



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



Certificate # 3939.01

IC TEST REPORT

(RSS- 132)

Applicant:	Particle Industries, Inc
Address:	325 9th Street, San Francisco, CA 94103, United States Of America

Manufacturer or Supplier:	Particle Industries, Inc
Address:	325 9th Street, San Francisco, CA 94103, United States Of America
Product:	M SoM
Brand Name:	Particle
Model Name:	M404
IC:	20127-M404
Date of tests:	Dec. 27, 2023 ~ Mar. 10, 2024

The tests have been carried out according to the requirements of the following standard:

- RSS-132 Issue 4, January 31, 2023
 RSS-Gen Issue 5, Amendment 1, March 2019
 ANSI C63.26-2015

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Prepared by Simon Wang Engineer / Mobile Department	Approved by Luke Lu Manager / Mobile Department

Date: Mar. 10, 2024

Date: Mar. 10, 2024

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

TABLE OF CONTENTS

RELEASE CONTROL RECORD	4
1 SUMMARY OF TEST RESULTS	5
1.1 MEASUREMENT UNCERTAINTY	6
1.2 TEST SITE AND INSTRUMENTS	7
2 GENERAL INFORMATION.....	8
2.1 GENERAL DESCRIPTION OF EUT.....	8
2.2 CONFIGURATION OF SYSTEM UNDER TEST	11
2.3 DESCRIPTION OF SUPPORT UNITS.....	12
2.4 TEST ITEM AND TEST CONFIGURATION.....	12
2.5 EUT OPERATING CONDITIONS	19
2.6 GENERAL DESCRIPTION OF APPLIED STANDARDS	19
2.7 TRANSMIT ANTENNA.....	19
3 TEST TYPES AND RESULTS	20
3.1 OUTPUT POWER MEASUREMENT	20
3.1.1 LIMITS OF OUTPUT POWER MEASUREMENT	20
3.1.2 TEST PROCEDURES	20
3.1.3 TEST SETUP	21
3.1.4 TEST RESULTS.....	21
3.2 FREQUENCY STABILITY MEASUREMENT	22
3.2.1 LIMITS OF FREQUENCY STABILITY MEASUREMENT	22
3.2.2 TEST PROCEDURE	22
3.2.3 TEST SETUP	22
3.2.4 TEST RESULTS.....	23
3.3 OCCUPIED BANDWIDTH MEASUREMENT.....	24
3.3.1 TEST PROCEDURES	24
3.3.2 TEST SETUP	24
3.3.3 TEST RESULTS.....	25
3.4 BAND EDGE MEASUREMENT	26
3.4.1 LIMITS OF BAND EDGE MEASUREMENT	26
3.4.2 TEST SETUP	26
3.4.3 TEST PROCEDURES	27
3.4.4 TEST RESULTS.....	28
3.5 CONDUCTED SPURIOUS EMISSIONS.....	29
3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT	29
3.5.2 TEST PROCEDURE	29
3.5.3 TEST SETUP	29
3.5.4 TEST RESULTS.....	30
3.6 RADIATED EMISSION MEASUREMENT	31
3.6.1 LIMITS OF RADIATED EMISSION MEASUREMENT	31
3.6.2 TEST PROCEDURES	31
3.6.3 DEVIATION FROM TEST STANDARD	31
3.6.4 TEST SETUP	32
3.6.5 TEST RESULTS.....	34
3.7 PEAK TO AVERAGE RATIO.....	62
3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT	62
3.7.2 TEST SETUP	62



Test Report No.: W7L-P23120015RI01

3.7.3	TEST PROCEDURES	62
3.7.4	TEST RESULTS.....	63
4	INFORMATION ON THE TESTING LABORATORIES	64
5	MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB	65
6	APPENDIX	66

DRAFT



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
W7L-P23120015RI01	Original release	Mar. 10, 2024

DRAFT



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: IC RSS-132, RSS-Gen		
STANDARD SECTION	TEST TYPE AND LIMIT	RESULT
RSS-Gen		
6.7	Occupied Bandwidth	Compliance
6.8	Transmit antenna	Compliance
STANDARD SECTION	TEST TYPE AND LIMIT	RESULT
RSS-132		
5.3	Frequency Stability AFC Freq. Error vs. Voltage AFC Freq. Error vs. Temperature	Compliance
5.4	Maximum Peak Output Power	Compliance
5.4	peak-to-average power ratio	Compliance
5.5	Band Edge Measurements	Compliance
5.5	Conducted Spurious Emissions	Compliance
5.5	Radiated Spurious Emissions	Compliance



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

1.1 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in ETSI TR 100 028-1 V1.4.1(2001-12):

MEASUREMENT	UNCERTAINTY
Frequency Stability	± 76.97Hz
Radiated emissions (9KHz~30MHz)	±2.68dB
Radiated emissions & Radiated Power (30MHz~1GHz)	±4.98dB
Radiated emissions & Radiated Power (1GHz ~6GHz)	±4.70dB
Radiated emissions (6GHz ~18GHz)	±4.60dB
Radiated emissions (18GHz ~40GHz)	±4.12dB
Conducted emissions	±4.01dB
Occupied Channel Bandwidth	±43.58KHz
Conducted Output power	±2.06dB
Band Edge Measurements	±4.70dB
Peak to average ratio	±0.76dB

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

BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

1.2 TEST SITE AND INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
MXE EMI Receiver	KEYSIGHT	N9038A-544	MY54450026	Mar. 28,23	Mar. 27,24
EXA Signal Analyzer	KEYSIGHT	N9010A-544	MY54510355	May.10,23	May.09,24
Loop Antenna	Schwarzbeck	FMZB 1519B	00173	Sep.03,23	Sep.02,24
Bilog Antenna	ETS-LINDGREN	3143B	00161965	Feb. 18,23	Feb. 17,24
Bilog Antenna	ETS-LINDGREN	3143B	00161965	Feb. 17,24	Feb. 16,25
Horn Antenna	ETS-LINDGREN	3117	00168692	Feb. 18,23	Feb. 17,24
Horn Antenna	ETS-LINDGREN	3117	00168692	Feb. 17,24	Feb. 16,25
Horn Antenna (18GHz-40GHz)	N/A	QWH-SL-18-40-K-SG/QMS-00361	15433	Sep.04, 23	Sep.03, 24
Radio Communication Analyzer	ANRITSU	MT8820C	6201465426	Feb. 14,23	Feb. 13,24
Radio Communication Analyzer	ANRITSU	MT8820C	6201465426	Feb. 13,24	Feb. 12,25
Signal Pre-Amplifier	EMSI	EMC 9135	980249	May. 06,23	May. 05,24
Signal Pre-Amplifier	EMSI	EMC 012645B	980257	May.10,23	May.09,24
Signal Pre-Amplifier	EMSI	EMC 184045B	980259	Feb. 17,23	Feb.16,24
Signal Pre-Amplifier	EMSI	EMC 184045B	980259	Feb.16,24	Feb.15,25
3m Semi-anechoic Chamber	ETS-LINDGREN	9m*6m*6m	Euroshieldpn-CT0001143-1216	Nov. 14,23	Nov. 13,26
Test Software	E3	V 9.160323	N/A	N/A	N/A
Test Software	JS1120	3.1.36	N/A	N/A	N/A
10dB Attenuator	JFW/USA	50HF-010-SMA	50HF-010-SMA	May. 06,23	May. 05,24
Power Meter	Anritsu	ML2495A	1506002	Feb. 14,23	Feb. 13,24
Power Meter	Anritsu	ML2495A	1506002	Feb. 13,24	Feb. 12,25
Power Sensor	Anritsu	MA2411B	1339352	Feb. 14,23	Feb. 13,24
Power Sensor	Anritsu	MA2411B	1339352	Feb. 13,24	Feb. 12,25
Temperature Chamber	ESPEC	SH-242	93000855	May. 06,23	May. 05,24
MXG Analog Microwave Signal Generator	KEYSIGHT	N5183A	MY50143024	Feb. 14,23	Feb. 13,24
MXG Analog Microwave Signal Generator	KEYSIGHT	N5183A	MY50143024	Feb. 13,24	Feb. 12,25
Base station R&S CMW500	Rohde&Schwarz	CMW500	153085	May.10,23	May.09,24
DC Source	Kikusui/JP	PMX18-5A	N/A	Aug. 11,23	Aug. 10,24

- NOTE:**
1. The calibration interval of the above test instruments is 12 or 36 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
 2. The test was performed in 3m Semi-anechoic Chamber and RF Oven Room.
 3. The horn antenna is used only for the measurement of emission frequency above 1GHz if tested.
 4. The IC Company Number is 21771; The CAB Identifier No. is CN0007.



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

2 GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

PRODUCT	M SoM	
BRAND NAME	Particle	
MODEL NAME	M404	
NOMINAL VOLTAGE	VCC: 3.8V. 3V3:3.3V	
MODULATION TYPE	GPRS/EDGE	GMSK, 8PSK
	LTE	QPSK, 16QAM
FREQUENCY RANGE	GPRS/EDGE	824.2MHz ~ 848.8MHz
	LTE Band 5 (Channel Bandwidth: 1.4MHz)	824.7MHz ~ 848.3MHz
	LTE Band 5 (Channel Bandwidth: 3MHz)	825.5MHz ~ 847.5MHz
	LTE Band 5 (Channel Bandwidth: 5MHz)	826.5MHz ~ 846.5MHz
	LTE Band 5 (Channel Bandwidth: 10MHz)	829MHz ~ 844MHz
	LTE Band 26 (Channel Bandwidth: 1.4MHz)	824.7MHz ~ 848.3MHz
	LTE Band 26 (Channel Bandwidth: 3MHz)	825.5MHz ~ 847.5MHz
	LTE Band 26 (Channel Bandwidth: 5MHz)	826.5MHz ~ 846.5MHz
	LTE Band 26 (Channel Bandwidth: 10MHz)	829MHz ~ 844MHz
	LTE Band 26 (Channel Bandwidth: 15MHz)	831.5MHz ~ 841.5MHz
	GPRS	2070.14mW
	EDGE	542.00mW
MAX. ERP POWER	LTE Band 5 (Channel Bandwidth: 1.4MHz)	217.77mW
	LTE Band 5 (Channel Bandwidth: 3MHz)	219.79mW
	LTE Band 5 (Channel Bandwidth: 5MHz)	214.78mW
	LTE Band 5 (Channel Bandwidth: 10MHz)	212.81mW
	LTE Band 26 (Channel Bandwidth: 1.4MHz)	222.84mW

BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

EMISSION DESIGNATOR: OGN	LTE Band 26 (Channel Bandwidth: 3MHz)	222.84mW
	LTE Band 26 (Channel Bandwidth: 5MHz)	228.56mW
	LTE Band 26 (Channel Bandwidth: 10MHz)	223.36mW
	LTE Band 26 (Channel Bandwidth: 15MHz)	225.94mW
	GRPS	244KGXW
	EDGE	241KG7W
	LTE Band 5 (Channel Bandwidth: 1.4MHz)	QPSK: 1M10G7D 16QAM: 1M10W7D 64QAM: /
	LTE Band 5 (Channel Bandwidth: 3MHz)	QPSK: 1M13G7D 16QAM: 1M13W7D 64QAM: /
	LTE Band 5 (Channel Bandwidth: 5MHz)	QPSK: 1M21G7D 16QAM: 1M21W7D 64QAM: /
	LTE Band 5 (Channel Bandwidth: 10MHz)	QPSK: 1M44G7D 16QAM: 1M44W7D 64QAM: /
	LTE Band 26 (Channel Bandwidth: 1.4MHz)	QPSK: 1M10G7D 16QAM: 1M10W7D 64QAM: /
	LTE Band 26 (Channel Bandwidth: 3MHz)	QPSK: 1M12G7D 16QAM: 1M13W7D 64QAM: /
	LTE Band 26 (Channel Bandwidth: 5MHz)	QPSK: 1M21G7D 16QAM: 1M21W7D 64QAM: /
	LTE Band 26 (Channel Bandwidth: 10MHz)	QPSK: 1M46G7D 16QAM: 1M46W7D 64QAM: /
	LTE Band 26 (Channel Bandwidth: 15MHz)	QPSK: 1M86G7D 16QAM: 1M86W7D 64QAM: /



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

ANTENNA TYPE	Fixed External Antenna with 2.8dBi gain for GPRS850 /LTE B5/LTE B26
HW VERSION	v0.2
SW VERSION	v5.5.2
I/O PORTS	Refer to user's manual
CABLE SUPPLIED	N/A
EXTREME TEMPERATURE	-35-75 °C
EXTREME VOLTAGE	VCC: 3.3V. 3V3:3.0V- VCC: 4.3V. 3V3:3.6V

NOTE:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. The EUT incorporates a SISO function. Physically, the EUT provides one completed transmitter and one receiver.

MODULATION MODE	TX FUNCTION
GPRS/EDGE	1TX/1RX
WCDMA	1TX/1RX
LTE	1TX/1RX

3. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.
4. Antenna gain and EUT conducted cable loss are provided by the customer, and the laboratory will record the results based on these items that involve these two parameters.

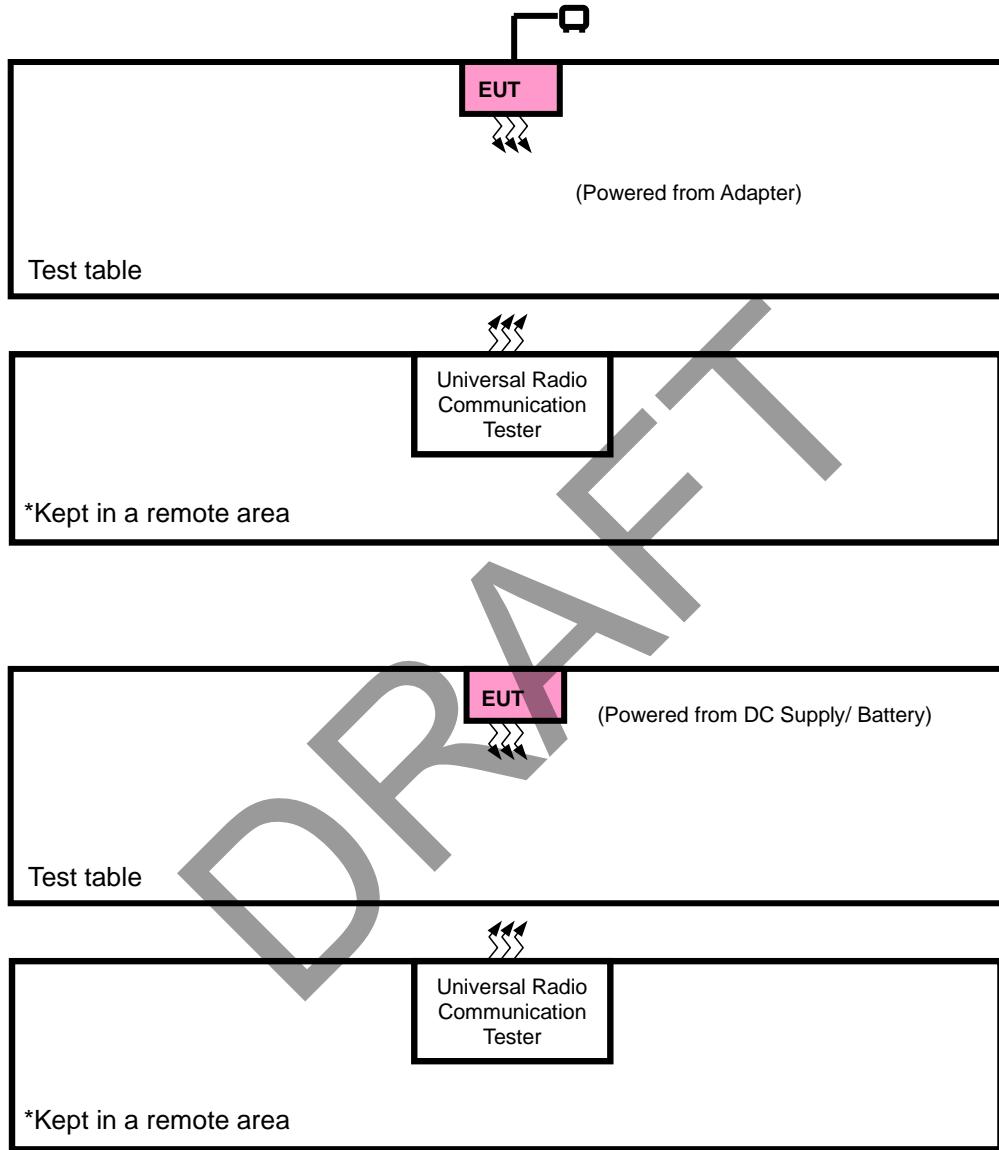


BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

2.2 CONFIGURATION OF SYSTEM UNDER TEST

FOR RADIATION EMISSION





BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

2.3 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	DC source	Kikusui/JP	PMX18-5A	0000001	N/A

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	DC Line: Unshielded, Detachable 1.0m

2.4 TEST ITEM AND TEST CONFIGURATION

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports

The worst case in ERP and radiated emission was found when positioned on X-plane for WCDMA/LTE. Following channel(s) was (were) selected for the final test as listed below:

EUT CONFIGURE MODE	DESCRIPTION
A	EUT + Adapter with GPRS or WCDMA or LTE link
B	EUT + DC Supply with GPRS or WCDMA or LTE link



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

GPRS MODE

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	MODE
A	ERP	128 to 251	128, 189, 251	GPRS,EDGE
B	FREQUENCY STABILITY	128 to 251	128, 189, 251	GPRS,EDGE
A	OCCUPIED BANDWIDTH	128 to 251	128, 189, 251	GPRS,EDGE
A	BAND EDGE	128 to 251	128, 251	GPRS,EDGE
A	CONDUCTED EMISSION	128 to 251	128, 189, 251	GPRS,EDGE
A	RADIATED EMISSION	128 to 251	128, 189, 251	GPRS,EDGE
A	PEAK TO AVERAGE RATIO	128 to 251	128, 189, 251	GPRS,EDGE

WCDMA MODE

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	MODE
A	ERP	4132 to 4233	4132, 4182, 4233	WCDMA
B	FREQUENCY STABILITY	4132 to 4233	4132, 4182, 4233	WCDMA
A	OCCUPIED BANDWIDTH	4132 to 4233	4132, 4182, 4233	WCDMA
A	BAND EDGE	4132 to 4233	4132, 4233	WCDMA
A	CONDUCTED EMISSION	4132 to 4233	4132, 4182, 4233	WCDMA
A	RADIATED EMISSION	4132 to 4233	4132, 4182, 4233	WCDMA
A	PEAK TO AVERAGE RATIO	4132 to 4233	4132, 4182, 4233	WCDMA



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

LTE BAND 5 MODE

TEST ITEM	Available Channel	Tested Channel	Channel bandwidth	modulation	mode
ERP	20407 to 20643	20407, 20525, 20643	1.4MHz	QPSK,16QAM	1 RB / 0 RB Offset
	20415 to 20635	20415, 20525, 20635	3MHz	QPSK,16QAM	1 RB / 0 RB Offset
	20425 to 20625	20425, 20525, 20625	5MHz	QPSK,16QAM	1 RB / 0 RB Offset
	20450 to 20600	20450, 20525, 20600	10MHz	QPSK,16QAM	1 RB / 0 RB Offset
FREQUENCY STABILITY	20407 to 20643	20407, 20643	1.4MHz	QPSK	1 RB / 0 RB Offset
	20415 to 20635	20415, 20635	3MHz	QPSK	1 RB / 0 RB Offset
	20425 to 20625	20425, 20625	5MHz	QPSK	1 RB / 0 RB Offset
	20450 to 20600	20450, 20600	10MHz	QPSK	1 RB / 0 RB Offset
OCCUPIED BANDWIDTH	20407 to 20643	20407, 20525, 20643	1.4MHz	QPSK	6 RB / 0 RB Offset
				16QAM	6 RB / 0 RB Offset
	20415 to 20635	20415, 20525, 20635	3MHz	QPSK	15 RB / 0 RB Offset
				16QAM	15 RB / 0 RB Offset
	20425 to 20625	20425, 20525, 20625	5MHz	QPSK	25 RB / 0 RB Offset
				16QAM	25 RB / 0 RB Offset
	20450 to 20600	20450, 20525, 20600	10MHz	QPSK	50 RB / 0 RB Offset
				16QAM	50 RB / 0 RB Offset
BAND EDGE	20407 to 20643	20407	1.4 MHz	QPSK	1 RB / 0 RB Offset
					6 RB / 0 RB Offset
	20407 to 20643	20643	1.4 MHz	QPSK	1 RB / 5 RB Offset
					6 RB / 0 RB Offset
	20415 to 20635	20415	3 MHz	QPSK	1 RB / 0 RB Offset
					15 RB / 0 RB Offset
	20415 to 20635	20635	3 MHz	QPSK	1 RB / 14 RB Offset
					15 RB / 0 RB Offset
	20425 to 20625	20425	5MHz	QPSK	1 RB / 0 RB Offset
					25 RB / 0 RB Offset



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

	20425 to 20625	20625	5MHz	QPSK	1 RB / 24 RB Offset
					25 RB / 0 RB Offset
	20450 to 20600	20450	10MHz	QPSK	1 RB / 0 RB Offset
					50 RB / 0 RB Offset
	20450 to 20600	20600	10MHz	QPSK	1 RB / 49 RB Offset
					50 RB / 0 RB Offset
CONDCUDETED EMISSION	20407 to 20643	20407, 20525, 20643	1.4MHz	QPSK	1 RB / 0 RB Offset
	20415 to 20635	20415, 20525, 20635	3MHz	QPSK	1 RB / 0 RB Offset
	20425 to 20625	20425, 20525, 20625	5MHz	QPSK	1 RB / 0 RB Offset
	20450 to 20600	20450, 20525, 20600	10MHz	QPSK	1 RB / 0 RB Offset

Note: 1. This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.

2. LTE Band 5 are covered by LTE Band 26, Because it is a subset of LTE Band 26 with the same output power and supported bandwidths, So the RSE data please refer to LTE Band 26

DRAFT



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

LTE BAND 26 MODE

EUT CONFIGURE MODE	TEST ITEM	Available Channel	Tested Channel	Channel bandwidth	modulation	mode
A	ERP	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK,16QAM	1 RB / 0 RB Offset
		26805 to 27025	26805, 26915, 27025	3MHz	QPSK,16QAM	1 RB / 0 RB Offset
		26815 to 27015	26815, 26915, 27015	5MHz	QPSK,16QAM	1 RB / 0 RB Offset
		26840 to 26990	26840, 26915, 26990	10MHz	QPSK,16QAM	1 RB / 0 RB Offset
		26865 to 26965	26865, 26915, 26965	15MHz	QPSK,16QAM	1 RB / 0 RB Offset
B	FREQUENCY STABILITY	26865 to 26965	26865, 26915, 26965	10MHz	QPSK,16QAM	75 RB / 0 RB Offset
A	OCCUPIED BANDWIDTH	26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK,16QAM	6 RB / 0 RB Offset
		26805 to 27025	26805, 26915, 27025	3MHz	QPSK,16QAM	15 RB / 0 RB Offset
		26815 to 27015	26815, 26915, 27015	5MHz	QPSK,16QAM	25 RB / 0 RB Offset
		26840 to 26990	26840, 26915, 26990	10MHz	QPSK,16QAM	50 RB / 0 RB Offset
		26865 to 26965	26865, 26915, 26965	15MHz	QPSK,16QAM	75 RB / 0 RB Offset
A	PEAK TO AVERAGE RATIO	26740	26740	10MHz	QPSK,16QAM	1 RB / 0 RB Offset 50 RB / 0 RB Offset
A	BAND EDGE	26797 to 27033	26797	1.4 MHz	QPSK,16QAM	1 RB / 0 RB Offset 6 RB / 0 RB Offset
		26797 to 27033	27033	1.4 MHz	QPSK,16QAM	1 RB / 5 RB Offset 6 RB / 0 RB Offset
		26805 to 27025	26805	3 MHz	QPSK,16QAM	1 RB / 0 RB Offset 15 RB / 0 RB Offset
		26805 to 27025	27025	3 MHz	QPSK,16QAM	1 RB / 14 RB Offset 15 RB / 0 RB Offset
		26815 to 27015	26815	5MHz	QPSK,16QAM	1 RB / 0 RB Offset 25 RB / 0 RB Offset
		26815 to 27015	27015	5MHz	QPSK,16QAM	1 RB / 24 RB Offset 25 RB / 0 RB Offset
		26840 to 26990	26840	10MHz	QPSK,16QAM	1 RB / 0 RB Offset 50 RB / 0 RB Offset
		26840 to 26990	26990	10MHz	QPSK,16QAM	1 RB / 49 RB Offset



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

						50 RB / 0 RB Offset
		26865 to 26965	26865	15MHz	QPSK,16QAM	1 RB / 0 RB Offset
		26865 to 26965	26965	15MHz	QPSK,16QAM	75 RB / 0 RB Offset
		26797 to 27033	26797, 26915, 27033	1.4MHz	QPSK,16QAM	1 RB / 0 RB Offset
A	CONDUCTED EMISSION	26805 to 27025	26805, 26915, 27025	3MHz	QPSK,16QAM	1 RB / 0 RB Offset
		26815 to 27015	26815, 26915, 27015	5MHz	QPSK,16QAM	1 RB / 0 RB Offset
		26840 to 26990	26840, 26915, 26990	10MHz	QPSK,16QAM	1 RB / 0 RB Offset
		26865 to 26965	26865, 26915, 26965	15MHz	QPSK,16QAM	1 RB / 0 RB Offset
A	RADIATED EMISSION	26797 to 27033	26915	1.4MHz	QPSK	1 RB / 0 RB Offset
		26805 to 27025	26915	3MHz	QPSK	1 RB / 0 RB Offset
		26815 to 27015	26915	5MHz	QPSK	1 RB / 0 RB Offset
		26840 to 26990	26915	10MHz	QPSK	1 RB / 0 RB Offset
		26865 to 26965	26865, 26915, 26965	15MHz	QPSK	1 RB / 0 RB Offset

Note: This device was tested under all bandwidths, RB configurations and modulations. The worst case was found in QPSK modulation.



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

TEST CONDITION:

TEST ITEM	ENVIRONMENTAL CONDITIONS	INPUT POWER	TESTED BY
ERP	23deg. C, 70%RH	AC 120V/60Hz	Jace Hu
FREQUENCY STABILITY	23deg. C, 70%RH	DC 3.3V/3.8V/4.3V	James Fu
OCCUPIED BANDWIDTH	23deg. C, 70%RH	AC 120V/60Hz	James Fu
BAND EDGE	23deg. C, 70%RH	AC 120V/60Hz	James Fu
CONDUCTED EMISSION	23deg. C, 70%RH	AC 120V/60Hz	James Fu
RADIATED EMISSION	23deg. C, 70%RH	AC 120V/60Hz	James Fu
PEAK TO AVERAGE RATIO	23deg. C, 70%RH	AC 120V/60Hz	Jace Hu

DRAFT



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

2.5 EUT OPERATING CONDITIONS

The EUT makes a call to the communication simulator. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency

2.6 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

Canada RSS-132, Issue 4, January 31, 2023

Canada RSS-Gen, Issue 5, March 2019 Amendment 1

ANSI C63.26 - 2015

NOTE: All test items have been performed and recorded as per the above standards.

2.7 TRANSMIT ANTENNA

The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

Antenna Type	Fixed External Antenna
Antenna Gain	2.8dBi for GPRS850 / LTE B5/ LTE B26
Impedance	50 Ω



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

3 TEST TYPES AND RESULTS

3.1 OUTPUT POWER MEASUREMENT

3.1.1 LIMITS OF OUTPUT POWER MEASUREMENT

Portable station are limited to 3 watts E.R.P.

3.1.2 TEST PROCEDURES

ERP MEASUREMENT:

Per KDB 971168 D01 Power Meas License Digital Systems v03r01 or subclause 5.2.5.5 of ANSI C63.26-2015, the relevant equation for determining the ERP from the conducted RF output power measured using the guidance provided above is:

$$\text{ERP} = P_{\text{Meas}} + G_T - L_c$$

Where:

ERP = effective radiated power or equivalent isotropically radiated power, respectively
(expressed in the same units as P_{Meas} , typically dBW or dBm);

P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;

G_T = gain of the transmitting antenna, in dBd (ERP);

L_c = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

CONDUCTED POWER MEASUREMENT:

The EUT was set up for the maximum power with WCDMA link data modulation and link up with simulator. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

3.1.3 TEST SETUP

For the actual test configuration, please refer to the attached file (Test Setup Photo).

CONDUCTED POWER MEASUREMENT:



3.1.4 TEST RESULTS

Please Refer to Appendix Of this test report.

DRAFT



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

3.2 FREQUENCY STABILITY MEASUREMENT

3.2.1 LIMITS OF FREQUENCY STABILITY MEASUREMENT

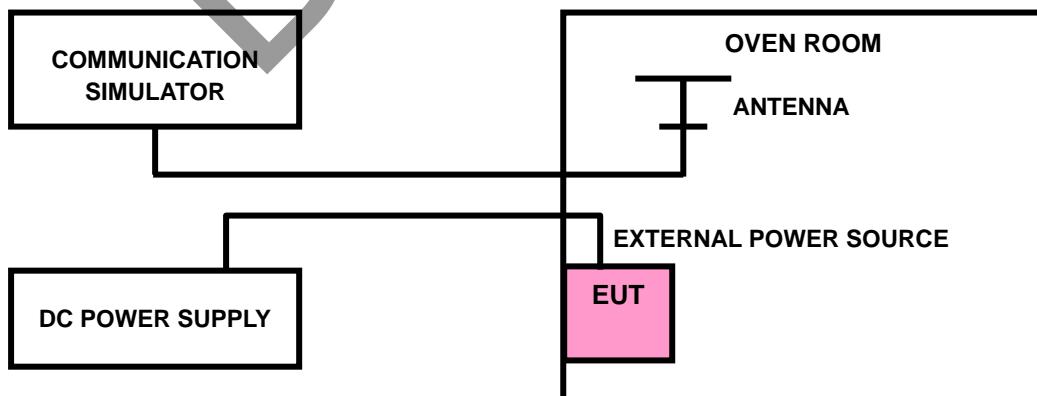
1.5 ppm is for base and fixed station. 2.5 ppm is for mobile station.

3.2.2 TEST PROCEDURE

- a. Device is placed at the oven room. The oven room could control the temperatures and humidity. Power warm up is at least 15 min and power applied should perform before recording frequency error.
- b. EUT is connected the external power supply to control the DC input power. The test voltage range is from minimum to maximum working voltage. Each step shall be record the frequency error rate.
- c. The temperature range step is 10 degrees in this test items. All temperature levels shall be hold the $\pm 0.5^{\circ}\text{C}$ during the measurement testing. The each temperature step shall be at least 0.5 hours, consider the EUT could be test under the stability condition.

NOTE: The frequency stability shall be sufficient to ensure that the occupied bandwidth stays within each of the sub-bands when tested at the temperature and supply voltage variations specified in RSS-Gen.

3.2.3 TEST SETUP





BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

3.2.4 TEST RESULTS

Please Refer to Appendix Of this test report.

Note: 1.VL = Low voltage(VCC: 3.3V); VN/NV = Normal voltage(VCC: 3.8V); VH = High voltage(VCC: 4.3V);

NT = Normal temperature (25°C)

2. The frequency fundamental emissions stay within the authorized frequency block.

DRAFT



BUREAU
VERITAS

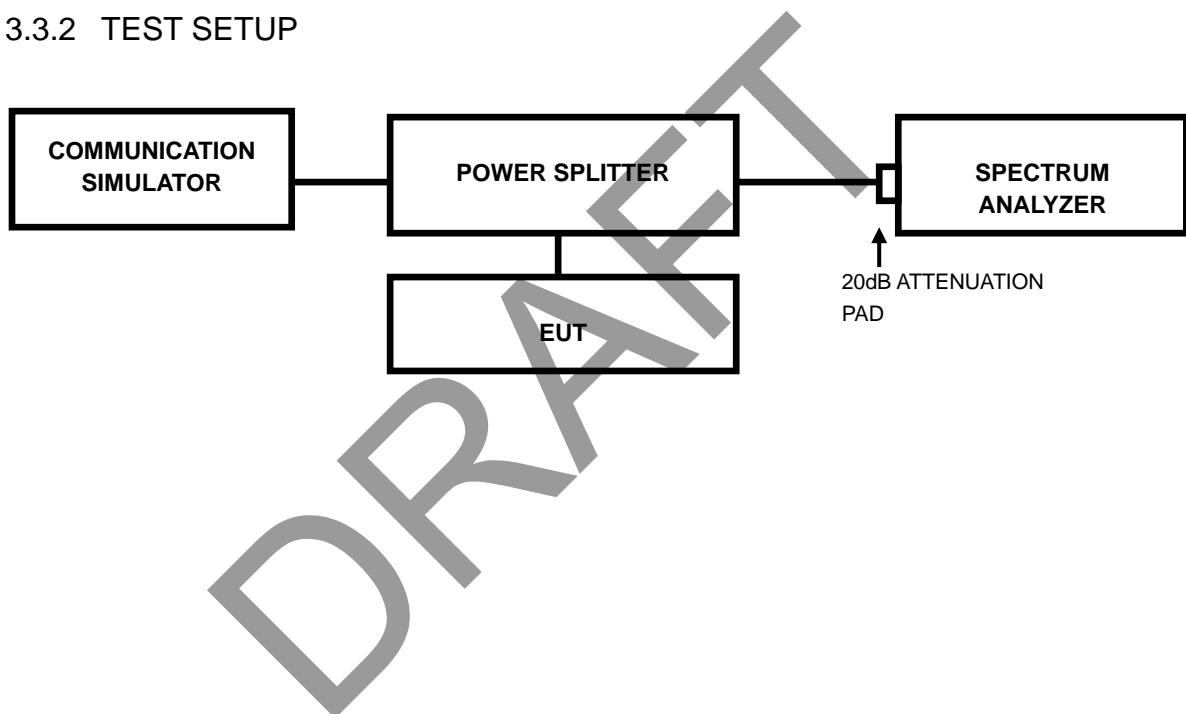
Test Report No.: W7L-P23120015RI01

3.3 OCCUPIED BANDWIDTH MEASUREMENT

3.3.1 TEST PROCEDURES

The EUT makes a call to the communication simulator. All measurements were done at low, middle and high operational frequency range. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency. Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth.

3.3.2 TEST SETUP





BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

3.3.3 TEST RESULTS

Please Refer to Appendix Of this test report.

DRAFT



BUREAU
VERITAS

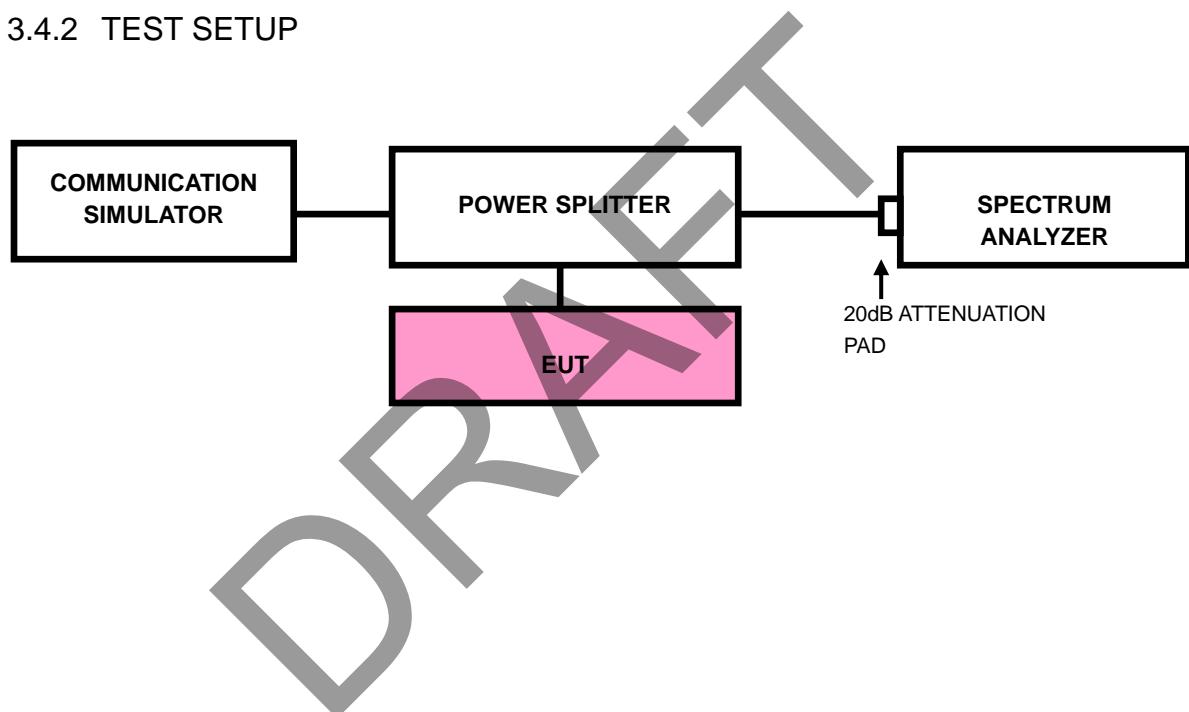
Test Report No.: W7L-P23120015RI01

3.4 BAND EDGE MEASUREMENT

3.4.1 LIMITS OF BAND EDGE MEASUREMENT

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. In the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

3.4.2 TEST SETUP





BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

3.4.3 TEST PROCEDURES

- a) All measurements were done at low and high operational frequency range
- b) Connect the transmitter to the spectrum analyzer via coaxial cable while ensuring proper impedance matching.
- c) Tune the analyzer to the nominal center frequency of the emission bandwidth (EBW)
- d) Set the resolution bandwidth (RBW) $\geq 1\% \text{ EBW}$ in the 1MHz band immediately outside and adjacent to the band edge.
- e) Beyond the 1MHz band from the band edge, RBW=1MHz was used.
- f) Set the video bandwidth (VBW) to $\geq 3 \times \text{RBW}$.
- g) Select the average power (RMS) display detector.
- h) Set the number of measurement points to ≥ 1001 .
- i) Use auto-coupled sweep time.
- j) Perform the measurement over an interval of time when the transmission is continuous and at its maximum power level.
- k) The RF fundamental frequency should be excluded against the limit line in the operating frequency band and use RBW is 10KHz or 100KHz.
- l) Record the max trace plot into the test report.



Test Report No.: W7L-P23120015RI01

3.4.4 TEST RESULTS

Please Refer to Appendix Of this test report.

DRAFT



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

3.5 CONDUCTED SPURIOUS EMISSIONS

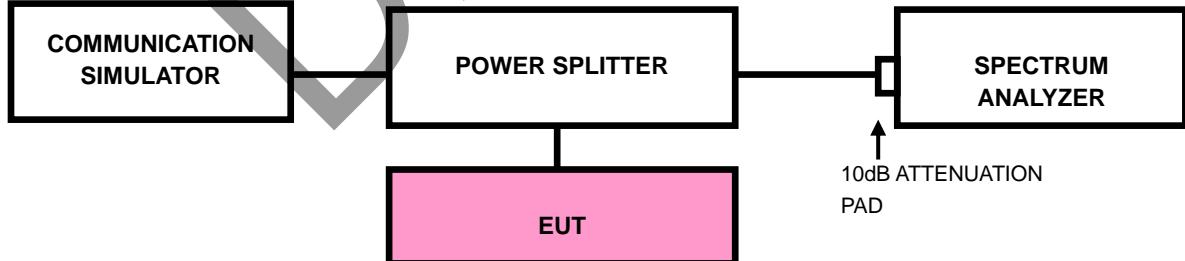
3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

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 emission limit equal to -13dBm .

3.5.2 TEST PROCEDURE

- a. The EUT makes a phone call to the communication simulator. All measurements were done at low, middle and high operational frequency range.
- b. Measuring frequency range is from 9kHz up to a frequency including its 10th harmonic. 10dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz is used for conducted emission measurement.

3.5.3 TEST SETUP





Test Report No.: W7L-P23120015RI01

3.5.4 TEST RESULTS

NOTE : The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

Please Refer to Appendix Of this test report.

DRAFT



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

3.6 RADIATED EMISSION MEASUREMENT

3.6.1 LIMITS OF RADIATED EMISSION MEASUREMENT

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 emission limit equal to -13dBm .

3.6.2 TEST PROCEDURES

- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m/1.5m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.
- b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to “Read Value” of step a. Record the power level of S.G
- c. $\text{ERP} = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn.}$
- d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, $\text{E.R.P power} = \text{E.I.P.R power} - 2.15\text{dBi}$.

NOTE: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

3.6.3 DEVIATION FROM TEST STANDARD

No deviation

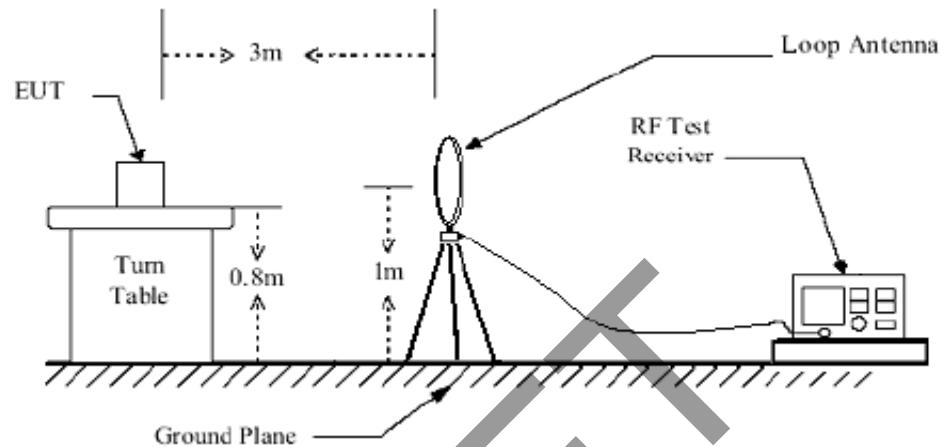


BUREAU
VERITAS

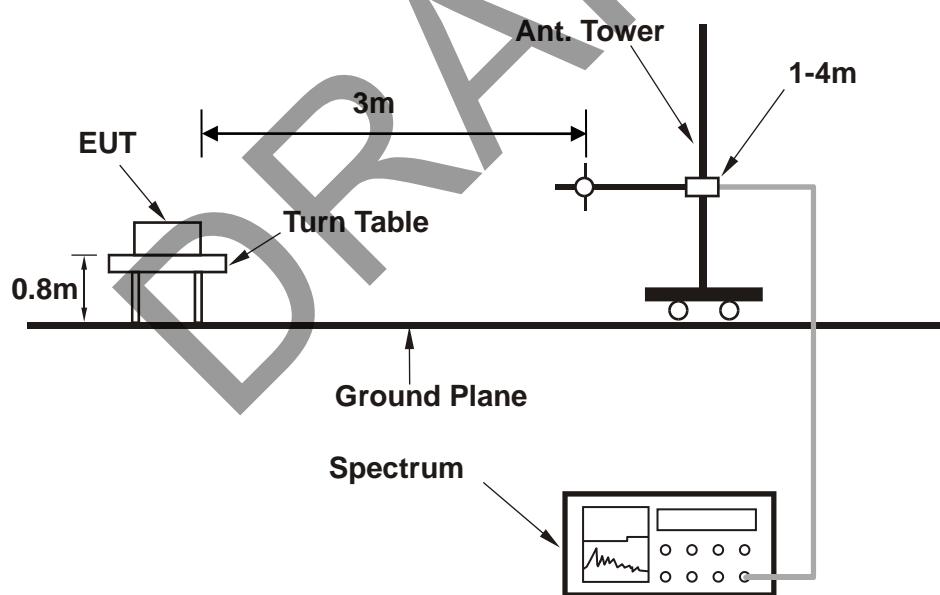
Test Report No.: W7L-P23120015RI01

3.6.4 TEST SETUP

< Frequency Range below 30MHz >



< Frequency Range 30MHz~1GHz >

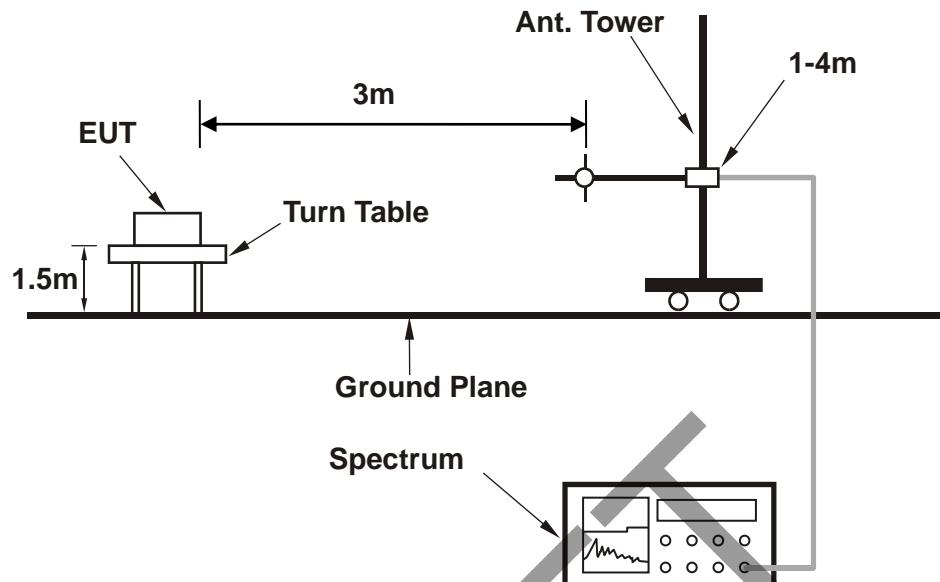




BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

< Frequency Range above 1GHz >



For the actual test configuration, please refer to the attached file (Test Setup Photo).



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

3.6.5 TEST RESULTS

NOTE : The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

BELOW 1GHz WORST-CASE DATA

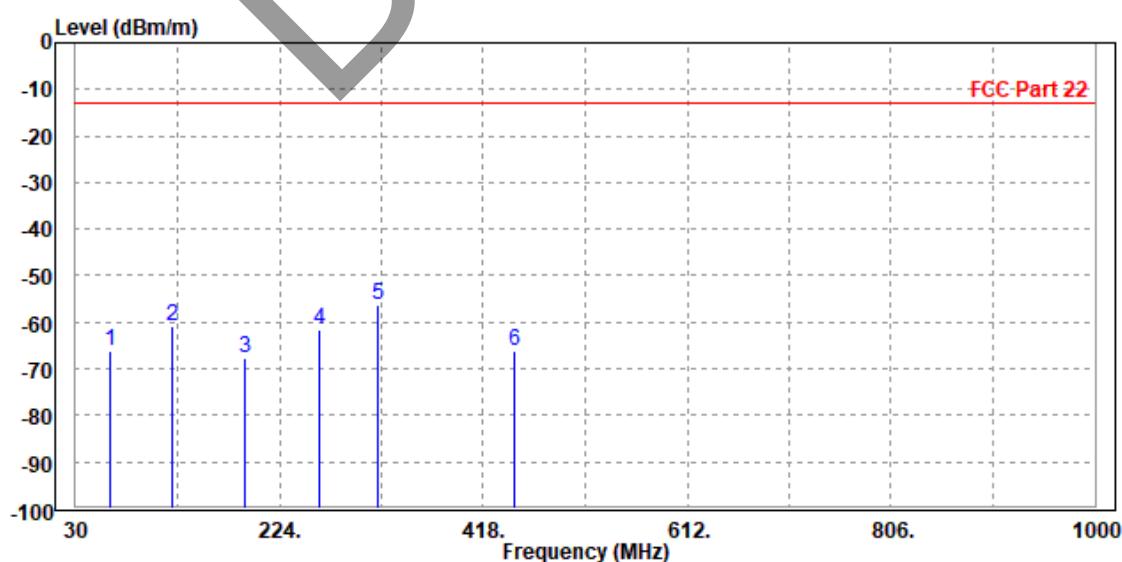
30 MHz – 1GHz data:

EDGE 850:

CHANNEL BANDWIDTH: 128 ~ 251

MODE	TX channel 190	FREQUENCY RANGE	Below 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Freq	Level	Read	Limit	Over	Factor	Remark	Pol/Phase
		Line	Line	dB			
MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	62.980	-66.22	-53.84	-13.00	-53.22	-12.38 Peak	Horizontal
2	121.180	-61.02	-45.30	-13.00	-48.02	-15.72 Peak	Horizontal
3	191.020	-67.51	-51.70	-13.00	-54.51	-15.81 Peak	Horizontal
4	262.800	-61.75	-51.17	-13.00	-48.75	-10.58 Peak	Horizontal
5 PP	317.120	-56.44	-47.96	-13.00	-43.44	-8.48 Peak	Horizontal
6	448.070	-66.10	-60.10	-13.00	-53.10	-6.00 Peak	Horizontal

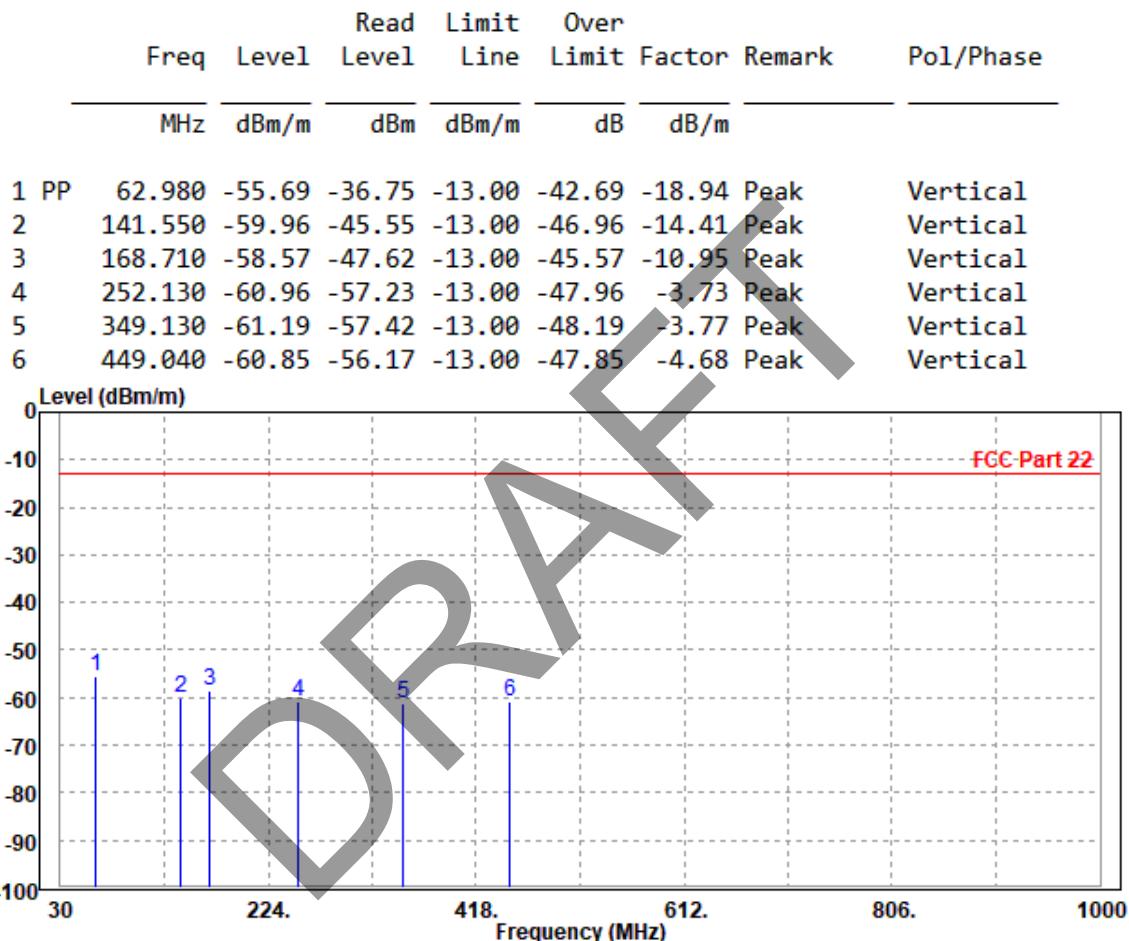




BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

MODE	TX channel 190	FREQUENCY RANGE	Below 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			





BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

ABOVE 1GHz DATA

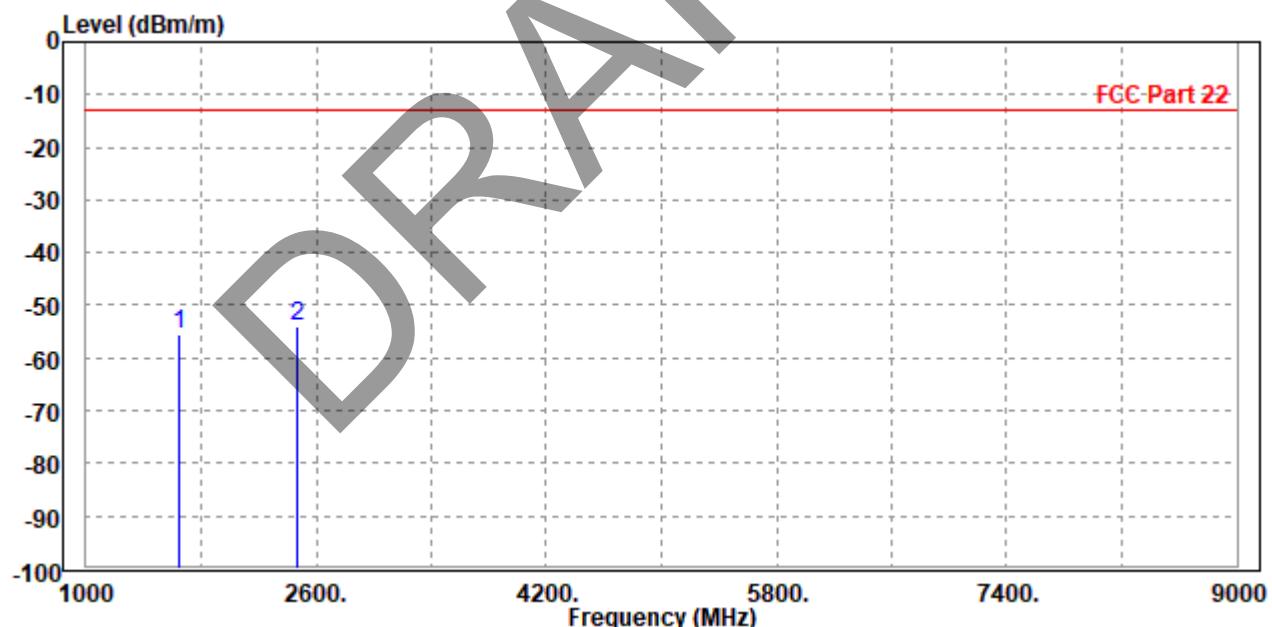
Note: For higher frequency, the emission is too low to be detected.

GPRS 850

CH 128:

MODE	TX channel 128	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Read Level	Limit Level	Over Line	Limit Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m	
1	1648.400	-55.51	-59.17	-13.00	-42.51	3.66 Peak	Horizontal
2	PP 2472.000	-54.03	-60.05	-13.00	-41.03	6.02 Peak	Horizontal



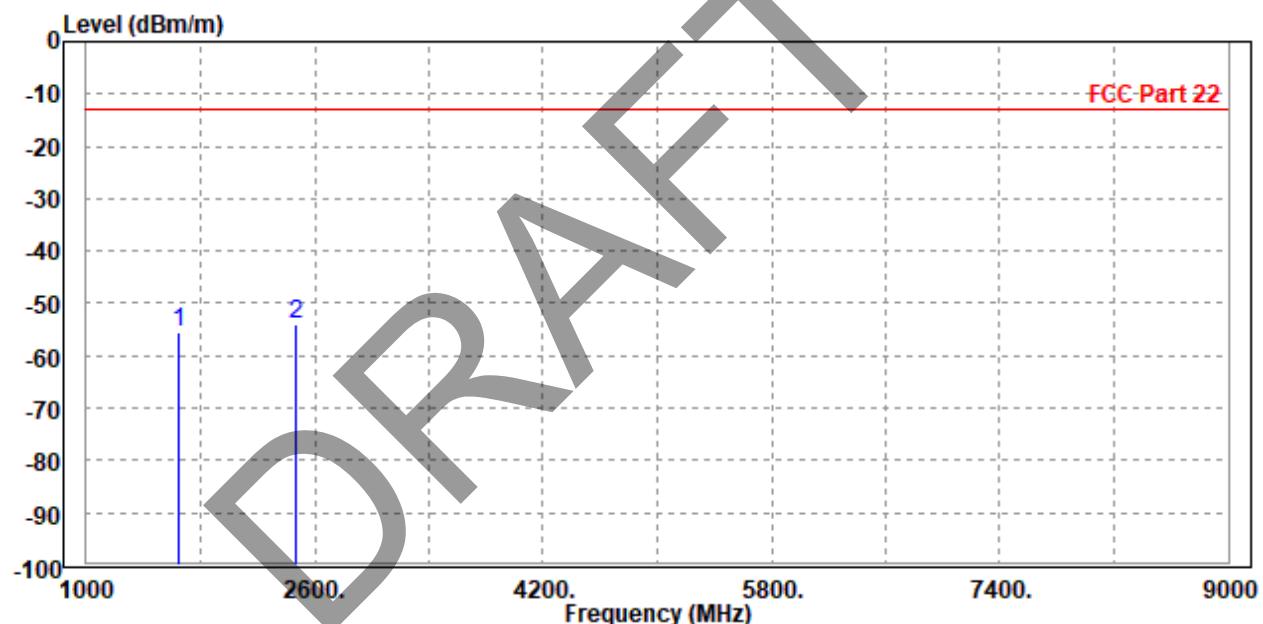


BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

MODE	TX channel 128	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Read Level	Limit Level	Over Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1648.000	-55.42	-58.81	-13.00	-42.42	3.39	Peak	Vertical
2	PP 2472.600	-53.87	-59.55	-13.00	-40.87	5.68	Peak	Vertical





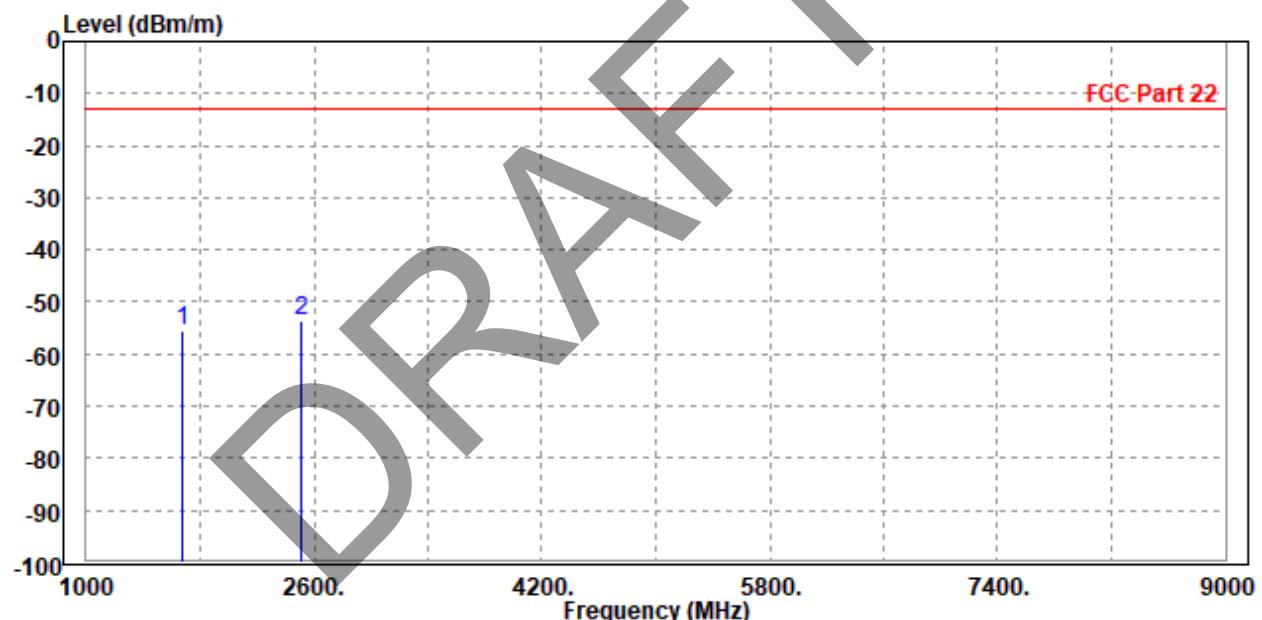
BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

CH 190:

MODE	TX channel 190	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Read Level	Limit Level	Over Line	Limit Factor	Over Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1672.800	-55.46	-59.20	-13.00	-42.46	3.74	Peak	Horizontal
2	PP 2512.000	-53.52	-59.67	-13.00	-40.52	6.15	Peak	Horizontal

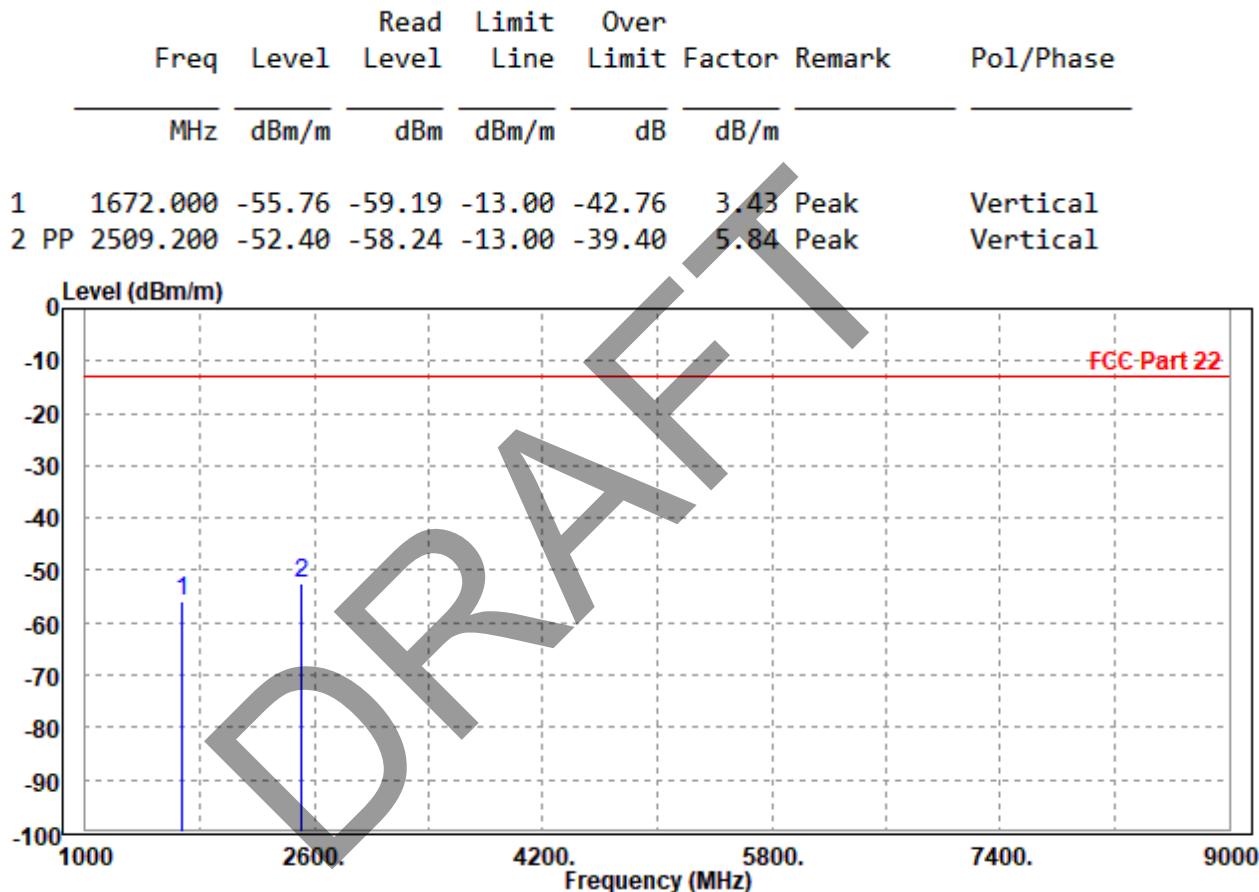




BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

MODE	TX channel 190	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			





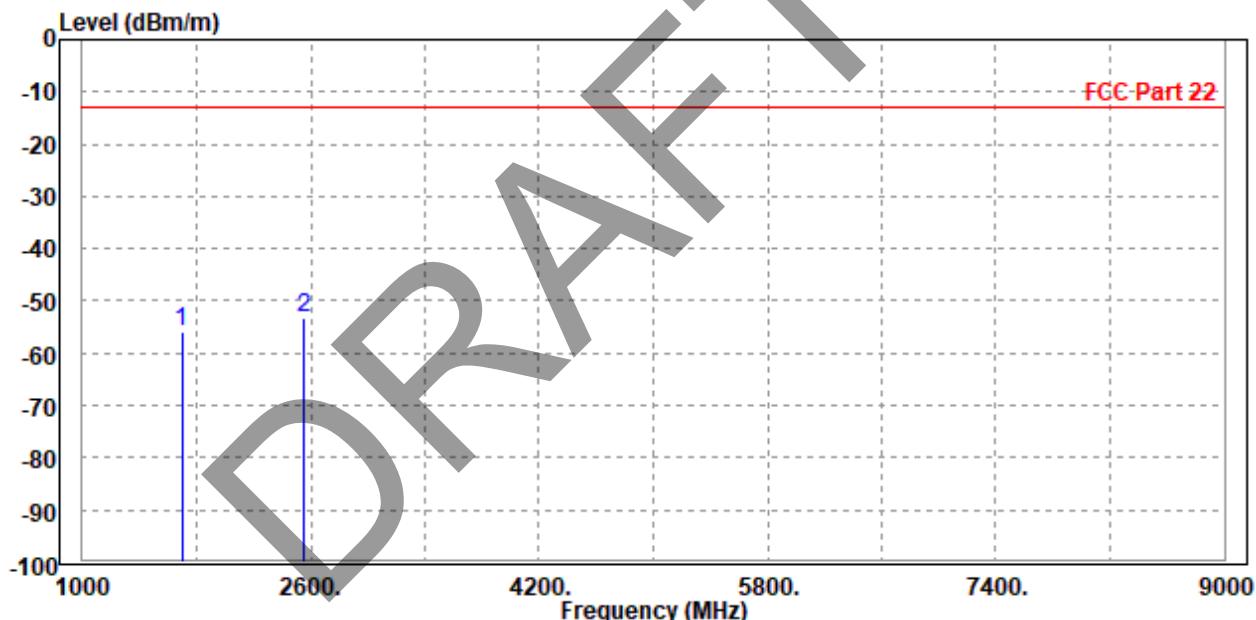
BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

CH 251:

MODE	TX channel 251	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Freq	Level	Read	Limit	Over	Factor	Remark	Pol/Phase
		Level	Line	Limit			
MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1696.000	-55.89	-59.70	-13.00	-42.89	3.81 Peak	Horizontal
2 PP	2546.400	-53.20	-59.50	-13.00	-40.20	6.30 Peak	Horizontal

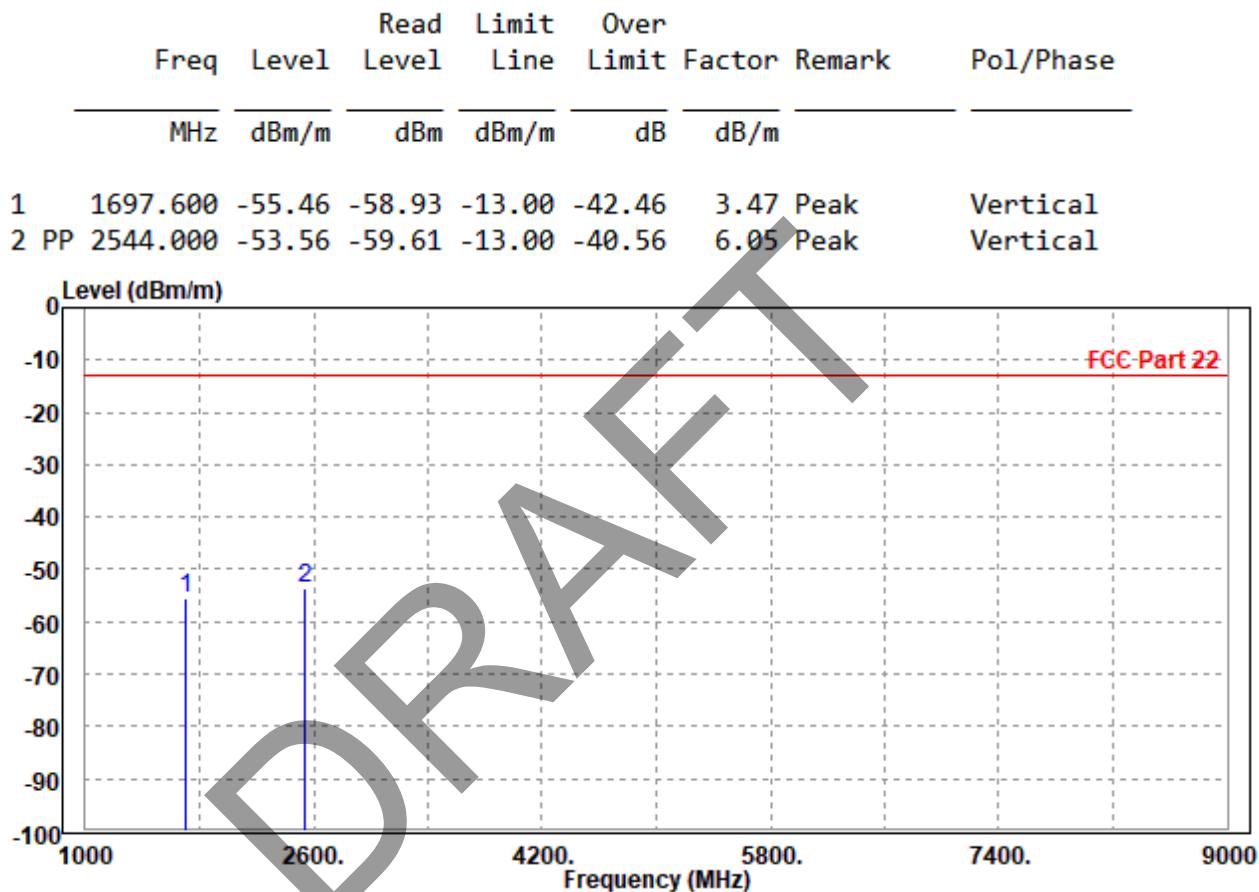




BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

MODE	TX channel 251	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			





BUREAU
VERITAS

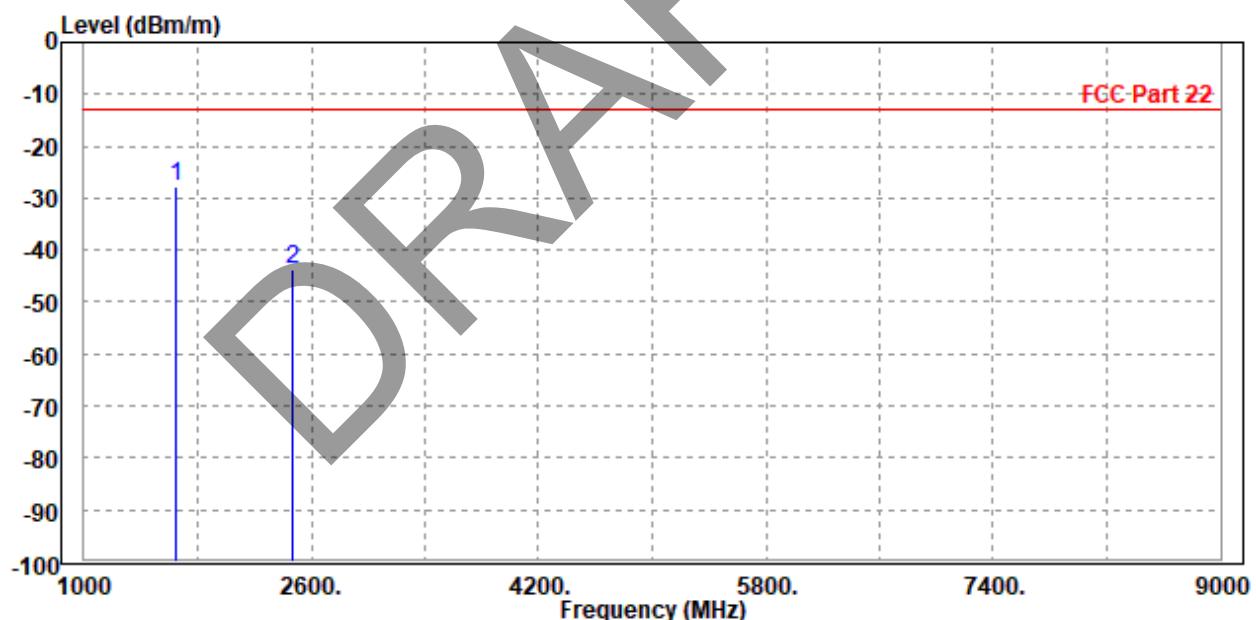
Test Report No.: W7L-P23120015RI01

EDGE 850:

CH 128:

MODE	TX channel 128	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Read Level	Limit Level	Over Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 1648.000	-27.64	-31.30	-13.00	-14.64	3.66	Peak	Horizontal
2	2472.600	-43.79	-49.82	-13.00	-30.79	6.03	Peak	Horizontal



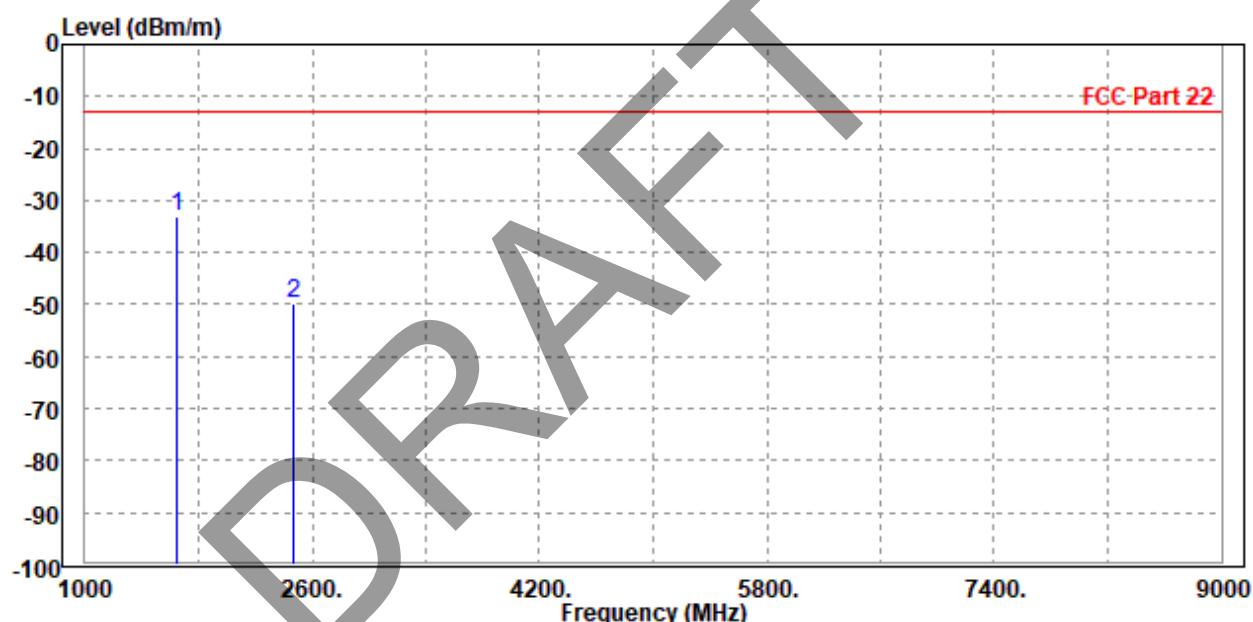


BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

MODE	TX channel 128	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

Freq	Level	Read	Limit	Over	Remark	Pol/Phase
		Line	Limit	Factor		
MHz	dBm/m	dBm	dBm/m	dB	dB/m	
1 PP 1648.400	-33.07	-36.46	-13.00	-20.07	3.39 Peak	Vertical
2 2472.000	-49.73	-55.41	-13.00	-36.73	5.68 Peak	Vertical





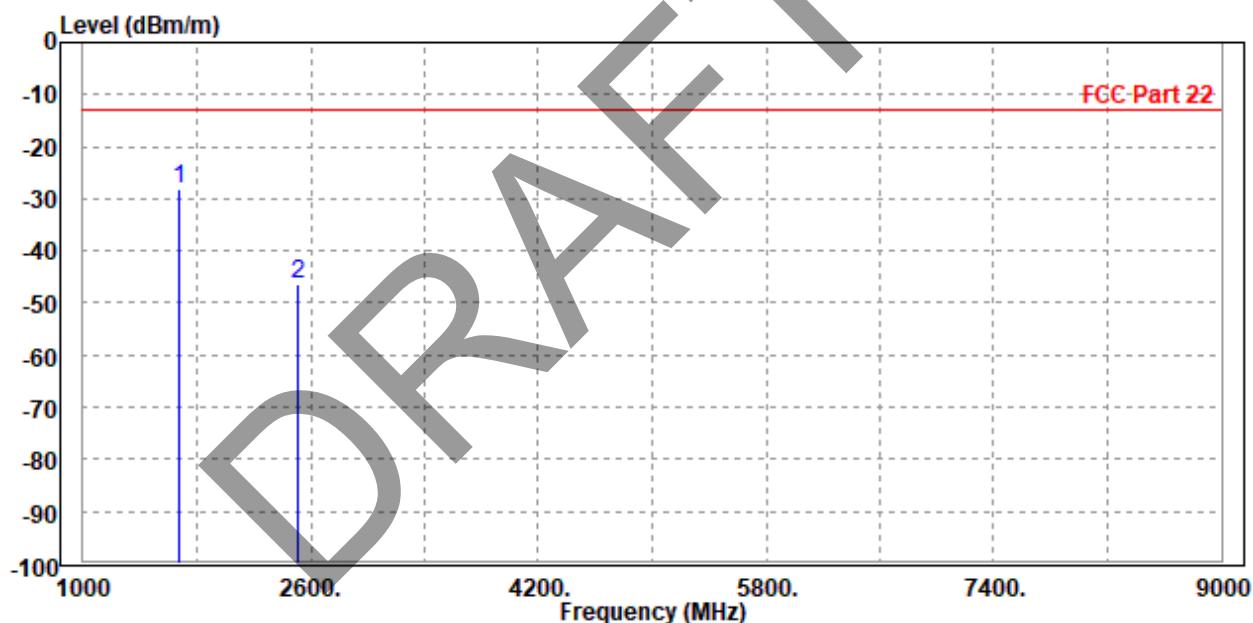
BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

CH 190:

MODE	TX channel 190	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Freq MHz	Read Level dBm/m	Limit Level dBm	Over Line dBm/m	Over Line dB	Over Line dB/m	Remark	Pol/Phase
1 PP 1672.000	-28.24	-31.97	-13.00	-15.24	3.73	Peak	Horizontal
2 2509.200	-46.51	-52.65	-13.00	-33.51	6.14	Peak	Horizontal



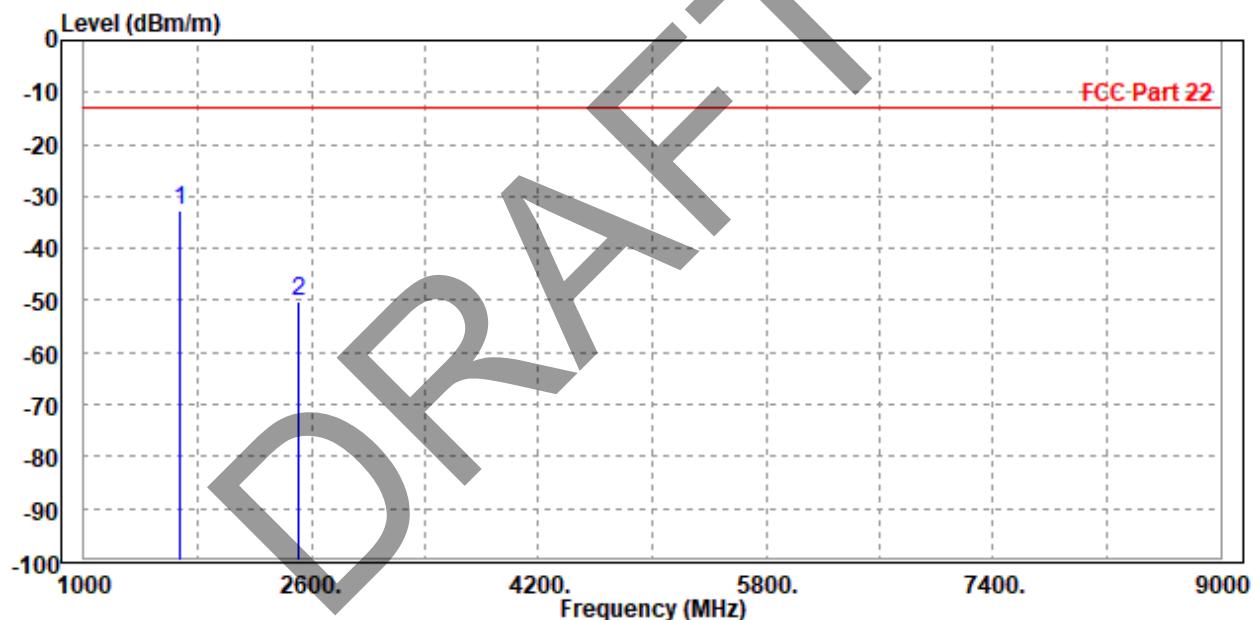


BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

MODE	TX channel 190	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

Freq	Level	Read	Limit	Over	Factor	Remark	Pol/Phase
		Level	Line	Limit			
MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP 1672.000	-32.82	-36.25	-13.00	-19.82	3.43	Peak	Vertical
2 2512.000	-50.13	-55.98	-13.00	-37.13	5.85	Peak	Vertical





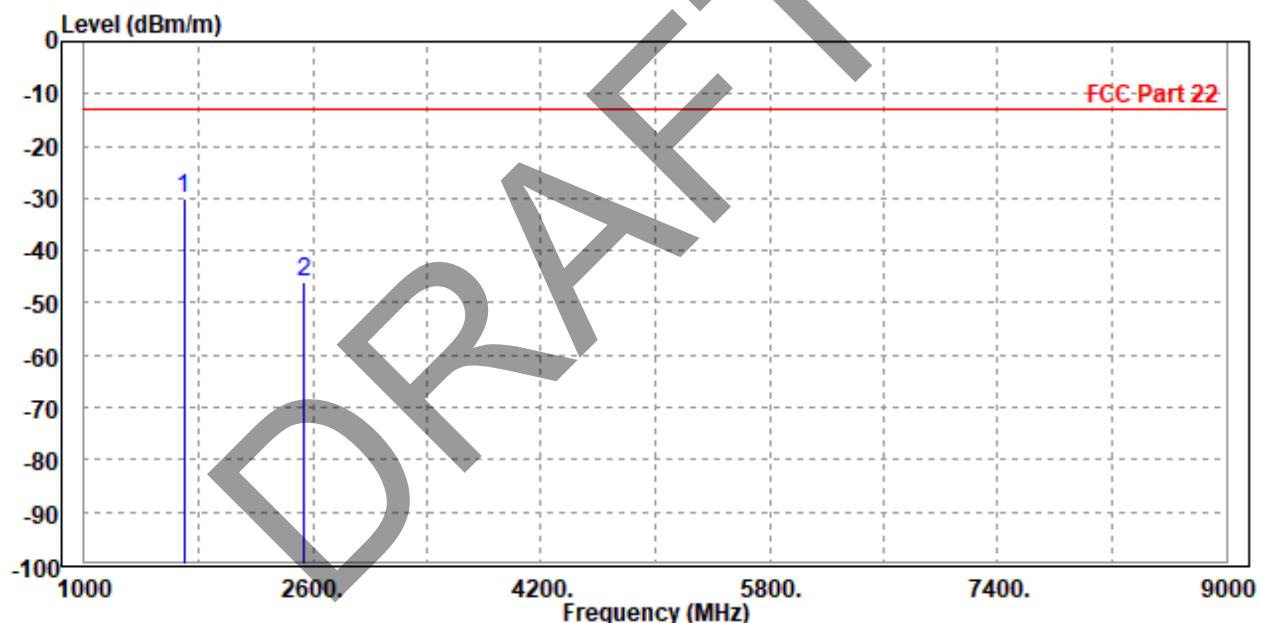
BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

CH 251:

MODE	TX channel 251	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Read Level	Limit Level	Over Line	Limit	Over Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 1696.000	-30.16	-33.97	-13.00	-17.16	3.81	Peak	Horizontal
2	2544.000	-46.07	-52.36	-13.00	-33.07	6.29	Peak	Horizontal

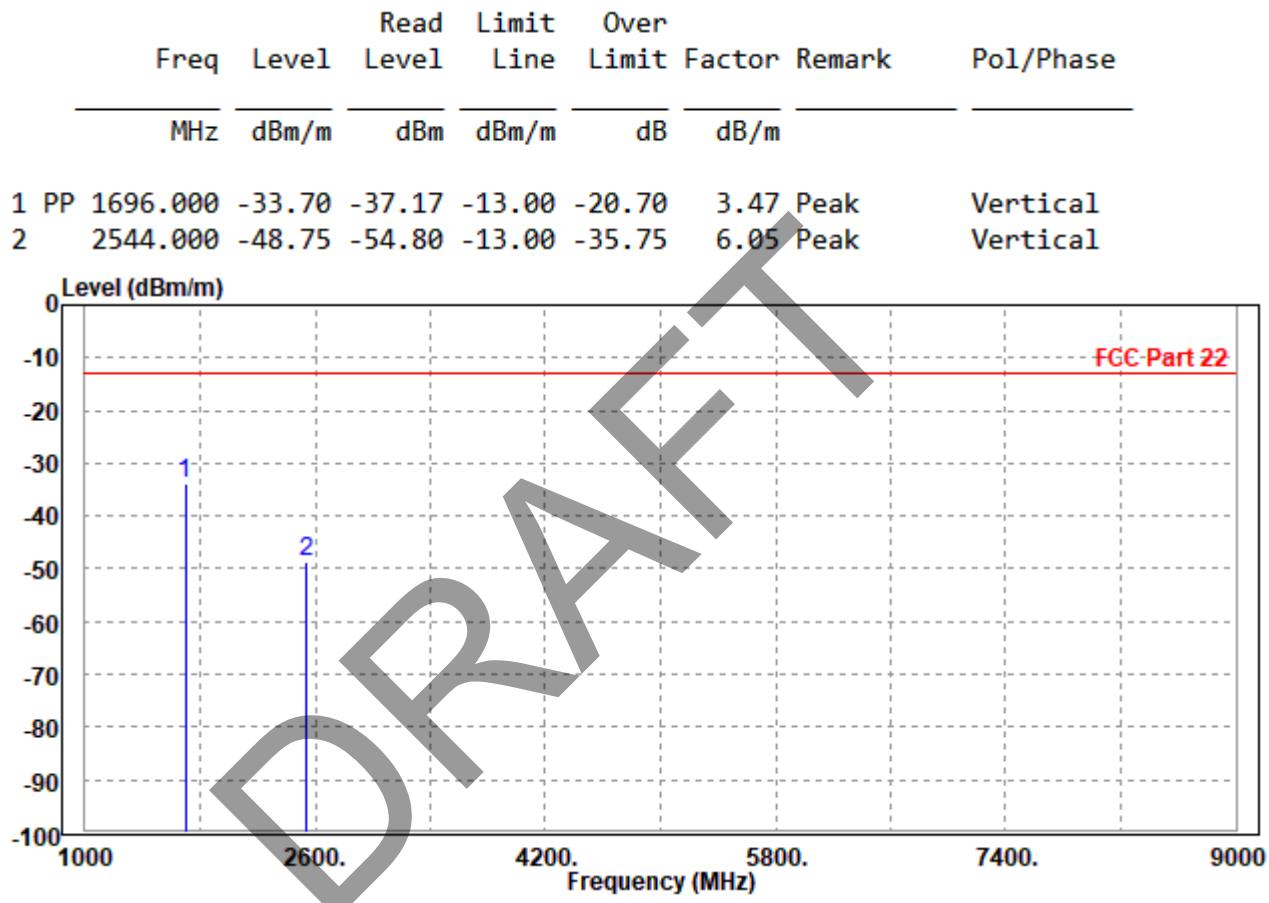




BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

MODE	TX channel 251	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			





BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

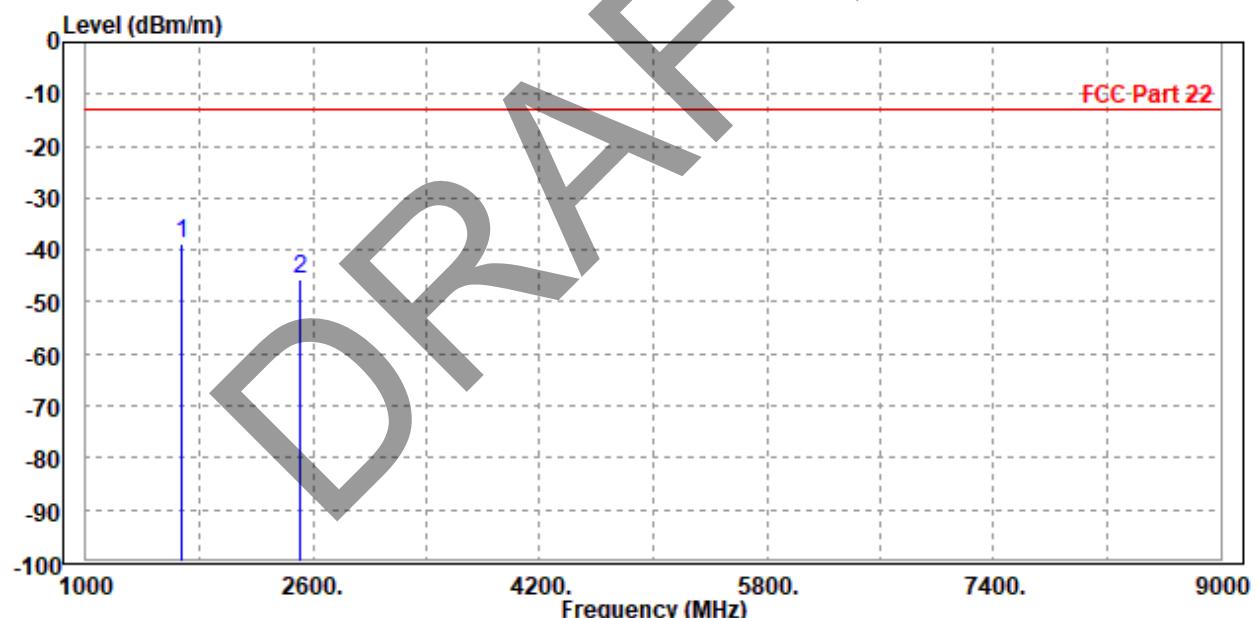
LTE Band 26

CHANNEL BANDWIDTH: 1.4MHz / QPSK

CH26915

MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Freq	Level	Read	Limit	Over	Factor	Remark	Pol/Phase
		Level	Line	Limit			
MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 1673.000	-38.75	-42.49	-13.00	-25.75	3.74 Peak	Horizontal
2	2512.000	-45.67	-51.82	-13.00	-32.67	6.15 Peak	Horizontal



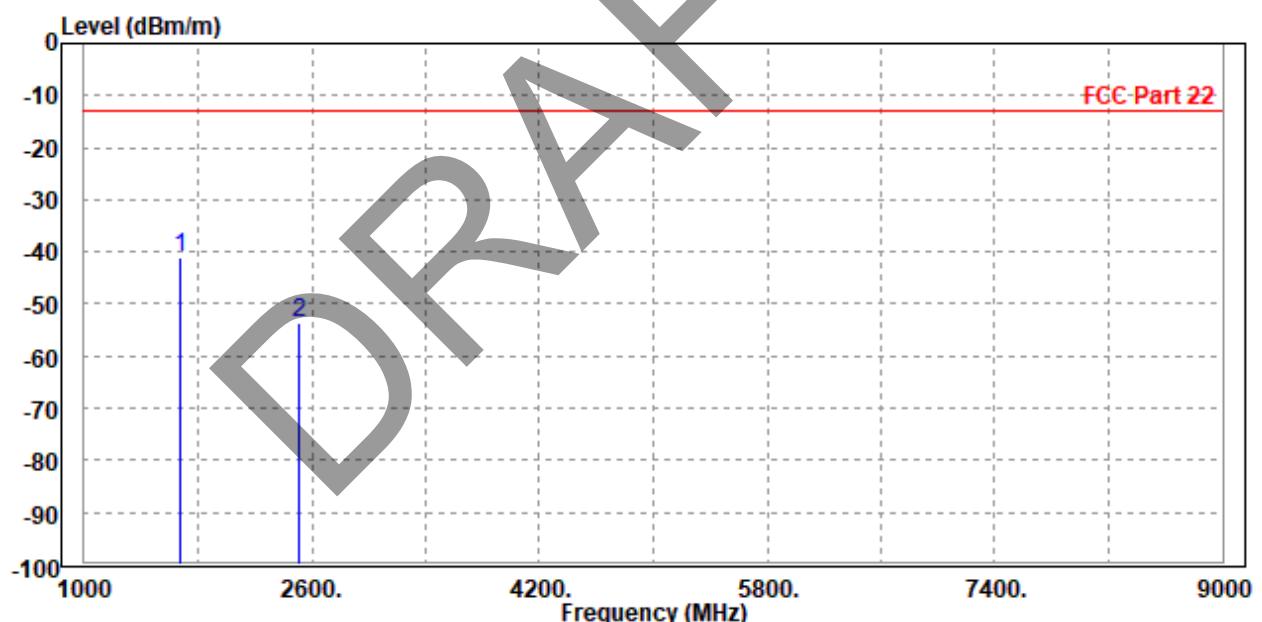


BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

Freq	Level	Read	Limit	Over	Remark	Pol/Phase
		Level	Line	Limit Factor		
MHz	dBm/m	dBm	dBm/m	dB	dB/m	
1 PP	1672.000	-41.15	-44.58	-13.00	-28.15	3.43 Peak
2	2509.500	-53.63	-59.47	-13.00	-40.63	5.84 Peak





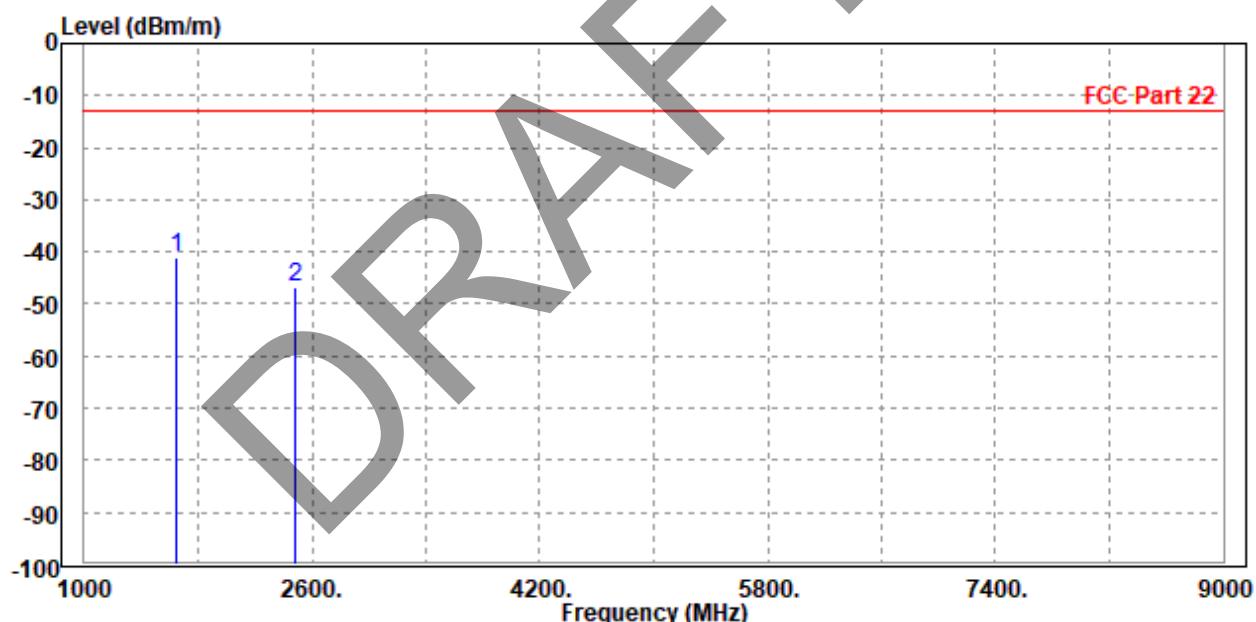
BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

CHANNEL BANDWIDTH: 3MHz / QPSK
CH 26805

MODE	TX channel 26805	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Freq MHz	Read Level dBm/m	Limit Level dBm	Over Line dBm/m	Over Line dB	Over Line dB/m	Remark	Pol/Phase
1 PP 1648.000	-40.96	-44.62	-13.00	-27.96	3.66	Peak	Horizontal
2 2476.500	-46.70	-52.74	-13.00	-33.70	6.04	Peak	Horizontal



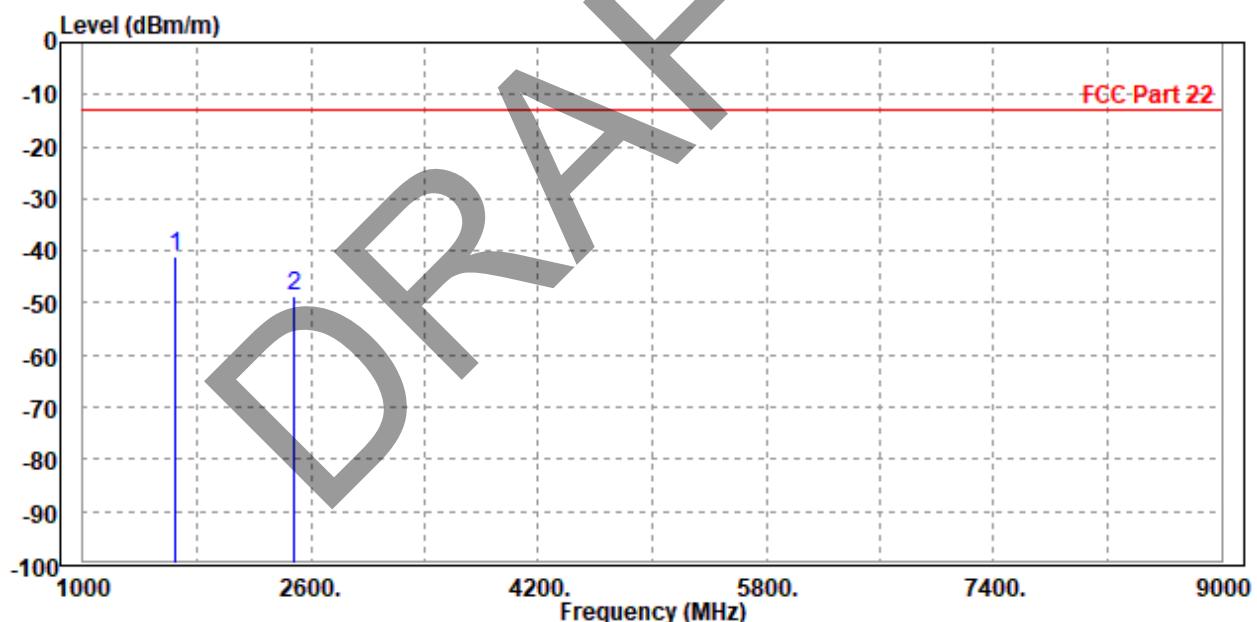


BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

MODE	TX channel 26805	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

Freq	Level	Read	Limit	Over	Factor	Remark	Pol/Phase
		Level	Line	dBm/m			
MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP 1651.000	-41.19	-44.58	-13.00	-28.19	3.39	Peak	Vertical
2 2480.000	-48.74	-54.45	-13.00	-35.74	5.71	Peak	Vertical





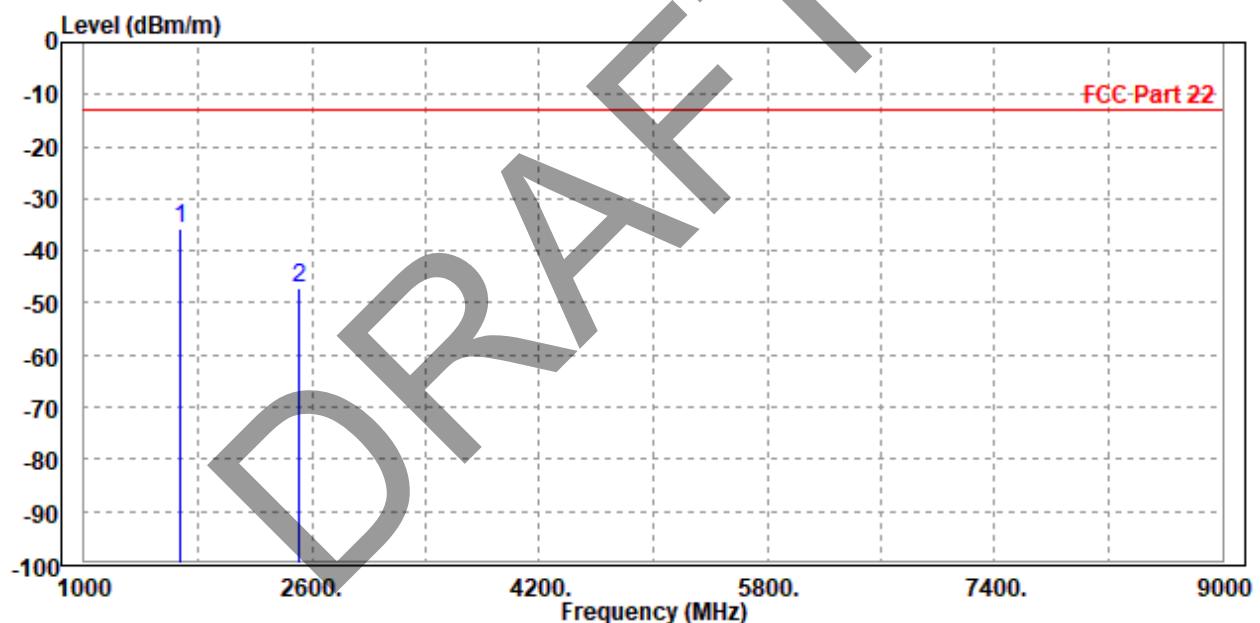
BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

CH 26915

MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Freq	Level	Read	Limit	Over	Remark	Pol/Phase
		Level	Line	Limit Factor		
MHz	dBm/m	dBm	dBm/m	dB	dB/m	
1 PP 1672.000	-35.86	-39.59	-13.00	-22.86	3.73 Peak	Horizontal
2 2509.500	-47.13	-53.27	-13.00	-34.13	6.14 Peak	Horizontal



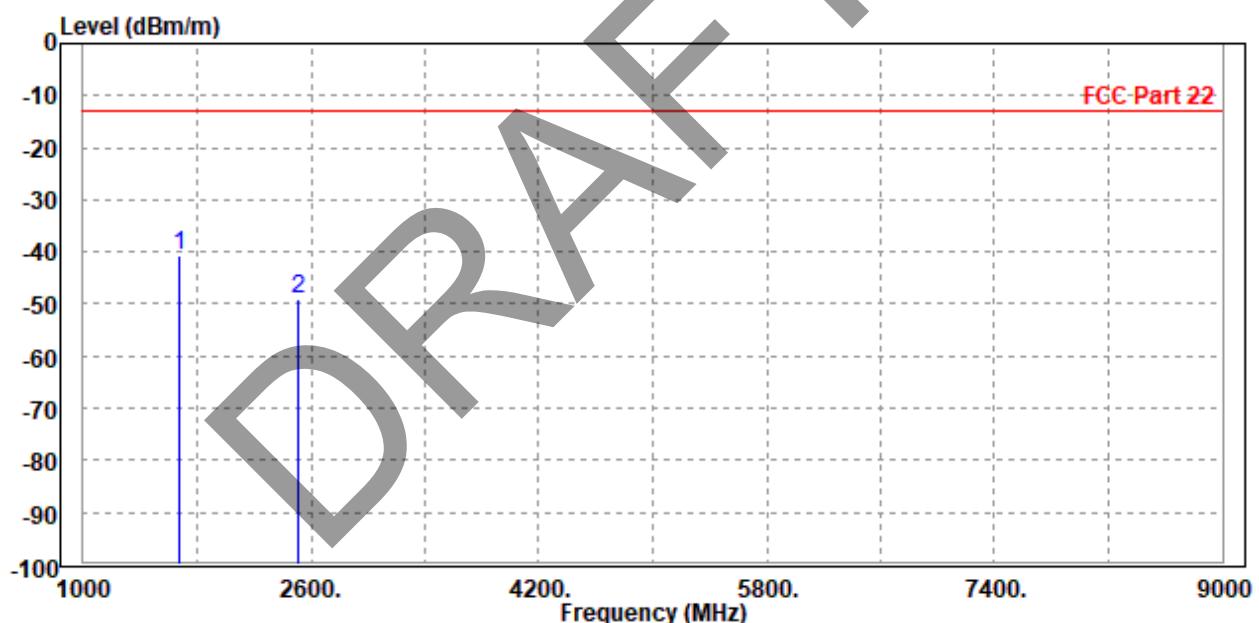


BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Read Level	Limit Level	Over Line	Limit Factor	Over Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP 1673.000	-40.73	-44.16	-13.00	-27.73	3.43	Peak	Vertical
2	2512.000	-49.08	-54.93	-13.00	-36.08	5.85	Peak	Vertical





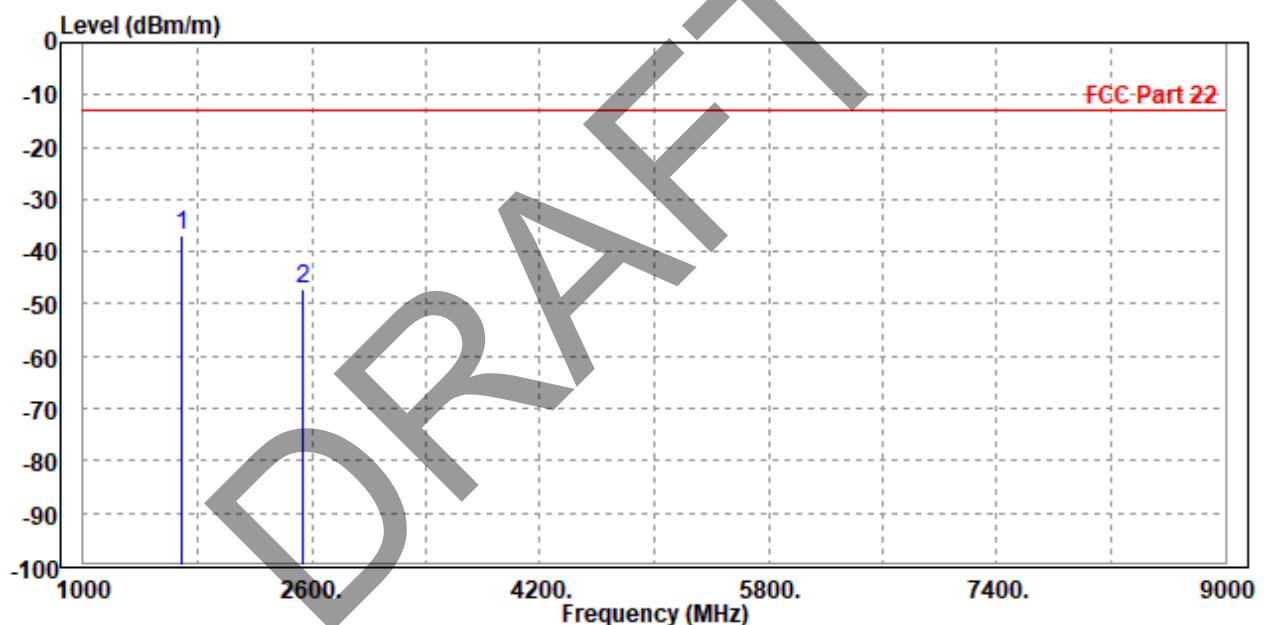
BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

CH 27025

MODE	TX channel 27025	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Freq	Level	Read	Limit	Over	Factor	Remark	Pol/Phase
		Line	Line	Limit			
MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP	1695.000	-36.96	-40.76	-13.00	-23.96	3.80 Peak	Horizontal
2	2544.000	-47.11	-53.40	-13.00	-34.11	6.29 Peak	Horizontal



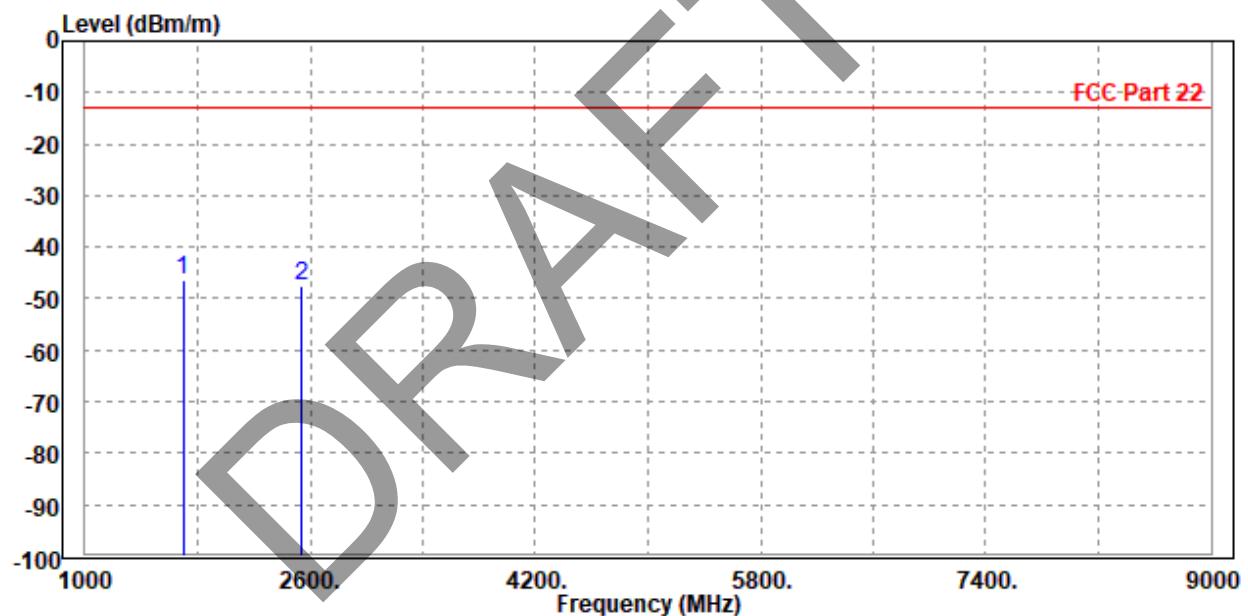


BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

MODE	TX channel 27025	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

Freq	Level	Read	Limit	Over	Factor	Remark	Pol/Phase
		Level	Line	Limit			
MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1 PP	1696.000	-46.34	-49.81	-13.00	-33.34	3.47 Peak	Vertical
2	2542.500	-47.59	-53.63	-13.00	-34.59	6.04 Peak	Vertical





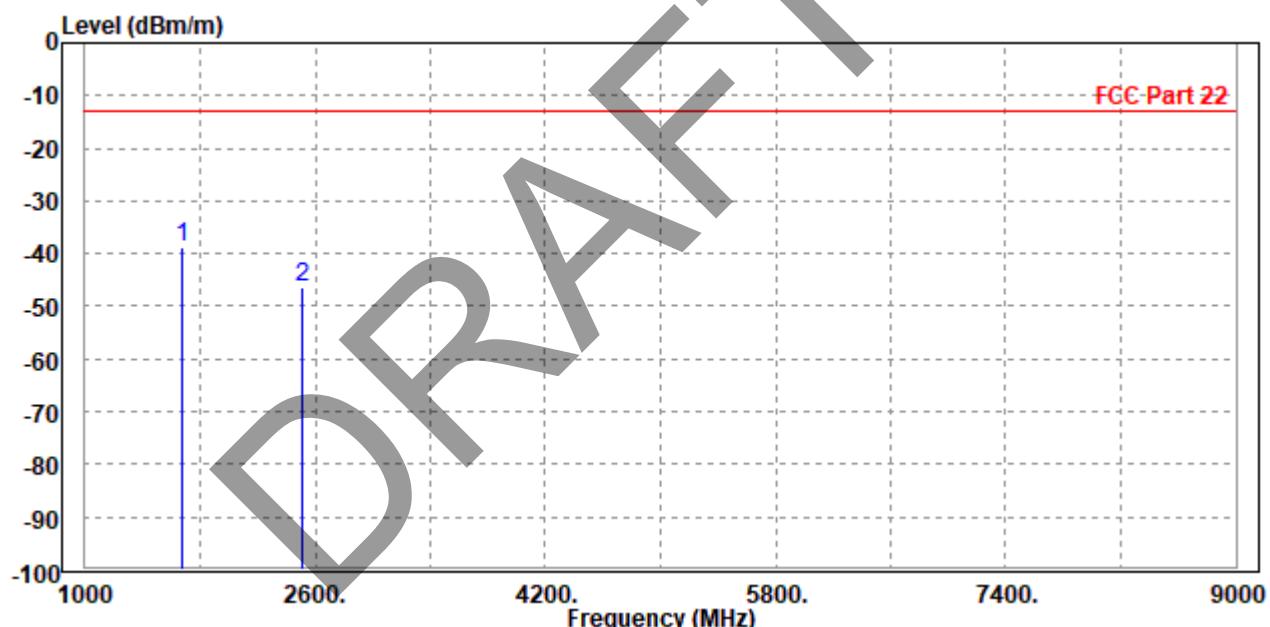
BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

CHANNEL BANDWIDTH: 5MHz / QPSK

MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Freq MHz	Level dBm/m	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
		dBm	dBm/m	dB			
1 PP	1673.000	-38.88	-42.62	-13.00	-25.88	3.74 Peak	Horizontal
2	2512.000	-46.27	-52.42	-13.00	-33.27	6.15 Peak	Horizontal



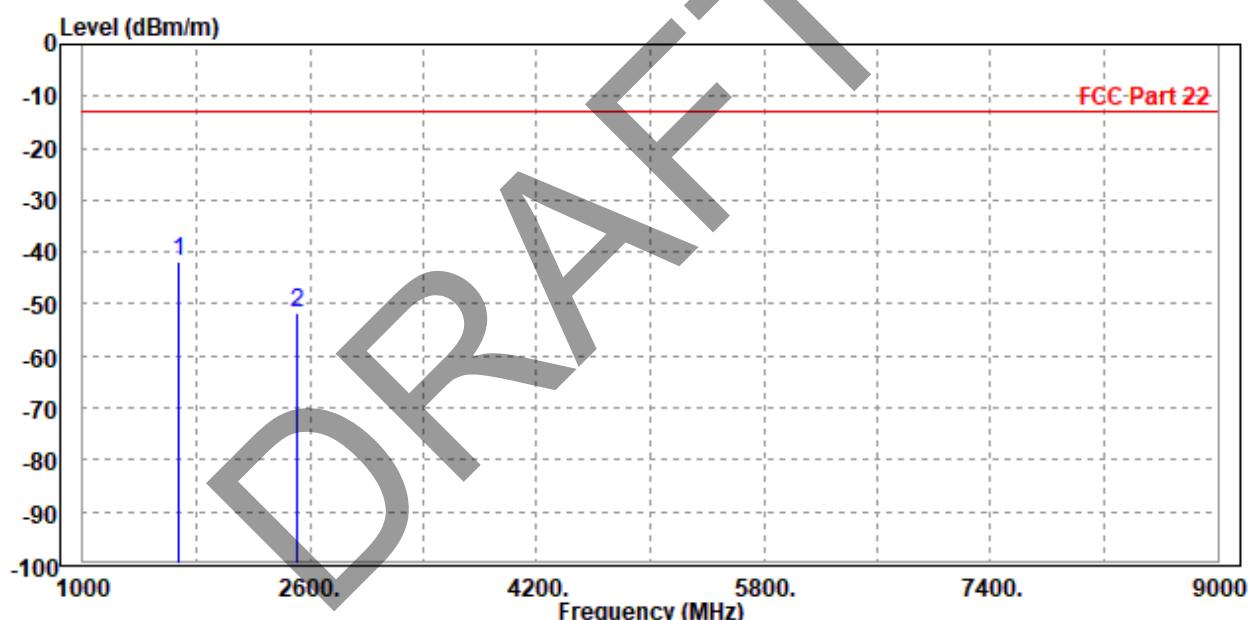


BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

Freq	Level	Read	Limit	Over	Factor	Remark	Pol/Phase	
		Line	Line	dB				
		MHz	dBm/m	dBm	dBm/m	dB	dB/m	
1	PP	1672.000	-41.82	-45.25	-13.00	-28.82	3.43 Peak	Vertical
2		2509.500	-51.72	-57.56	-13.00	-38.72	5.84 Peak	Vertical





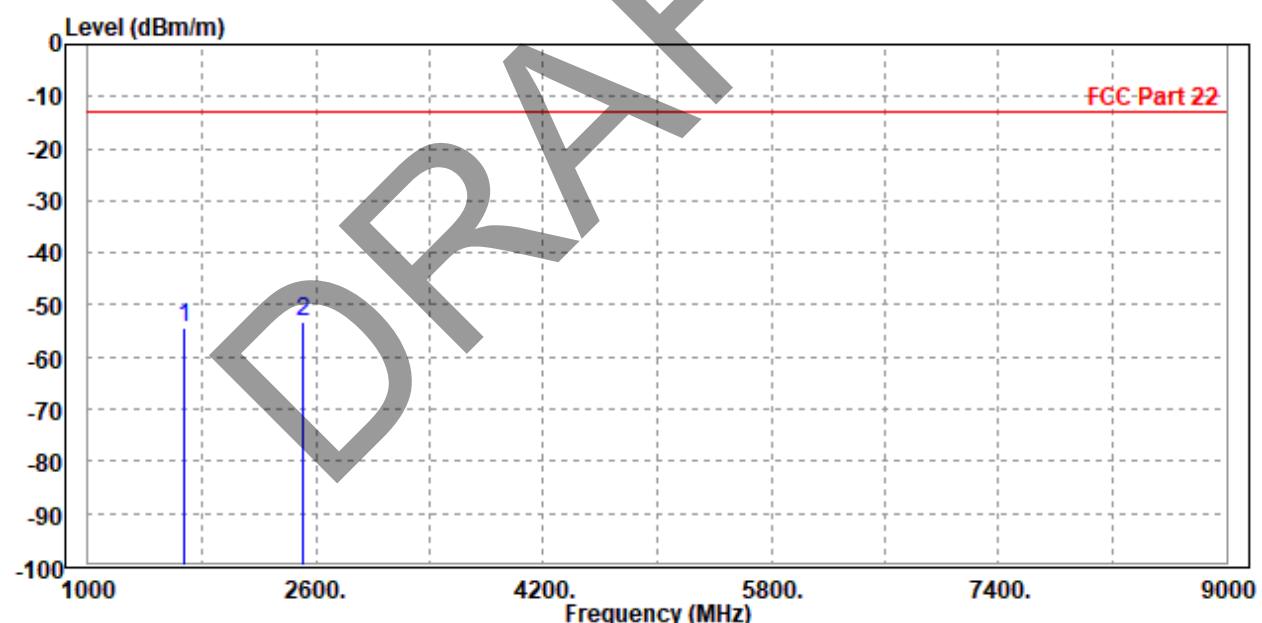
BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

CHANNEL BANDWIDTH: 10MHz / QPSK

MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

	Freq	Read Level	Limit Level	Over Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	1673.000	-54.48	-58.22	-13.00	-41.48	3.74	Peak	Horizontal
2	PP 2512.000	-53.29	-59.44	-13.00	-40.29	6.15	Peak	Horizontal



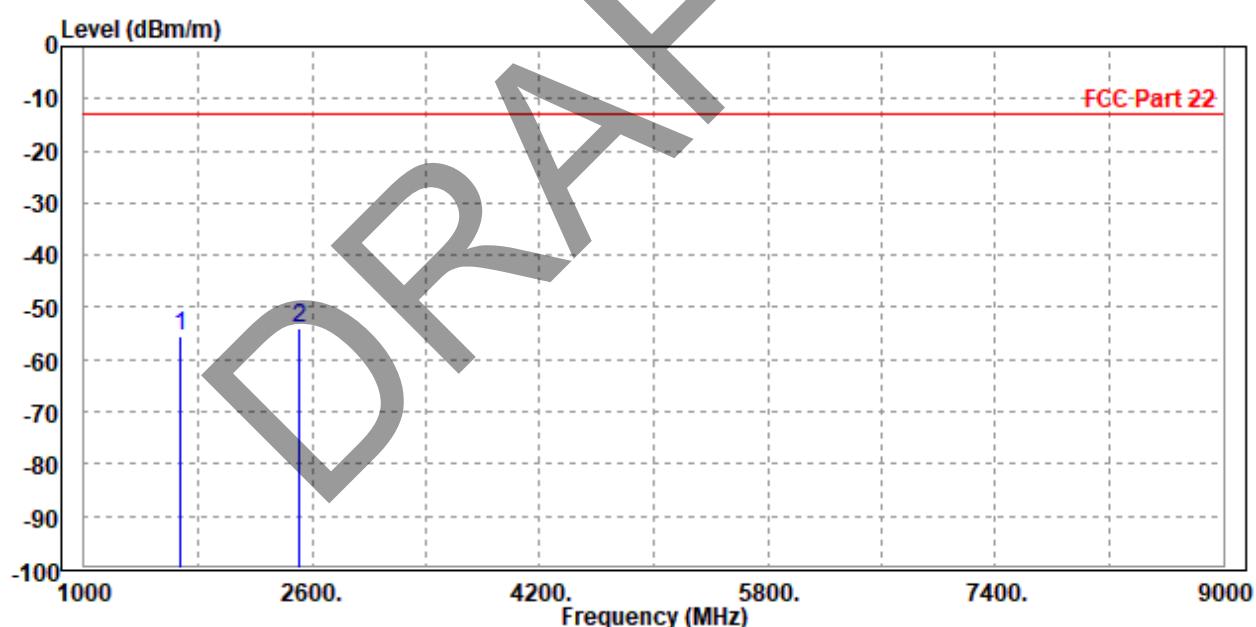


BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

	Freq	Read Level	Limit Level	Over Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB			
1	1672.000	-55.51	-58.94	-13.00	-42.51	3.43	Peak	Vertical
2	PP 2509.500	-54.02	-59.86	-13.00	-41.02	5.84	Peak	Vertical



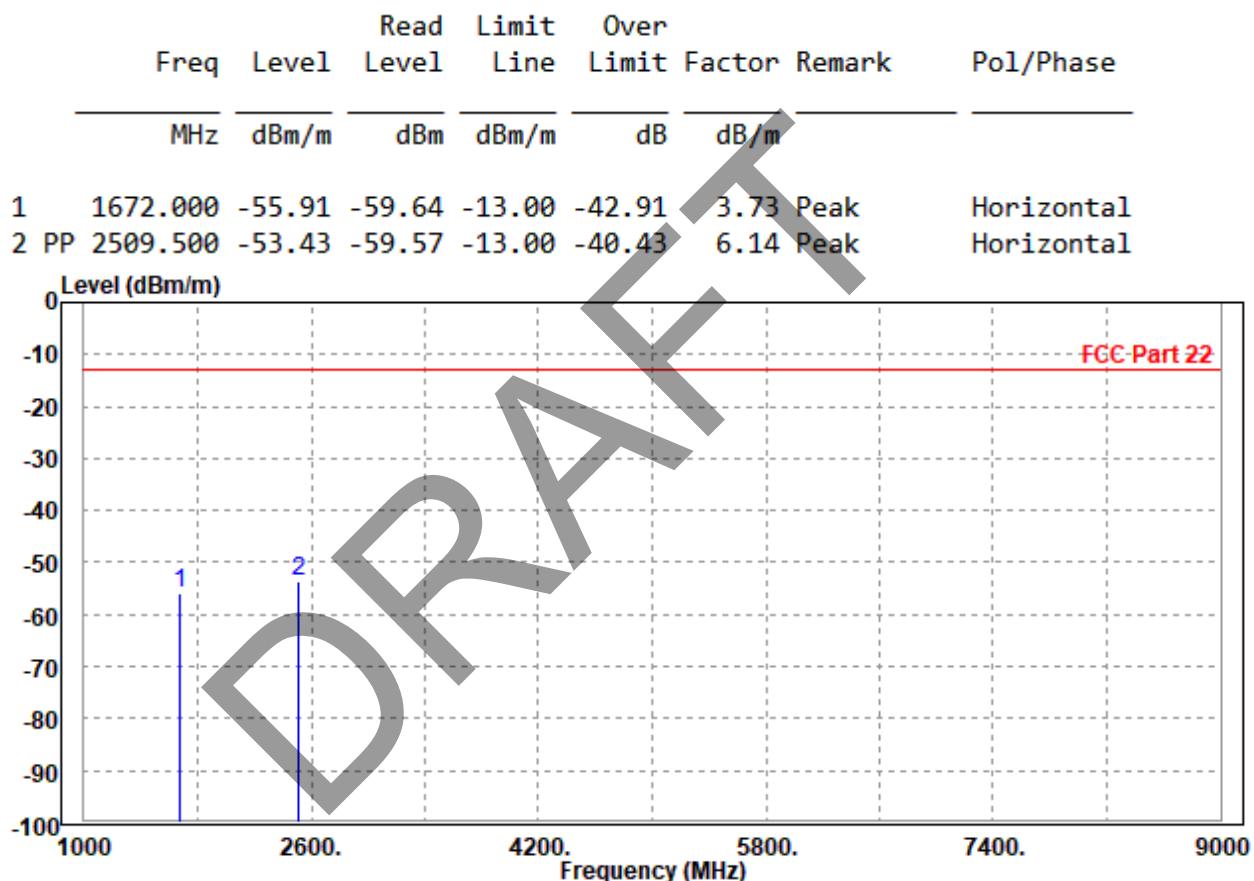


BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

CHANNEL BANDWIDTH: 15MHz / QPSK

MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			



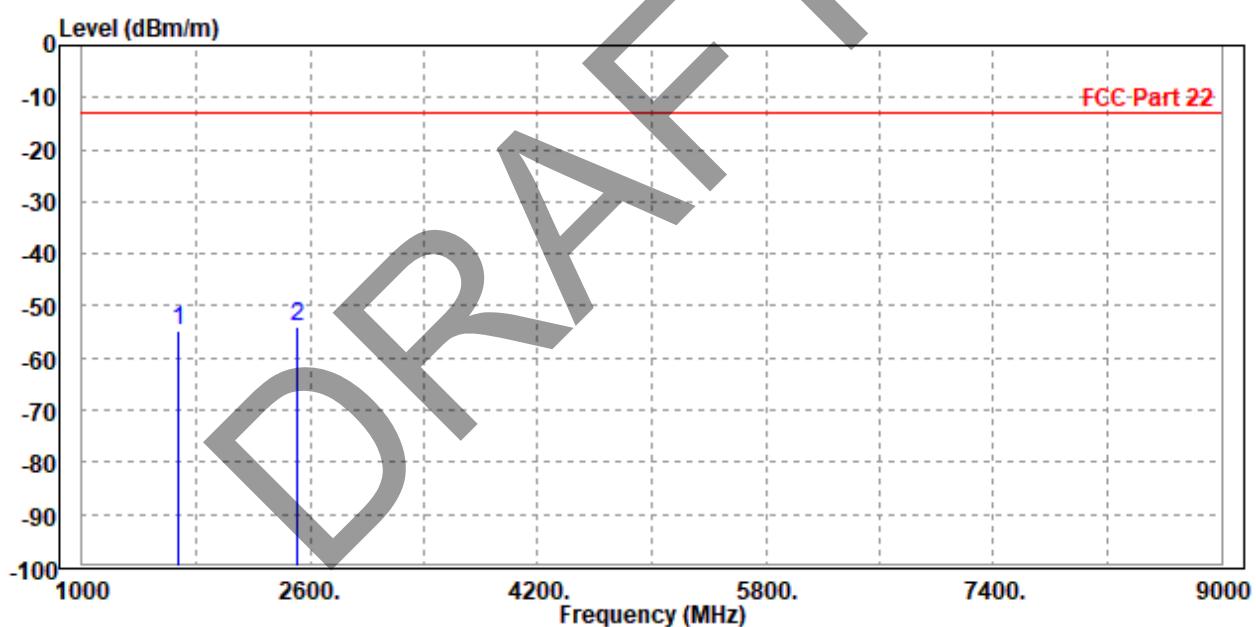


BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

MODE	TX channel 26915	FREQUENCY RANGE	Above 1000MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ
TESTED BY	Jace Hu		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

Freq	Level	Read	Limit	Over	Remark	Pol/Phase
		Level	Line	Limit Factor		
MHz	dBm/m	dBm	dBm/m	dB	dB/m	
1	1673.000	-54.70	-58.13	-13.00	-41.70	3.43 Peak
2 PP	2512.000	-54.10	-59.95	-13.00	-41.10	5.85 Peak





BUREAU
VERITAS

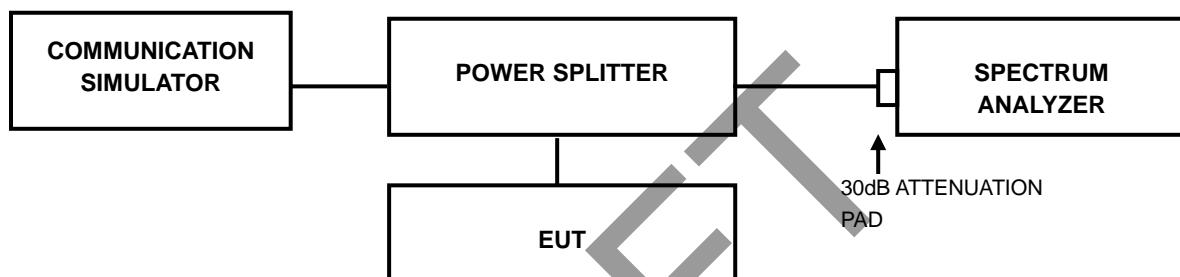
Test Report No.: W7L-P23120015RI01

3.7 PEAK TO AVERAGE RATIO

3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB

3.7.2 TEST SETUP



3.7.3 TEST PROCEDURES

1. Set resolution/measurement bandwidth \geq signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PAPR level associated with a probability of 0.1%.



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

3.7.4 TEST RESULTS

Please Refer to Appendix Of this test report.

DRAFT



4 INFORMATION ON THE TESTING LABORATORIES

We, BV 7Layers Communications Technology (Shenzhen) Co. Ltd, were founded in 2015 to provide our best service in EMC, Radio, and Telecom. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Shenzhen EMC/RF Lab:

Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com

Web Site: www.adt.com.tw

The address and road map of all our labs can be found in our web site also.

DRAFT



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

DRAFT



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

6 APPENDIX

EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA FOR M1

GPRS 850 Test Result

Band	Channel	Slot	Power(dBm)	ERP(dBm)	ERP Limit(dBm)	Verdict
GPRS850	128	1	32.51	33.16	<34.77	PASS
GPRS850	128	2	31.11	31.76	<34.77	PASS
GPRS850	128	3	28.98	29.63	<34.77	PASS
GPRS850	128	4	28.05	28.7	<34.77	PASS
GPRS850	190	1	31.85	32.5	<34.77	PASS
GPRS850	190	2	30.51	31.16	<34.77	PASS
GPRS850	190	3	29.45	30.1	<34.77	PASS
GPRS850	190	4	28.03	28.68	<34.77	PASS
GPRS850	251	1	32.31	32.96	<34.77	PASS
GPRS850	251	2	31.54	32.19	<34.77	PASS
GPRS850	251	3	30.24	30.89	<34.77	PASS
GPRS850	251	4	28.66	29.31	<34.77	PASS

Band	Channel	Slot	Power(dBm)	ERP(dBm)	ERP Limit(dBm)	Verdict
EGPRS850	128	1	26.69	27.34	<34.77	PASS
EGPRS850	128	2	26.39	27.04	<34.77	PASS
EGPRS850	128	3	24.57	25.22	<34.77	PASS
EGPRS850	128	4	23.97	24.62	<34.77	PASS
EGPRS850	190	1	26.21	26.86	<34.77	PASS
EGPRS850	190	2	25.95	26.6	<34.77	PASS
EGPRS850	190	3	24.36	25.01	<34.77	PASS
EGPRS850	190	4	23.99	24.64	<34.77	PASS
EGPRS850	251	1	26.56	27.21	<34.77	PASS
EGPRS850	251	2	26.28	26.93	<34.77	PASS
EGPRS850	251	3	24.58	25.23	<34.77	PASS
EGPRS850	251	4	24.21	24.86	<34.77	PASS

BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band 5 Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dBm)	ERP(dBm)	ERP Limit(dBm)	Verdict
Band5	1.4MHz	20407	QPSK	1	0	Low	22.41	23.06	<34.77	PASS
Band5	1.4MHz	20407	QPSK	1	5	Low	22.28	22.93	<34.77	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	20.34	20.99	<34.77	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	22.73	23.38	<34.77	PASS
Band5	1.4MHz	20525	QPSK	1	5	Low	22.57	23.22	<34.77	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	20.54	21.19	<34.77	PASS
Band5	1.4MHz	20643	QPSK	1	0	High	22.64	23.29	<34.77	PASS
Band5	1.4MHz	20643	QPSK	1	5	High	22.43	23.08	<34.77	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	20.45	21.1	<34.77	PASS
Band5	1.4MHz	20407	16QAM	1	0	Low	21.18	21.83	<34.77	PASS
Band5	1.4MHz	20407	16QAM	1	5	Low	21.3	21.95	<34.77	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	20.43	21.08	<34.77	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	21.56	22.21	<34.77	PASS
Band5	1.4MHz	20525	16QAM	1	5	Low	21.39	22.04	<34.77	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	20.68	21.33	<34.77	PASS
Band5	1.4MHz	20643	16QAM	1	0	High	21.6	22.25	<34.77	PASS
Band5	1.4MHz	20643	16QAM	1	5	High	21.42	22.07	<34.77	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	20.54	21.19	<34.77	PASS
Band5	3MHz	20415	QPSK	1	0	Low	22.47	23.12	<34.77	PASS
Band5	3MHz	20415	QPSK	1	5	Low	22.18	22.83	<34.77	PASS
Band5	3MHz	20415	QPSK	6	0	Low	20.43	21.08	<34.77	PASS
Band5	3MHz	20525	QPSK	1	0	Low	22.77	23.42	<34.77	PASS
Band5	3MHz	20525	QPSK	1	5	Low	22.5	23.15	<34.77	PASS
Band5	3MHz	20525	QPSK	6	0	Low	20.54	21.19	<34.77	PASS
Band5	3MHz	20635	QPSK	1	0	High	22.69	23.34	<34.77	PASS
Band5	3MHz	20635	QPSK	1	5	High	22.41	23.06	<34.77	PASS
Band5	3MHz	20635	QPSK	6	0	High	20.53	21.18	<34.77	PASS
Band5	3MHz	20415	16QAM	1	0	Low	21.43	22.08	<34.77	PASS
Band5	3MHz	20415	16QAM	1	5	Low	21.18	21.83	<34.77	PASS
Band5	3MHz	20415	16QAM	6	0	Low	20.48	21.13	<34.77	PASS
Band5	3MHz	20525	16QAM	1	0	Low	21.42	22.07	<34.77	PASS
Band5	3MHz	20525	16QAM	1	5	Low	21.37	22.02	<34.77	PASS
Band5	3MHz	20525	16QAM	6	0	Low	20.6	21.25	<34.77	PASS
Band5	3MHz	20635	16QAM	1	0	High	21.57	22.22	<34.77	PASS
Band5	3MHz	20635	16QAM	1	5	High	21.4	22.05	<34.77	PASS
Band5	3MHz	20635	16QAM	6	0	High	20.64	21.29	<34.77	PASS



Test Report No.: W7L-P23120015RI01

Band5	5MHz	20425	QPSK	1	0	Low	22.57	23.22	<34.77	PASS
Band5	5MHz	20425	QPSK	1	0	3	22.62	23.27	<34.77	PASS
Band5	5MHz	20425	QPSK	1	5	Low	22.36	23.01	<34.77	PASS
Band5	5MHz	20425	QPSK	6	0	Low	21.34	21.99	<34.77	PASS
Band5	5MHz	20525	QPSK	1	0	Low	22.54	23.19	<34.77	PASS
Band5	5MHz	20525	QPSK	1	5	Low	22.27	22.92	<34.77	PASS
Band5	5MHz	20525	QPSK	6	0	Low	21.61	22.26	<34.77	PASS
Band5	5MHz	20625	QPSK	1	0	High	22.67	23.32	<34.77	PASS
Band5	5MHz	20625	QPSK	1	5	High	22.38	23.03	<34.77	PASS
Band5	5MHz	20625	QPSK	6	0	High	21.55	22.2	<34.77	PASS
Band5	5MHz	20625	QPSK	6	0	3	21.69	22.34	<34.77	PASS
Band5	5MHz	20425	16QAM	1	0	Low	22.4	23.05	<34.77	PASS
Band5	5MHz	20425	16QAM	1	0	3	22.44	23.09	<34.77	PASS
Band5	5MHz	20425	16QAM	1	5	Low	22.33	22.98	<34.77	PASS
Band5	5MHz	20425	16QAM	6	0	Low	21.43	22.08	<34.77	PASS
Band5	5MHz	20525	16QAM	1	0	Low	22.23	22.88	<34.77	PASS
Band5	5MHz	20525	16QAM	1	5	Low	22.15	22.8	<34.77	PASS
Band5	5MHz	20525	16QAM	6	0	Low	21.81	22.46	<34.77	PASS
Band5	5MHz	20625	16QAM	1	0	High	22.43	23.08	<34.77	PASS
Band5	5MHz	20625	16QAM	1	5	High	22.37	23.02	<34.77	PASS
Band5	5MHz	20625	16QAM	6	0	High	21.64	22.29	<34.77	PASS
Band5	5MHz	20625	16QAM	6	0	3	21.69	22.34	<34.77	PASS
Band5	10MHz	20450	QPSK	1	0	Low	22.38	23.03	<34.77	PASS
Band5	10MHz	20450	QPSK	1	0	3	22.44	23.09	<34.77	PASS
Band5	10MHz	20450	QPSK	1	5	Low	22.29	22.94	<34.77	PASS
Band5	10MHz	20450	QPSK	6	0	Low	21.3	21.95	<34.77	PASS
Band5	10MHz	20525	QPSK	1	0	Low	22.58	23.23	<34.77	PASS
Band5	10MHz	20525	QPSK	1	5	Low	22.16	22.81	<34.77	PASS
Band5	10MHz	20525	QPSK	6	0	Low	21.45	22.1	<34.77	PASS
Band5	10MHz	20600	QPSK	1	0	High	22.63	23.28	<34.77	PASS
Band5	10MHz	20600	QPSK	1	5	High	22.37	23.02	<34.77	PASS
Band5	10MHz	20600	QPSK	1	5	4	22.39	23.04	<34.77	PASS
Band5	10MHz	20600	QPSK	4	2	High	22.6	23.25	<34.77	PASS
Band5	10MHz	20600	QPSK	6	0	High	21.56	22.21	<34.77	PASS
Band5	10MHz	20450	16QAM	1	0	Low	22.23	22.88	<34.77	PASS
Band5	10MHz	20450	16QAM	1	0	3	22.47	23.12	<34.77	PASS
Band5	10MHz	20450	16QAM	1	5	Low	22.14	22.79	<34.77	PASS
Band5	10MHz	20450	16QAM	6	0	Low	21.44	22.09	<34.77	PASS
Band5	10MHz	20525	16QAM	1	0	Low	22.21	22.86	<34.77	PASS
Band5	10MHz	20525	16QAM	1	5	Low	22.09	22.74	<34.77	PASS
Band5	10MHz	20525	16QAM	6	0	Low	21.63	22.28	<34.77	PASS
Band5	10MHz	20600	16QAM	1	0	High	22.55	23.2	<34.77	PASS

BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band5	10MHz	20600	16QAM	1	5	High	22.26	22.91	<34.77	PASS
Band5	10MHz	20600	16QAM	1	5	4	22.06	22.71	<34.77	PASS
Band5	10MHz	20600	16QAM	4	2	High	21.65	22.3	<34.77	PASS
Band5	10MHz	20600	16QAM	6	0	High	21.63	22.28	<34.77	PASS

Band 26 Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dBm)	ERP(dBm)	ERP Limit(dBm)	Verdict
Band26	1.4MHz	26797	QPSK	1	0	Low	22.6	23.25	<34.77	PASS
Band26	1.4MHz	26797	QPSK	1	5	Low	22.44	23.09	<34.77	PASS
Band26	1.4MHz	26797	QPSK	6	0	Low	20.45	21.1	<34.77	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	22.83	23.48	<34.77	PASS
Band26	1.4MHz	26915	QPSK	1	5	Low	22.67	23.32	<34.77	PASS
Band26	1.4MHz	26915	QPSK	6	0	Low	20.57	21.22	<34.77	PASS
Band26	1.4MHz	27033	QPSK	1	0	High	22.68	23.33	<34.77	PASS
Band26	1.4MHz	27033	QPSK	1	5	High	22.57	23.22	<34.77	PASS
Band26	1.4MHz	27033	QPSK	6	0	High	20.5	21.15	<34.77	PASS
Band26	1.4MHz	26797	16QAM	1	0	Low	21.53	22.18	<34.77	PASS
Band26	1.4MHz	26797	16QAM	1	5	Low	21.37	22.02	<34.77	PASS
Band26	1.4MHz	26797	16QAM	6	0	Low	20.45	21.1	<34.77	PASS
Band26	1.4MHz	26915	16QAM	1	0	Low	21.61	22.26	<34.77	PASS
Band26	1.4MHz	26915	16QAM	1	5	Low	21.49	22.14	<34.77	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	20.57	21.22	<34.77	PASS
Band26	1.4MHz	27033	16QAM	1	0	High	21.67	22.32	<34.77	PASS
Band26	1.4MHz	27033	16QAM	1	5	High	21.61	22.26	<34.77	PASS
Band26	1.4MHz	27033	16QAM	6	0	High	20.42	21.07	<34.77	PASS
Band26	3MHz	26805	QPSK	1	0	Low	22.65	23.3	<34.77	PASS
Band26	3MHz	26805	QPSK	1	5	Low	22.46	23.11	<34.77	PASS
Band26	3MHz	26805	QPSK	6	0	Low	20.42	21.07	<34.77	PASS
Band26	3MHz	26915	QPSK	1	0	Low	22.83	23.48	<34.77	PASS
Band26	3MHz	26915	QPSK	1	5	Low	22.66	23.31	<34.77	PASS
Band26	3MHz	26915	QPSK	6	0	Low	20.53	21.18	<34.77	PASS
Band26	3MHz	27025	QPSK	1	0	High	22.75	23.4	<34.77	PASS
Band26	3MHz	27025	QPSK	1	5	High	22.64	23.29	<34.77	PASS
Band26	3MHz	27025	QPSK	6	0	High	20.44	21.09	<34.77	PASS
Band26	3MHz	26805	16QAM	1	0	Low	21.56	22.21	<34.77	PASS
Band26	3MHz	26805	16QAM	1	5	Low	21.31	21.96	<34.77	PASS
Band26	3MHz	26805	16QAM	6	0	Low	20.42	21.07	<34.77	PASS
Band26	3MHz	26915	16QAM	1	0	Low	21.64	22.29	<34.77	PASS
Band26	3MHz	26915	16QAM	1	5	Low	21.46	22.11	<34.77	PASS
Band26	3MHz	26915	16QAM	6	0	Low	20.61	21.26	<34.77	PASS

BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band26	3MHz	27025	16QAM	1	0	High	21.69	22.34	<34.77	PASS
Band26	3MHz	27025	16QAM	1	5	High	21.61	22.26	<34.77	PASS
Band26	3MHz	27025	16QAM	6	0	High	20.44	21.09	<34.77	PASS
Band26	5MHz	26815	QPSK	1	0	Low	22.7	23.35	<34.77	PASS
Band26	5MHz	26815	QPSK	1	0	3	22.49	23.14	<34.77	PASS
Band26	5MHz	26815	QPSK	1	5	Low	22.43	23.08	<34.77	PASS
Band26	5MHz	26815	QPSK	6	0	Low	21.41	22.06	<34.77	PASS
Band26	5MHz	26915	QPSK	1	0	Low	22.7	23.35	<34.77	PASS
Band26	5MHz	26915	QPSK	1	5	Low	22.37	23.02	<34.77	PASS
Band26	5MHz	26915	QPSK	6	0	Low	21.66	22.31	<34.77	PASS
Band26	5MHz	27015	QPSK	1	0	High	22.94	23.59	<34.77	PASS
Band26	5MHz	27015	QPSK	1	5	High	22.58	23.23	<34.77	PASS
Band26	5MHz	27015	QPSK	6	0	High	21.62	22.27	<34.77	PASS
Band26	5MHz	27015	QPSK	6	0	3	21.62	22.27	<34.77	PASS
Band26	5MHz	26815	16QAM	1	0	Low	22.56	23.21	<34.77	PASS
Band26	5MHz	26815	16QAM	1	0	3	22.64	23.29	<34.77	PASS
Band26	5MHz	26815	16QAM	1	5	Low	22.25	22.9	<34.77	PASS
Band26	5MHz	26815	16QAM	6	0	Low	21.47	22.12	<34.77	PASS
Band26	5MHz	26915	16QAM	1	0	Low	22.32	22.97	<34.77	PASS
Band26	5MHz	26915	16QAM	1	5	Low	22.25	22.9	<34.77	PASS
Band26	5MHz	26915	16QAM	6	0	Low	21.75	22.4	<34.77	PASS
Band26	5MHz	27015	16QAM	1	0	High	22.69	23.34	<34.77	PASS
Band26	5MHz	27015	16QAM	1	5	High	22.49	23.14	<34.77	PASS
Band26	5MHz	27015	16QAM	6	0	High	21.71	22.36	<34.77	PASS
Band26	5MHz	27015	16QAM	6	0	3	21.79	22.44	<34.77	PASS
Band26	10MHz	26840	QPSK	1	0	Low	22.6	23.25	<34.77	PASS
Band26	10MHz	26840	QPSK	1	0	3	22.64	23.29	<34.77	PASS
Band26	10MHz	26840	QPSK	1	5	Low	22.34	22.99	<34.77	PASS
Band26	10MHz	26840	QPSK	4	0	Low	22.53	23.18	<34.77	PASS
Band26	10MHz	26840	QPSK	6	0	Low	21.35	22	<34.77	PASS
Band26	10MHz	26915	QPSK	1	0	Low	22.53	23.18	<34.77	PASS
Band26	10MHz	26915	QPSK	1	5	Low	22.34	22.99	<34.77	PASS
Band26	10MHz	26915	QPSK	4	0	Low	22.75	23.4	<34.77	PASS
Band26	10MHz	26915	QPSK	6	0	Low	21.51	22.16	<34.77	PASS
Band26	10MHz	26990	QPSK	1	0	High	22.84	23.49	<34.77	PASS
Band26	10MHz	26990	QPSK	1	5	High	22.6	23.25	<34.77	PASS
Band26	10MHz	26990	QPSK	1	5	4	22.52	23.17	<34.77	PASS
Band26	10MHz	26990	QPSK	4	2	High	22.81	23.46	<34.77	PASS
Band26	10MHz	26990	QPSK	6	0	High	21.58	22.23	<34.77	PASS
Band26	10MHz	26840	16QAM	1	0	Low	22.44	23.09	<34.77	PASS
Band26	10MHz	26840	16QAM	1	0	3	22.54	23.19	<34.77	PASS
Band26	10MHz	26840	16QAM	1	5	Low	22.4	23.05	<34.77	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band26	10MHz	26840	16QAM	4	0	Low	21.66	22.31	<34.77	PASS
Band26	10MHz	26840	16QAM	6	0	Low	21.44	22.09	<34.77	PASS
Band26	10MHz	26915	16QAM	1	0	Low	22.4	23.05	<34.77	PASS
Band26	10MHz	26915	16QAM	1	5	Low	22.22	22.87	<34.77	PASS
Band26	10MHz	26915	16QAM	4	0	Low	21.48	22.13	<34.77	PASS
Band26	10MHz	26915	16QAM	6	0	Low	21.62	22.27	<34.77	PASS
Band26	10MHz	26990	16QAM	1	0	High	22.8	23.45	<34.77	PASS
Band26	10MHz	26990	16QAM	1	5	High	22.46	23.11	<34.77	PASS
Band26	10MHz	26990	16QAM	4	2	High	21.8	22.45	<34.77	PASS
Band26	10MHz	26990	16QAM	6	0	High	21.72	22.37	<34.77	PASS
Band26	15MHz	26865	QPSK	1	0	Low	22.6	23.25	<34.77	PASS
Band26	15MHz	26865	QPSK	1	0	3	22.77	23.42	<34.77	PASS
Band26	15MHz	26865	QPSK	1	5	Low	22.51	23.16	<34.77	PASS
Band26	15MHz	26865	QPSK	6	0	Low	22.51	23.16	<34.77	PASS
Band26	15MHz	26915	QPSK	1	0	Low	22.53	23.18	<34.77	PASS
Band26	15MHz	26915	QPSK	1	5	Low	22.24	22.89	<34.77	PASS
Band26	15MHz	26915	QPSK	6	0	Low	22.6	23.25	<34.77	PASS
Band26	15MHz	26965	QPSK	1	0	High	22.86	23.51	<34.77	PASS
Band26	15MHz	26965	QPSK	1	5	High	22.63	23.28	<34.77	PASS
Band26	15MHz	26965	QPSK	1	5	8	22.61	23.26	<34.77	PASS
Band26	15MHz	26965	QPSK	6	0	High	22.63	23.28	<34.77	PASS
Band26	15MHz	26865	16QAM	1	0	Low	22.5	23.15	<34.77	PASS
Band26	15MHz	26865	16QAM	1	0	3	22.72	23.37	<34.77	PASS
Band26	15MHz	26865	16QAM	1	5	Low	22.19	22.84	<34.77	PASS
Band26	15MHz	26865	16QAM	6	0	Low	22.49	23.14	<34.77	PASS
Band26	15MHz	26915	16QAM	1	0	Low	22.35	23	<34.77	PASS
Band26	15MHz	26915	16QAM	1	5	Low	22.21	22.86	<34.77	PASS
Band26	15MHz	26915	16QAM	6	0	Low	22.72	23.37	<34.77	PASS
Band26	15MHz	26965	16QAM	1	0	High	22.57	23.22	<34.77	PASS
Band26	15MHz	26965	16QAM	1	5	High	22.45	23.1	<34.77	PASS
Band26	15MHz	26965	16QAM	1	5	8	22.4	23.05	<34.77	PASS
Band26	15MHz	26965	16QAM	6	0	High	22.89	23.54	<34.77	PASS



BUREAU
VERITAS

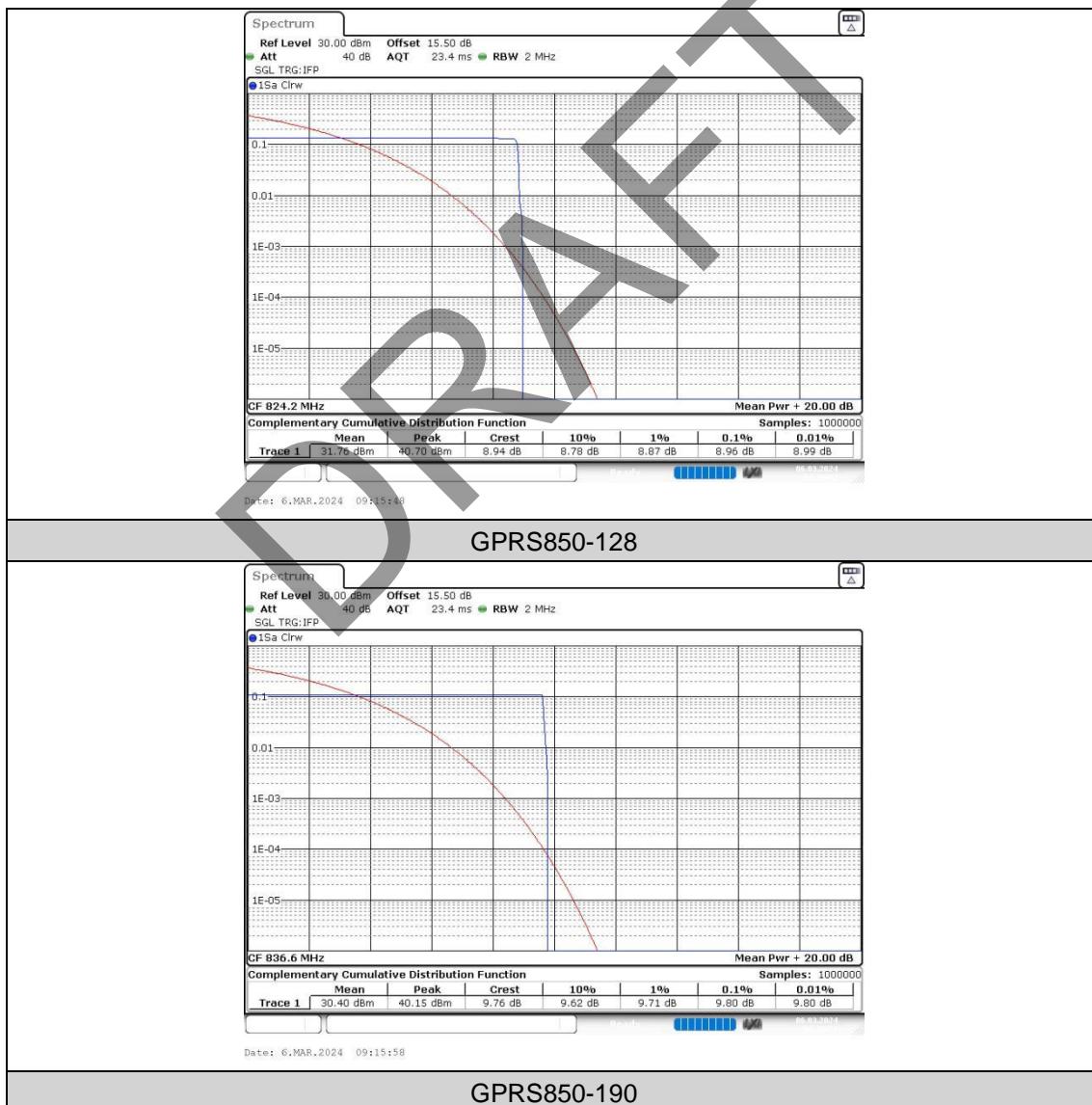
Test Report No.: W7L-P23120015RI01

PEAK-TO-AVERAGE RATIO(CCDF) FOR M1

GPRS 850 Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GPRS850	128	8.96	13	PASS
GPRS850	190	9.8	13	PASS
GPRS850	251	9.77	13	PASS
EGPRS850	128	12.03	13	PASS
EGPRS850	190	12.03	13	PASS
EGPRS850	251	11.91	13	PASS

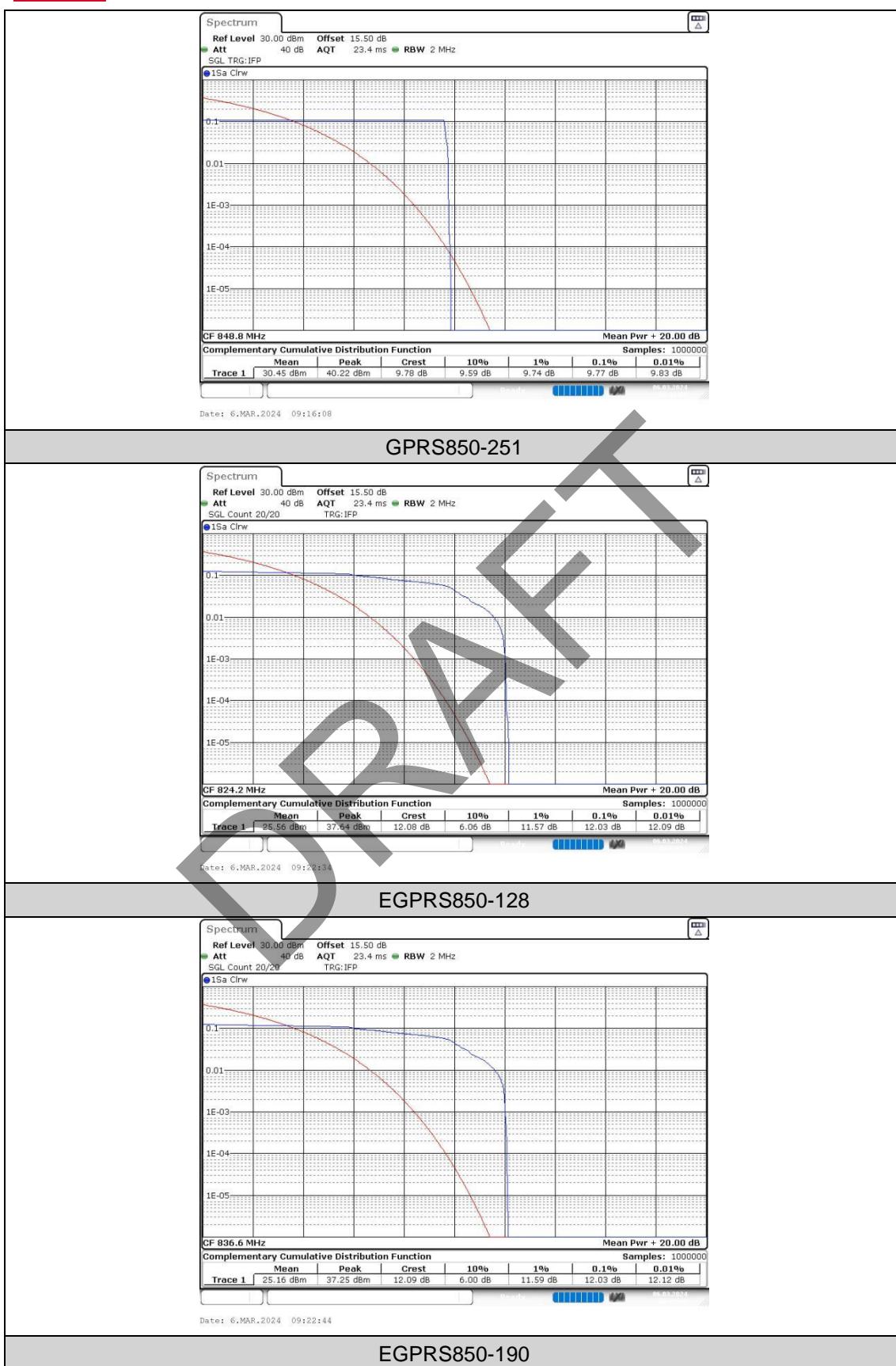
GPRS 850 Test Graphs





BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

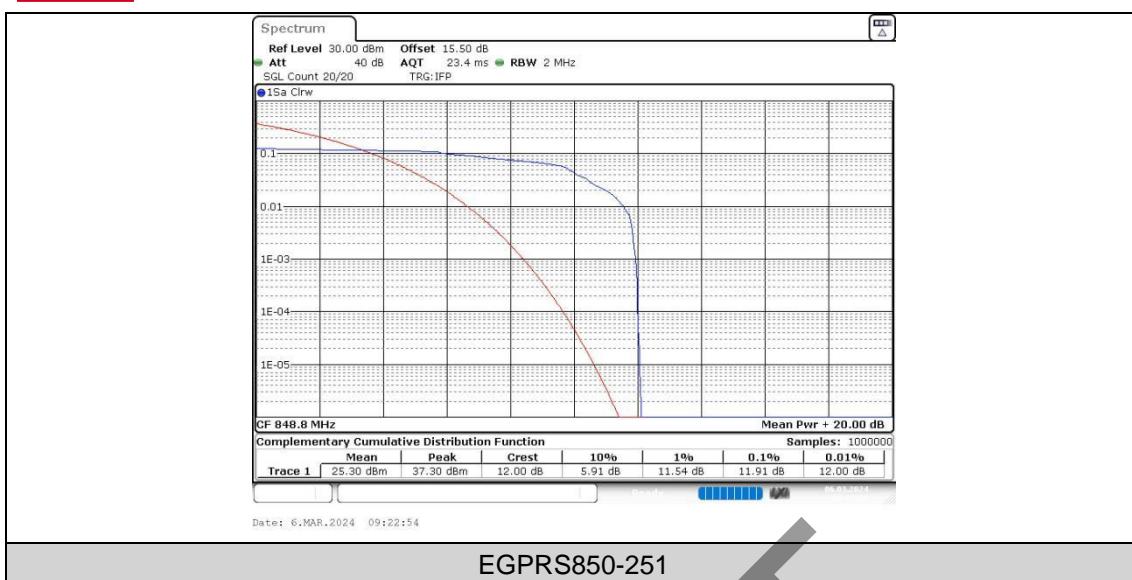
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



DRAFT

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band 5 Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	20407	QPSK	1	0	Low	8.46	<=13	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	10.12	<=13	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	8.32	<=13	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	11.62	<=13	PASS
Band5	1.4MHz	20643	QPSK	1	0	High	10.61	<=13	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	10.43	<=13	PASS
Band5	1.4MHz	20407	16QAM	1	0	Low	11.45	<=13	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	11.74	<=13	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	12.09	<=13	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	11.65	<=13	PASS
Band5	1.4MHz	20643	16QAM	1	0	High	9.25	<=13	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	9.88	<=13	PASS
Band5	3MHz	20415	QPSK	1	0	Low	8.49	<=13	PASS
Band5	3MHz	20415	QPSK	6	0	Low	11.62	<=13	PASS
Band5	3MHz	20525	QPSK	1	0	Low	10.84	<=13	PASS
Band5	3MHz	20525	QPSK	6	0	Low	10.29	<=13	PASS
Band5	3MHz	20635	QPSK	1	0	High	9.51	<=13	PASS
Band5	3MHz	20635	QPSK	6	0	High	11.68	<=13	PASS
Band5	3MHz	20415	16QAM	1	0	Low	9.57	<=13	PASS
Band5	3MHz	20415	16QAM	6	0	Low	9.04	<=13	PASS
Band5	3MHz	20525	16QAM	1	0	Low	9.83	<=13	PASS
Band5	3MHz	20525	16QAM	6	0	Low	10.23	<=13	PASS
Band5	3MHz	20635	16QAM	1	0	High	10.58	<=13	PASS
Band5	3MHz	20635	16QAM	6	0	High	11.71	<=13	PASS
Band5	5MHz	20425	QPSK	1	0	Low	8.38	<=13	PASS
Band5	5MHz	20425	QPSK	6	0	Low	8.70	<=13	PASS
Band5	5MHz	20525	QPSK	1	0	Low	9.48	<=13	PASS
Band5	5MHz	20525	QPSK	6	0	Low	8.64	<=13	PASS
Band5	5MHz	20625	QPSK	1	0	High	9.39	<=13	PASS
Band5	5MHz	20625	QPSK	6	0	High	11.48	<=13	PASS
Band5	5MHz	20425	16QAM	1	0	Low	10.06	<=13	PASS
Band5	5MHz	20425	16QAM	6	0	Low	8.67	<=13	PASS
Band5	5MHz	20525	16QAM	1	0	Low	9.07	<=13	PASS
Band5	5MHz	20525	16QAM	6	0	Low	9.94	<=13	PASS
Band5	5MHz	20625	16QAM	1	0	High	9.04	<=13	PASS
Band5	5MHz	20625	16QAM	6	0	High	10.35	<=13	PASS
Band5	10MHz	20450	QPSK	1	0	Low	5.48	<=13	PASS
Band5	10MHz	20450	QPSK	6	0	Low	10.99	<=13	PASS
Band5	10MHz	20525	QPSK	1	0	Low	11.19	<=13	PASS
Band5	10MHz	20525	QPSK	6	0	Low	9.94	<=13	PASS
Band5	10MHz	20600	QPSK	1	0	High	10.61	<=13	PASS
Band5	10MHz	20600	QPSK	6	0	High	8.81	<=13	PASS
Band5	10MHz	20450	16QAM	1	0	Low	8.87	<=13	PASS
Band5	10MHz	20450	16QAM	6	0	Low	8.67	<=13	PASS
Band5	10MHz	20525	16QAM	1	0	Low	9.59	<=13	PASS
Band5	10MHz	20525	16QAM	6	0	Low	9.91	<=13	PASS

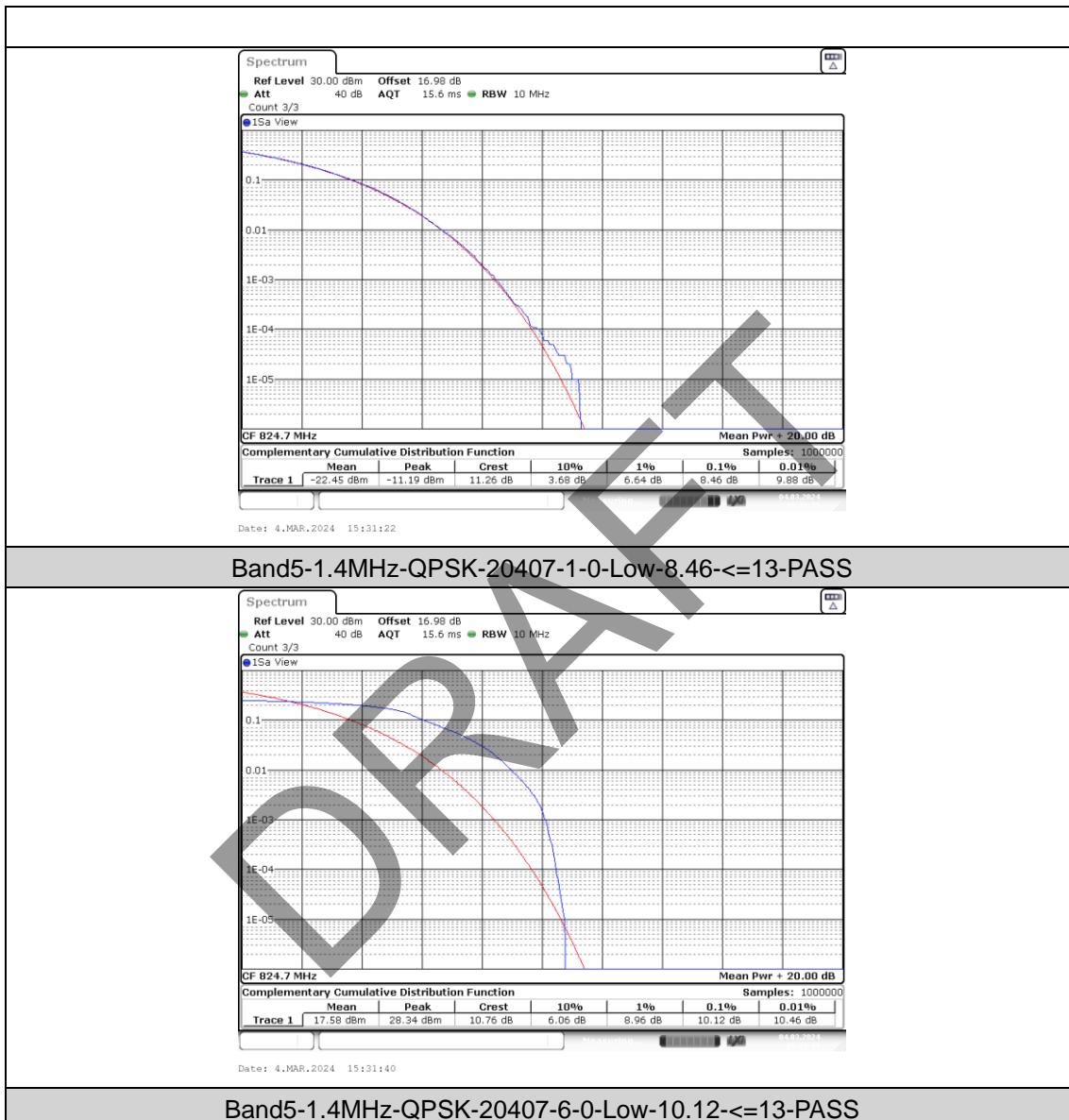


BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band5	10MHz	20600	16QAM	1	0	High	8.84	<=13	PASS
Band5	10MHz	20600	16QAM	6	0	High	8.64	<=13	PASS

Band 5 Test Graphs



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

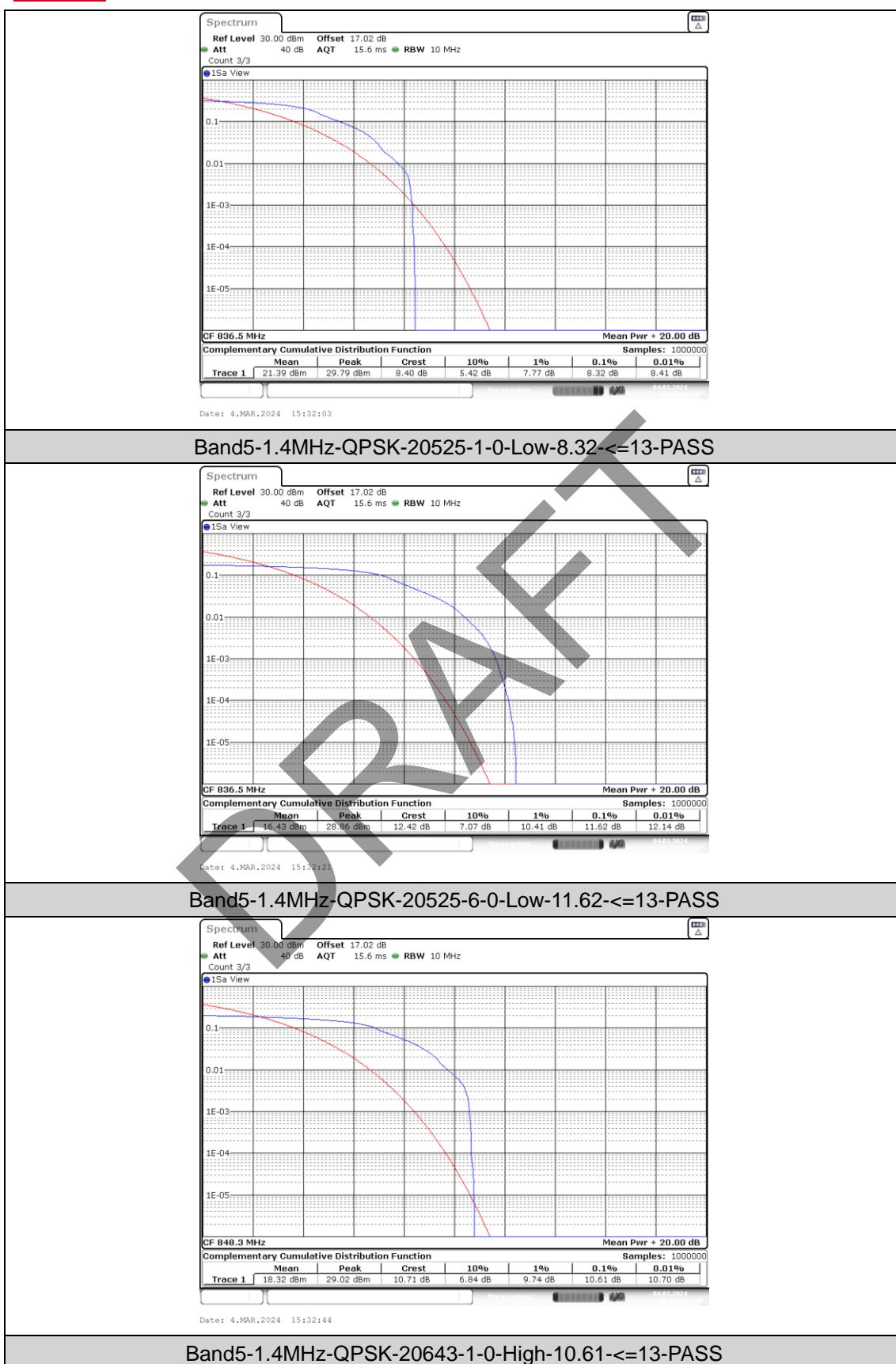
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

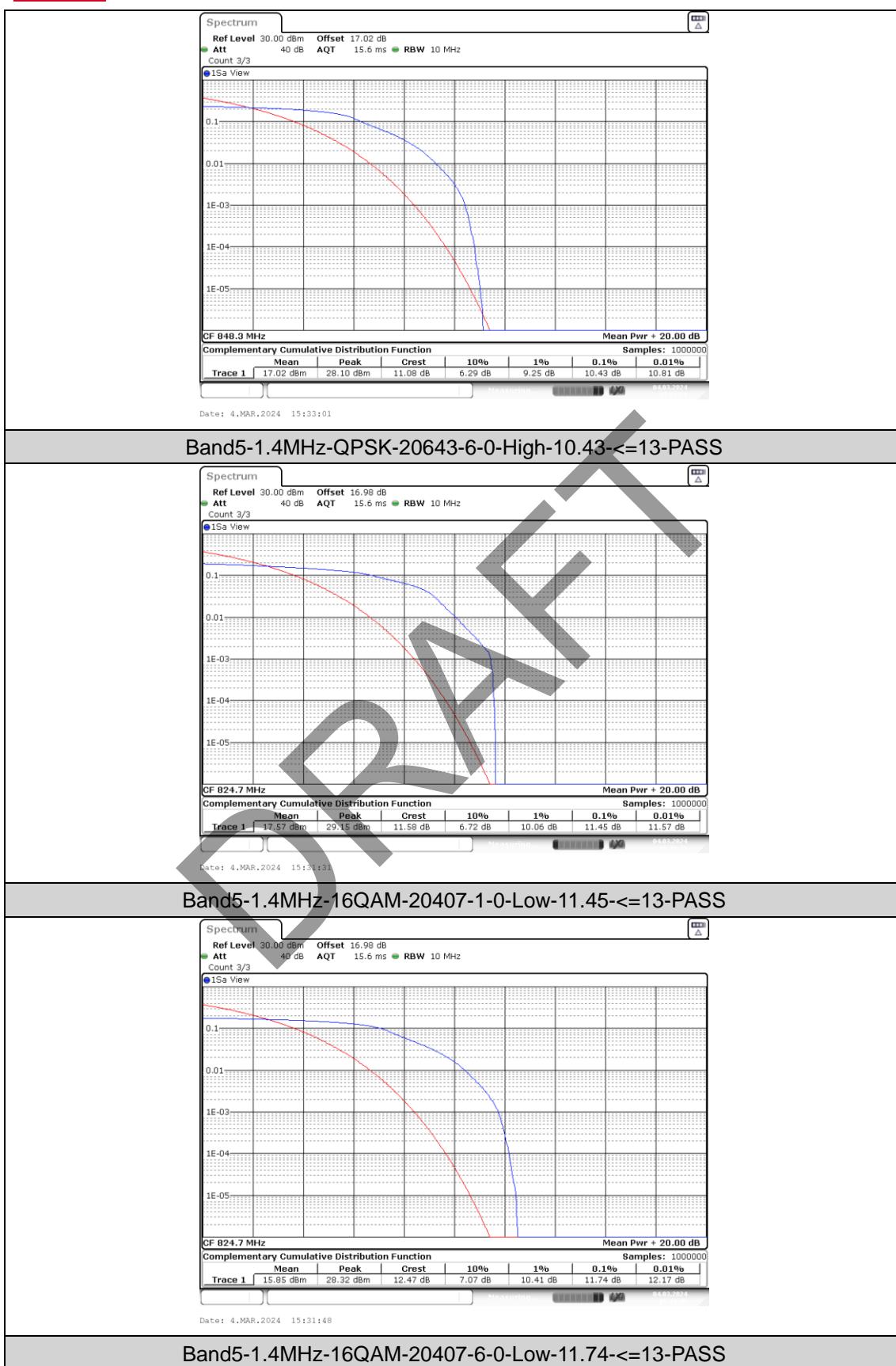
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

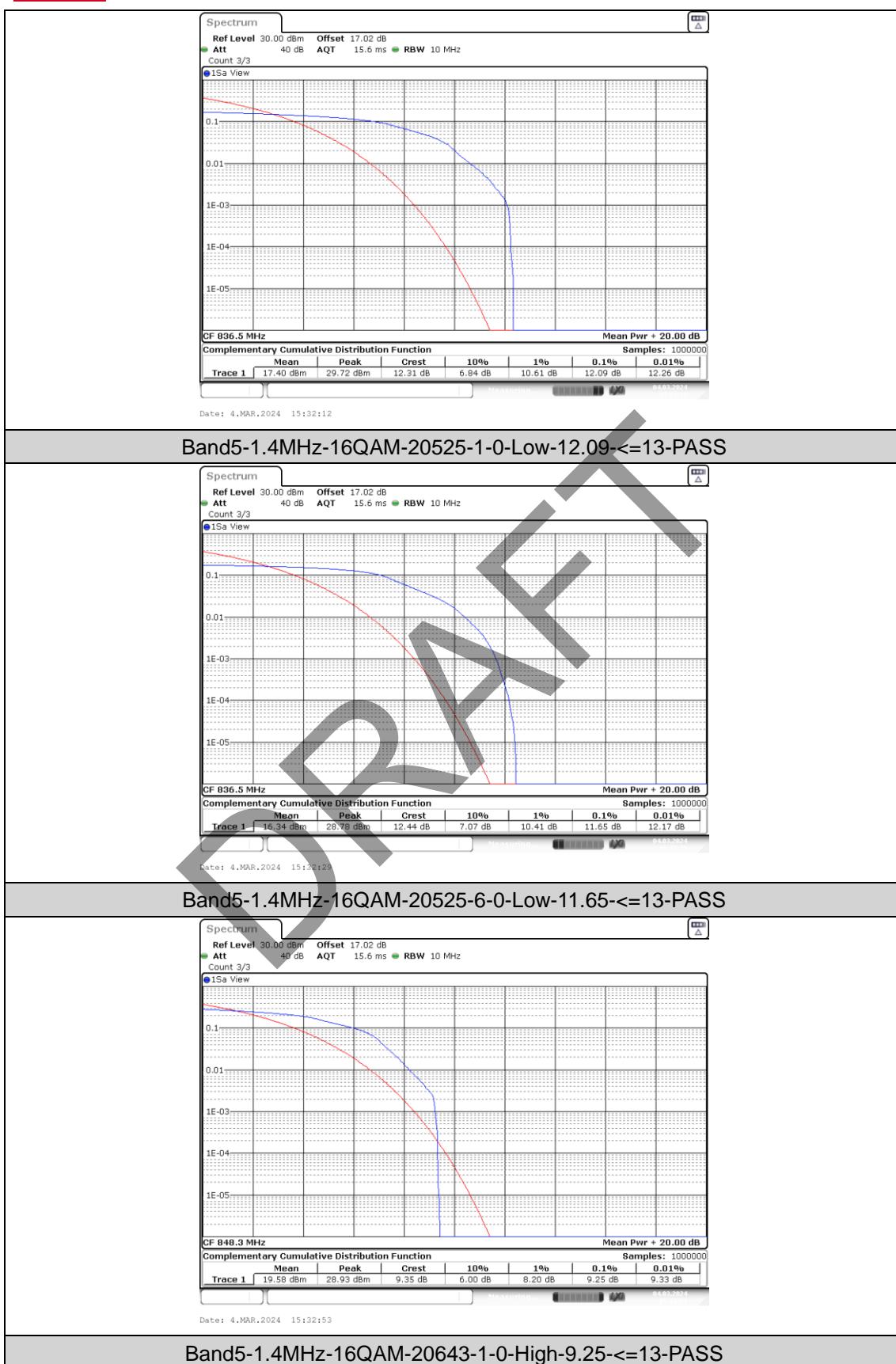
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

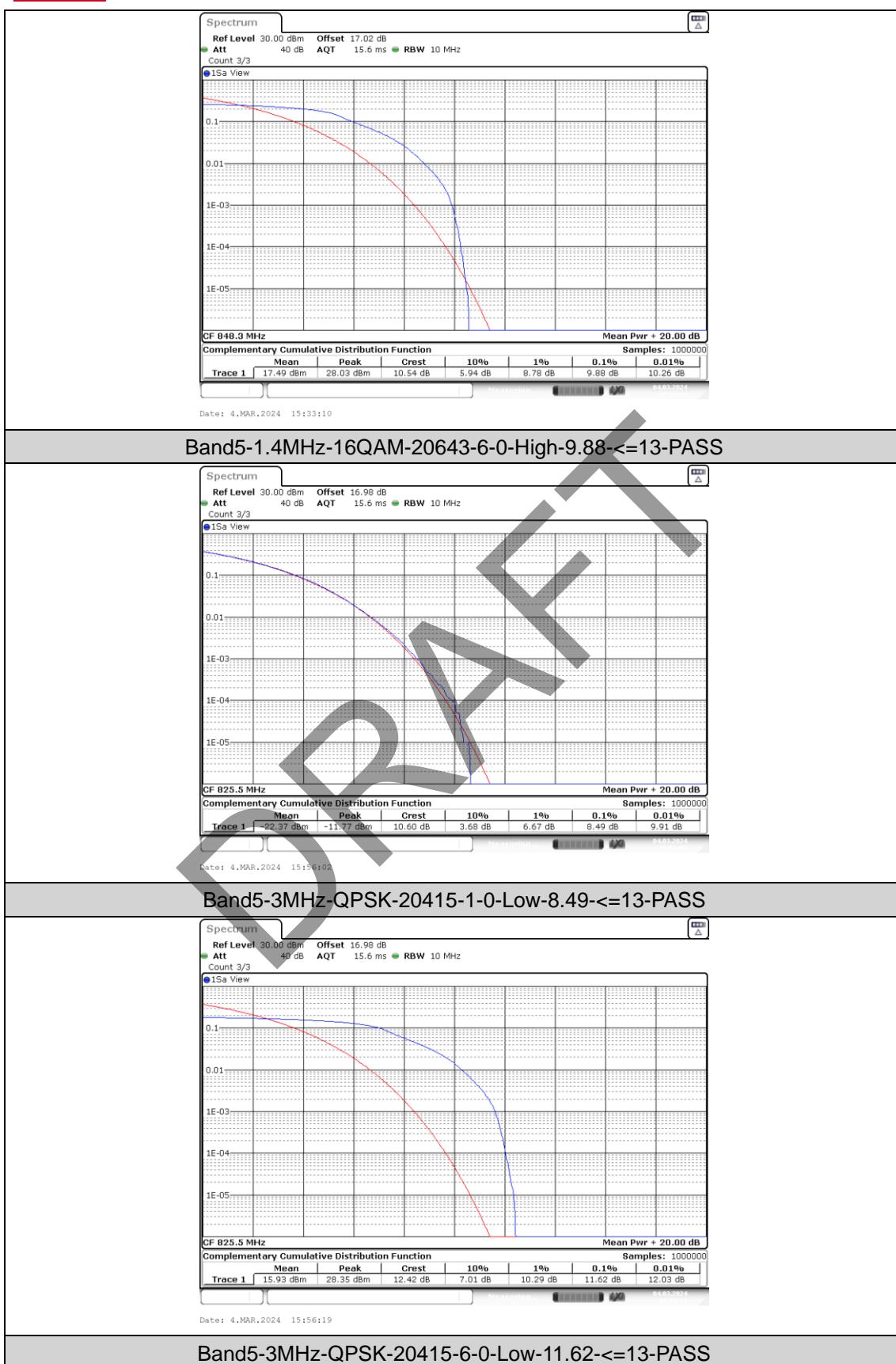
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

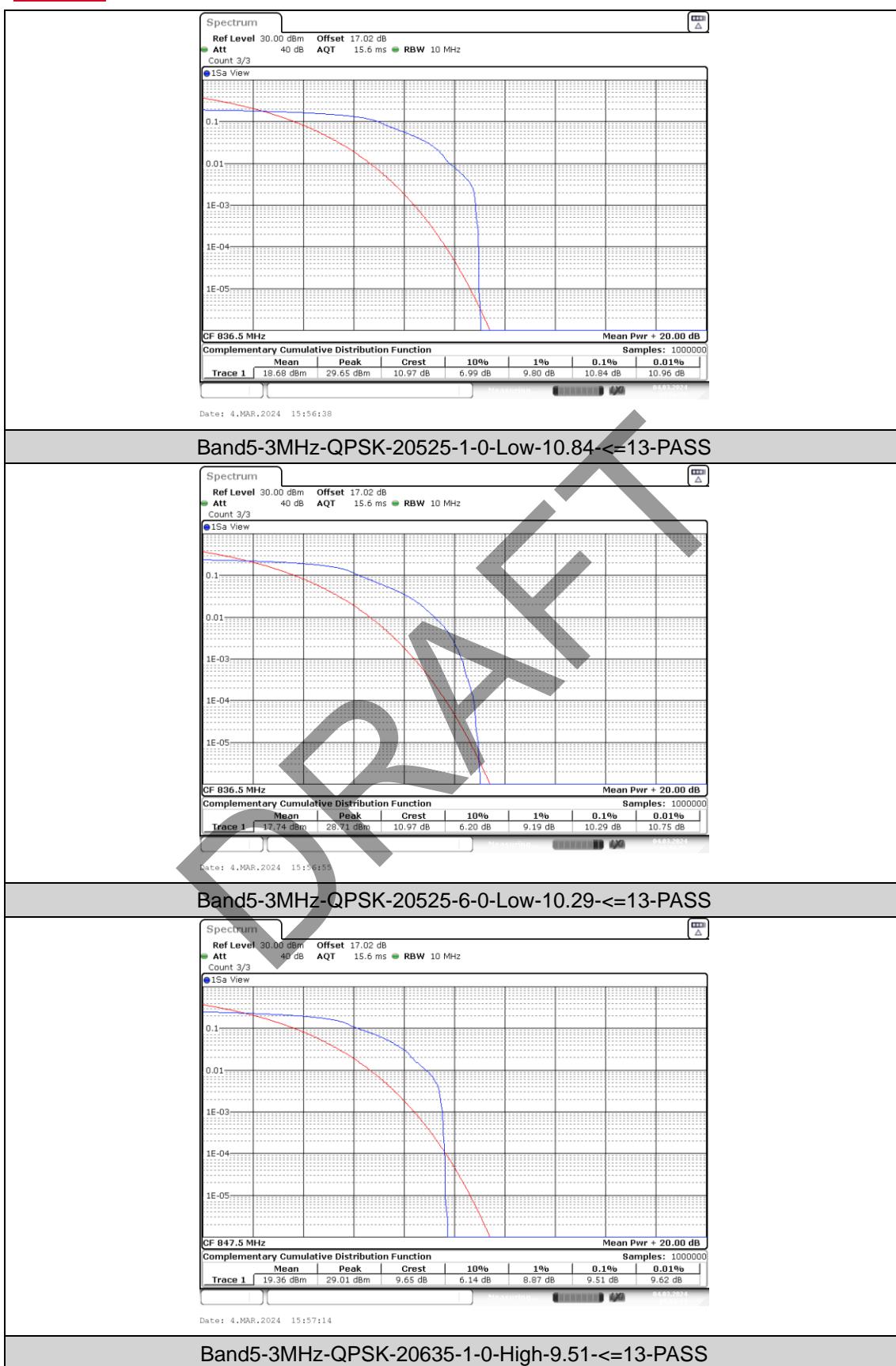
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

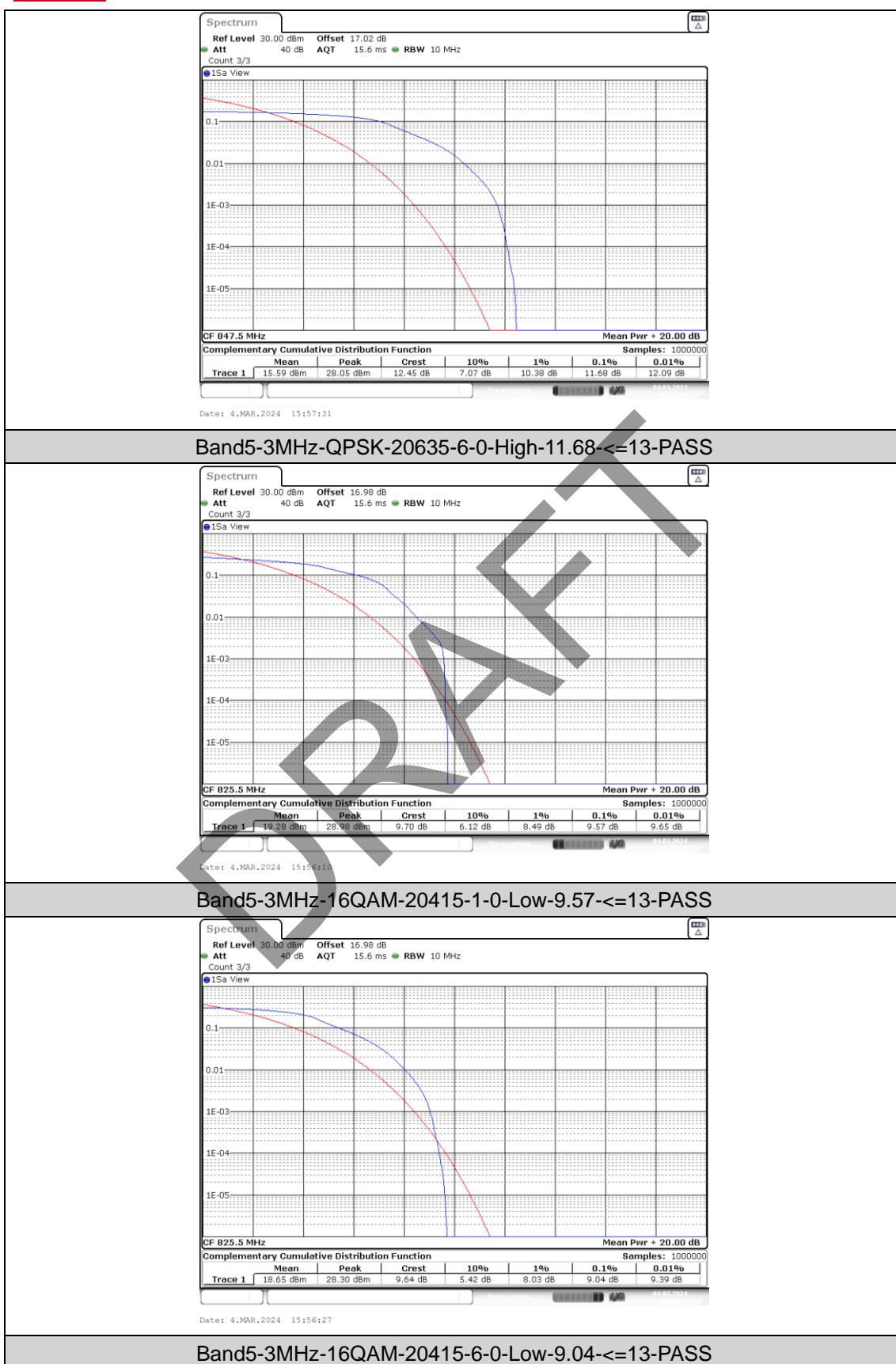
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

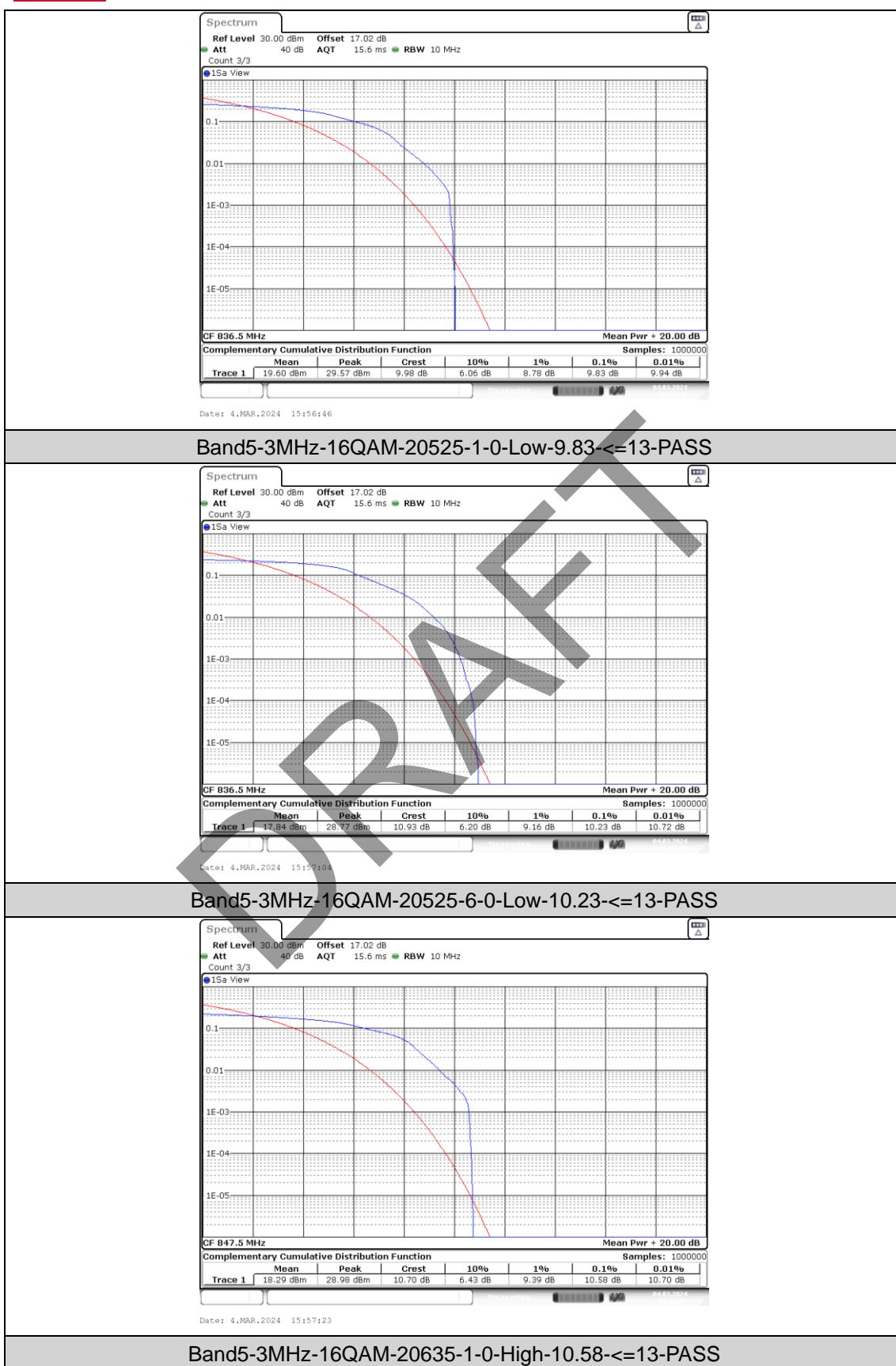
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

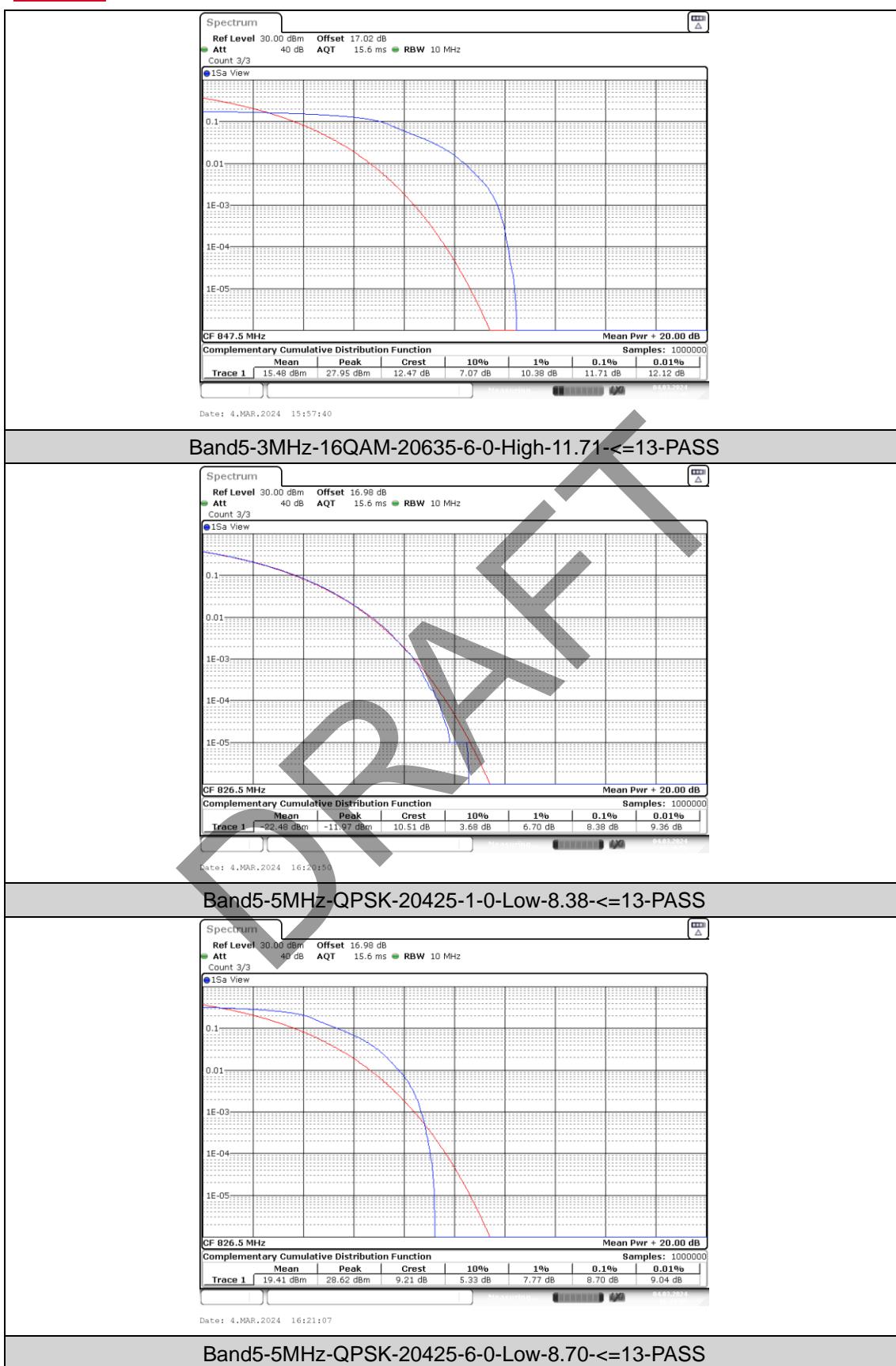
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

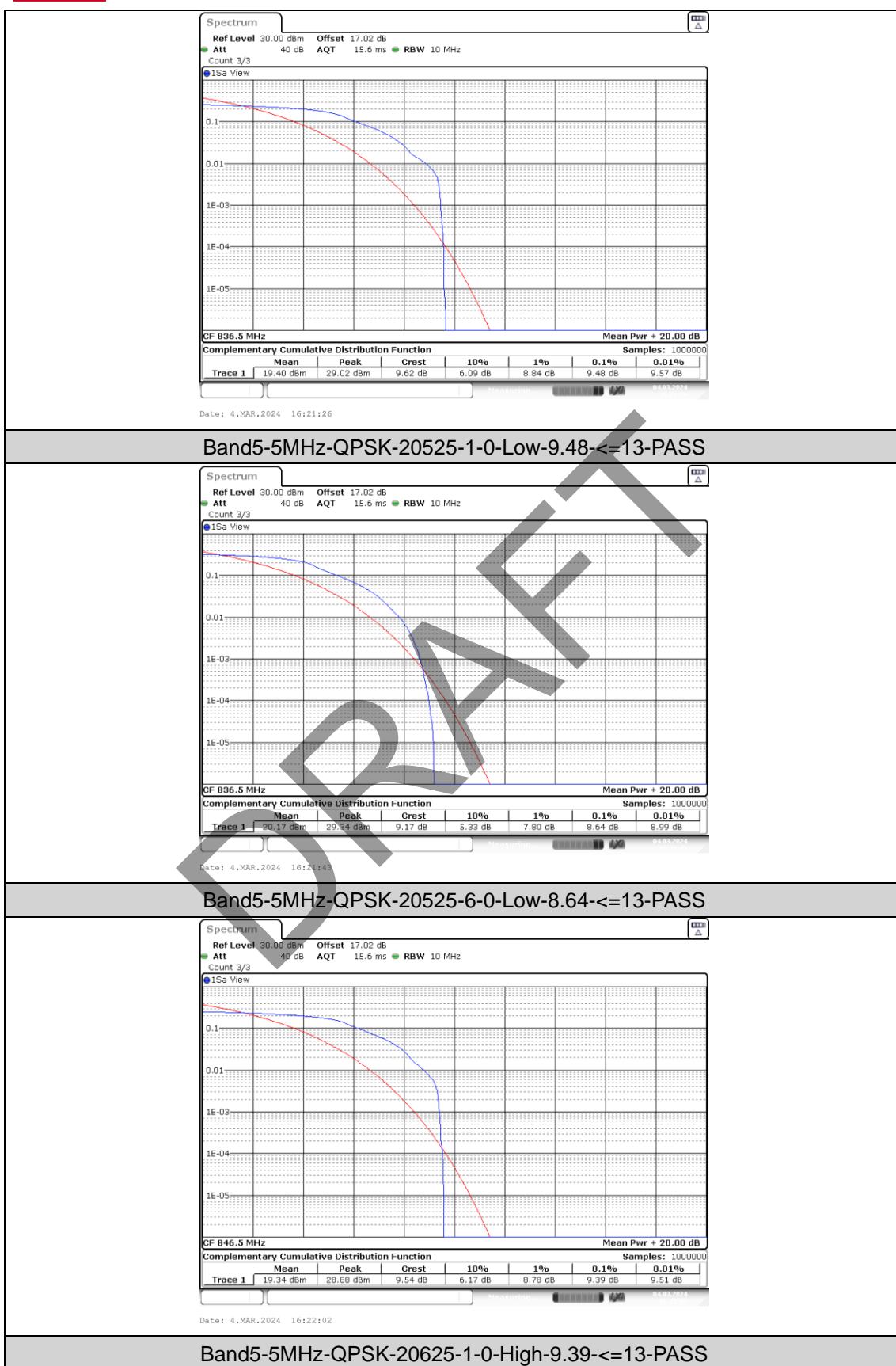
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

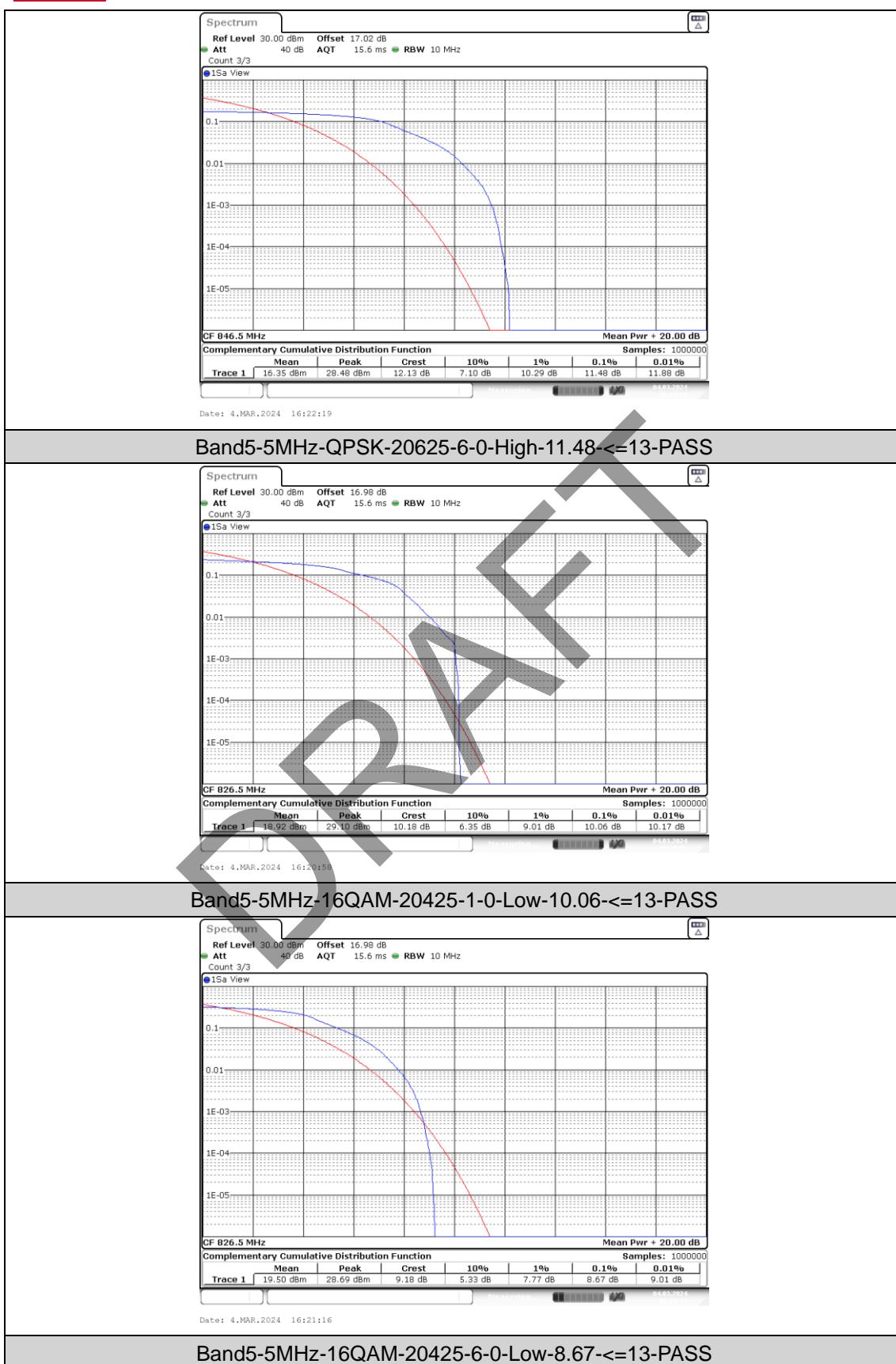
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

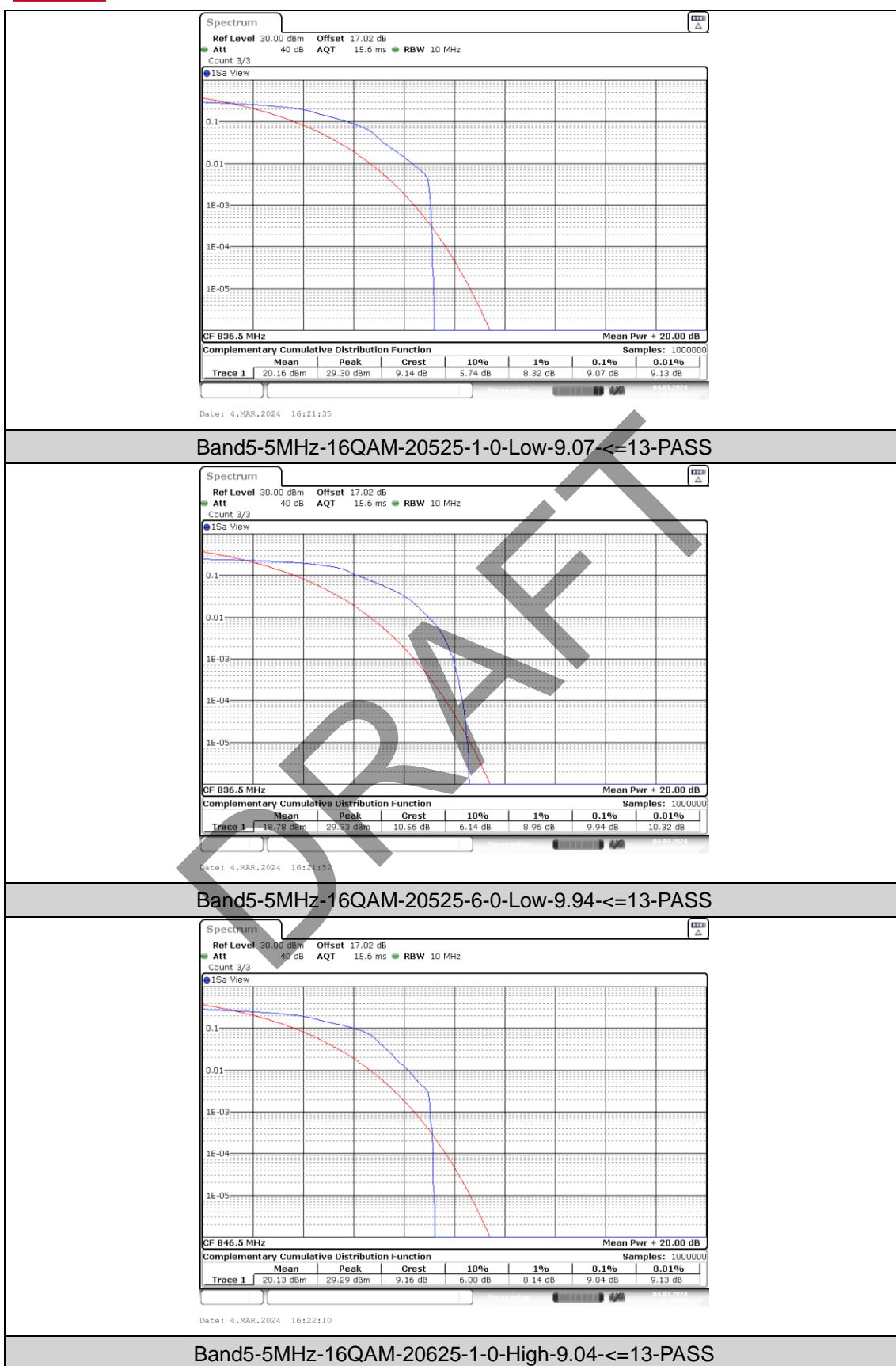
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

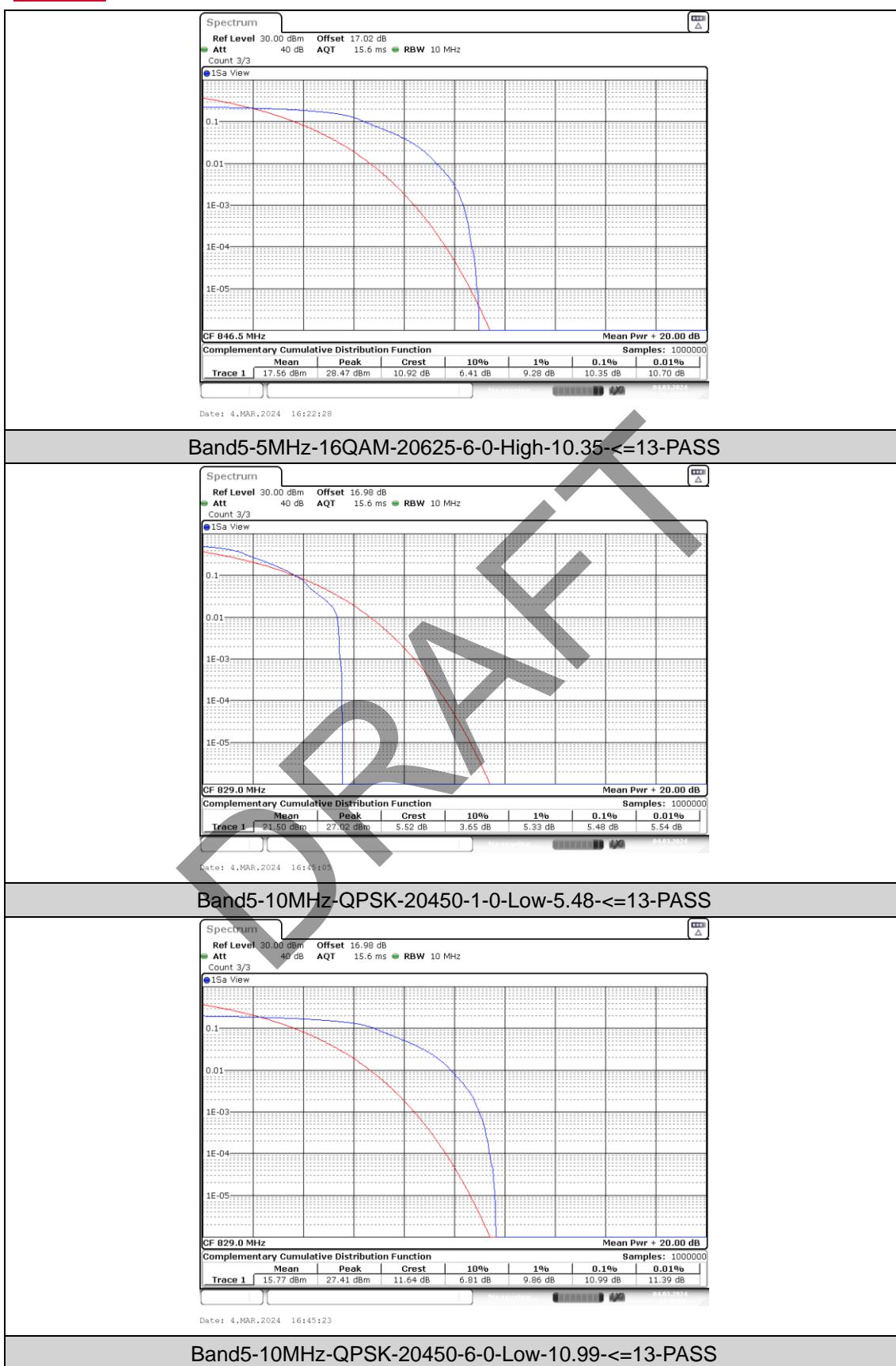
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

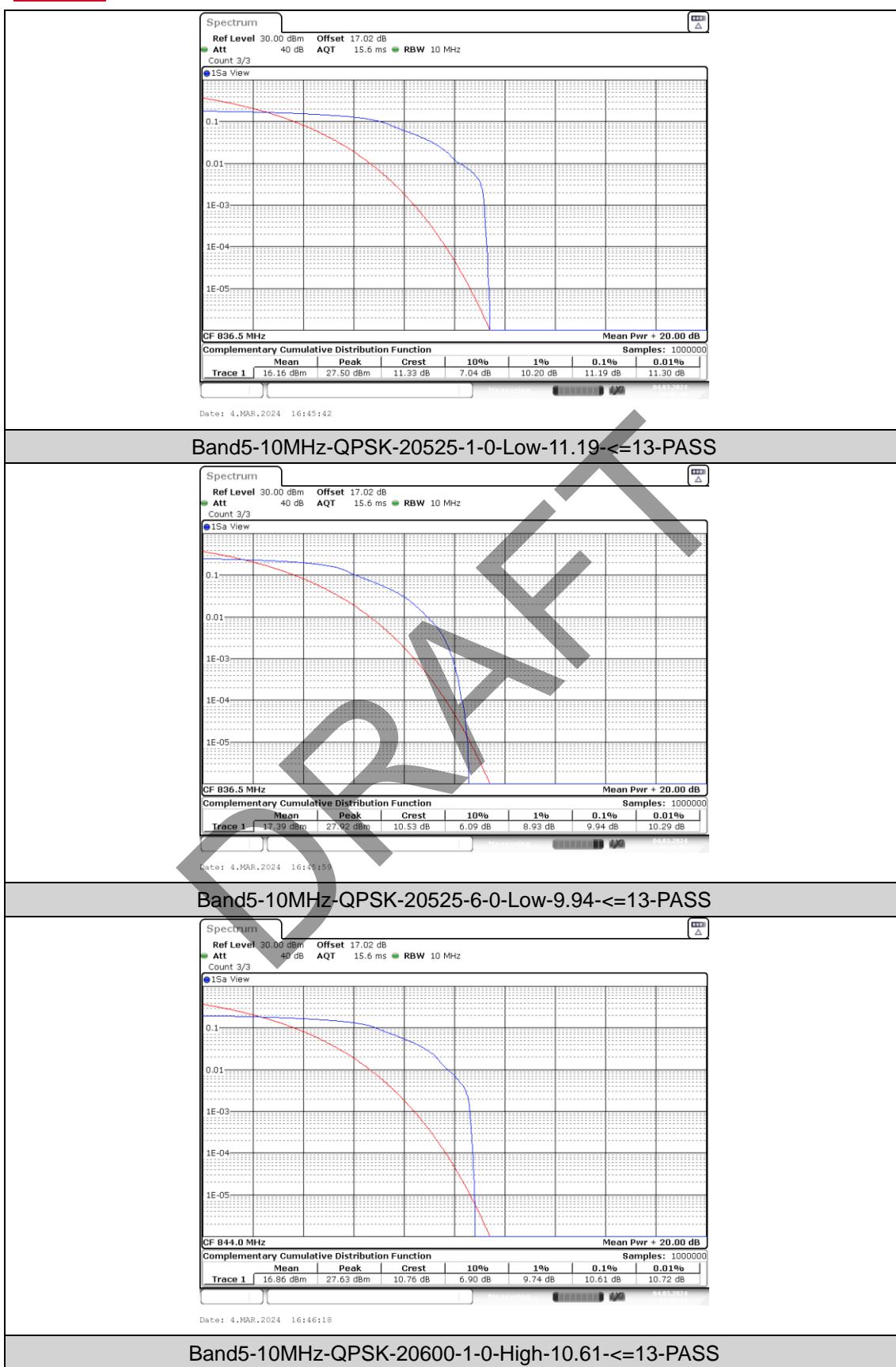
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

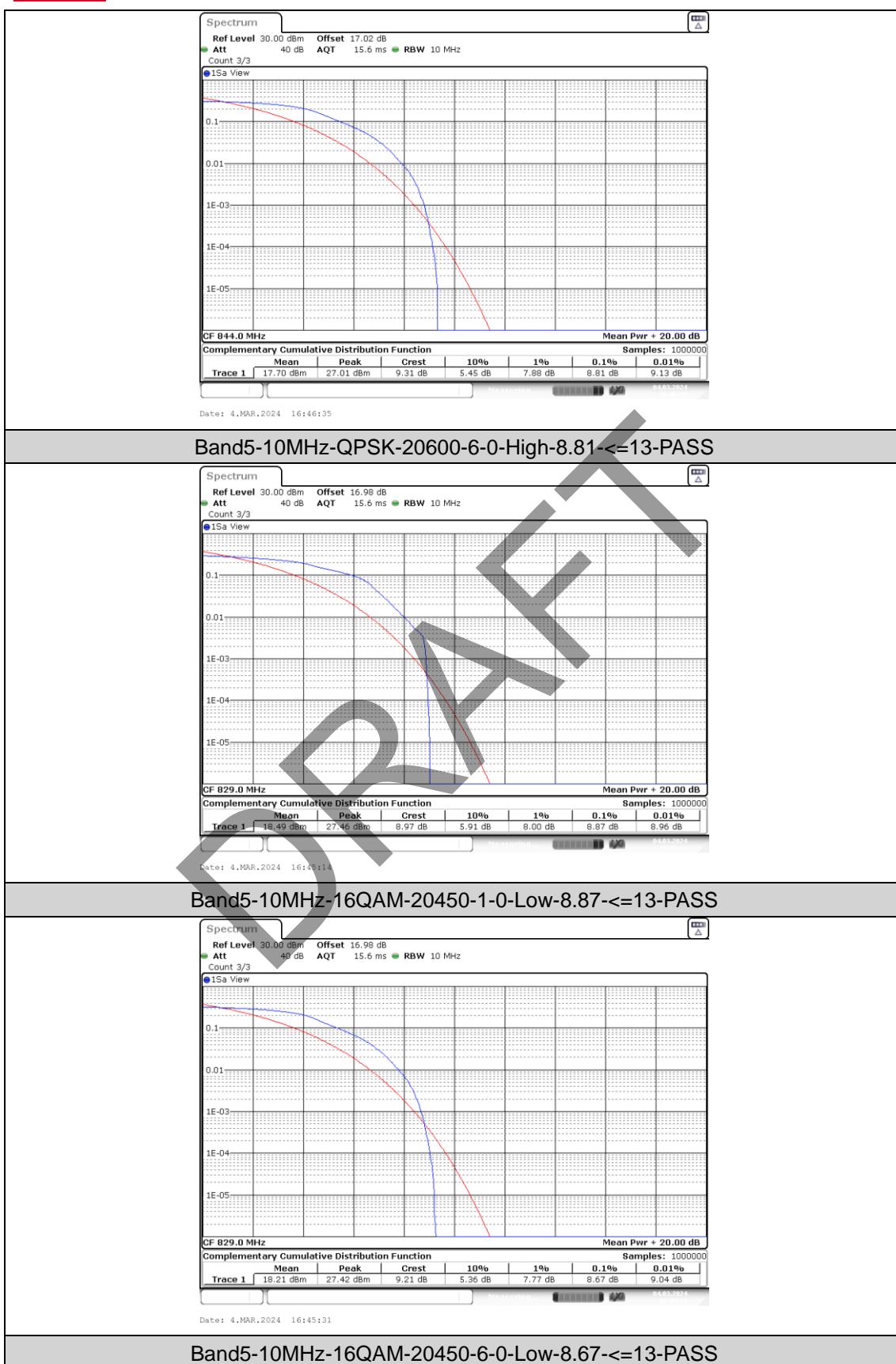
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

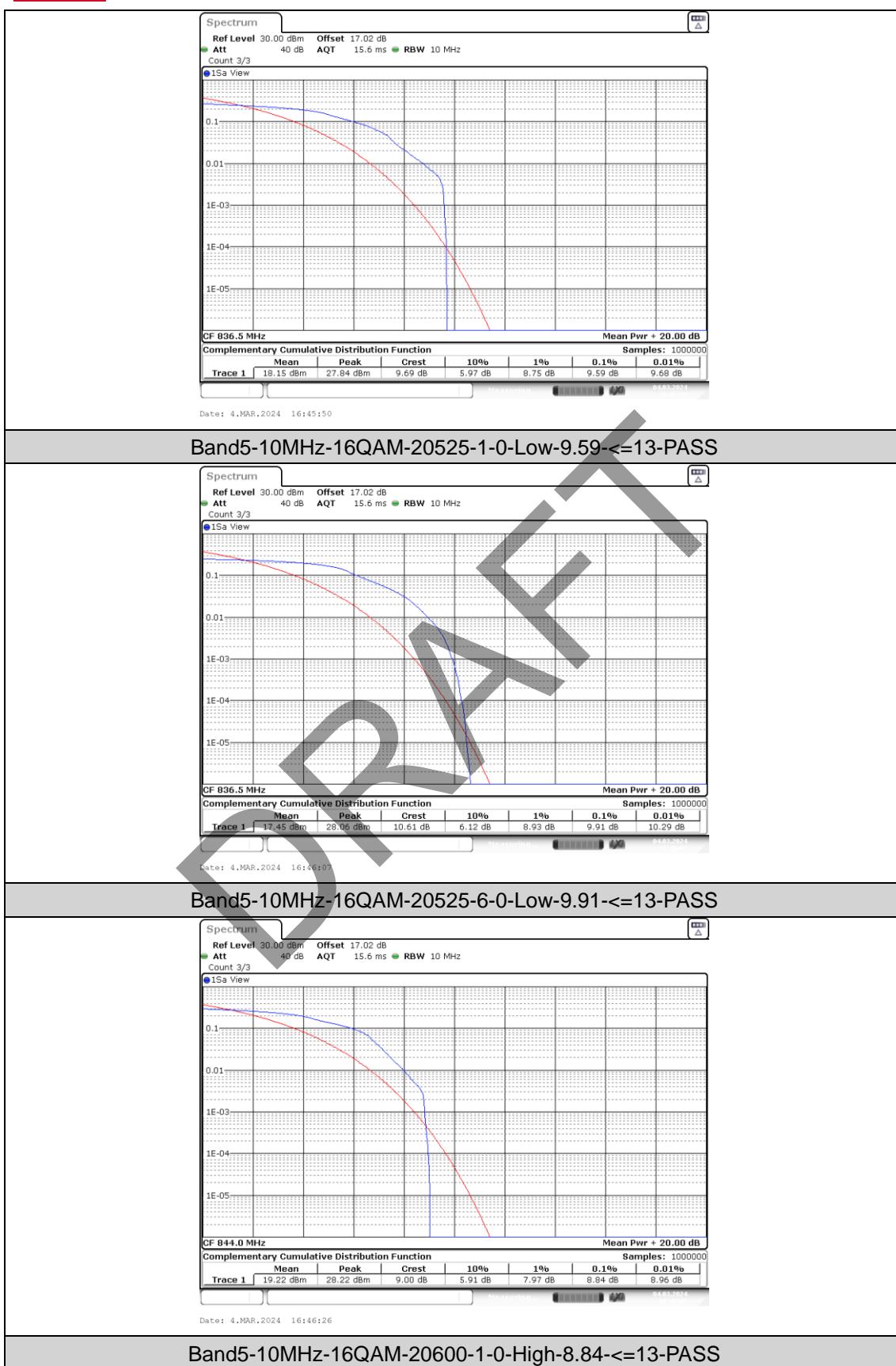
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

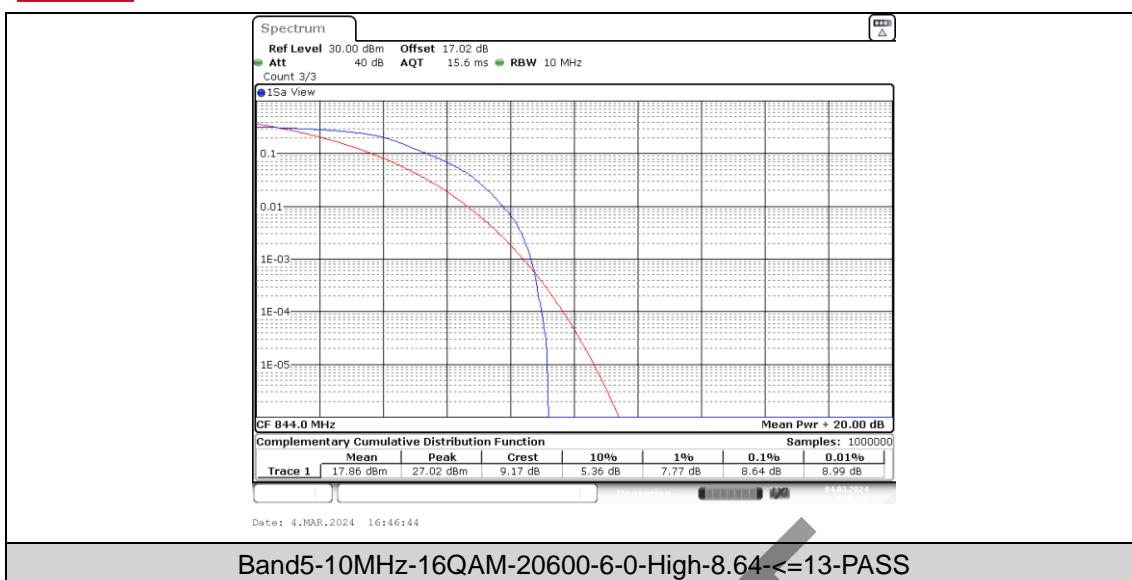
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



DRAFT

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band 26 Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band26	1.4MHz	26797	QPSK	1	0	Low	8.49	<=13	PASS
Band26	1.4MHz	26797	QPSK	6	0	Low	10.26	<=13	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	8.17	<=13	PASS
Band26	1.4MHz	26915	QPSK	6	0	Low	10.06	<=13	PASS
Band26	1.4MHz	27033	QPSK	1	0	High	8.14	<=13	PASS
Band26	1.4MHz	27033	QPSK	6	0	High	8.78	<=13	PASS
Band26	1.4MHz	26797	16QAM	1	0	Low	10.61	<=13	PASS
Band26	1.4MHz	26797	16QAM	6	0	Low	10.32	<=13	PASS
Band26	1.4MHz	26915	16QAM	1	0	Low	10.32	<=13	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	10.29	<=13	PASS
Band26	1.4MHz	27033	16QAM	1	0	High	11.3	<=13	PASS
Band26	1.4MHz	27033	16QAM	6	0	High	12.35	<=13	PASS
Band26	3MHz	26805	QPSK	1	0	Low	8.35	<=13	PASS
Band26	3MHz	26805	QPSK	6	0	Low	8.72	<=13	PASS
Band26	3MHz	26915	QPSK	1	0	Low	8.61	<=13	PASS
Band26	3MHz	26915	QPSK	6	0	Low	11.62	<=13	PASS
Band26	3MHz	27025	QPSK	1	0	High	8.43	<=13	PASS
Band26	3MHz	27025	QPSK	6	0	High	8.93	<=13	PASS
Band26	3MHz	26805	16QAM	1	0	Low	10.14	<=13	PASS
Band26	3MHz	26805	16QAM	6	0	Low	8.75	<=13	PASS
Band26	3MHz	26915	16QAM	1	0	Low	9.07	<=13	PASS
Band26	3MHz	26915	16QAM	6	0	Low	11.04	<=13	PASS
Band26	3MHz	27025	16QAM	1	0	High	10.72	<=13	PASS
Band26	3MHz	27025	16QAM	6	0	High	8.7	<=13	PASS
Band26	5MHz	26815	QPSK	1	0	Low	6.67	<=13	PASS
Band26	5MHz	26815	QPSK	6	0	Low	8.58	<=13	PASS
Band26	5MHz	26915	QPSK	1	0	Low	9.51	<=13	PASS
Band26	5MHz	26915	QPSK	6	0	Low	8.61	<=13	PASS
Band26	5MHz	27015	QPSK	1	0	High	9.65	<=13	PASS
Band26	5MHz	27015	QPSK	6	0	High	8.93	<=13	PASS
Band26	5MHz	26815	16QAM	1	0	Low	11.3	<=13	PASS
Band26	5MHz	26815	16QAM	6	0	Low	8.58	<=13	PASS
Band26	5MHz	26915	16QAM	1	0	Low	11.42	<=13	PASS
Band26	5MHz	26915	16QAM	6	0	Low	8.61	<=13	PASS
Band26	5MHz	27015	16QAM	1	0	High	11.71	<=13	PASS
Band26	5MHz	27015	16QAM	6	0	High	10.7	<=13	PASS
Band26	10MHz	26840	QPSK	1	0	Low	7.25	<=13	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

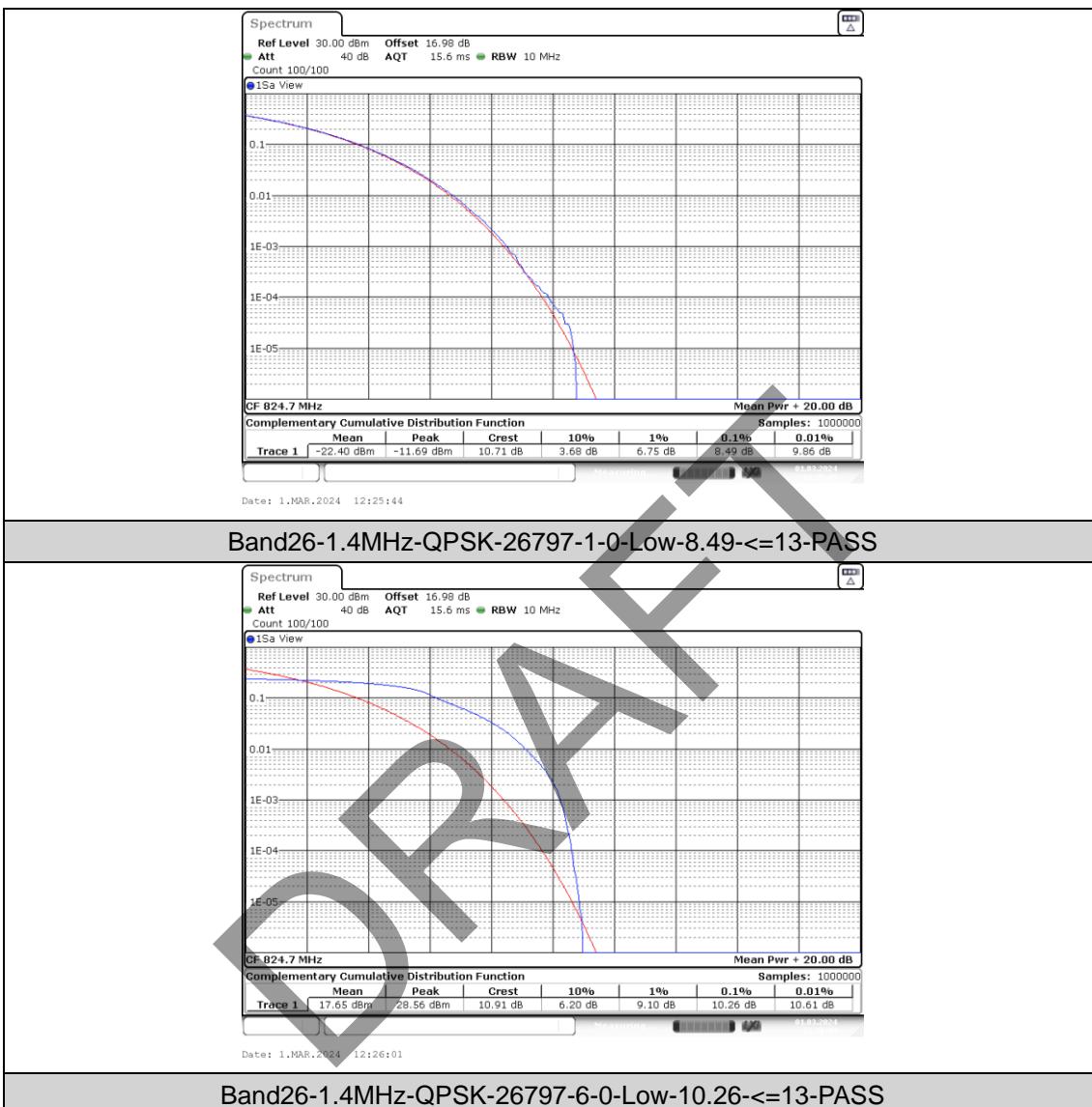
Band26	10MHz	26840	QPSK	6	0	Low	8.93	<=13	PASS
Band26	10MHz	26915	QPSK	1	0	Low	8.2	<=13	PASS
Band26	10MHz	26915	QPSK	6	0	Low	9.3	<=13	PASS
Band26	10MHz	26990	QPSK	1	0	High	8.09	<=13	PASS
Band26	10MHz	26990	QPSK	6	0	High	8.96	<=13	PASS
Band26	10MHz	26840	16QAM	1	0	Low	8.84	<=13	PASS
Band26	10MHz	26840	16QAM	6	0	Low	8.7	<=13	PASS
Band26	10MHz	26915	16QAM	1	0	Low	9.86	<=13	PASS
Band26	10MHz	26915	16QAM	6	0	Low	8.61	<=13	PASS
Band26	10MHz	26990	16QAM	1	0	High	10.35	<=13	PASS
Band26	10MHz	26990	16QAM	6	0	High	8.55	<=13	PASS
Band26	15MHz	26865	QPSK	1	0	Low	8.43	<=13	PASS
Band26	15MHz	26865	QPSK	6	0	Low	8.67	<=13	PASS
Band26	15MHz	26915	QPSK	1	0	Low	10	<=13	PASS
Band26	15MHz	26915	QPSK	6	0	Low	8.43	<=13	PASS
Band26	15MHz	26965	QPSK	1	0	High	9.54	<=13	PASS
Band26	15MHz	26965	QPSK	6	0	High	11.16	<=13	PASS
Band26	15MHz	26865	16QAM	1	0	Low	9.22	<=13	PASS
Band26	15MHz	26865	16QAM	6	0	Low	10.32	<=13	PASS
Band26	15MHz	26915	16QAM	1	0	Low	9.04	<=13	PASS
Band26	15MHz	26915	16QAM	6	0	Low	8.67	<=13	PASS
Band26	15MHz	26965	16QAM	1	0	High	10.46	<=13	PASS
Band26	15MHz	26965	16QAM	6	0	High	8.35	<=13	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band 26 Test Graphs



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

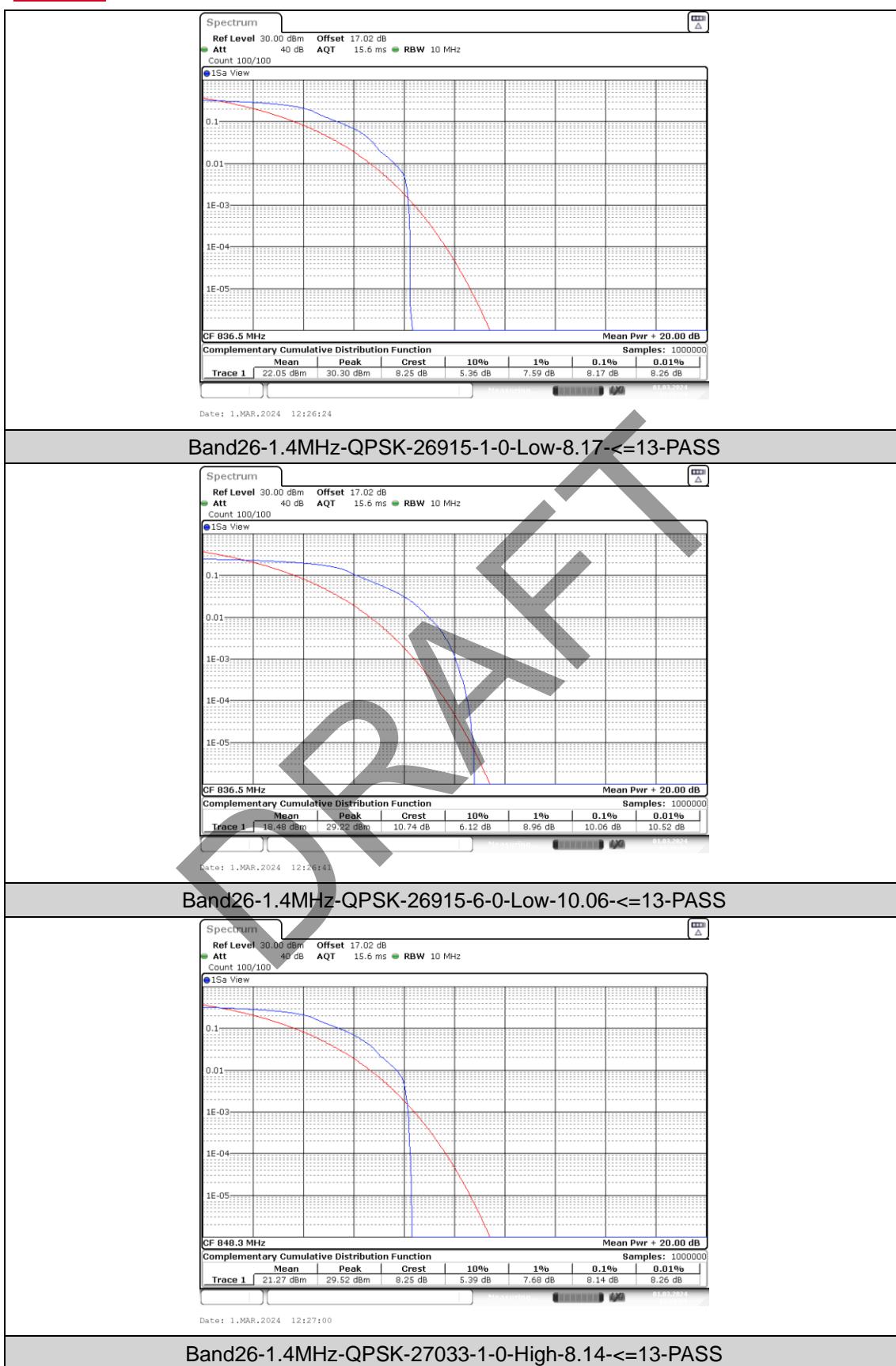
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

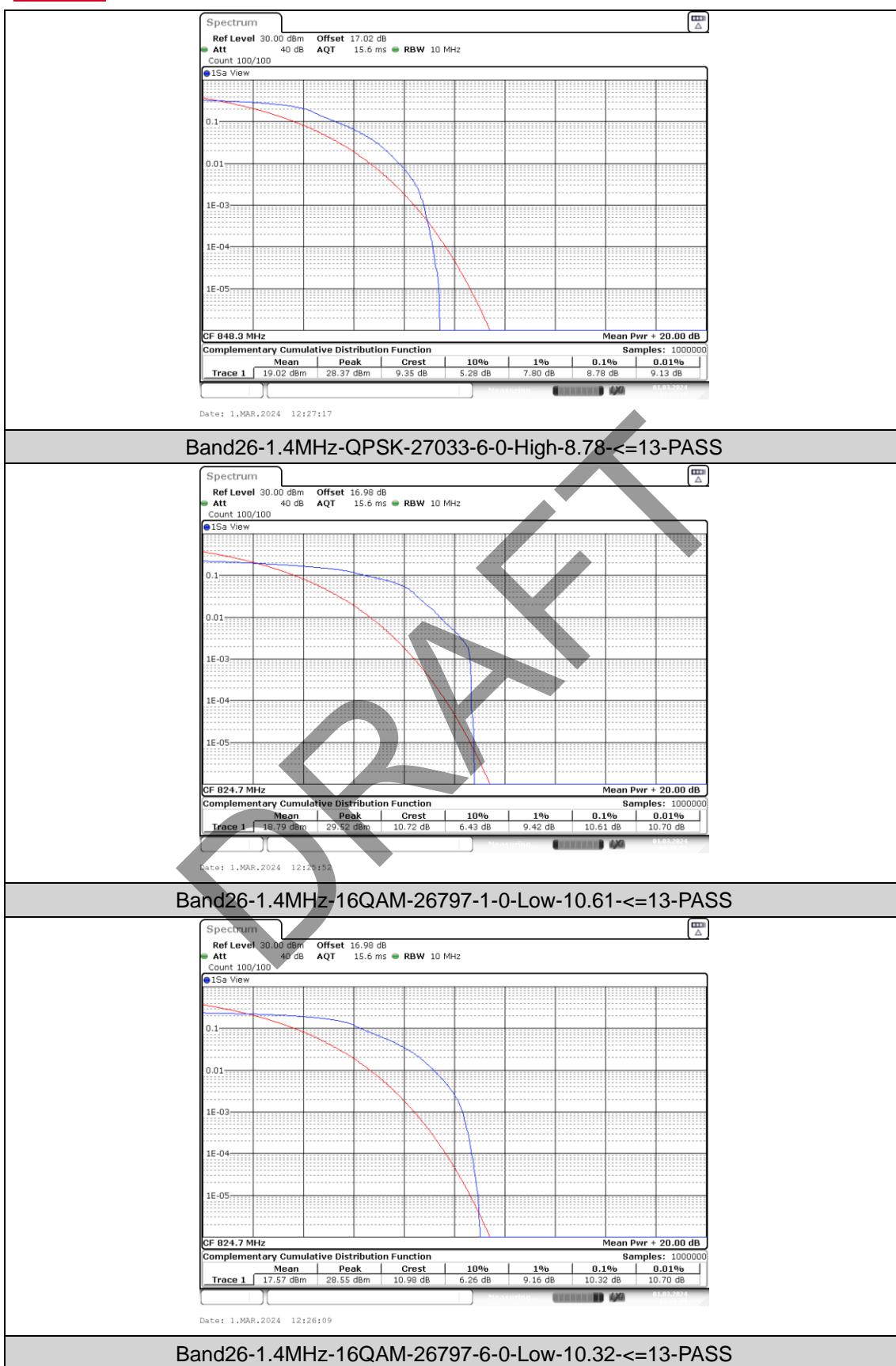
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

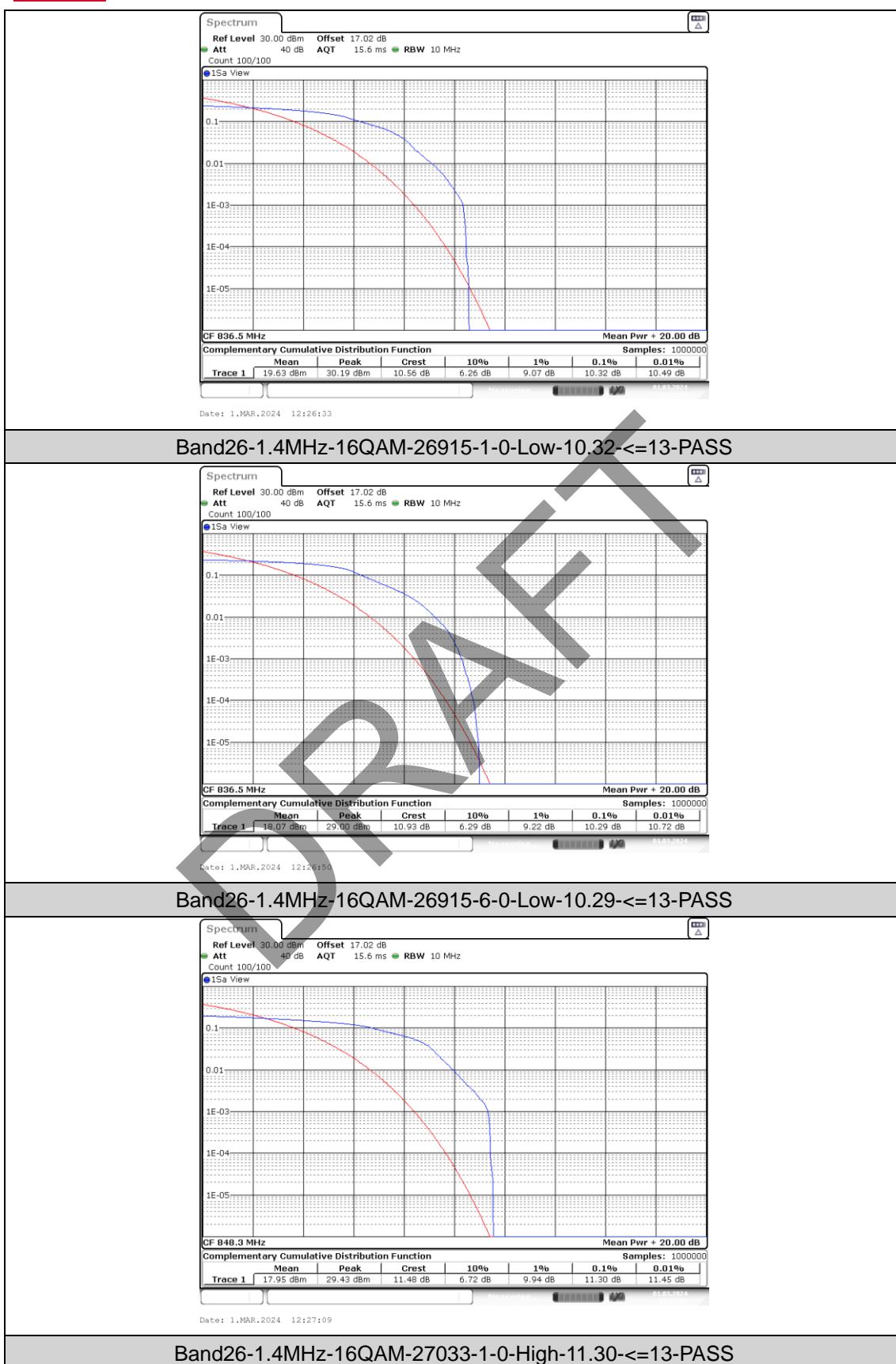
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

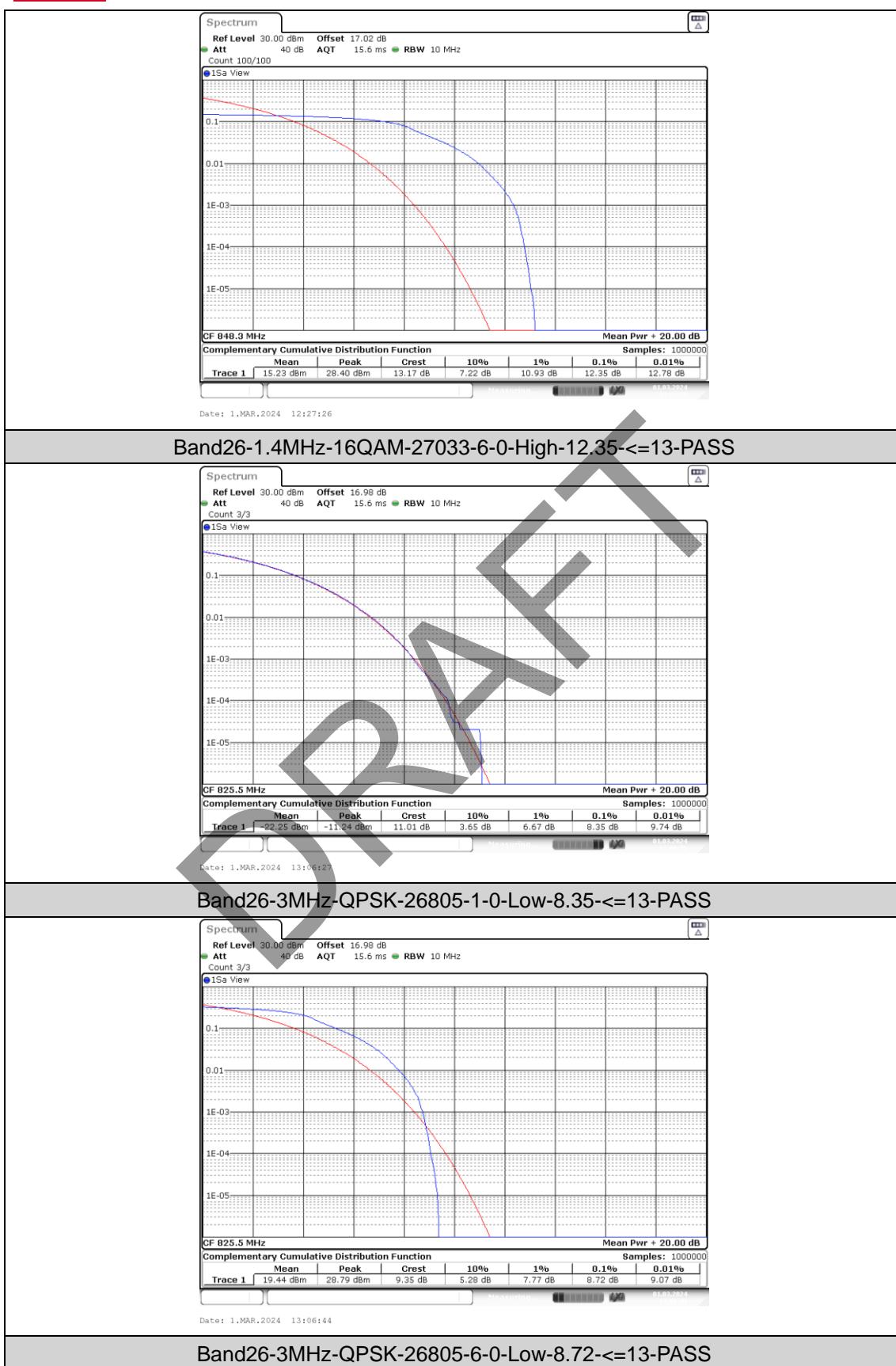
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

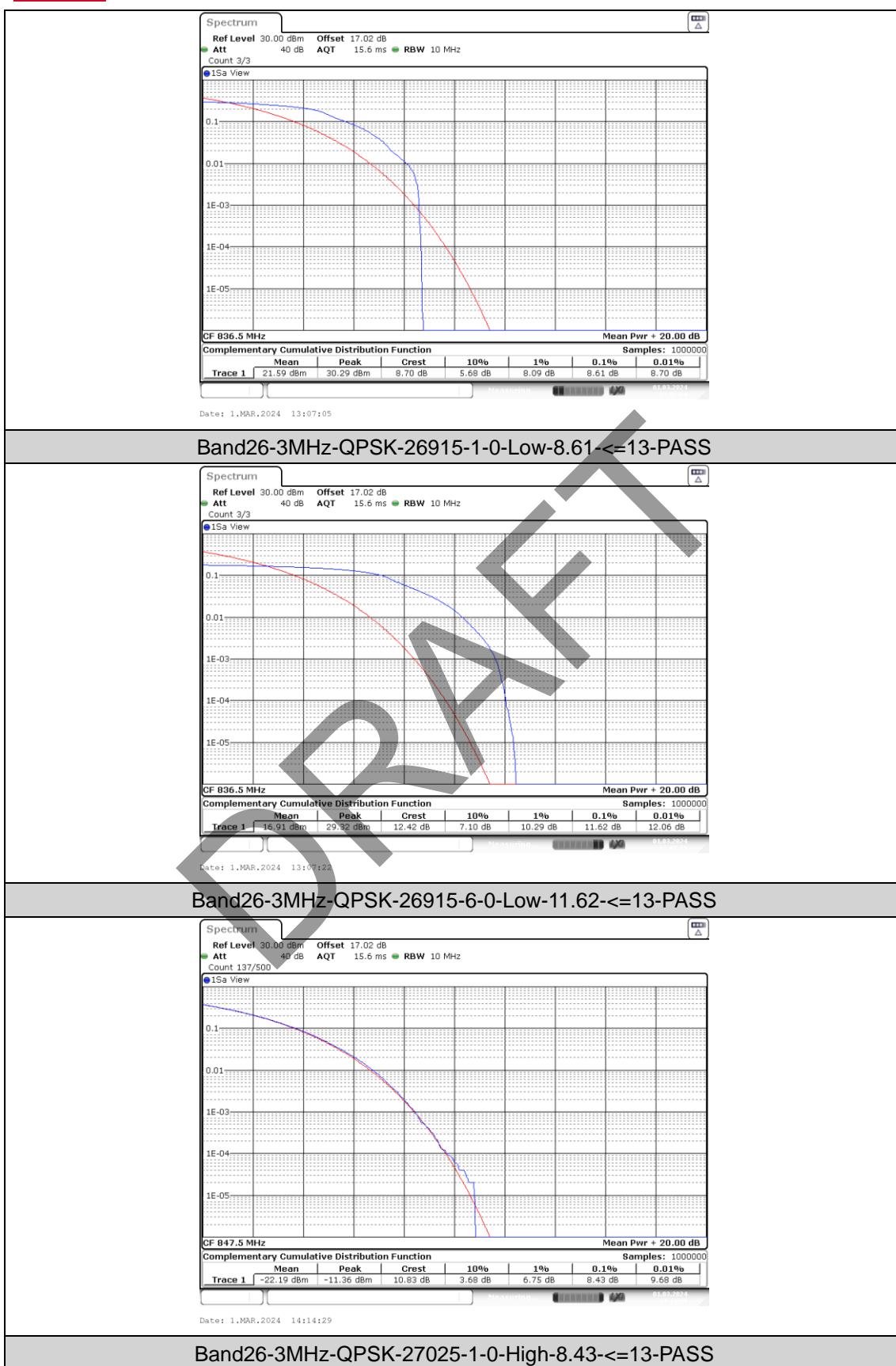
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

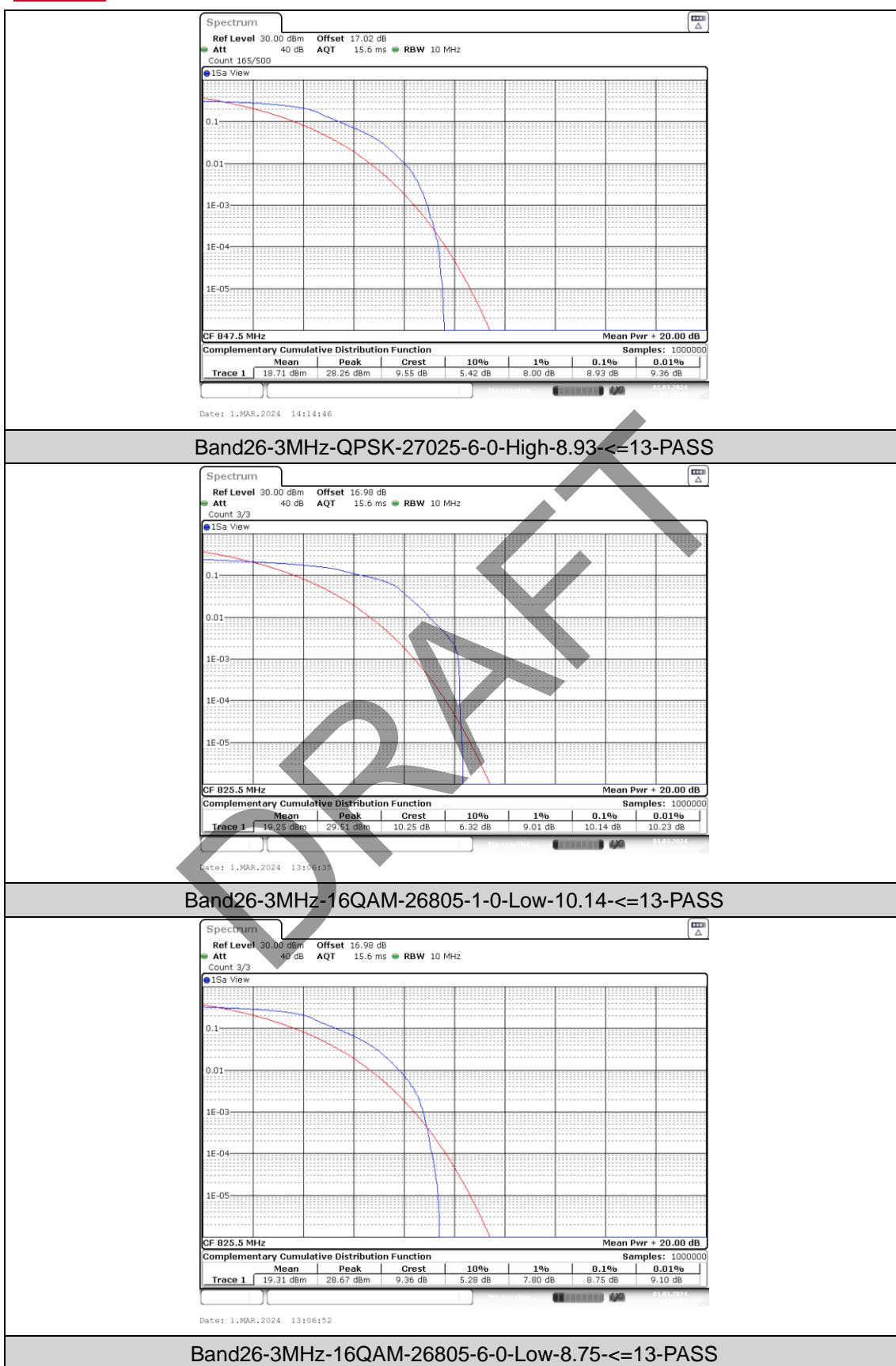
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

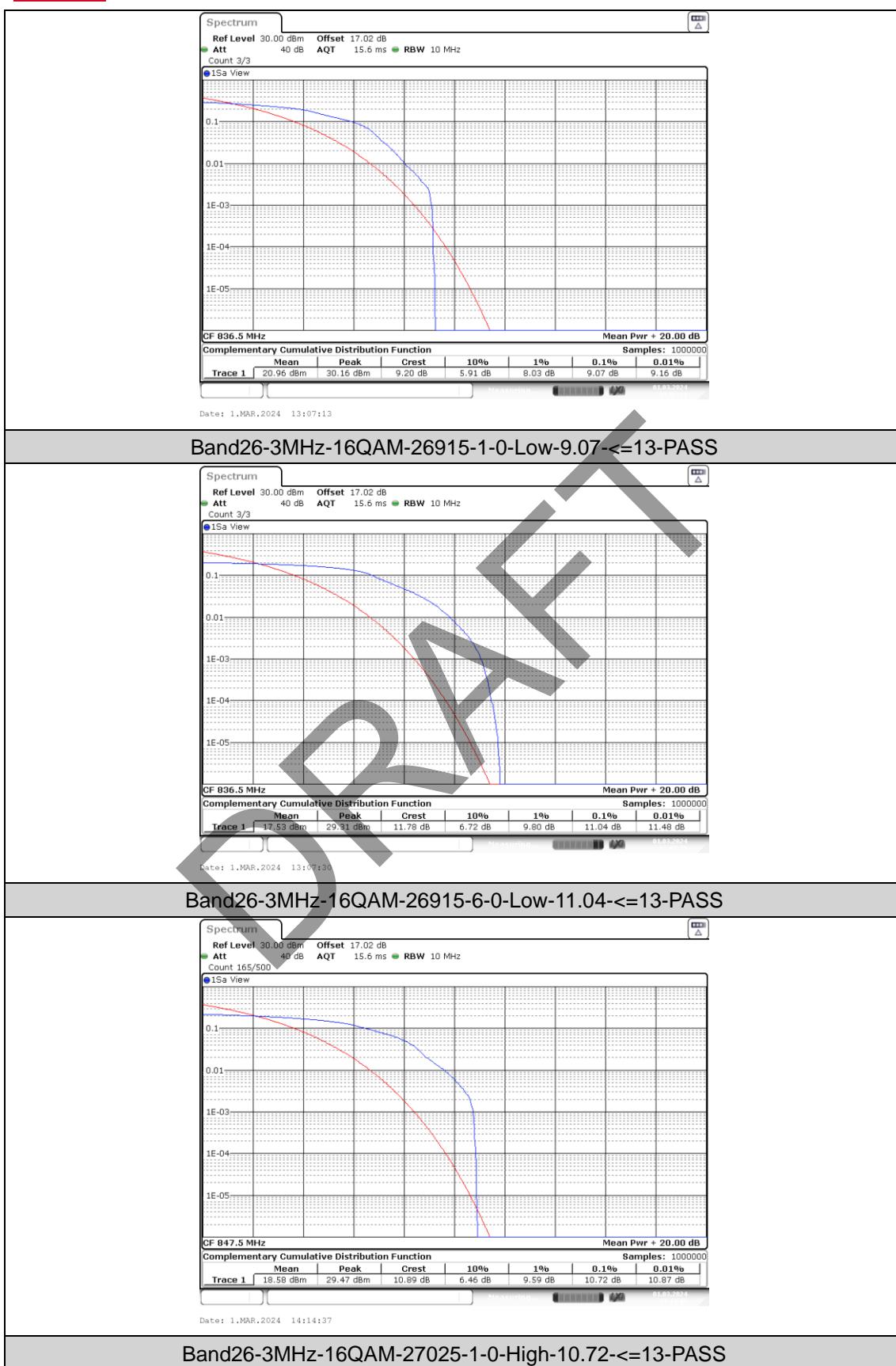
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

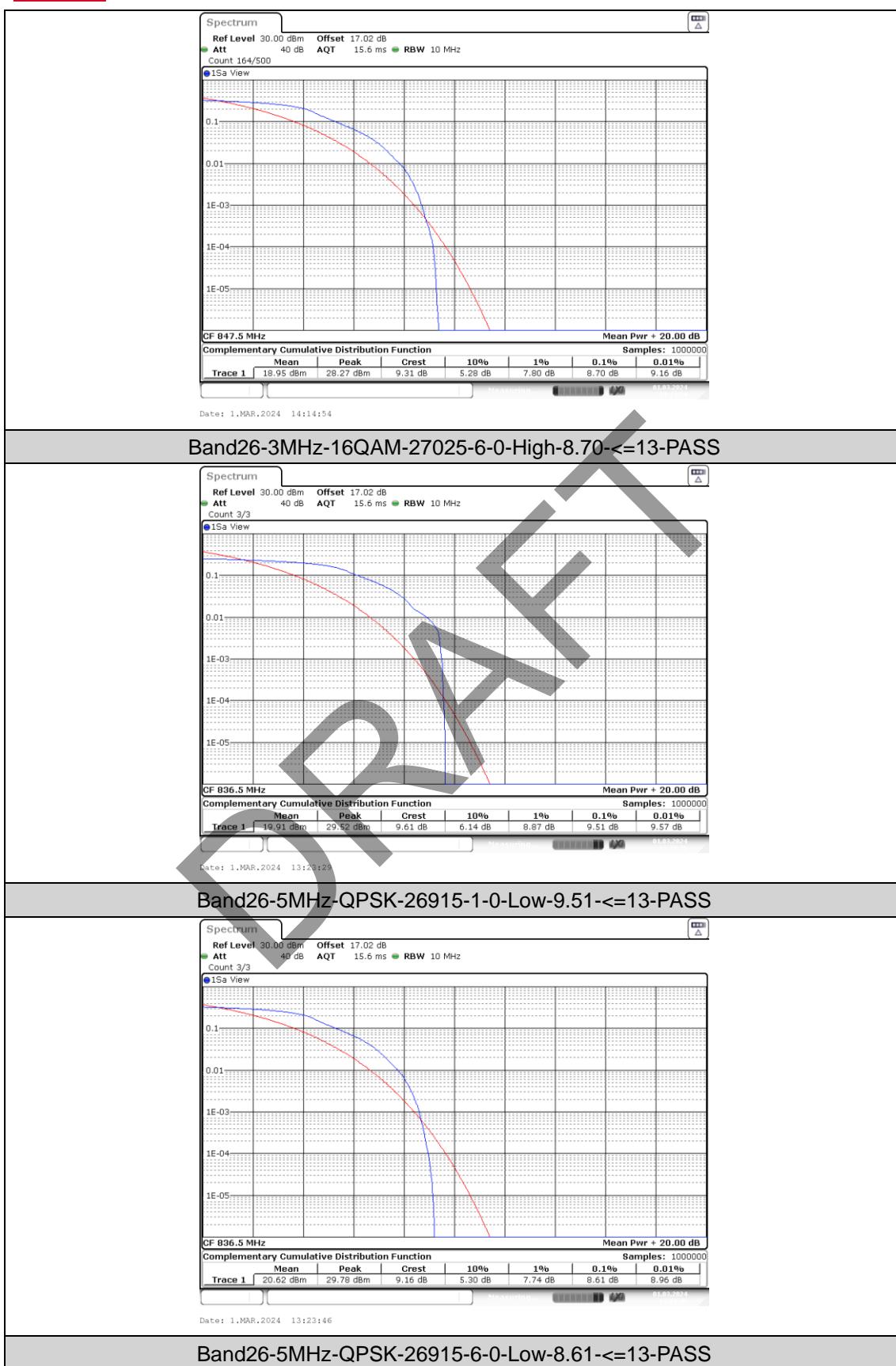
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

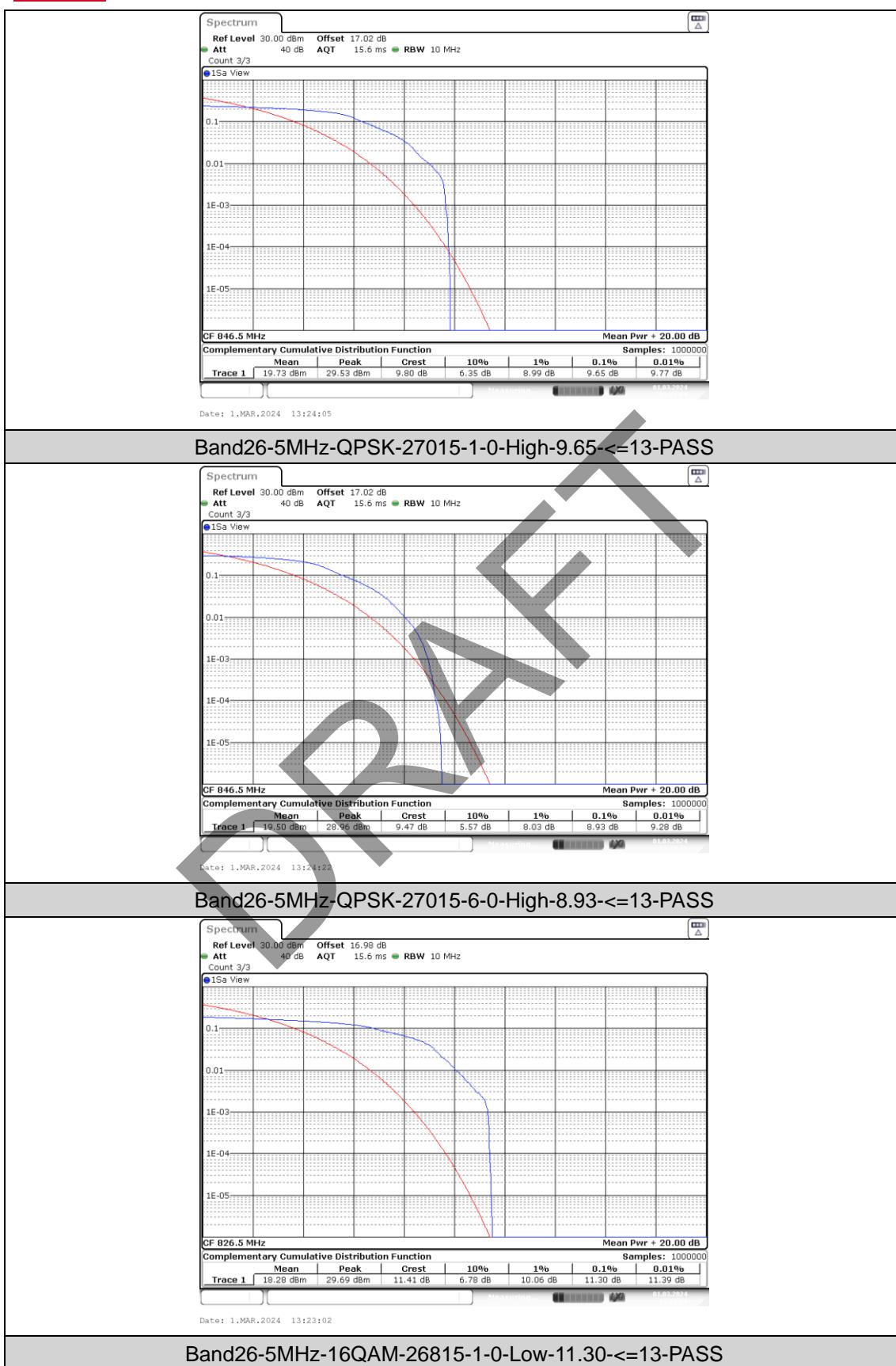
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

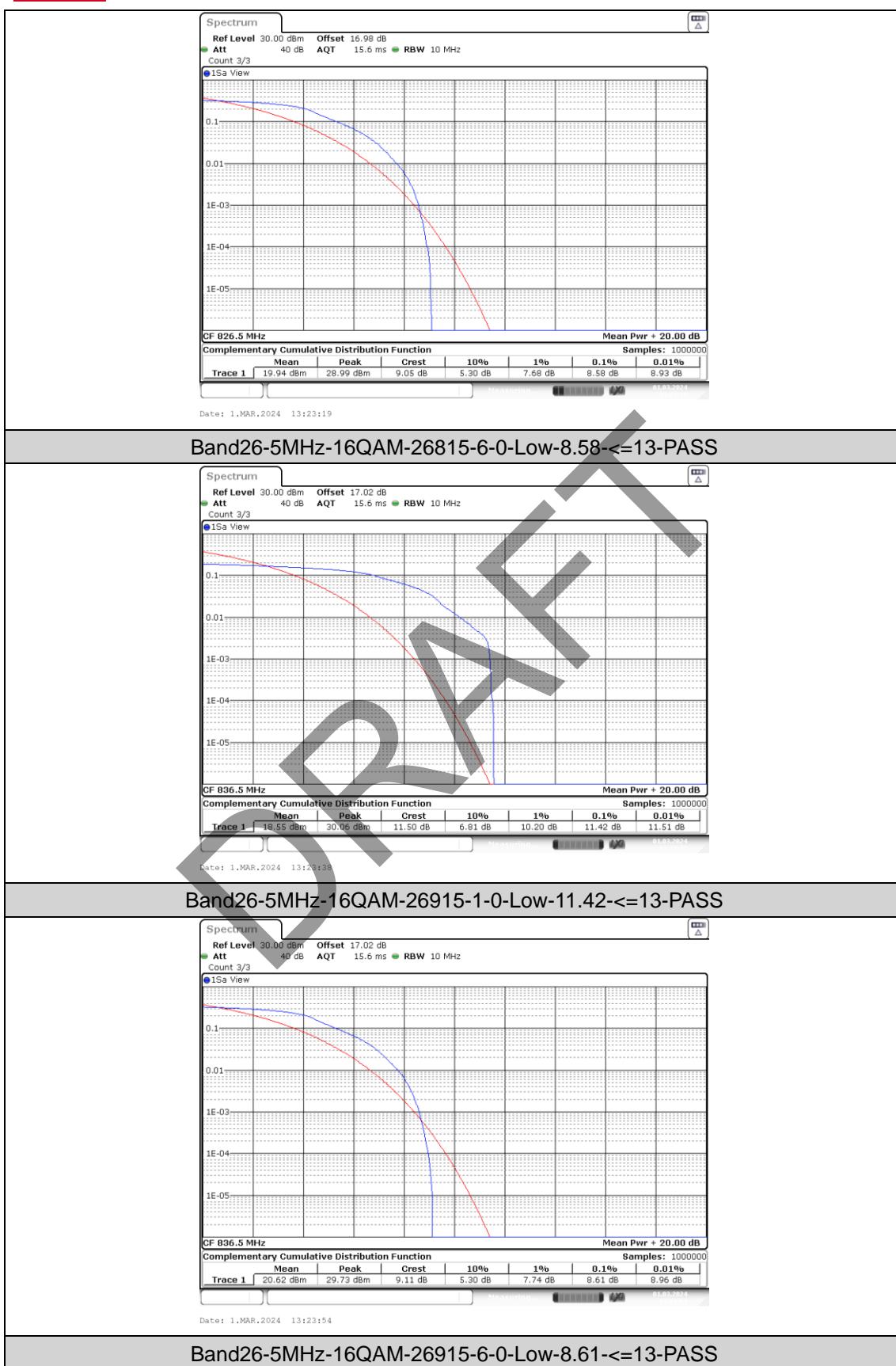
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

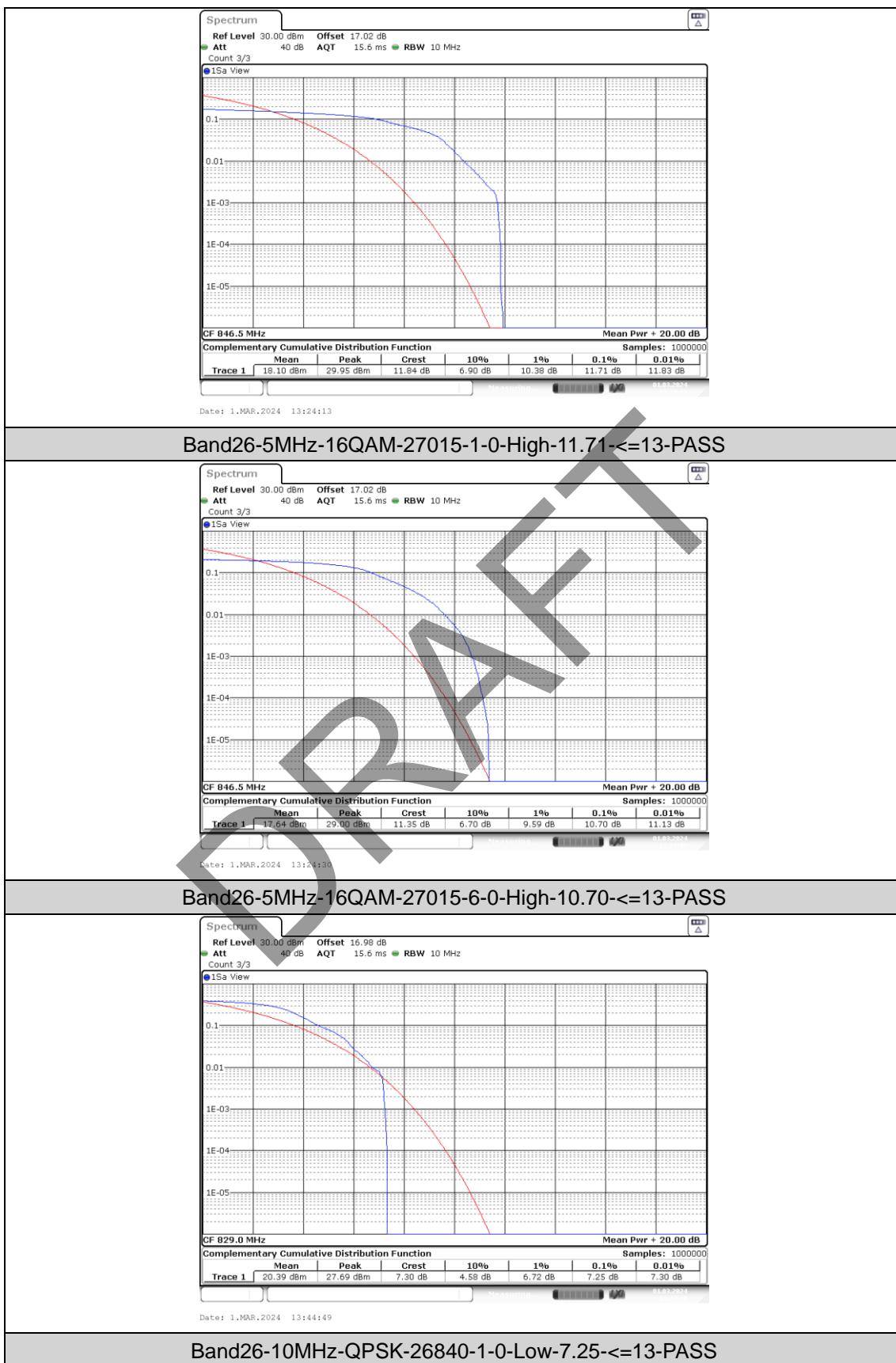
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

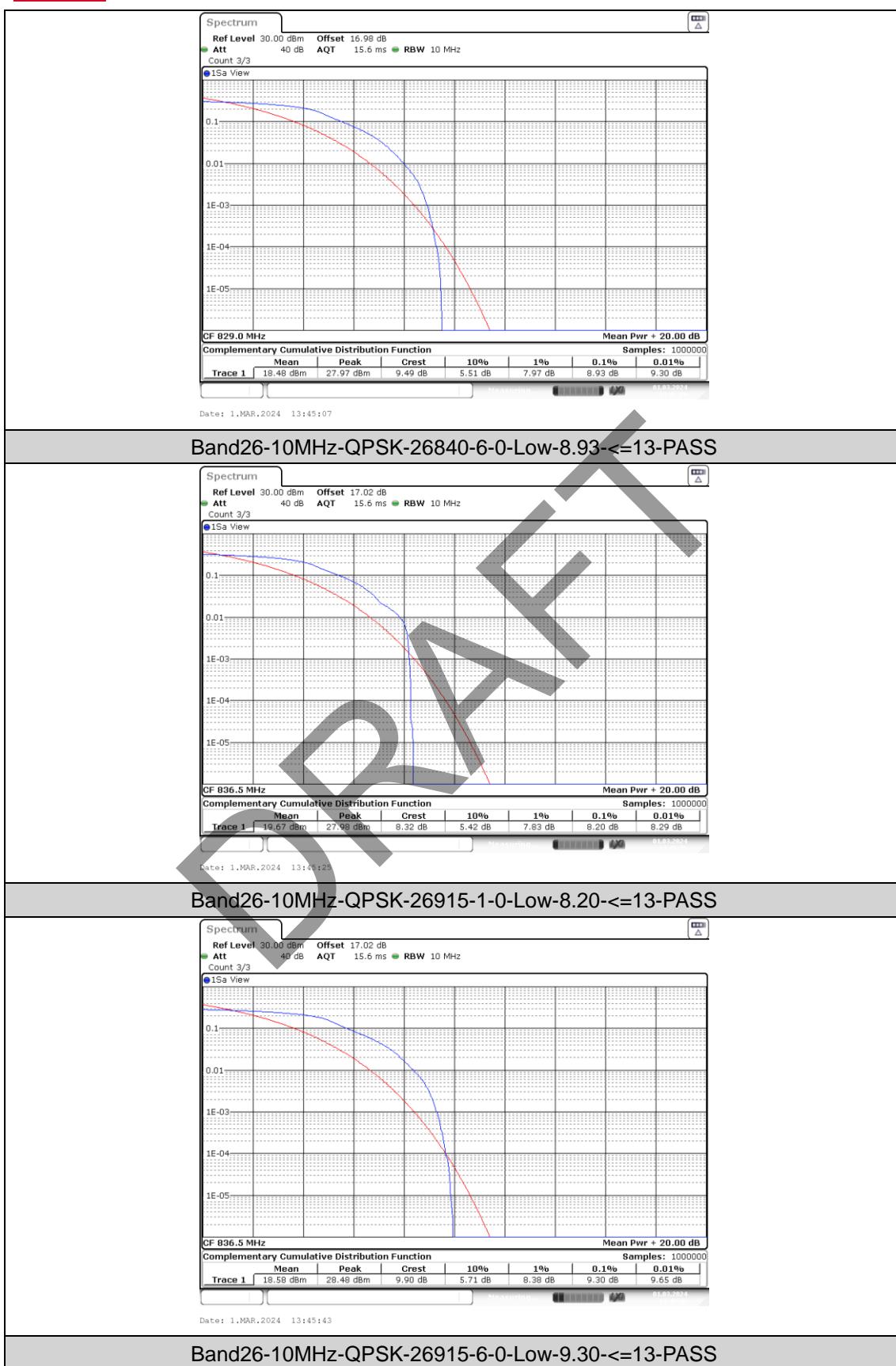
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

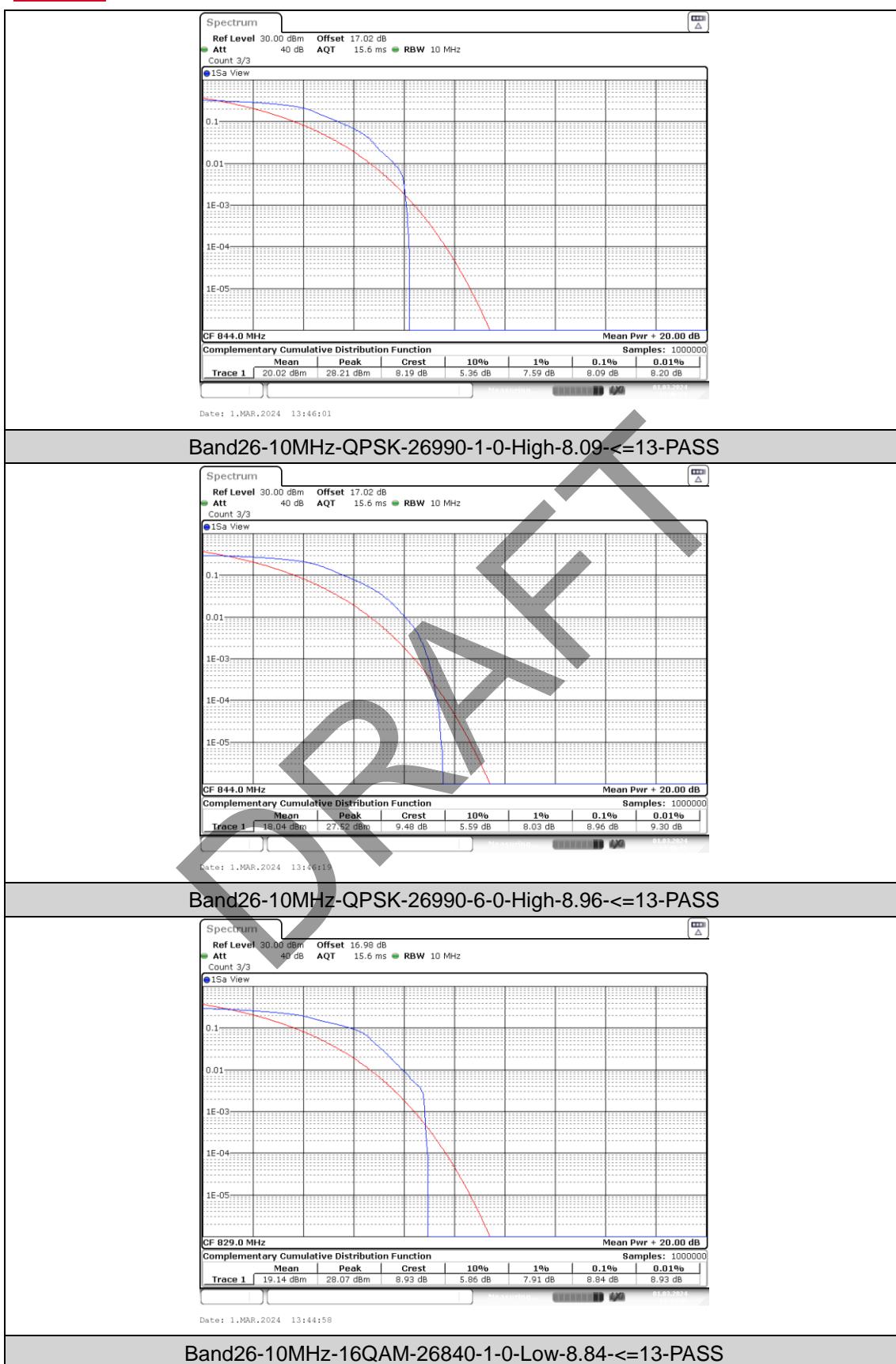
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

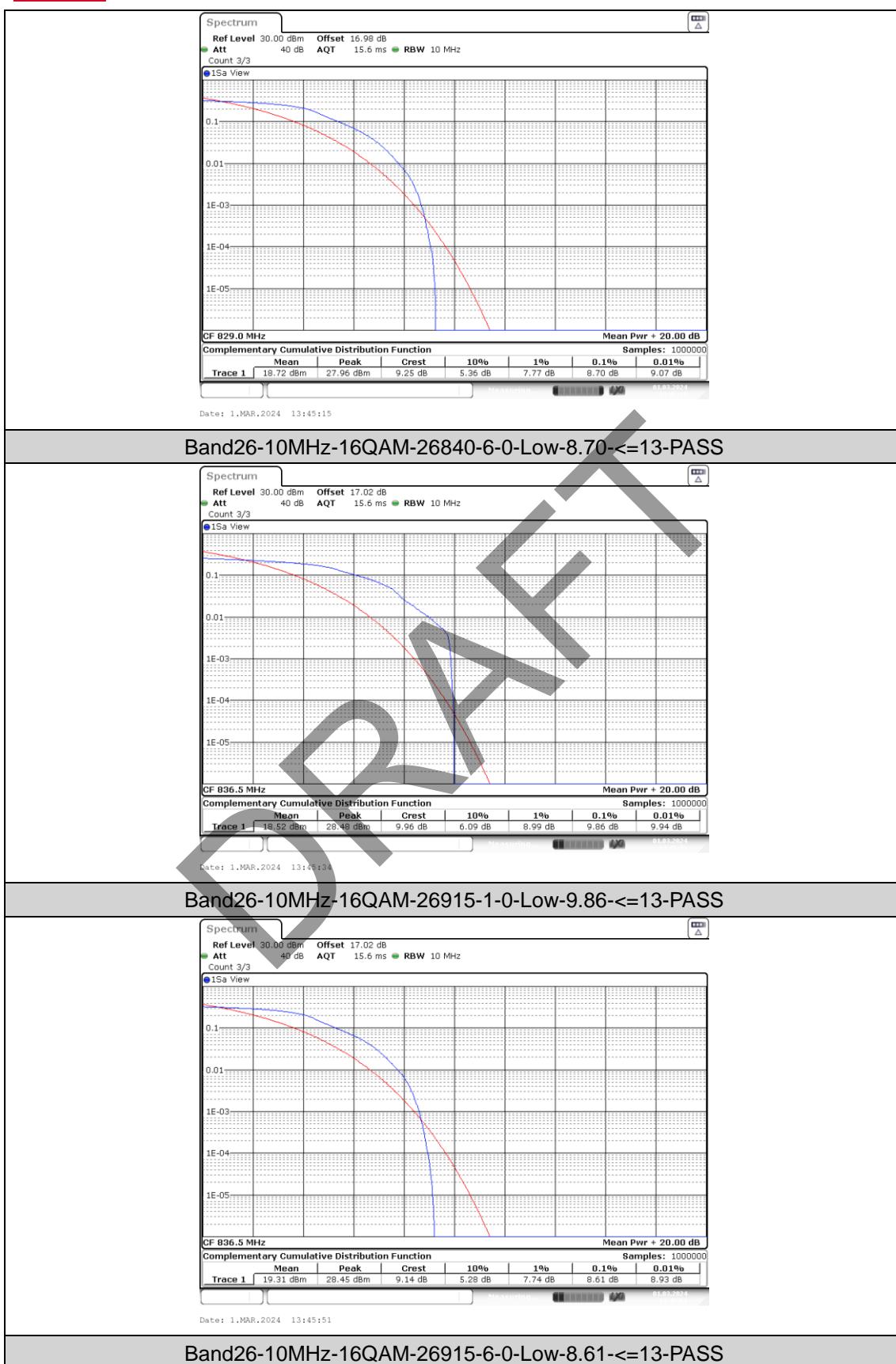
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

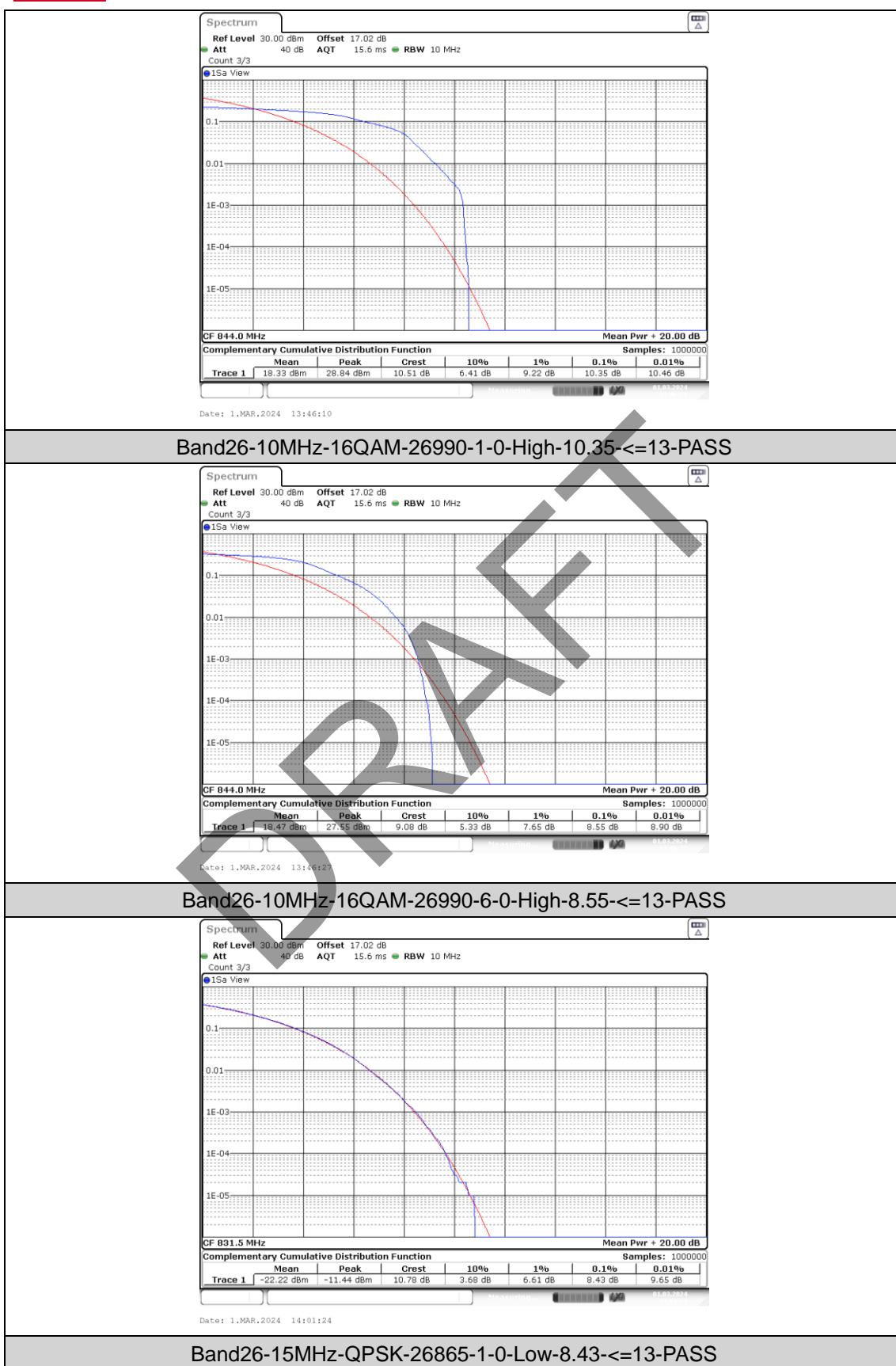
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

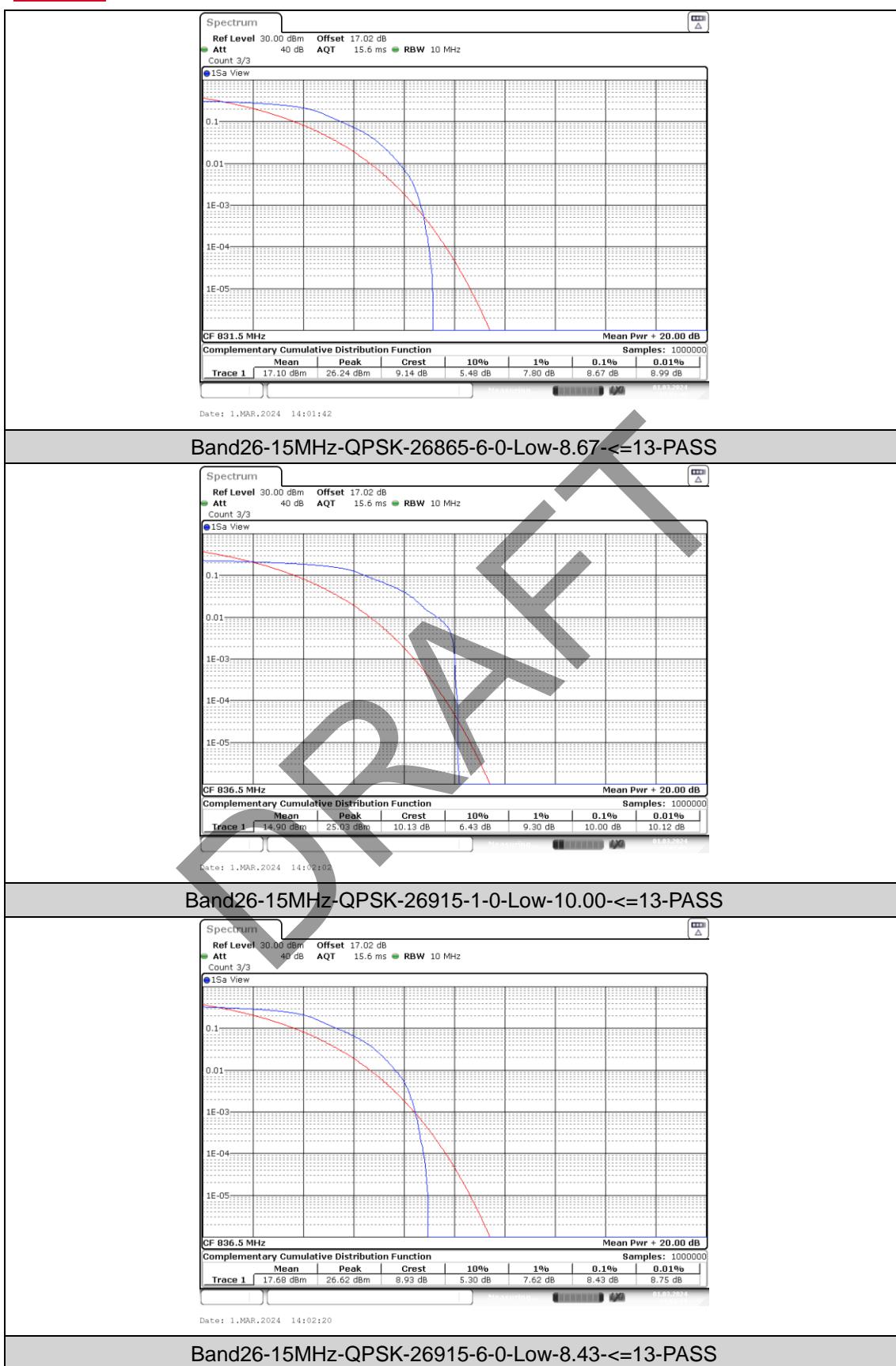
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

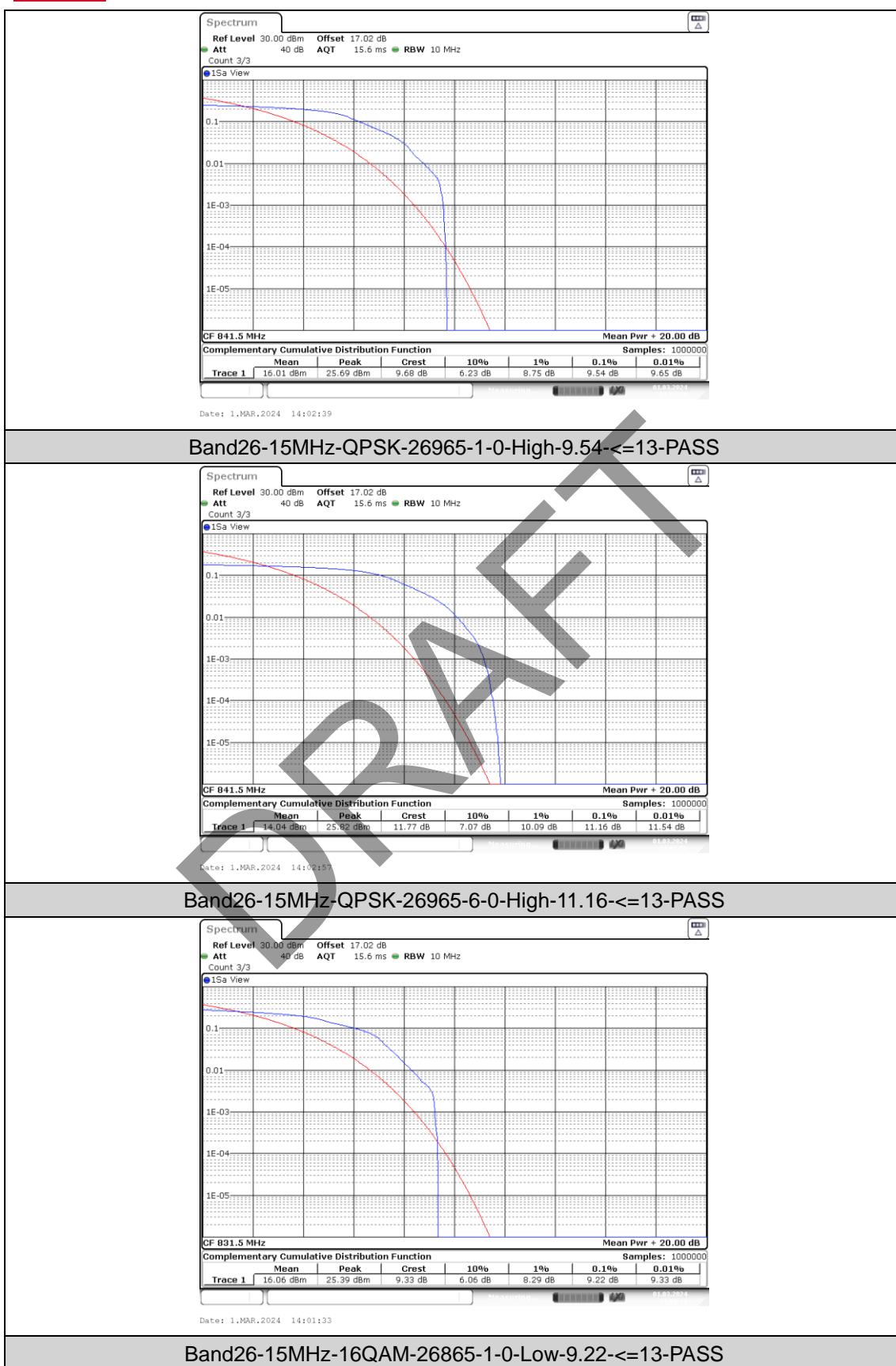
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

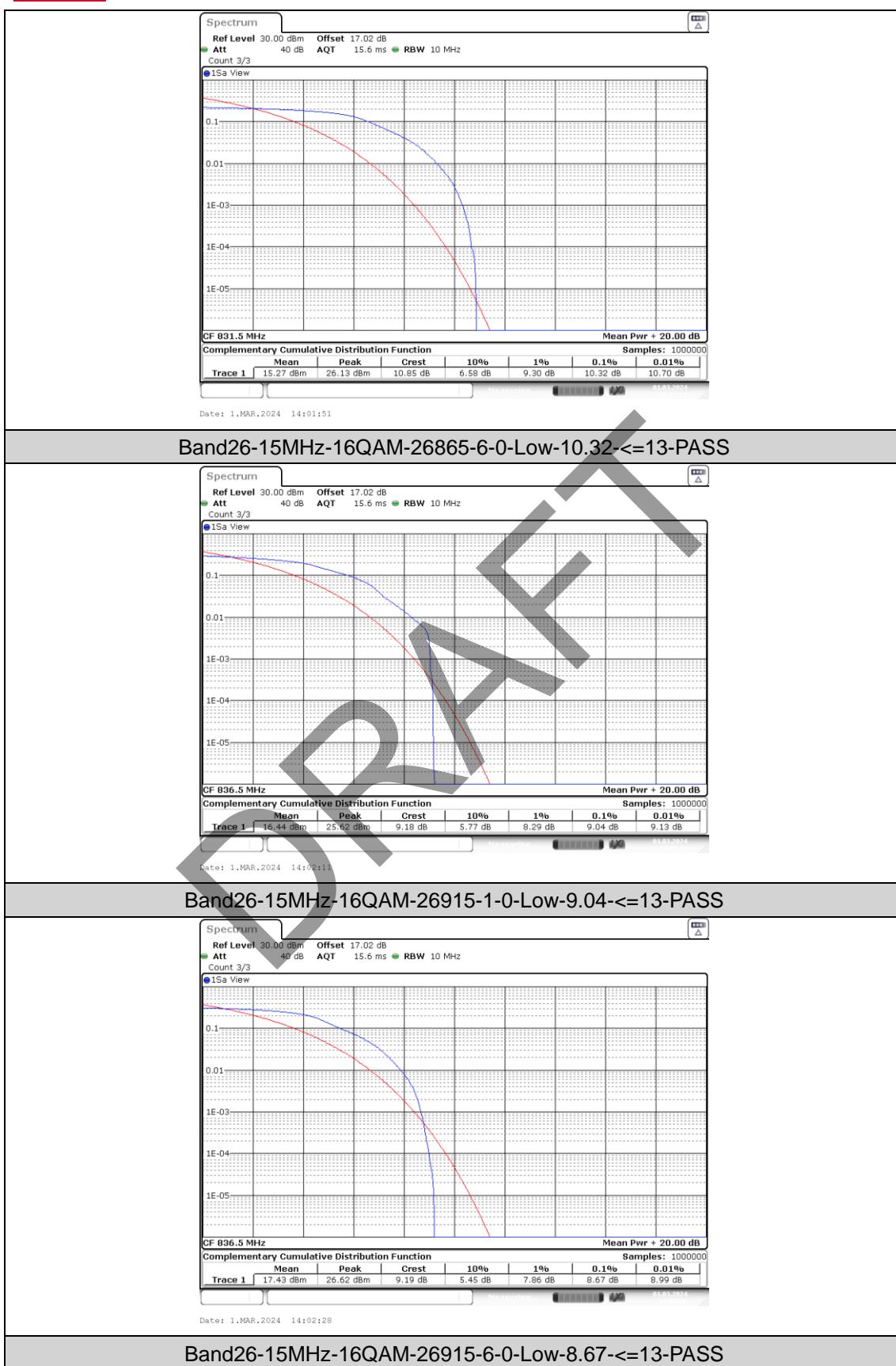
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

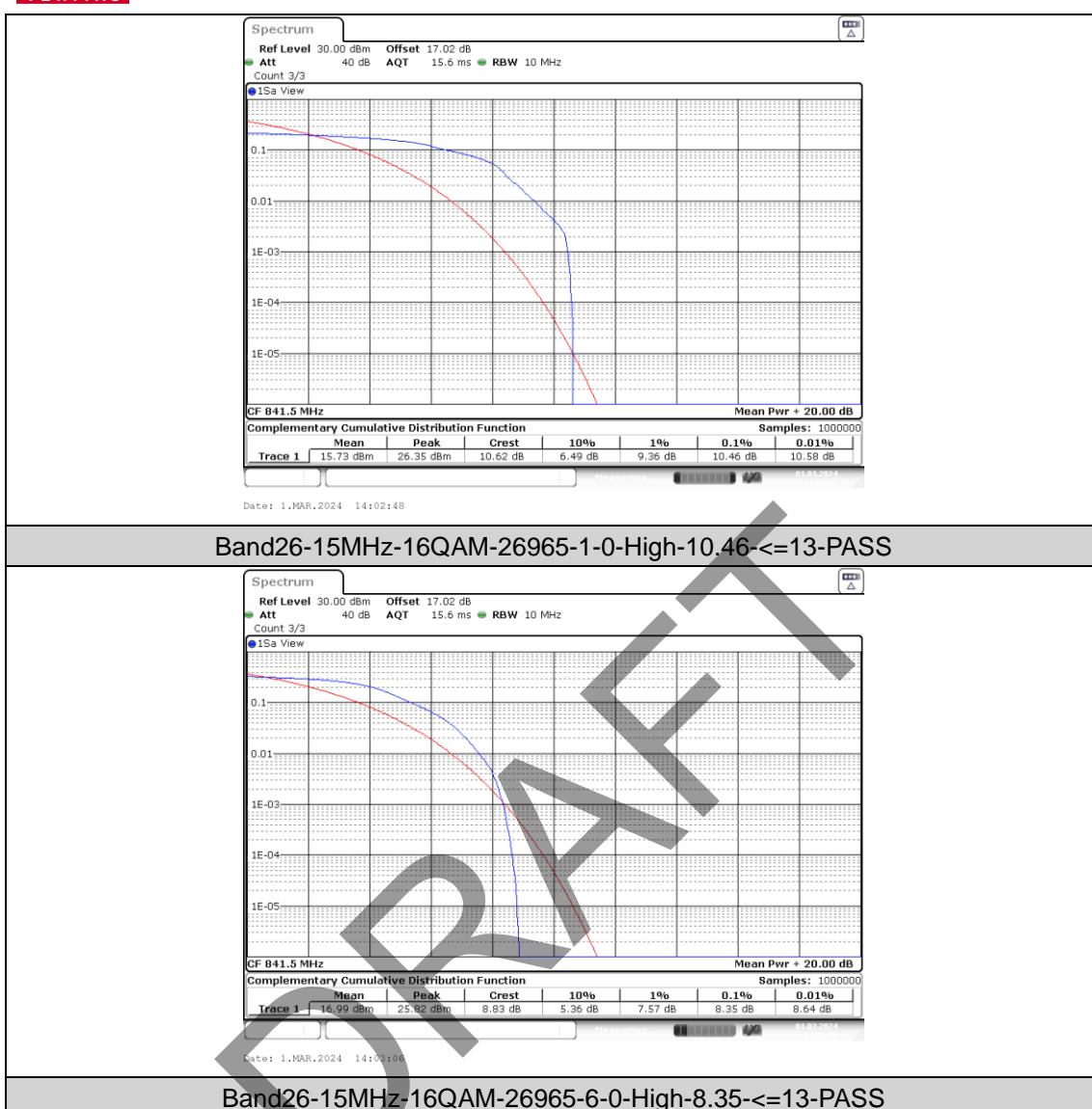
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR M1

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GPRS850	128	0.242	0.31	---	PASS
GPRS850	190	0.244	0.32	---	PASS
GPRS850	251	0.243	0.32	---	PASS
EGPRS850	128	0.241	0.32	---	PASS
EGPRS850	190	0.241	0.31	---	PASS
EGPRS850	251	0.241	0.32	---	PASS

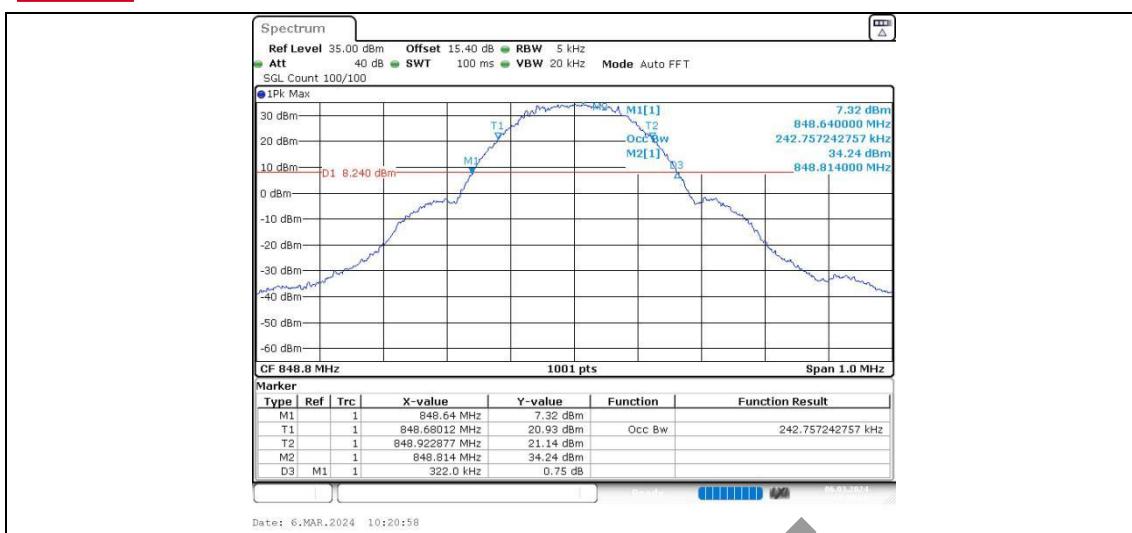
GPRS 850 Test Graphs



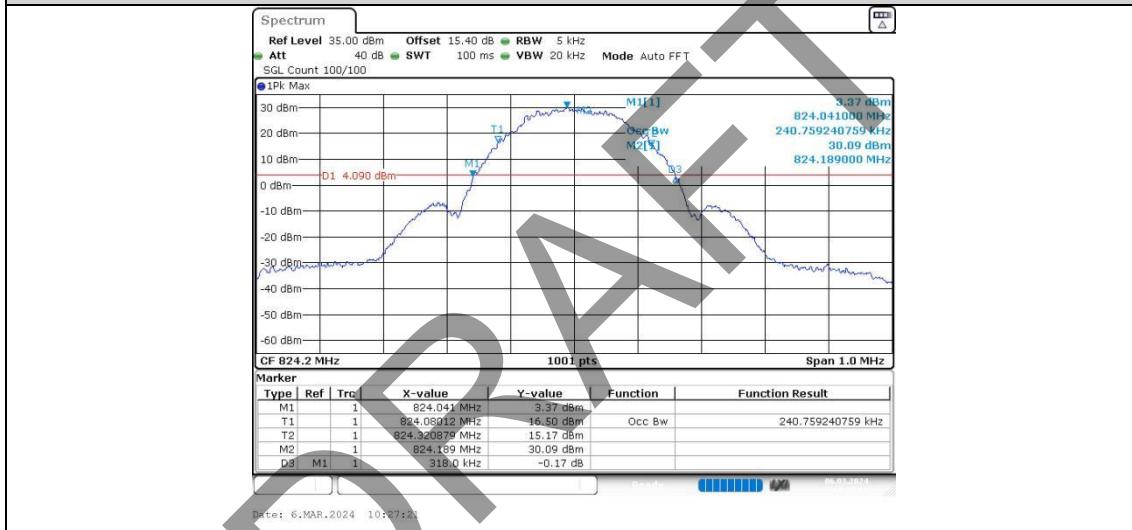


BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



GPRS850-251



EGPRS850-128



EGPRS850-190

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

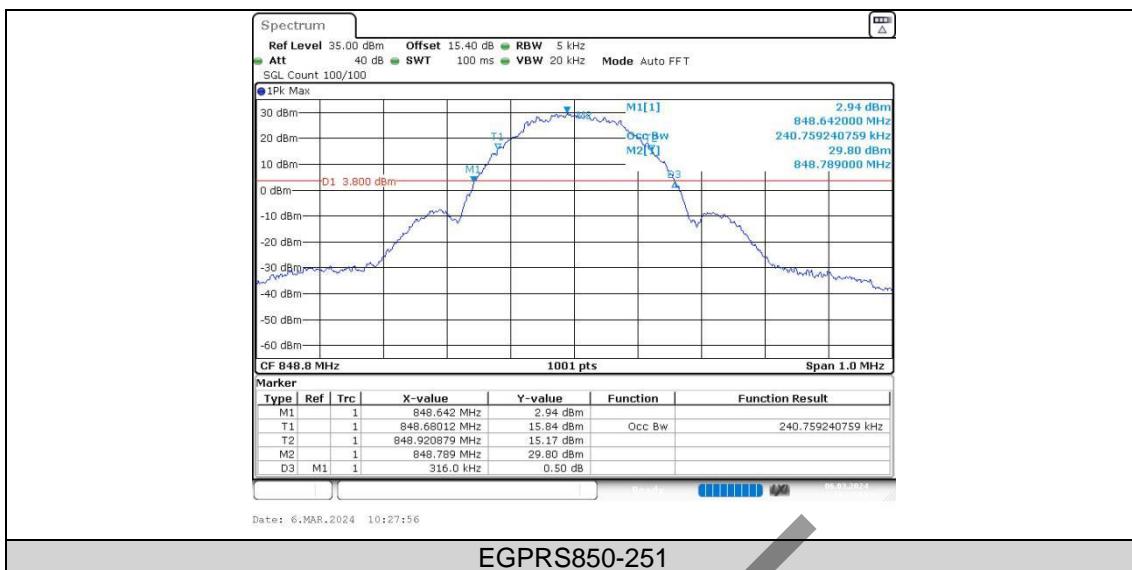
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



Band 5 Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	20407	QPSK	6	0	Low	1.103	1.311	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	1.1	1.326	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	1.1	1.299	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	1.103	1.314	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	1.1	1.302	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	1.1	1.302	PASS
Band5	3MHz	20415	QPSK	6	0	Low	1.127	1.356	PASS
Band5	3MHz	20525	QPSK	6	0	Low	1.127	1.428	PASS
Band5	3MHz	20635	QPSK	6	0	High	1.127	1.344	PASS
Band5	3MHz	20415	16QAM	6	0	Low	1.127	1.356	PASS
Band5	3MHz	20525	16QAM	6	0	Low	1.127	1.422	PASS
Band5	3MHz	20635	16QAM	6	0	High	1.127	1.338	PASS
Band5	5MHz	20425	QPSK	6	0	Low	1.209	1.490	PASS
Band5	5MHz	20525	QPSK	6	0	Low	1.199	1.490	PASS
Band5	5MHz	20625	QPSK	6	0	High	1.199	1.460	PASS
Band5	5MHz	20425	16QAM	6	0	Low	1.209	1.490	PASS
Band5	5MHz	20525	16QAM	6	0	Low	1.199	1.480	PASS
Band5	5MHz	20625	16QAM	6	0	High	1.199	1.450	PASS
Band5	10MHz	20450	QPSK	6	0	Low	1.379	2.000	PASS
Band5	10MHz	20525	QPSK	6	0	Low	1.439	2.500	PASS
Band5	10MHz	20600	QPSK	6	0	High	1.399	2.300	PASS
Band5	10MHz	20450	16QAM	6	0	Low	1.379	2.020	PASS
Band5	10MHz	20525	16QAM	6	0	Low	1.439	2.520	PASS
Band5	10MHz	20600	16QAM	6	0	High	1.399	2.300	PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

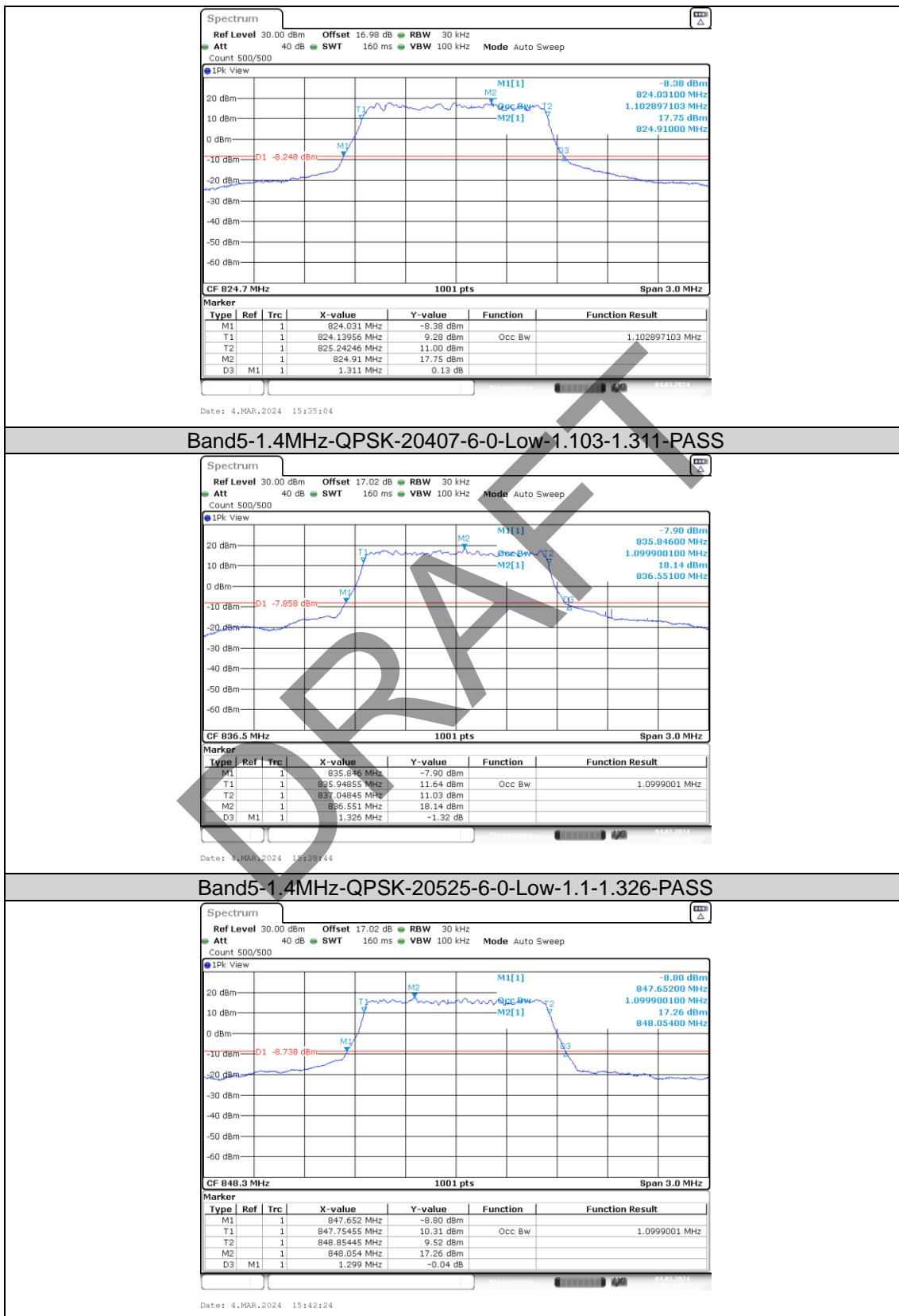
Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band 5 Test Graphs



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

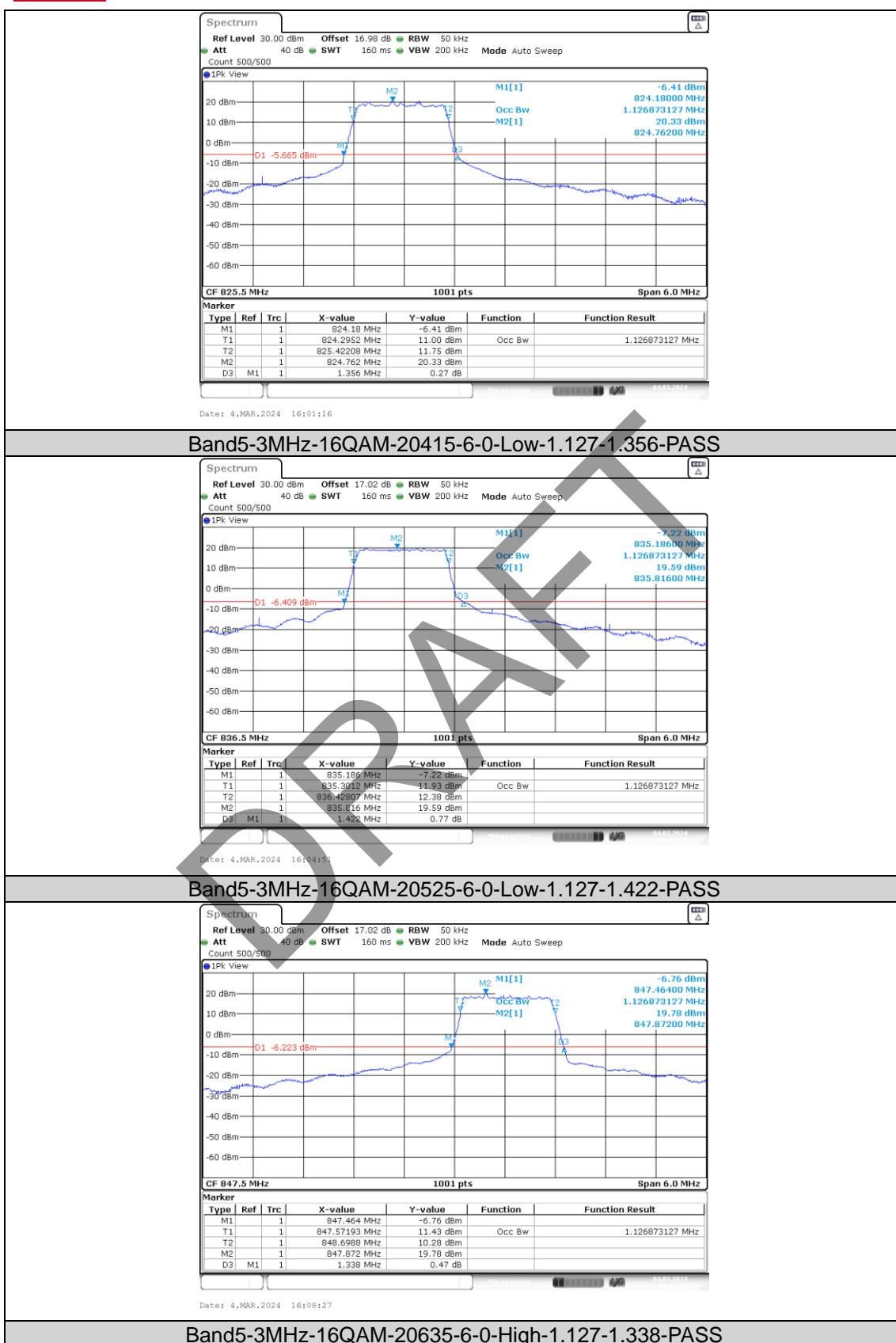
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

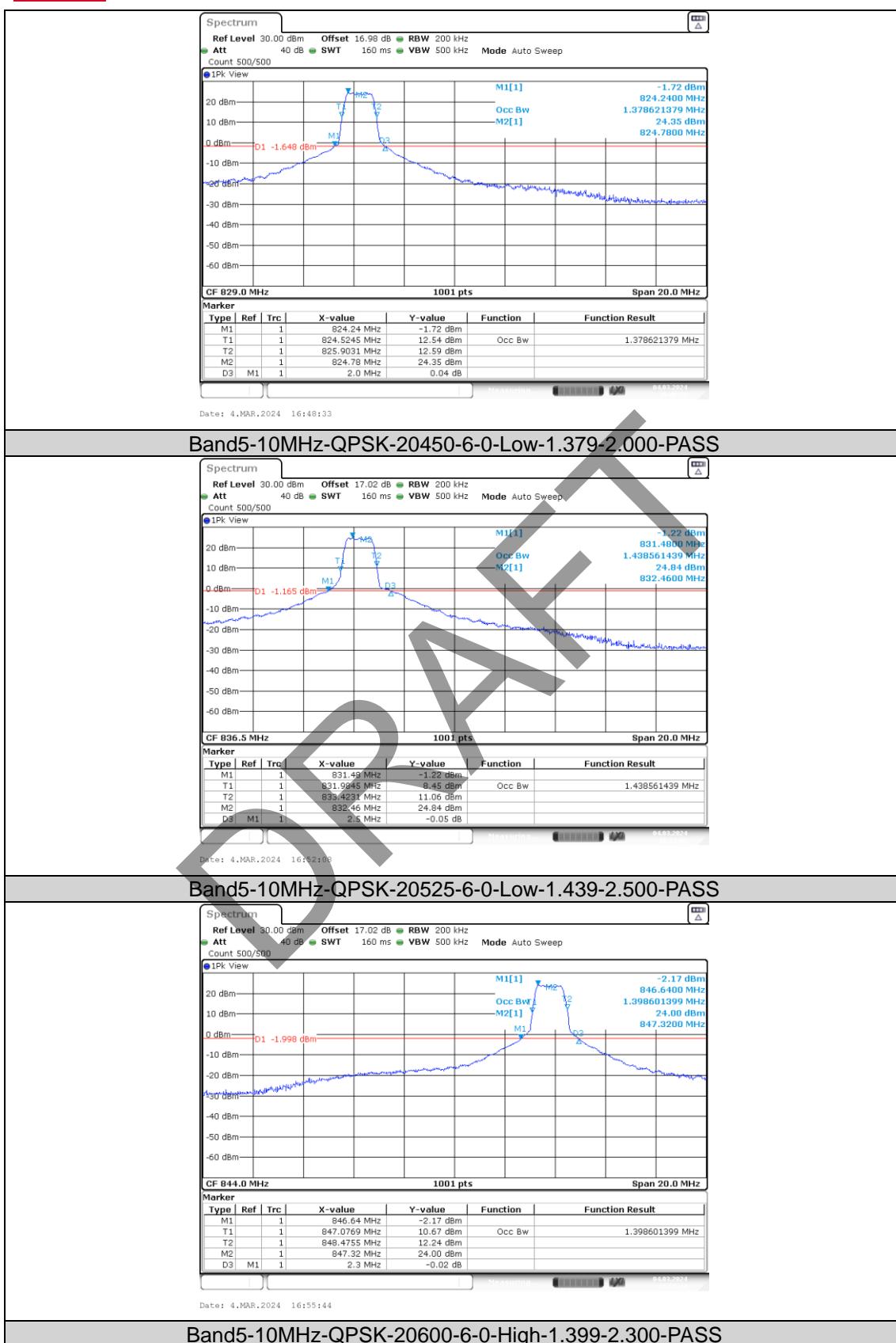
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band 26 Test Result

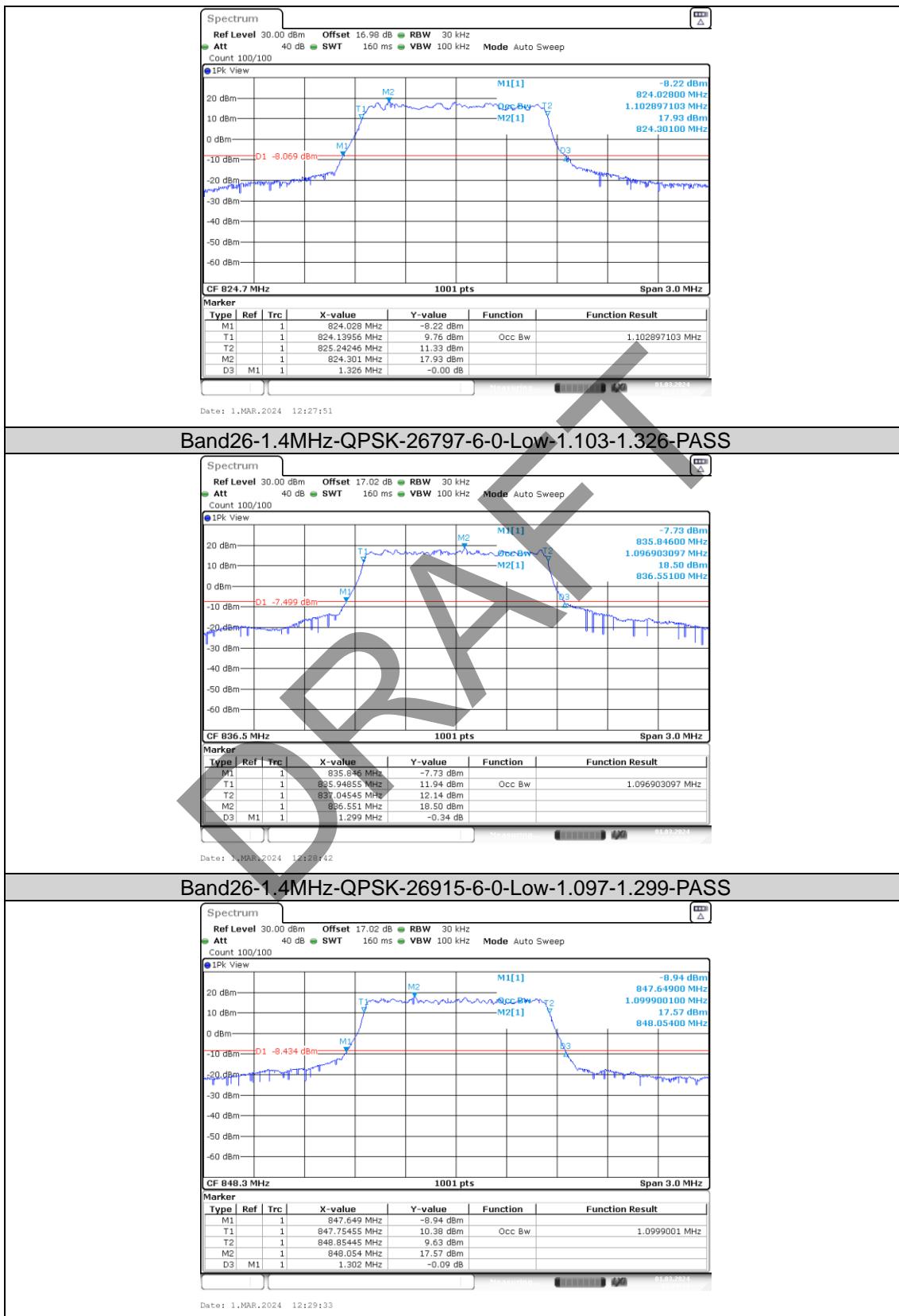
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	26797	QPSK	6	0	Low	1.103	1.326	PASS
Band26	1.4MHz	26915	QPSK	6	0	Low	1.097	1.299	PASS
Band26	1.4MHz	27033	QPSK	6	0	High	1.1	1.302	PASS
Band26	1.4MHz	26797	16QAM	6	0	Low	1.103	1.329	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	1.097	1.299	PASS
Band26	1.4MHz	27033	16QAM	6	0	High	1.1	1.299	PASS
Band26	3MHz	26805	QPSK	6	0	Low	1.121	1.332	PASS
Band26	3MHz	26915	QPSK	6	0	Low	1.121	1.368	PASS
Band26	3MHz	27025	QPSK	6	0	High	1.109	1.332	PASS
Band26	3MHz	26805	16QAM	6	0	Low	1.127	1.338	PASS
Band26	3MHz	26915	16QAM	6	0	Low	1.121	1.362	PASS
Band26	3MHz	27025	16QAM	6	0	High	1.109	1.332	PASS
Band26	5MHz	26815	QPSK	6	0	Low	1.189	1.65	PASS
Band26	5MHz	26915	QPSK	6	0	Low	1.209	1.6	PASS
Band26	5MHz	27015	QPSK	6	0	High	1.199	1.64	PASS
Band26	5MHz	26815	16QAM	6	0	Low	1.189	1.65	PASS
Band26	5MHz	26915	16QAM	6	0	Low	1.209	1.6	PASS
Band26	5MHz	27015	16QAM	6	0	High	1.199	1.65	PASS
Band26	10MHz	26840	QPSK	6	0	Low	1.459	2.2	PASS
Band26	10MHz	26915	QPSK	6	0	Low	1.459	2.5	PASS
Band26	10MHz	26990	QPSK	6	0	High	1.459	2.22	PASS
Band26	10MHz	26840	16QAM	6	0	Low	1.439	2.18	PASS
Band26	10MHz	26915	16QAM	6	0	Low	1.459	2.48	PASS
Band26	10MHz	26990	16QAM	6	0	High	1.459	2.22	PASS
Band26	15MHz	26865	QPSK	6	0	Low	1.828	3	PASS
Band26	15MHz	26915	QPSK	6	0	Low	1.858	3.27	PASS
Band26	15MHz	26965	QPSK	6	0	High	1.768	2.91	PASS
Band26	15MHz	26865	16QAM	6	0	Low	1.828	3	PASS
Band26	15MHz	26915	16QAM	6	0	Low	1.858	3.33	PASS
Band26	15MHz	26965	16QAM	6	0	High	1.768	2.91	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band 26 Test Graphs



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

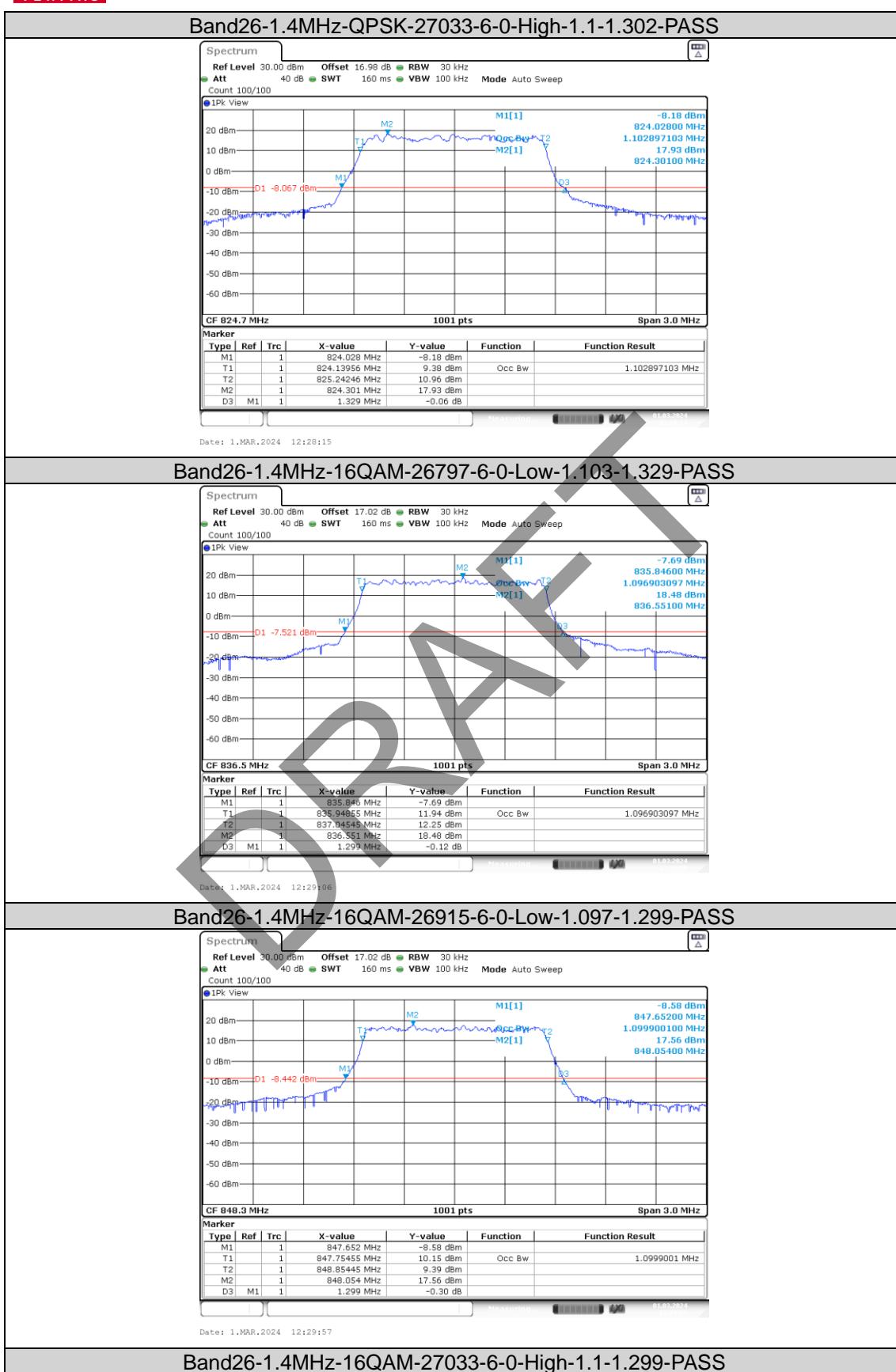
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

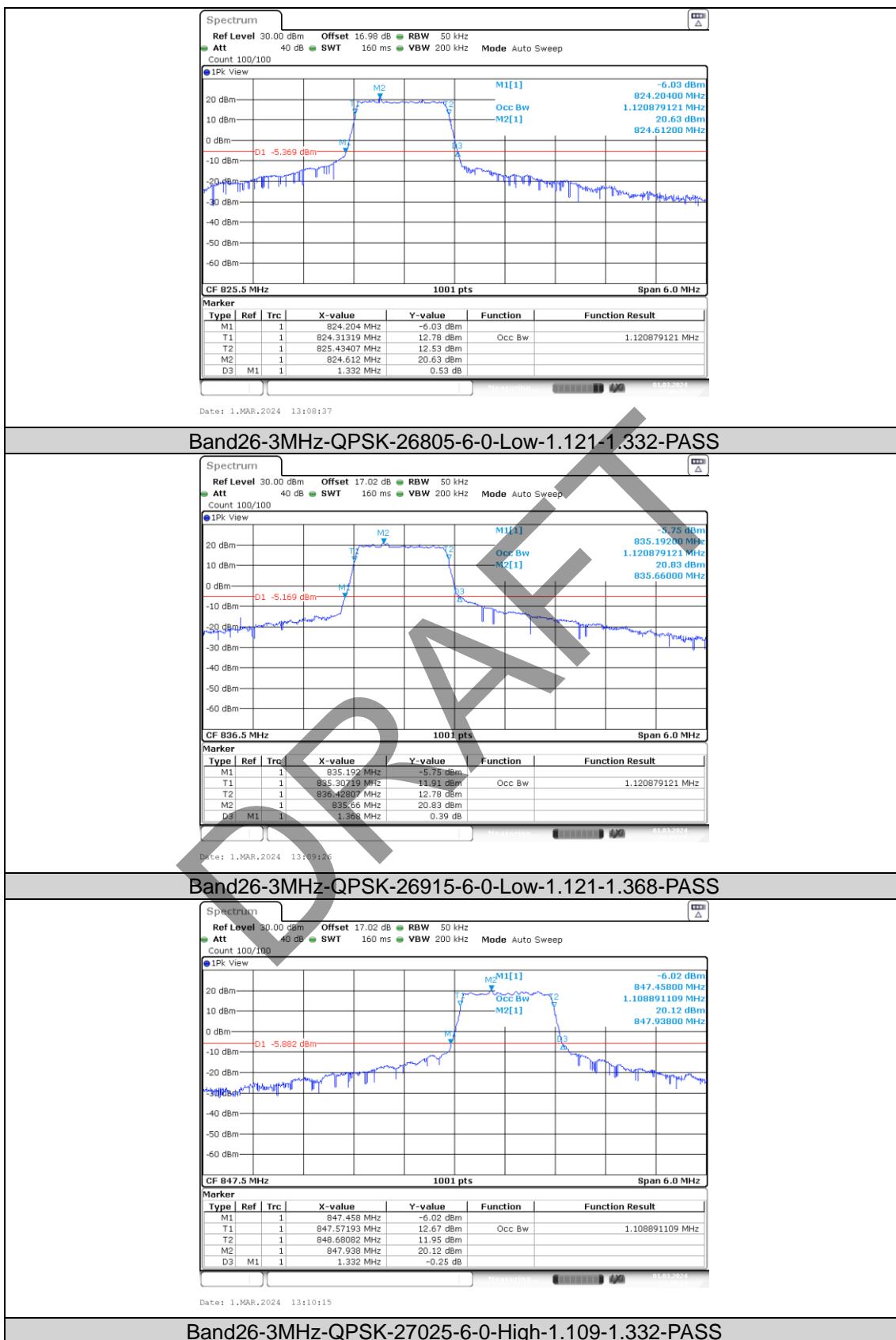
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

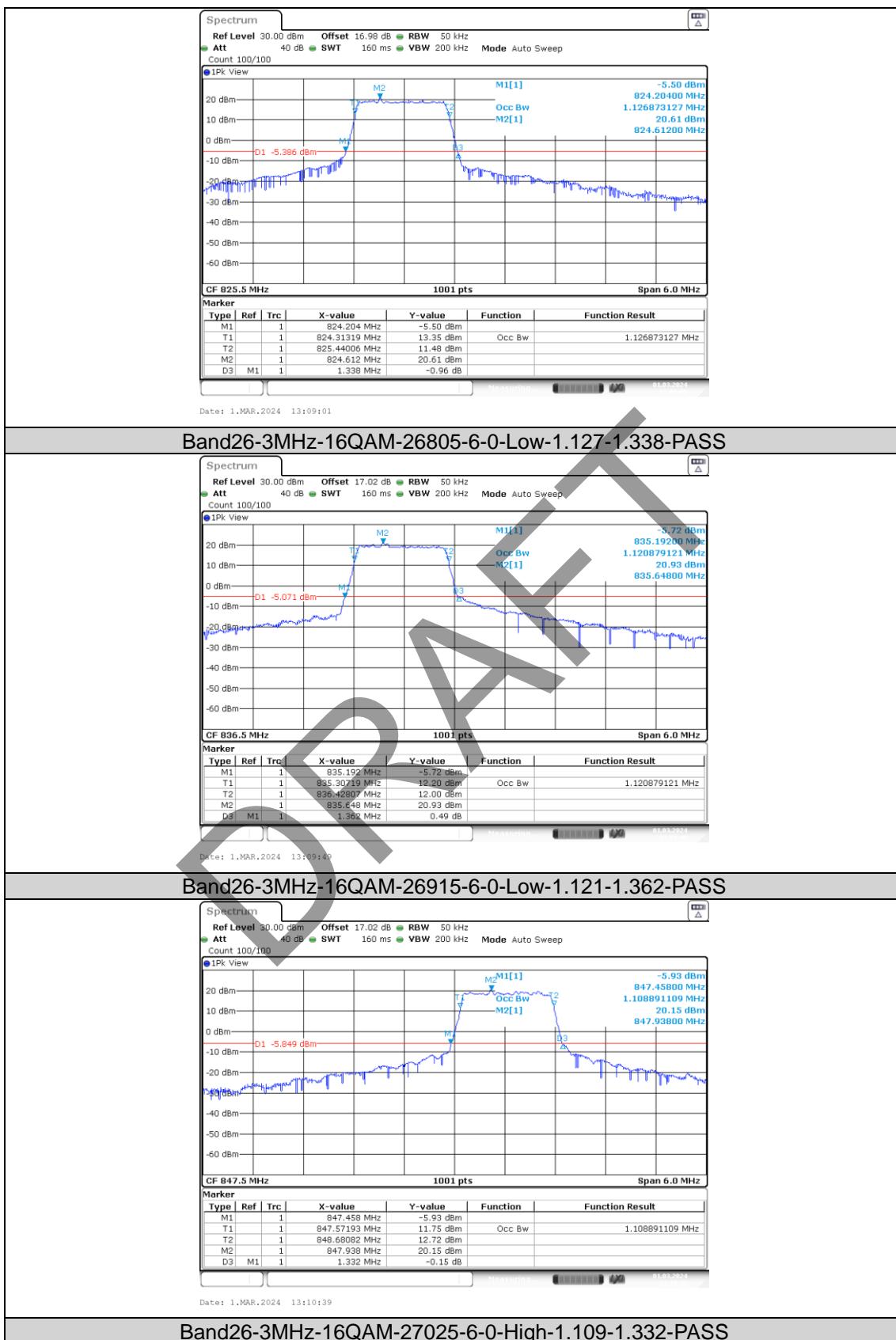
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

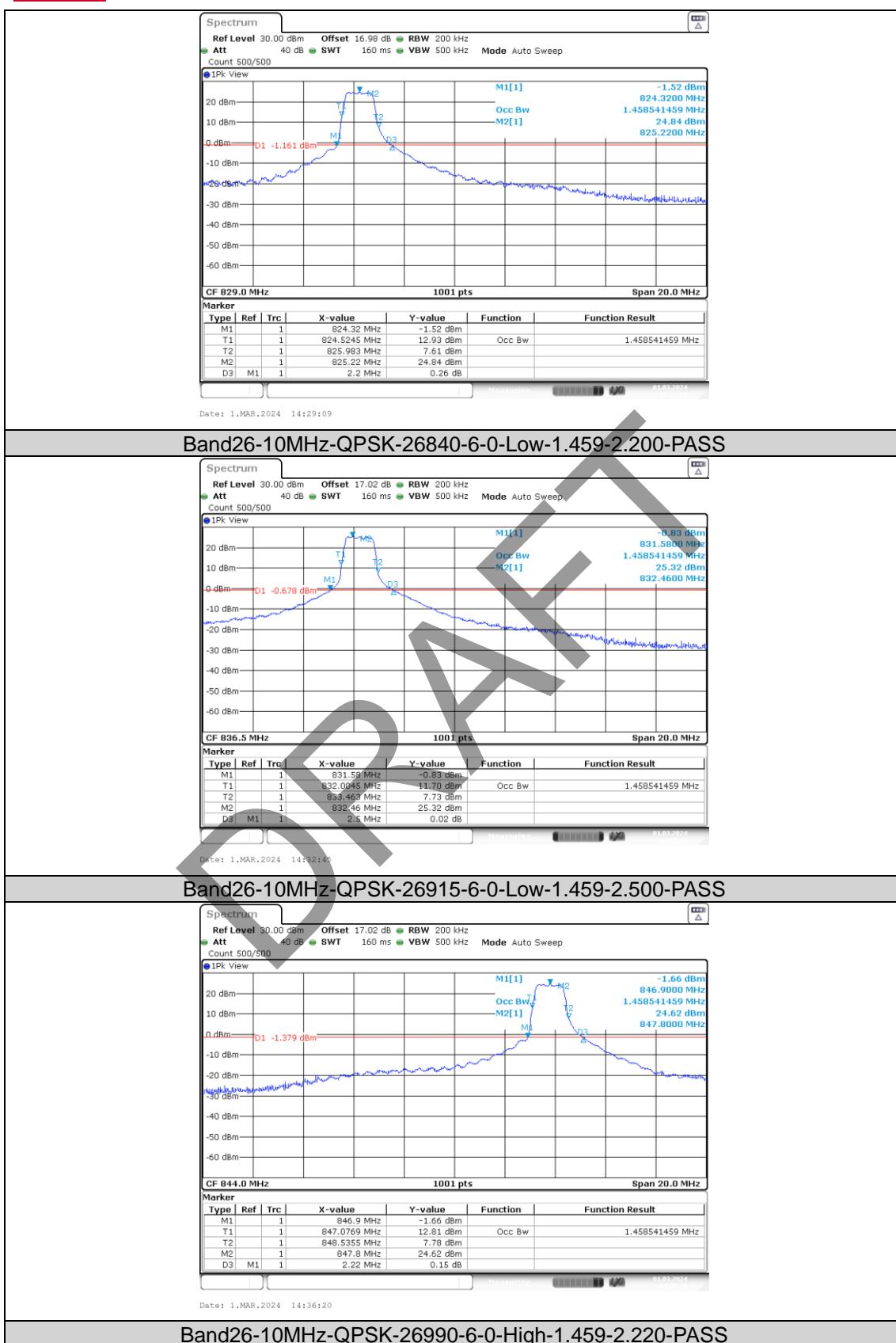
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

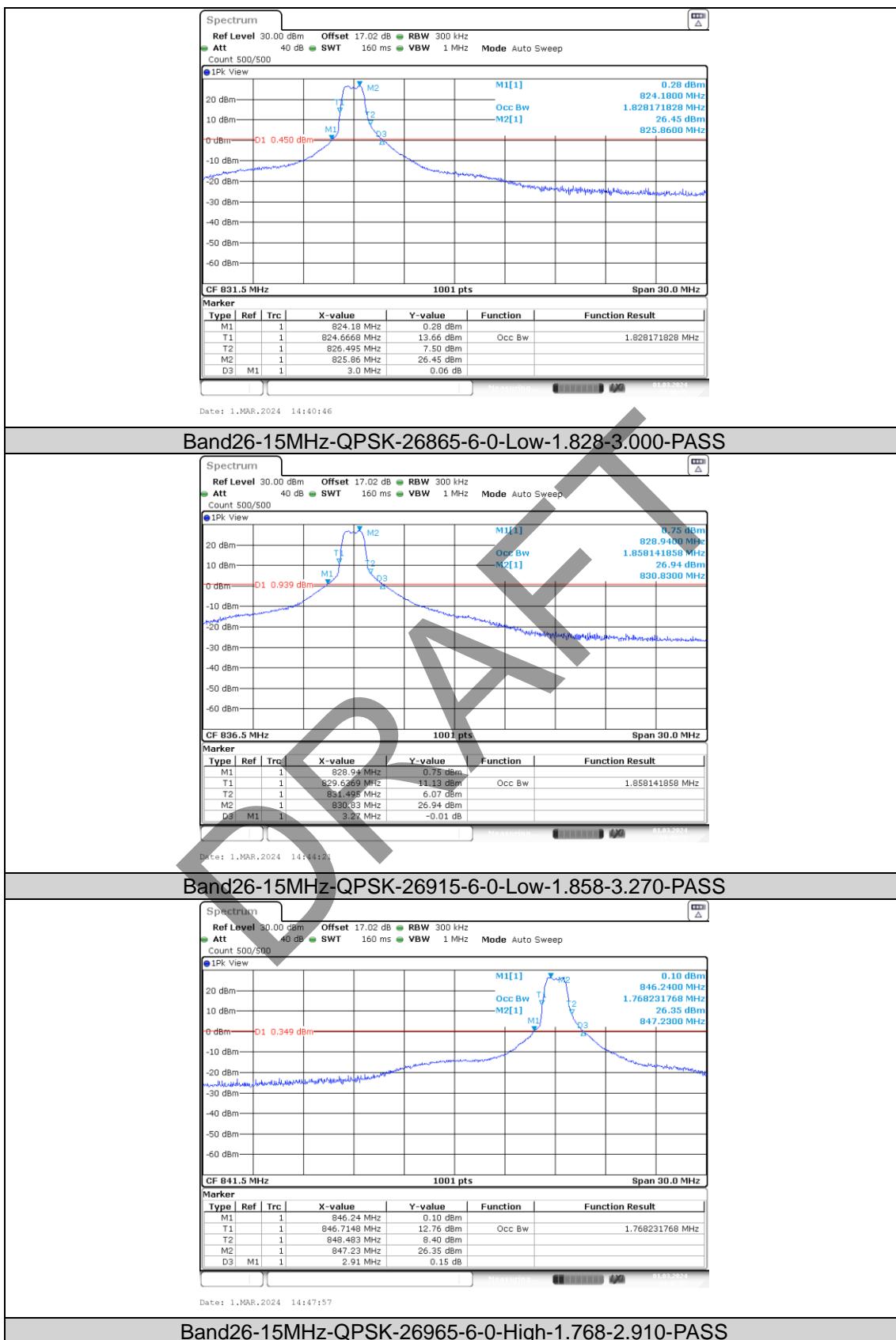
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

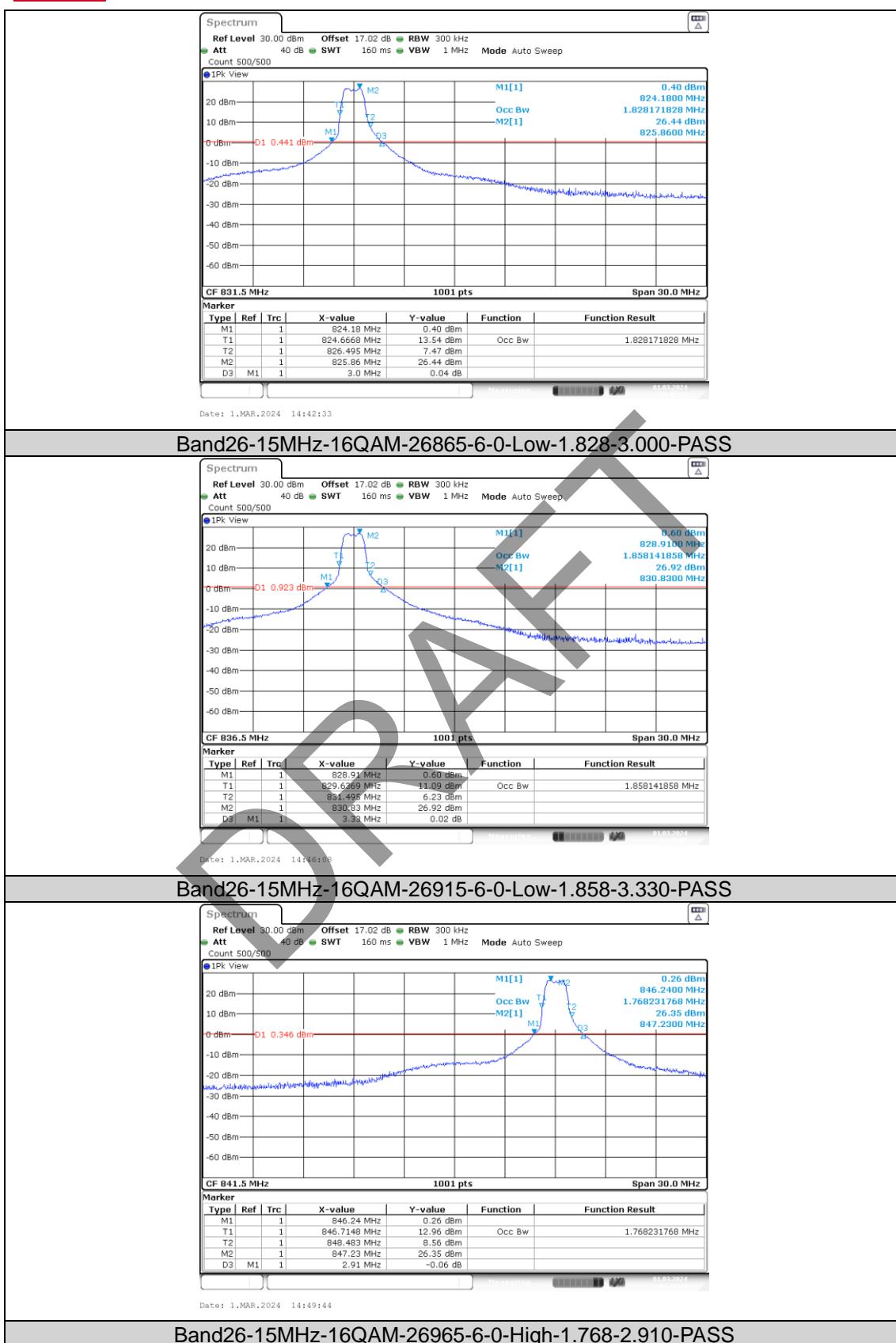
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

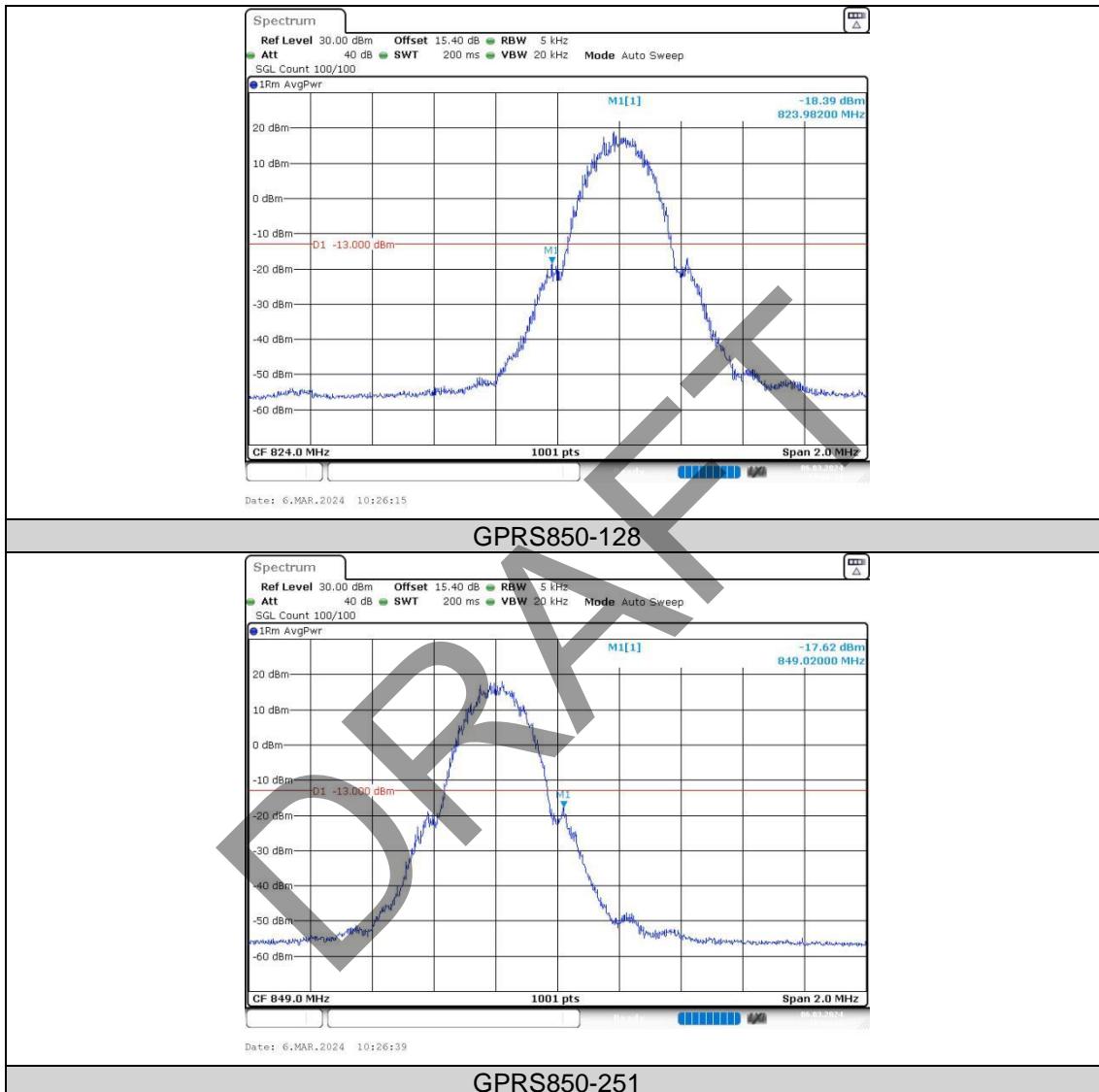


BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

BAND EDGE FOR M1

GPRS 850 Test Graphs



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

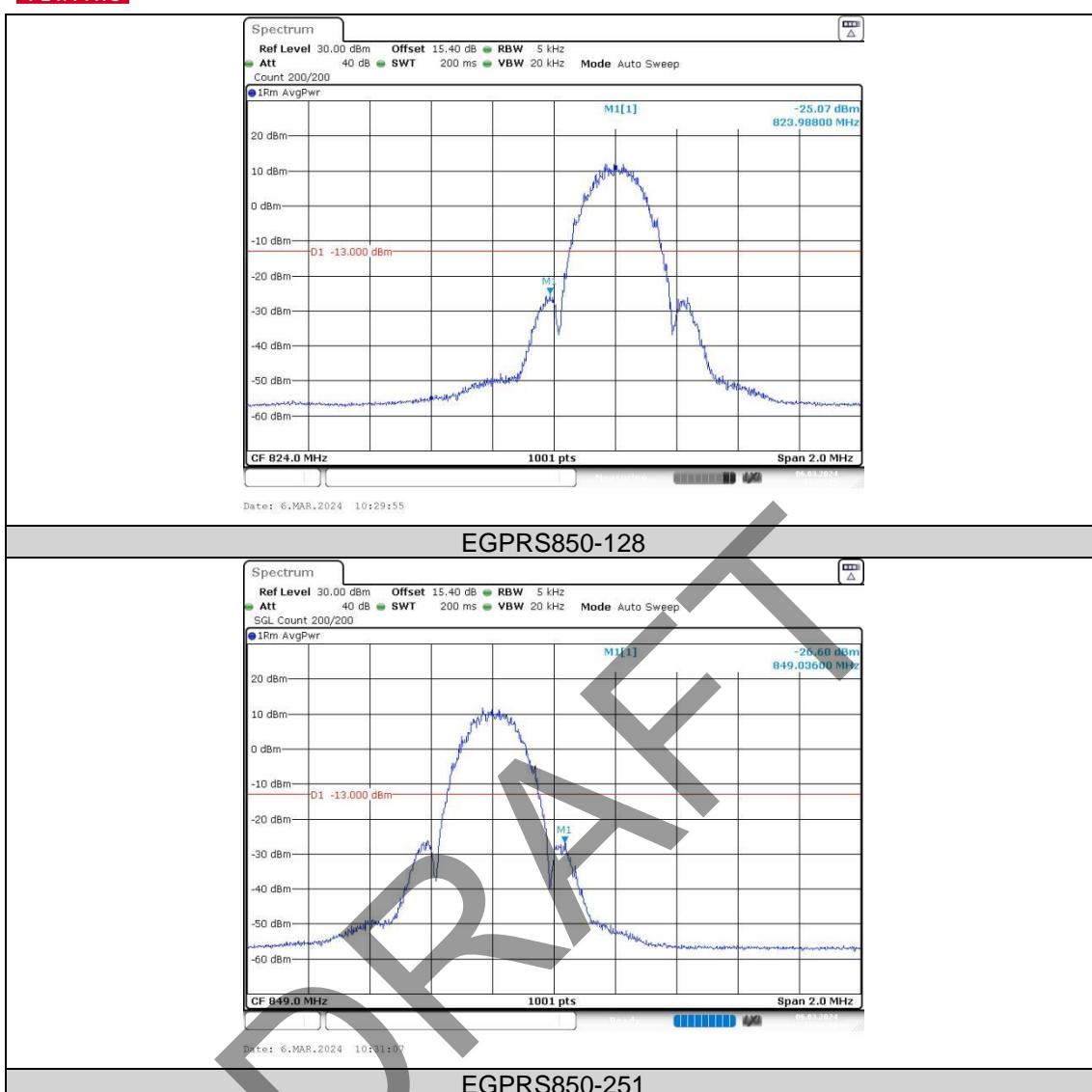
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

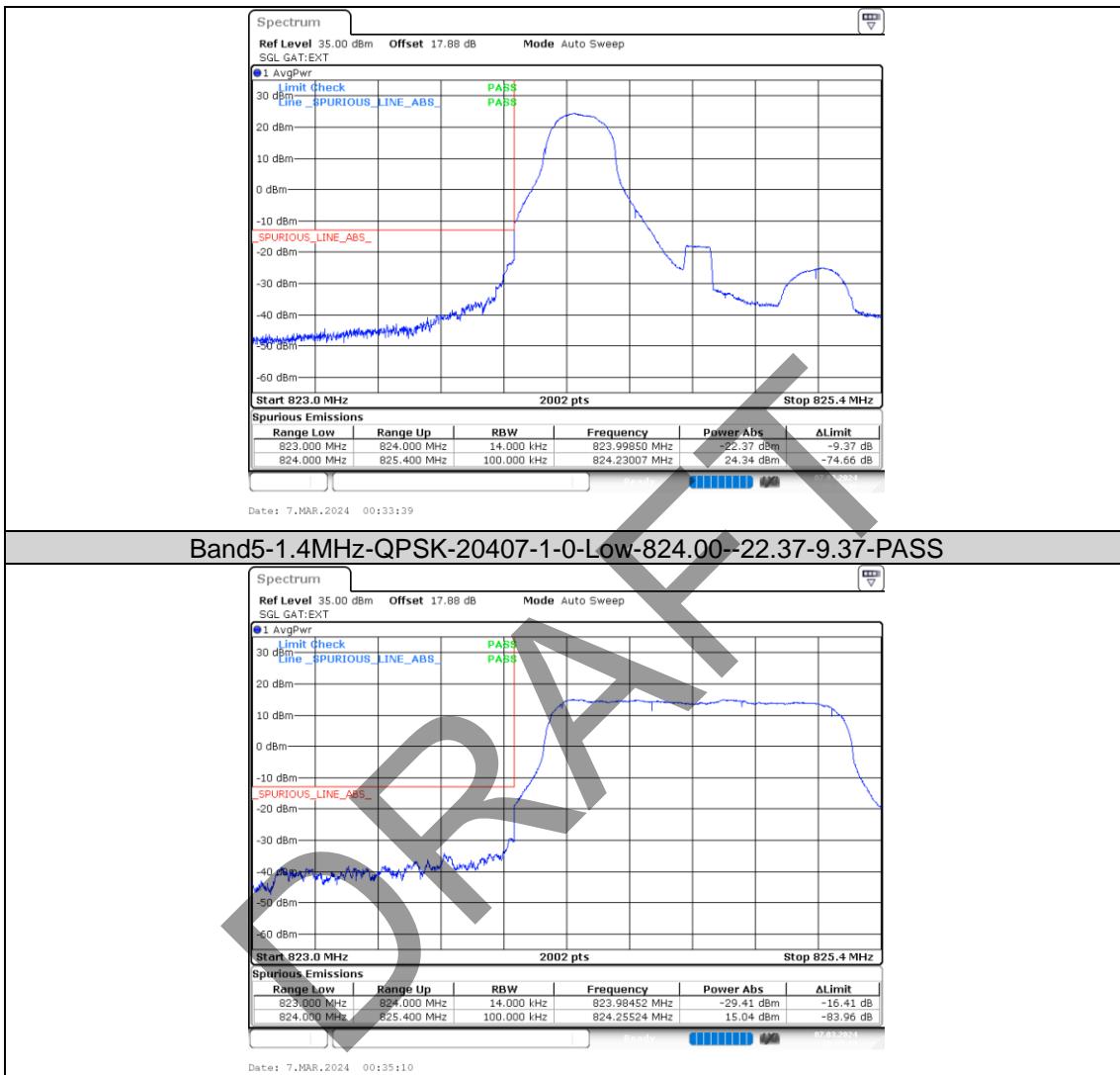
Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band 5 Test Graphs



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

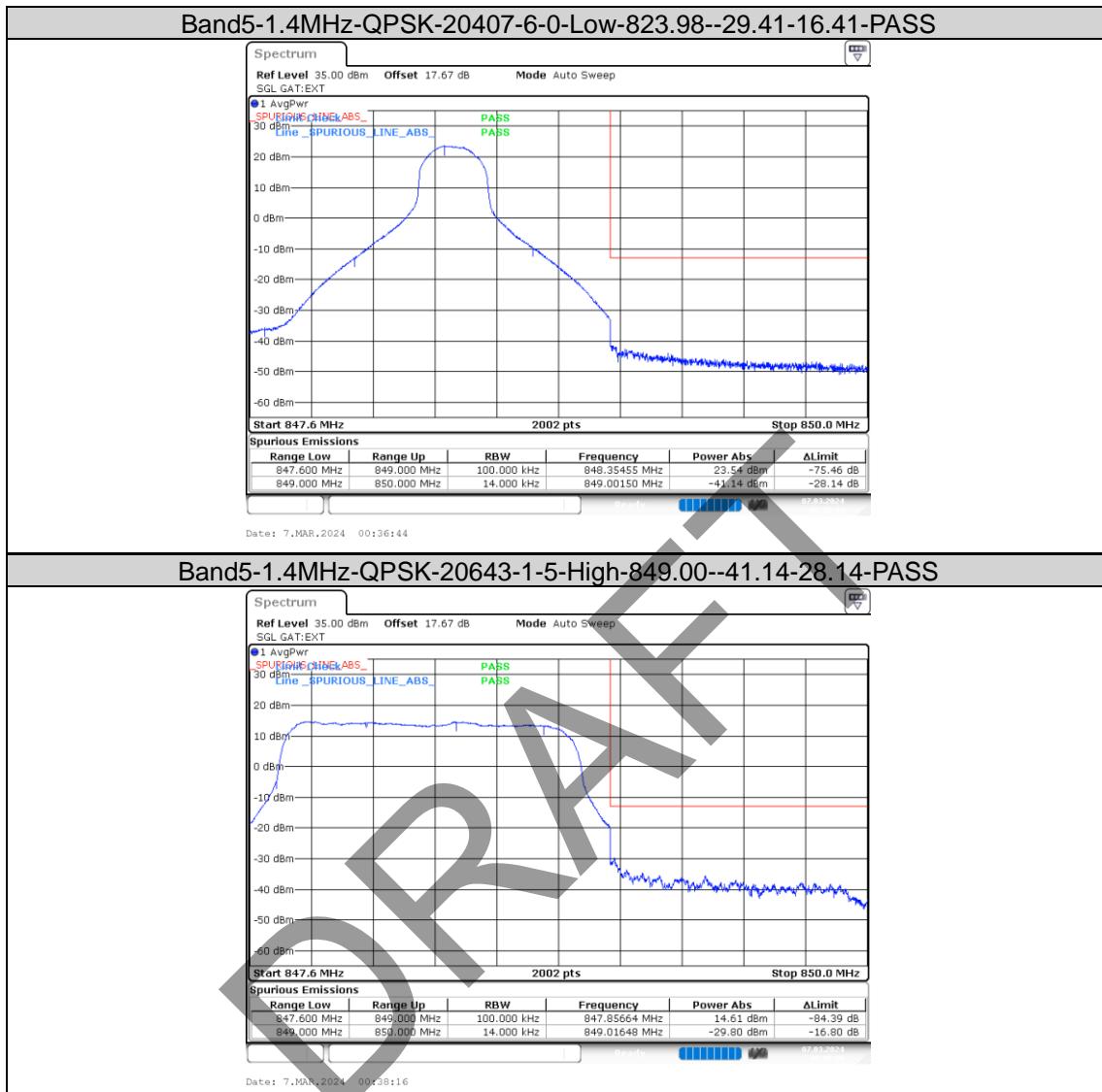
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

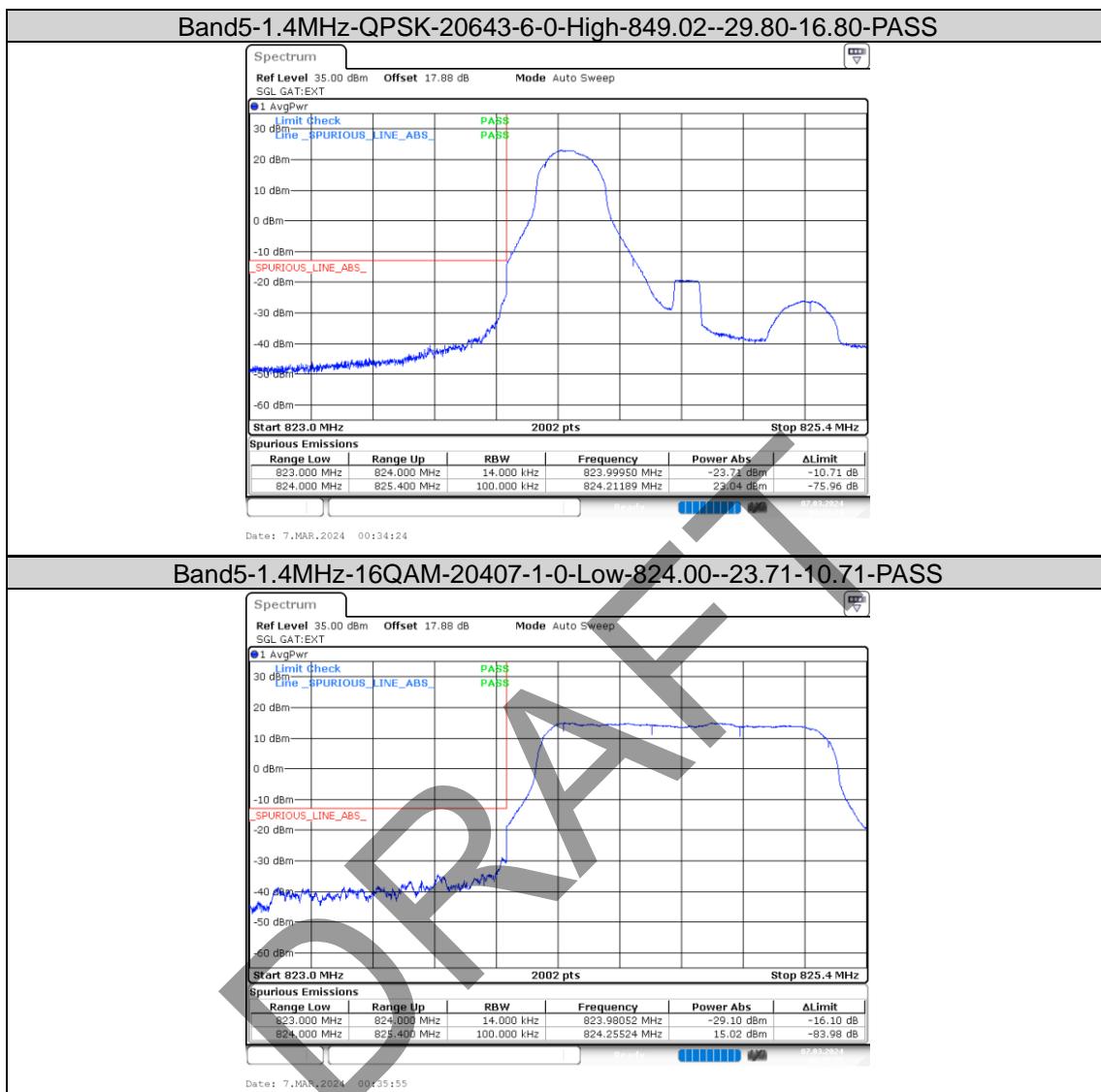
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

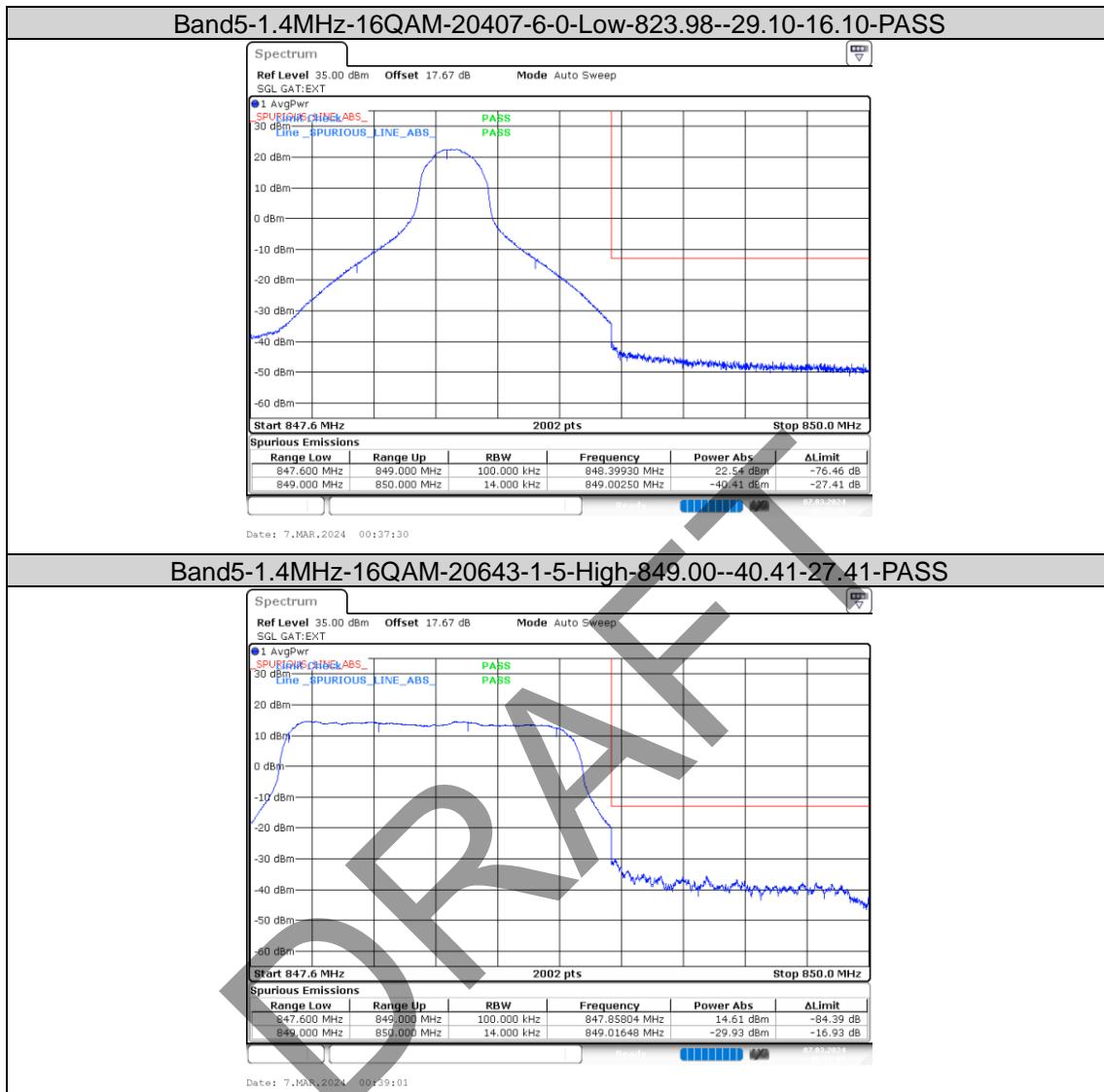
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

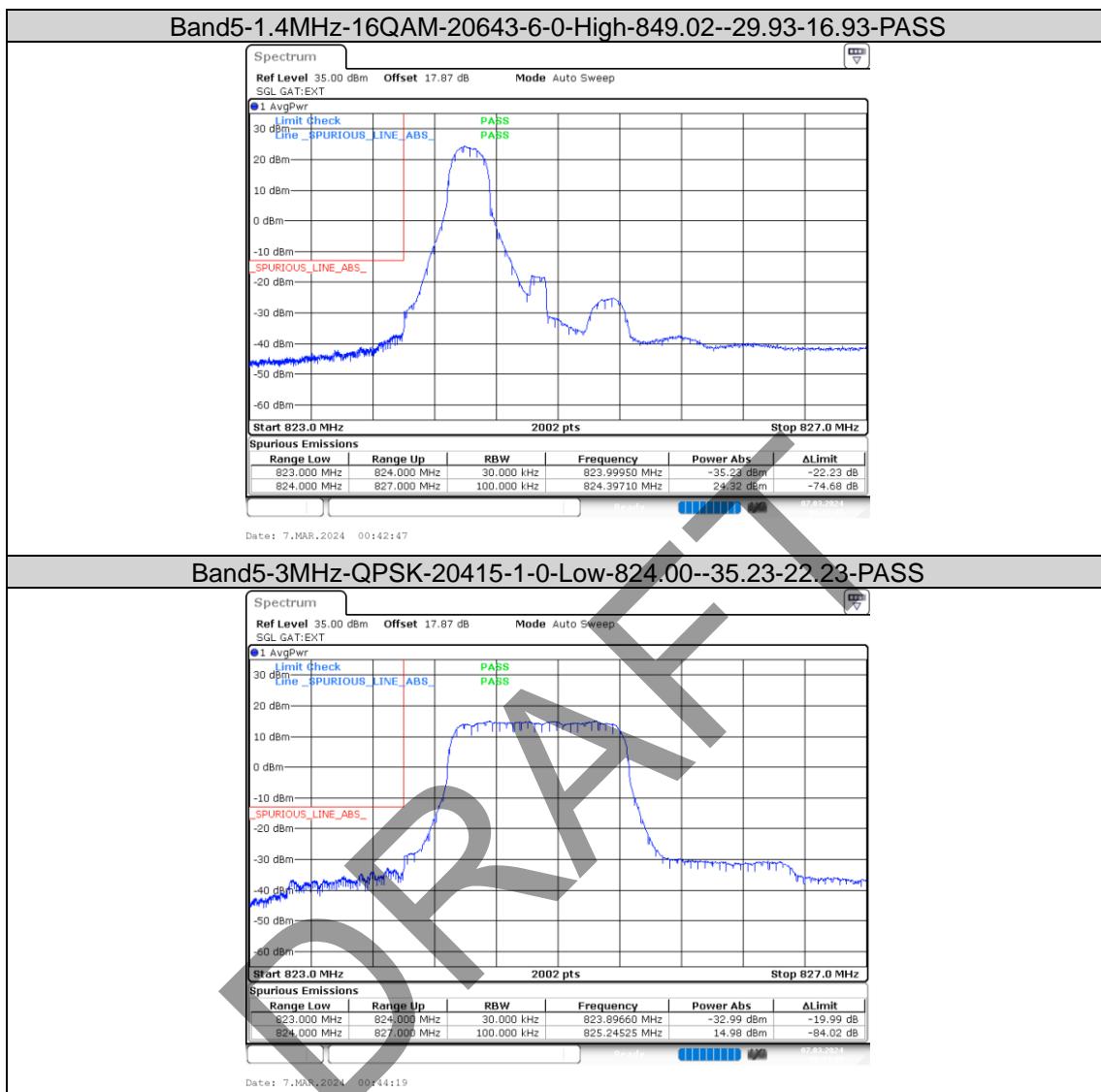
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

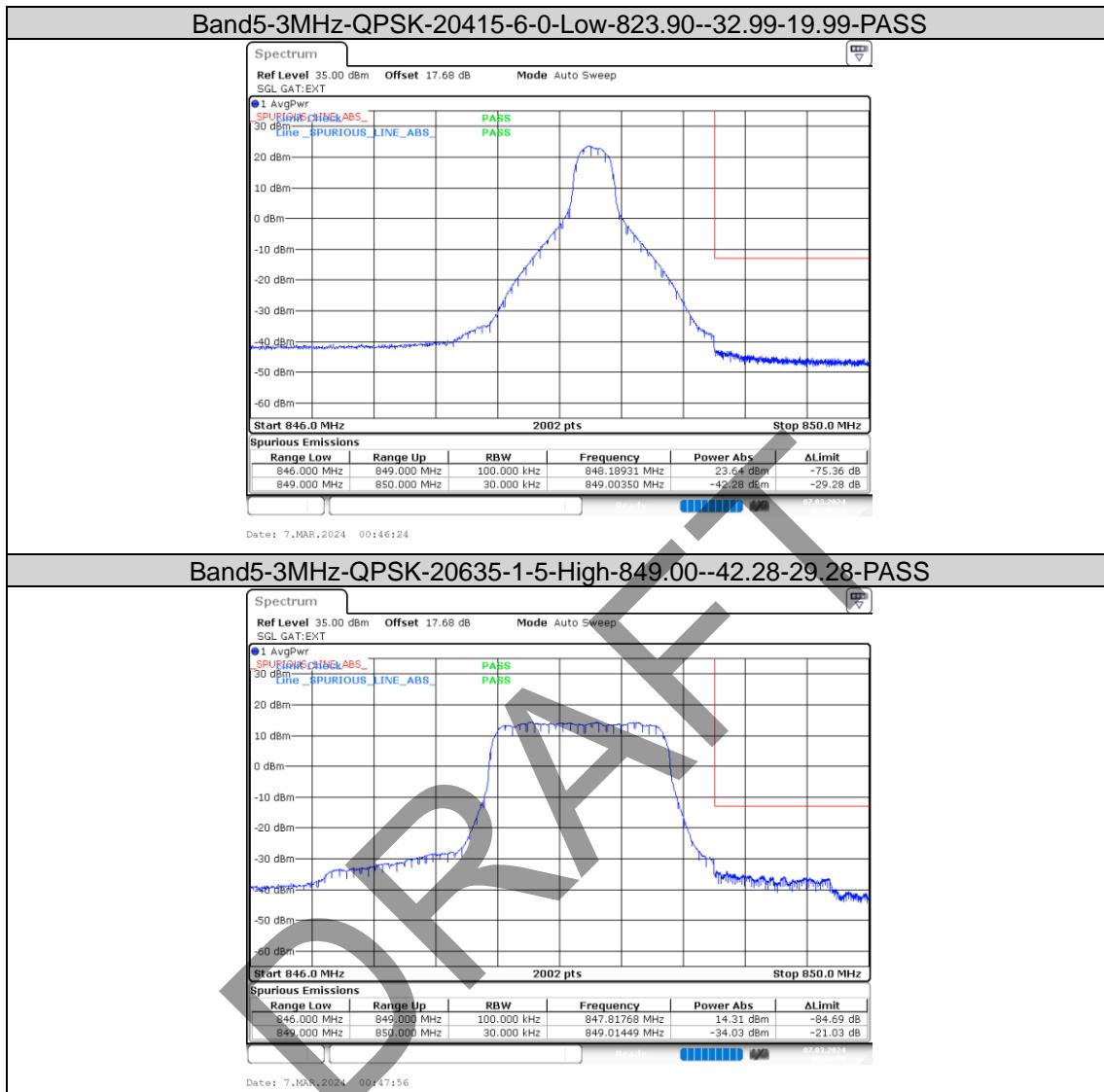
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

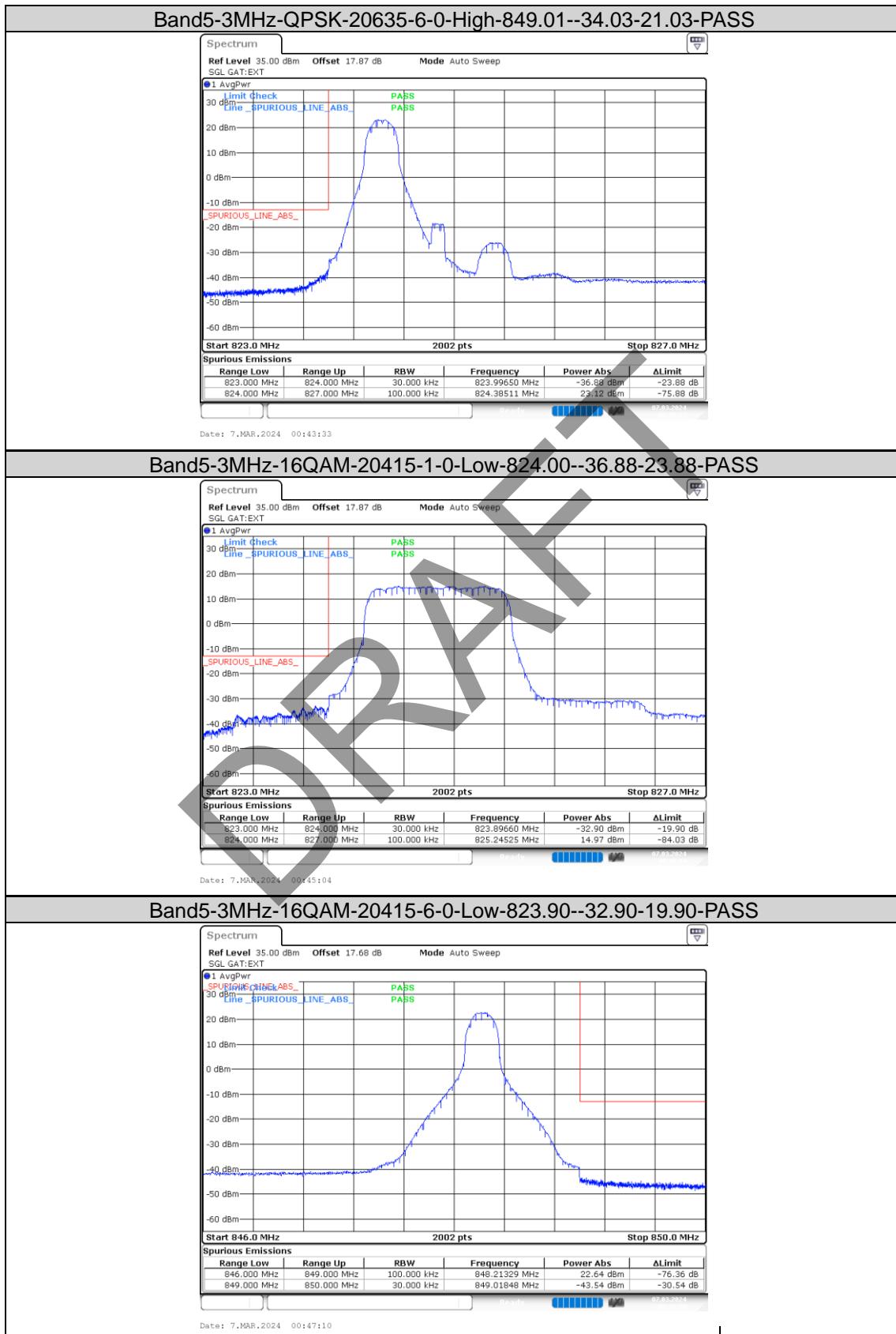
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B57, Warehouse A3, NO.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566

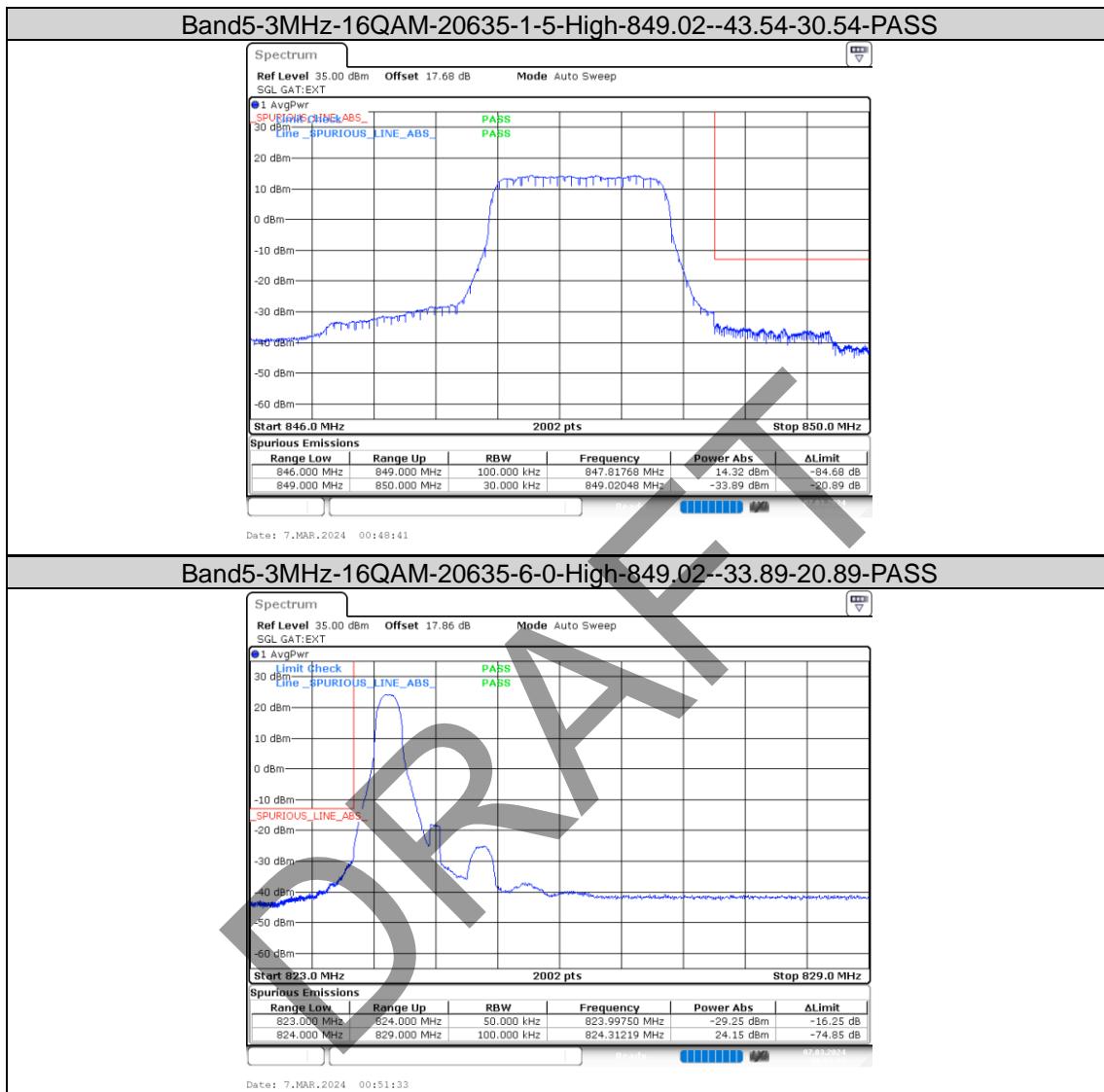
Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

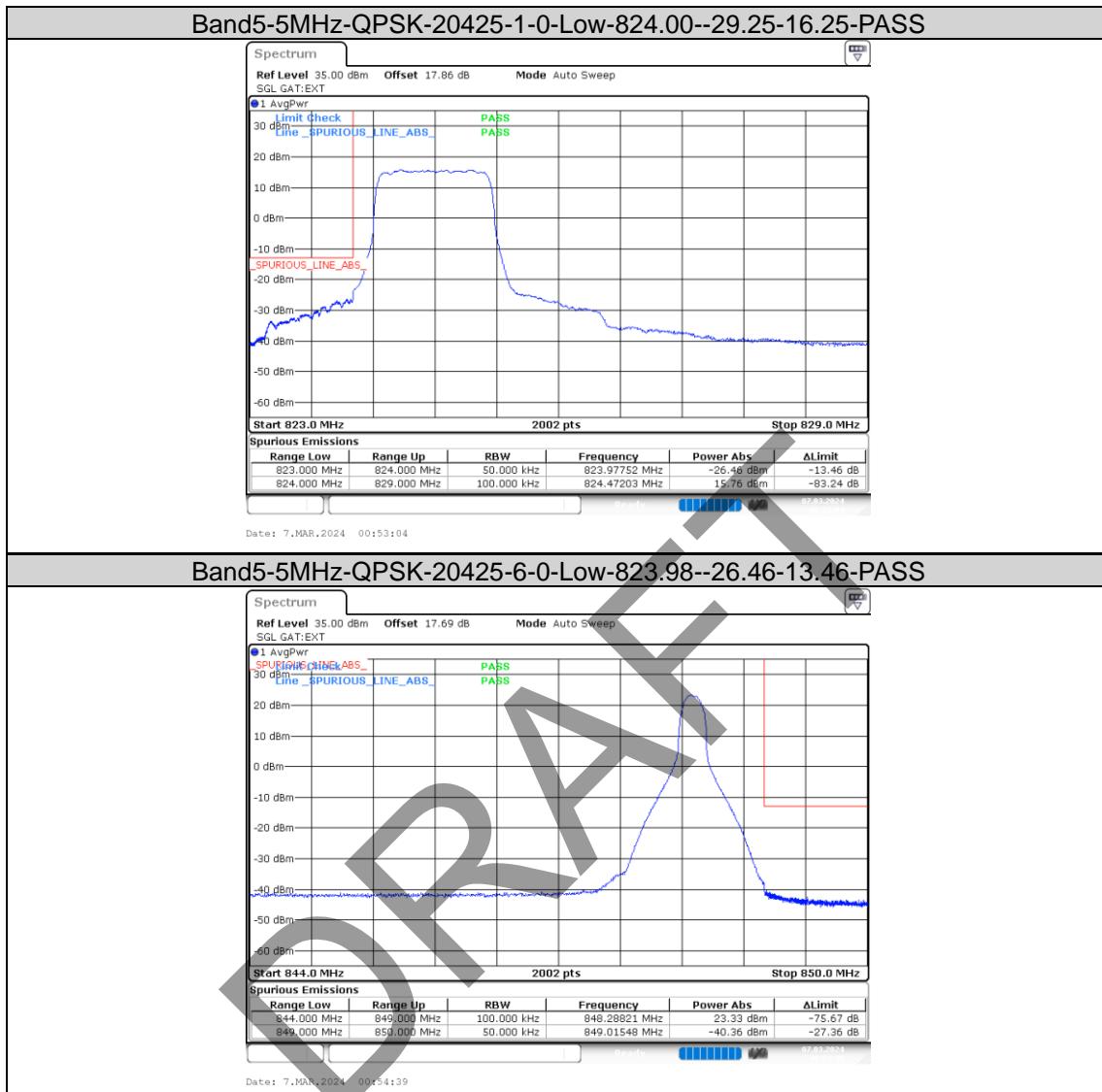
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

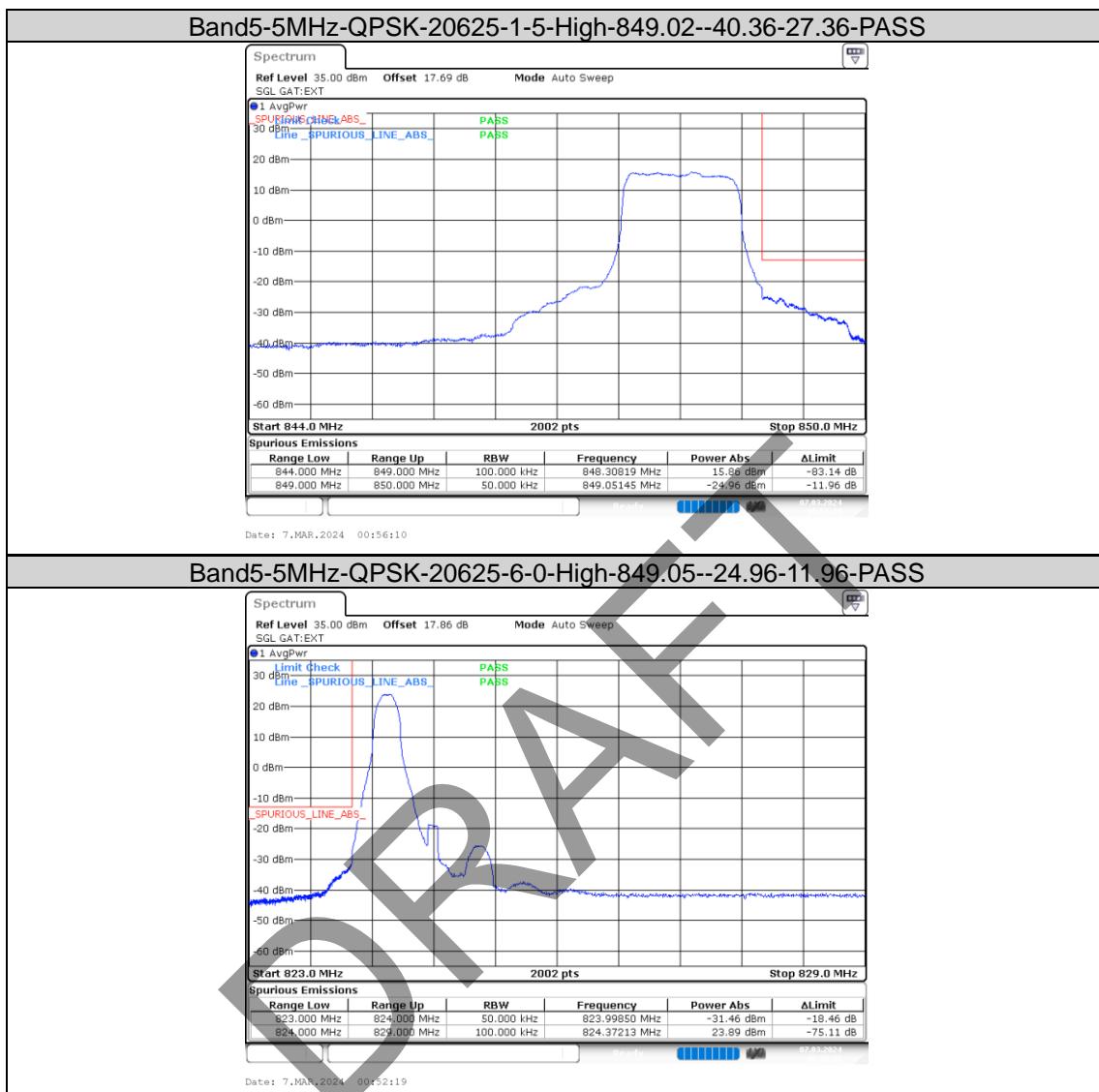
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

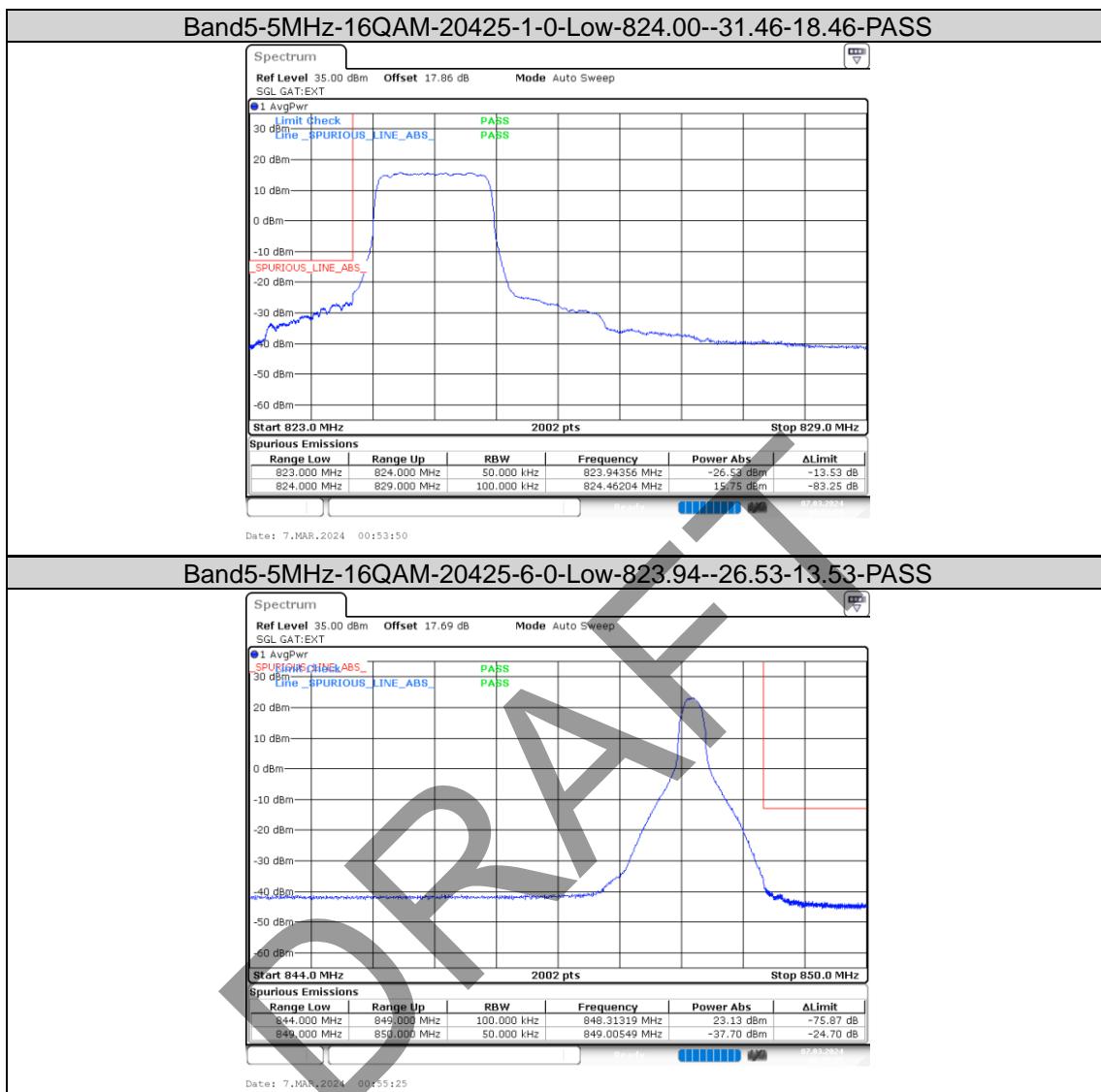
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

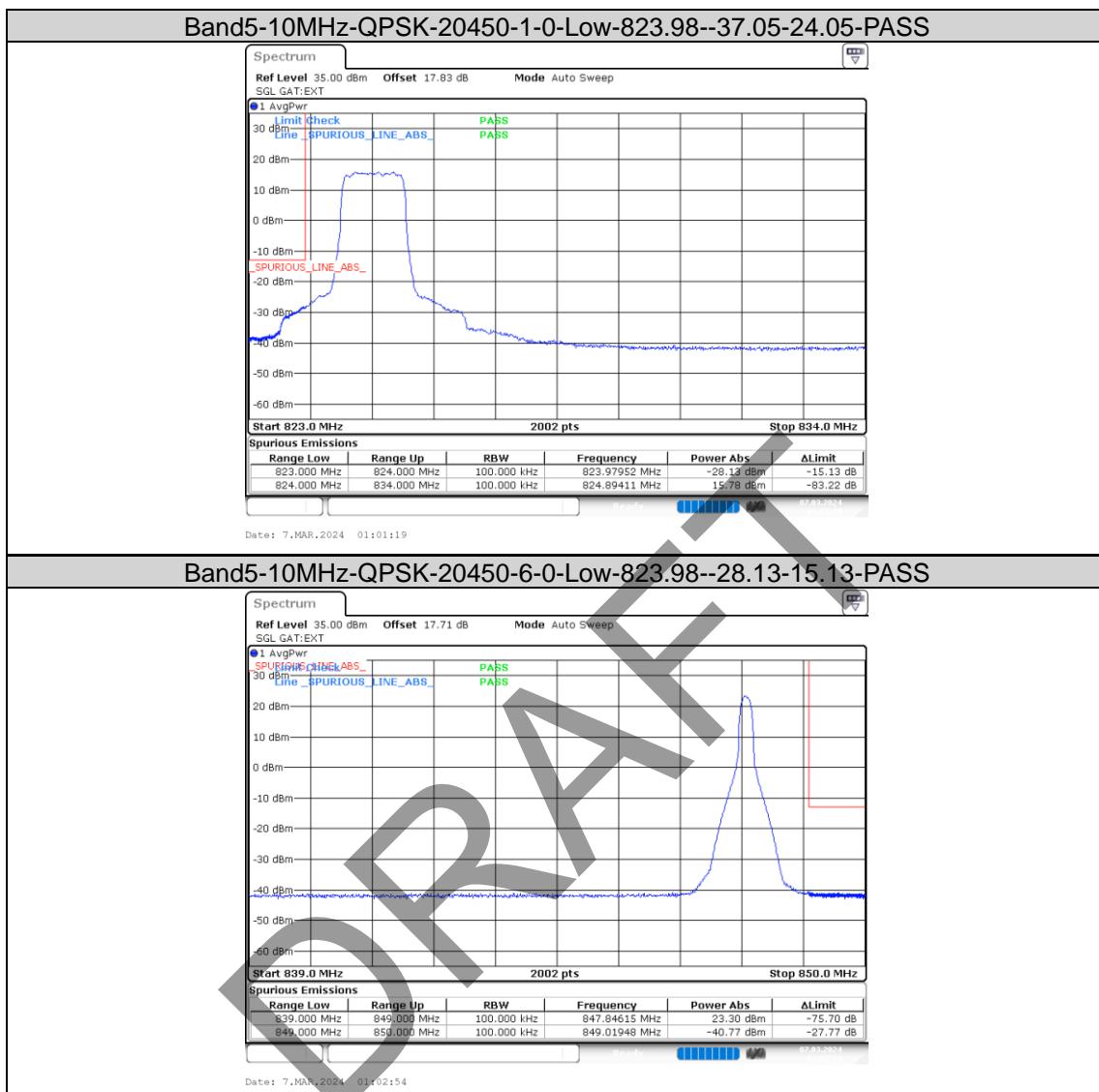
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

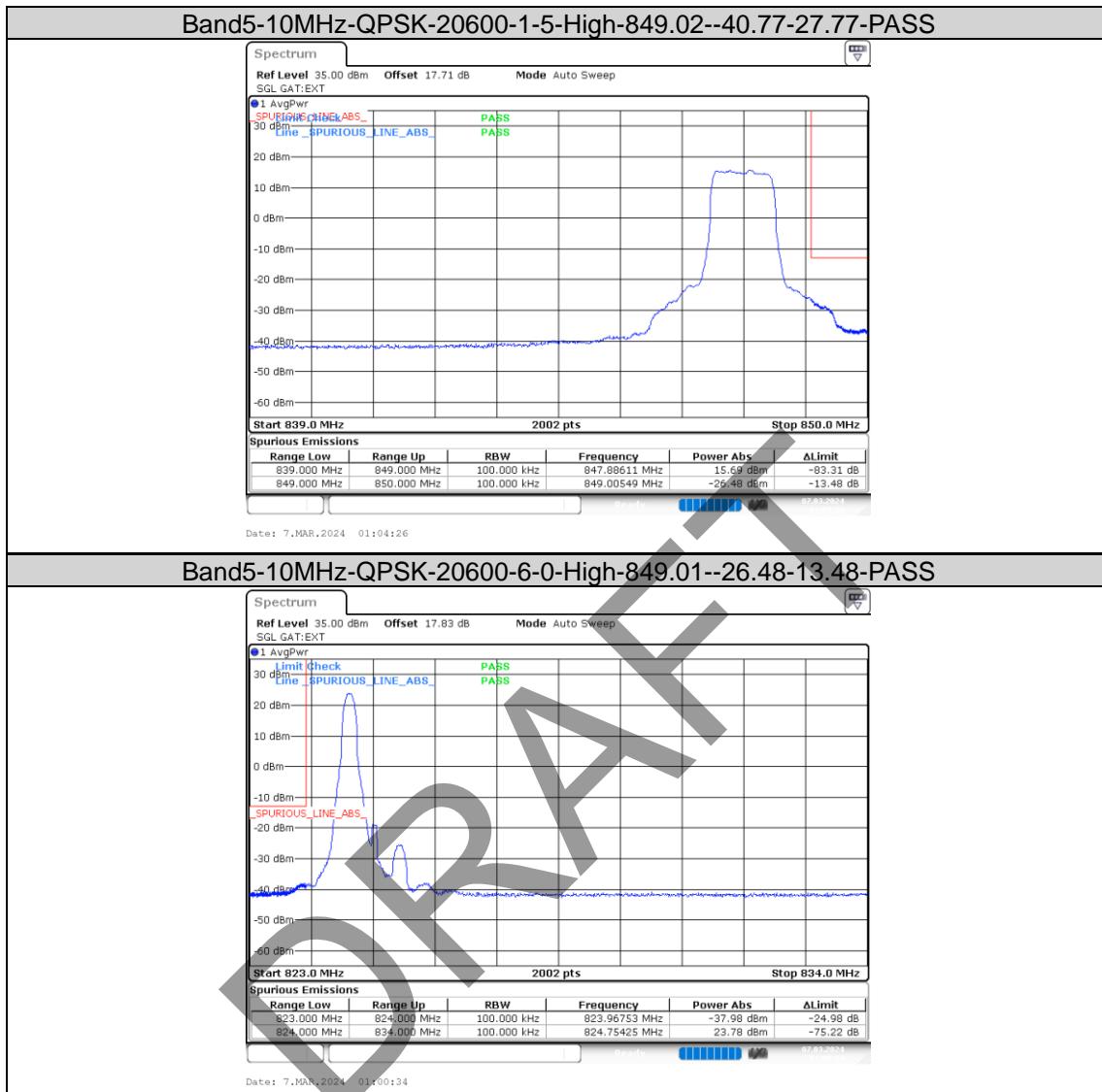
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

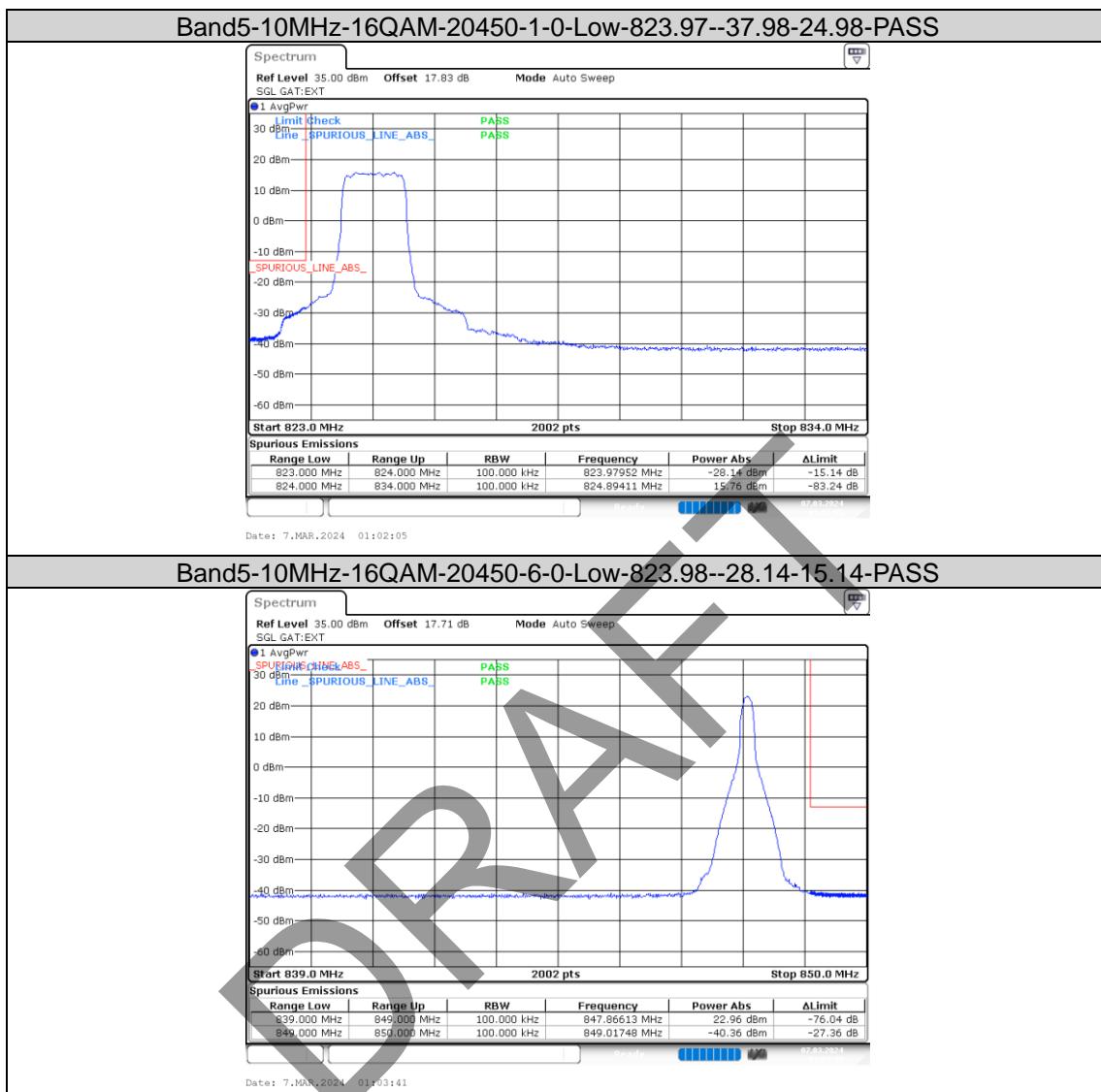
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

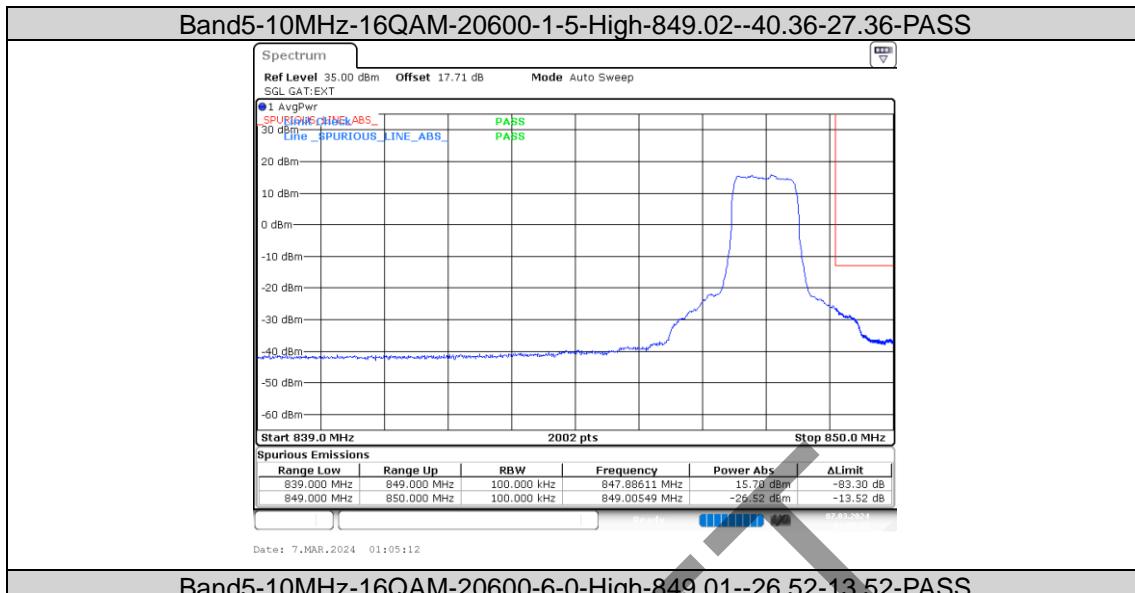
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



DRAFT

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

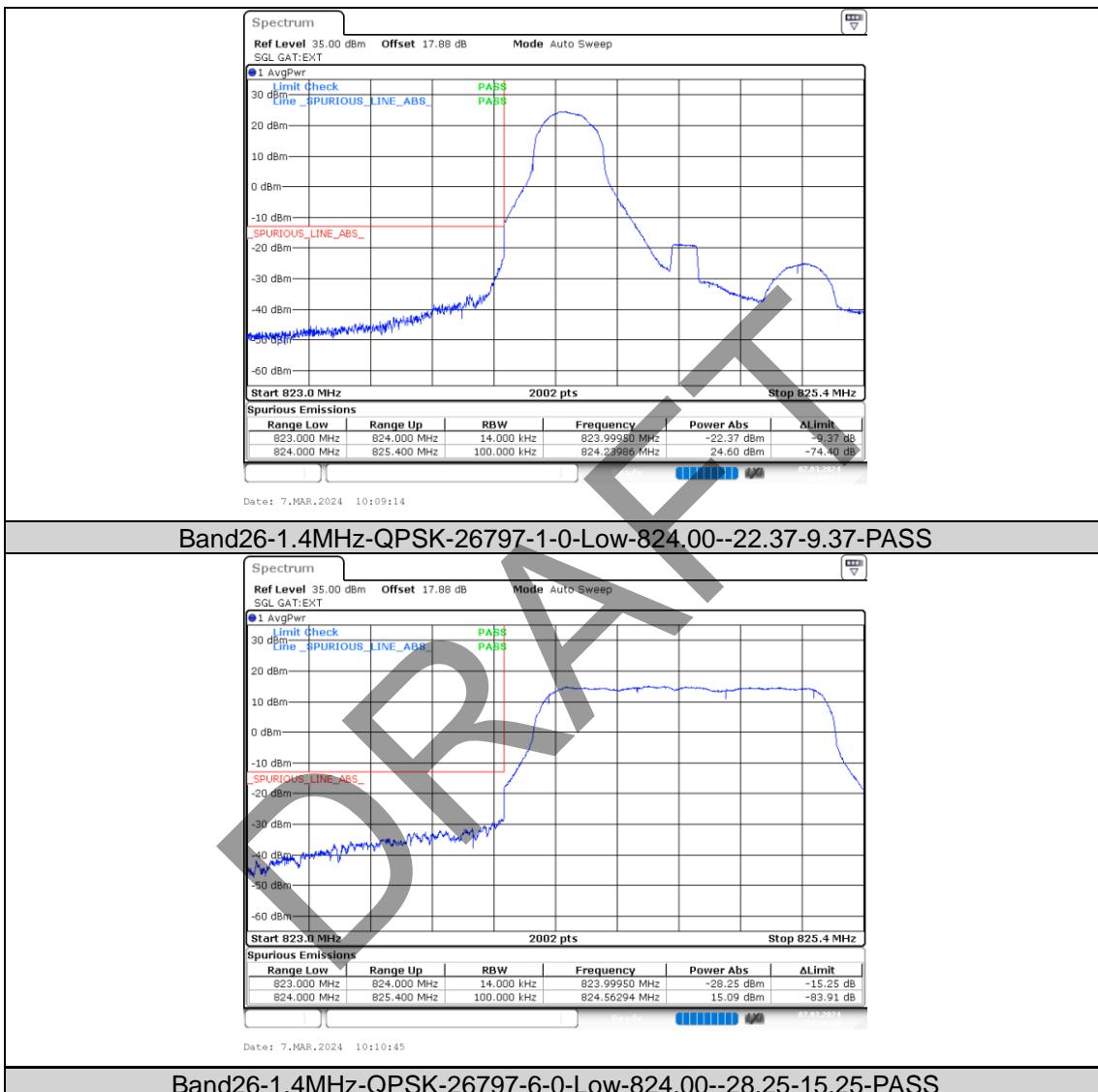
Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band 26 Test Graphs



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

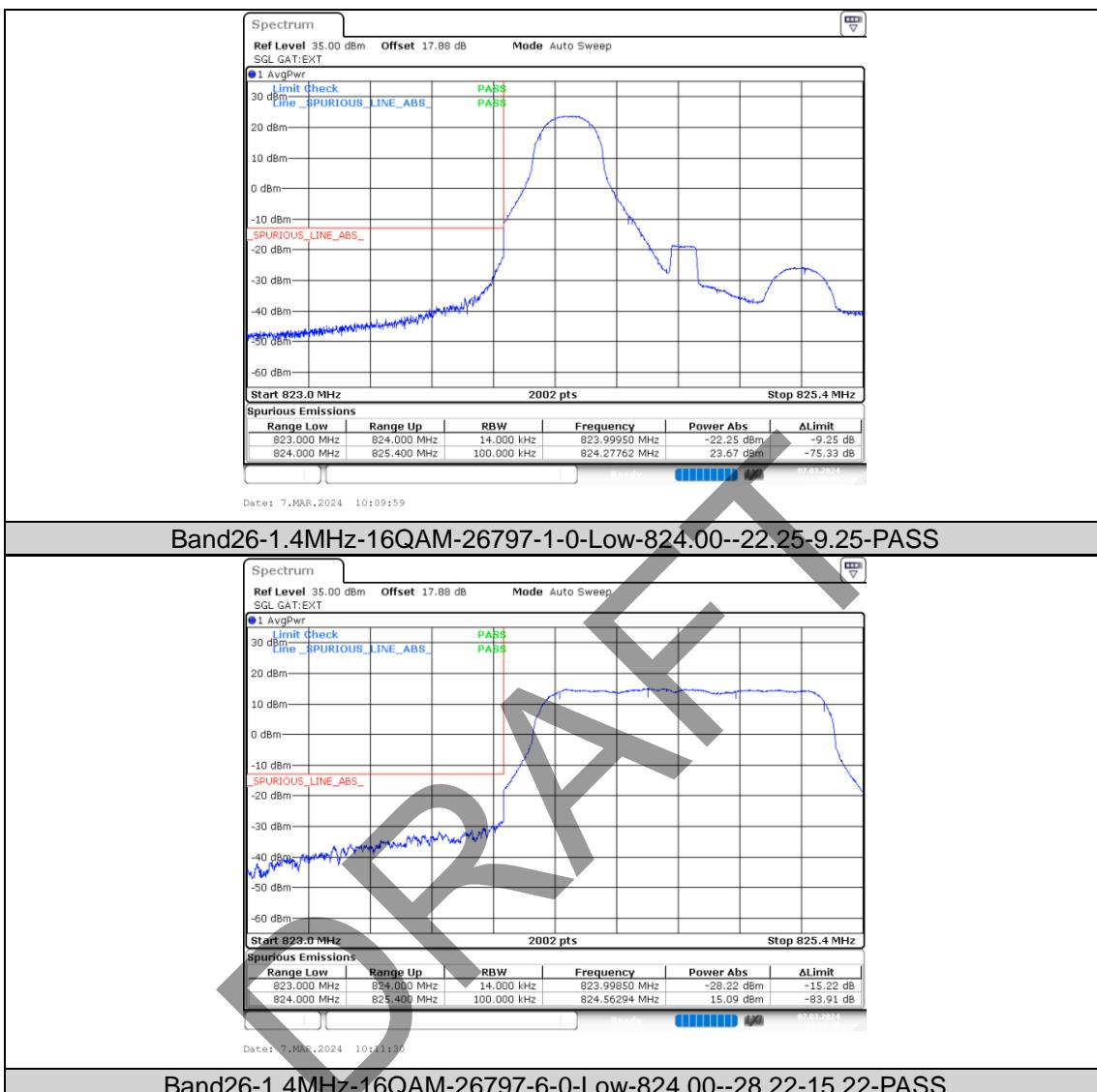
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

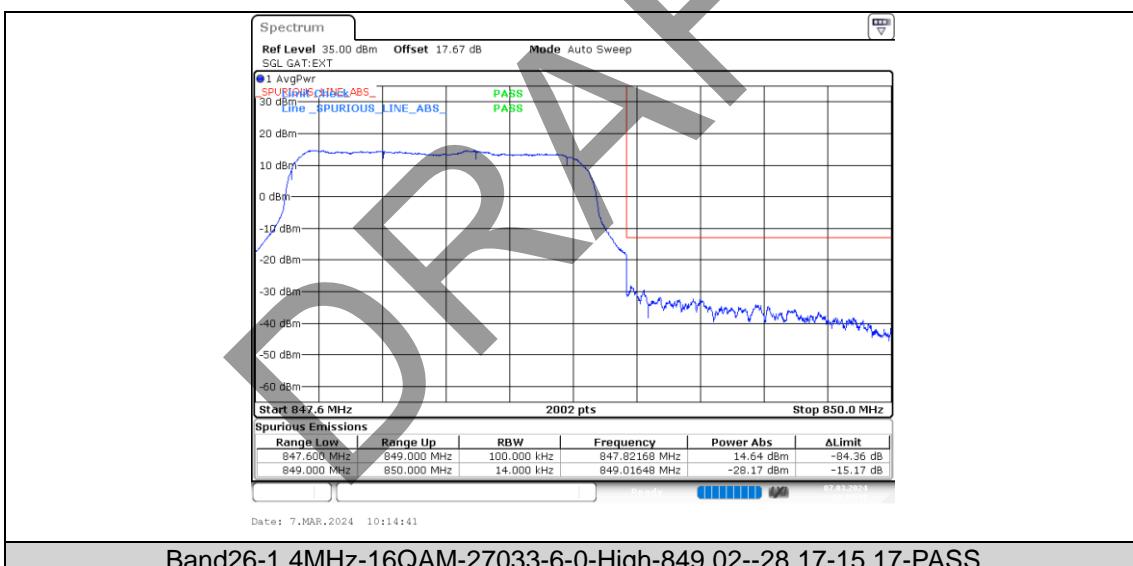
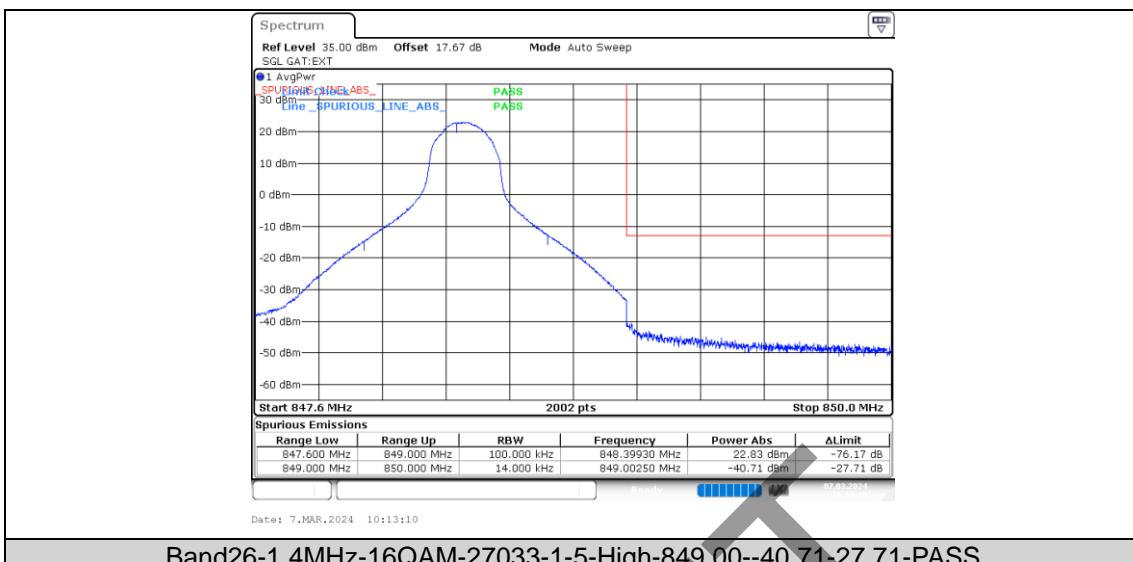
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

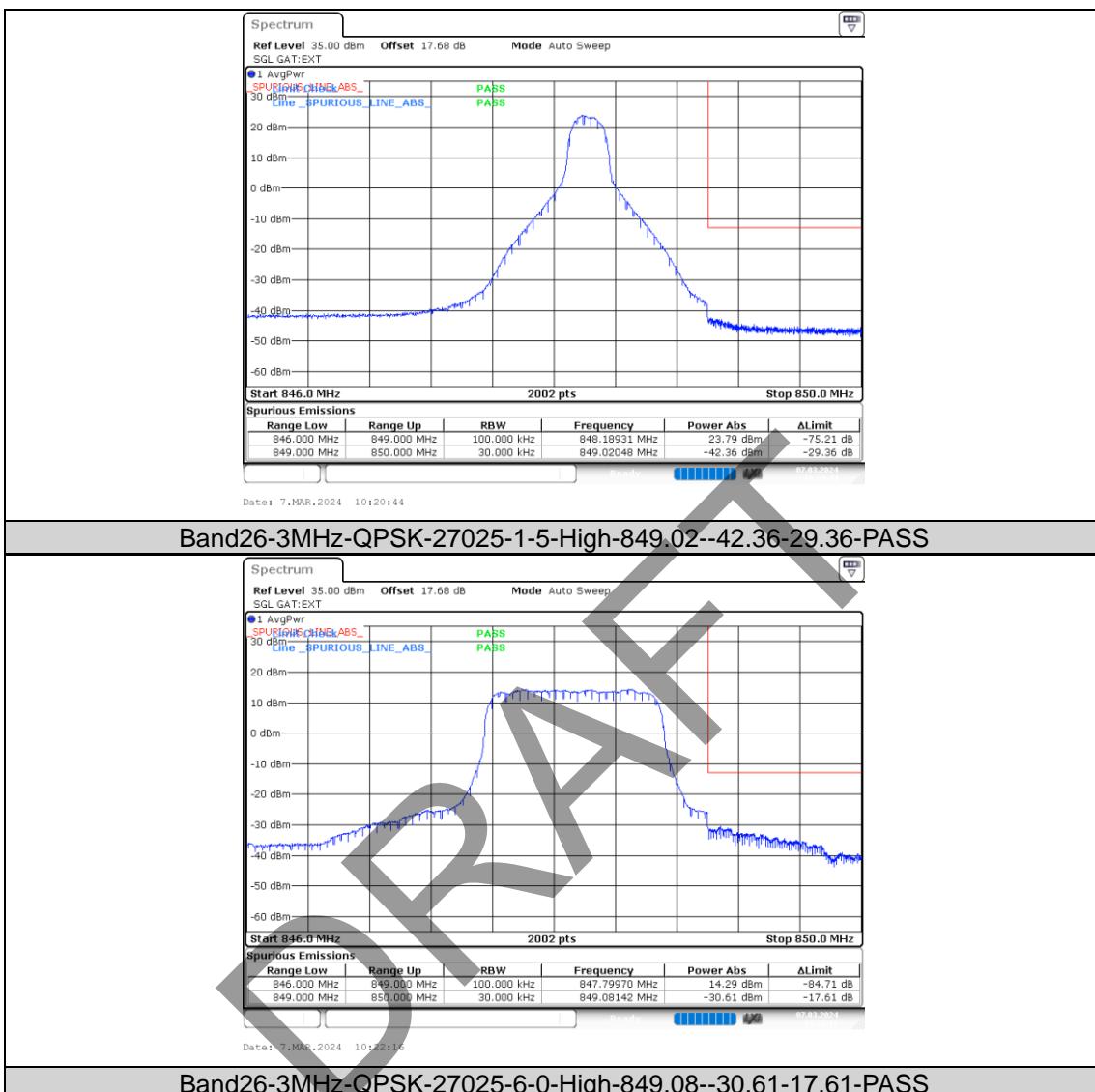
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

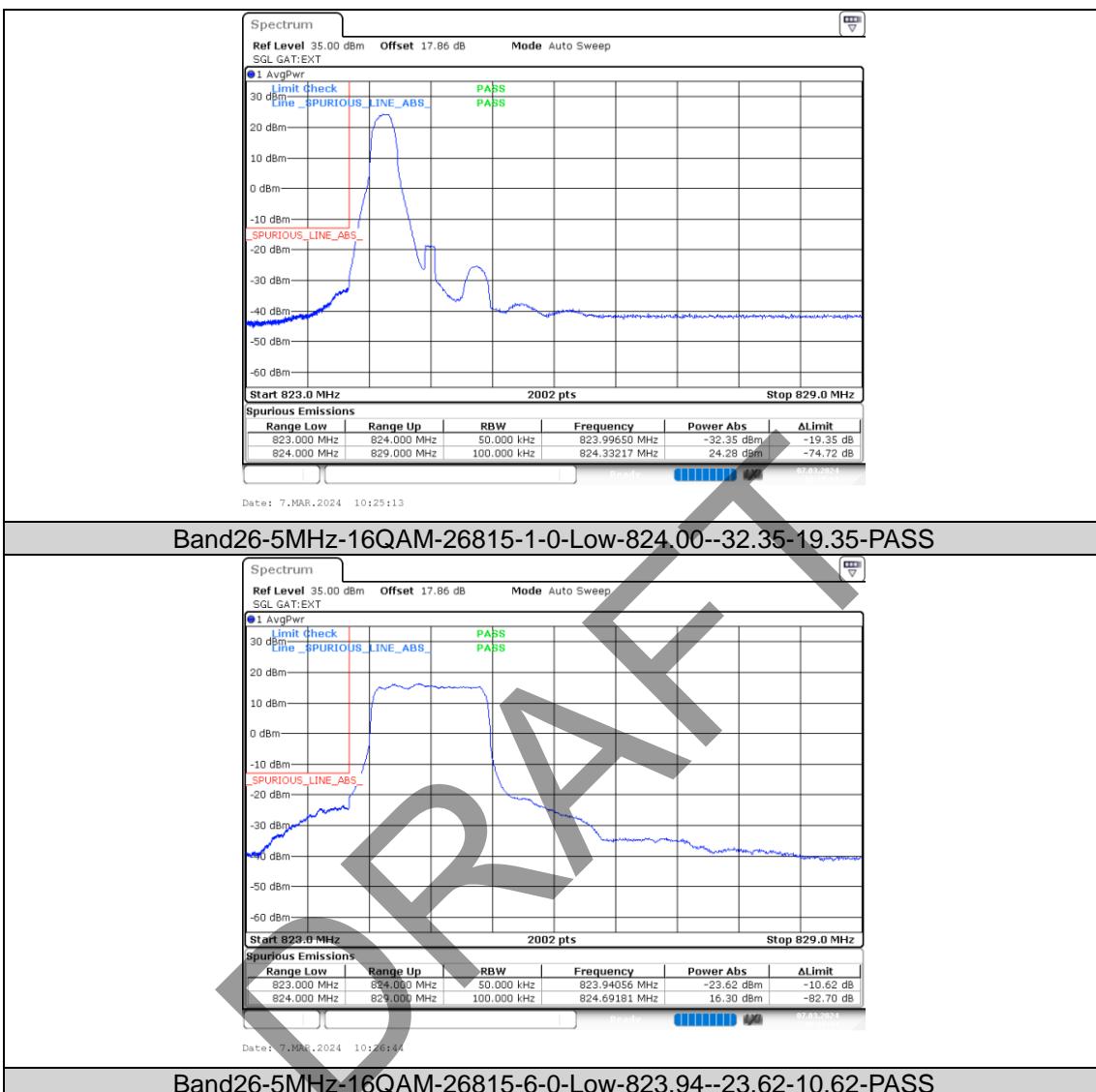
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

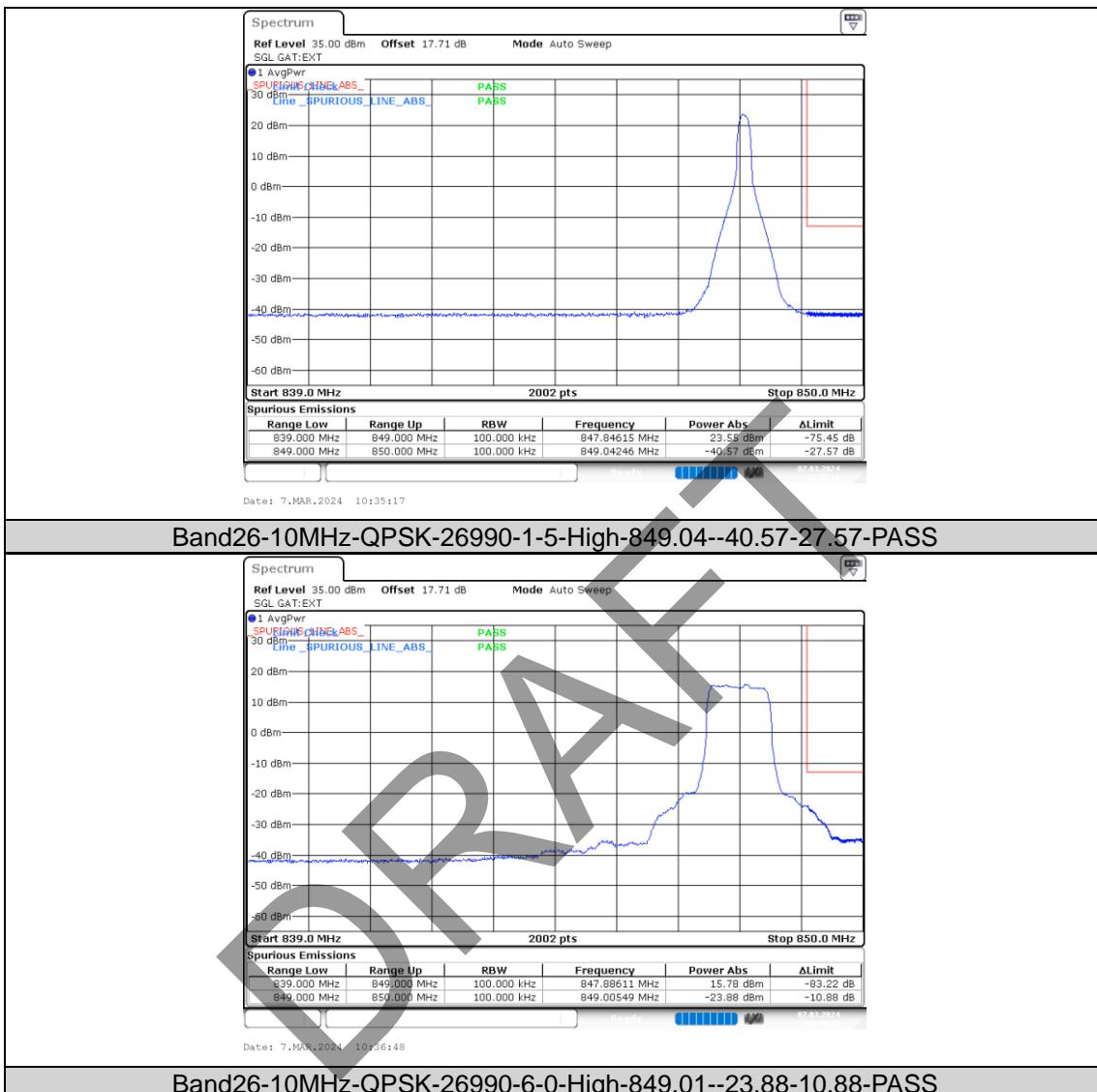
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

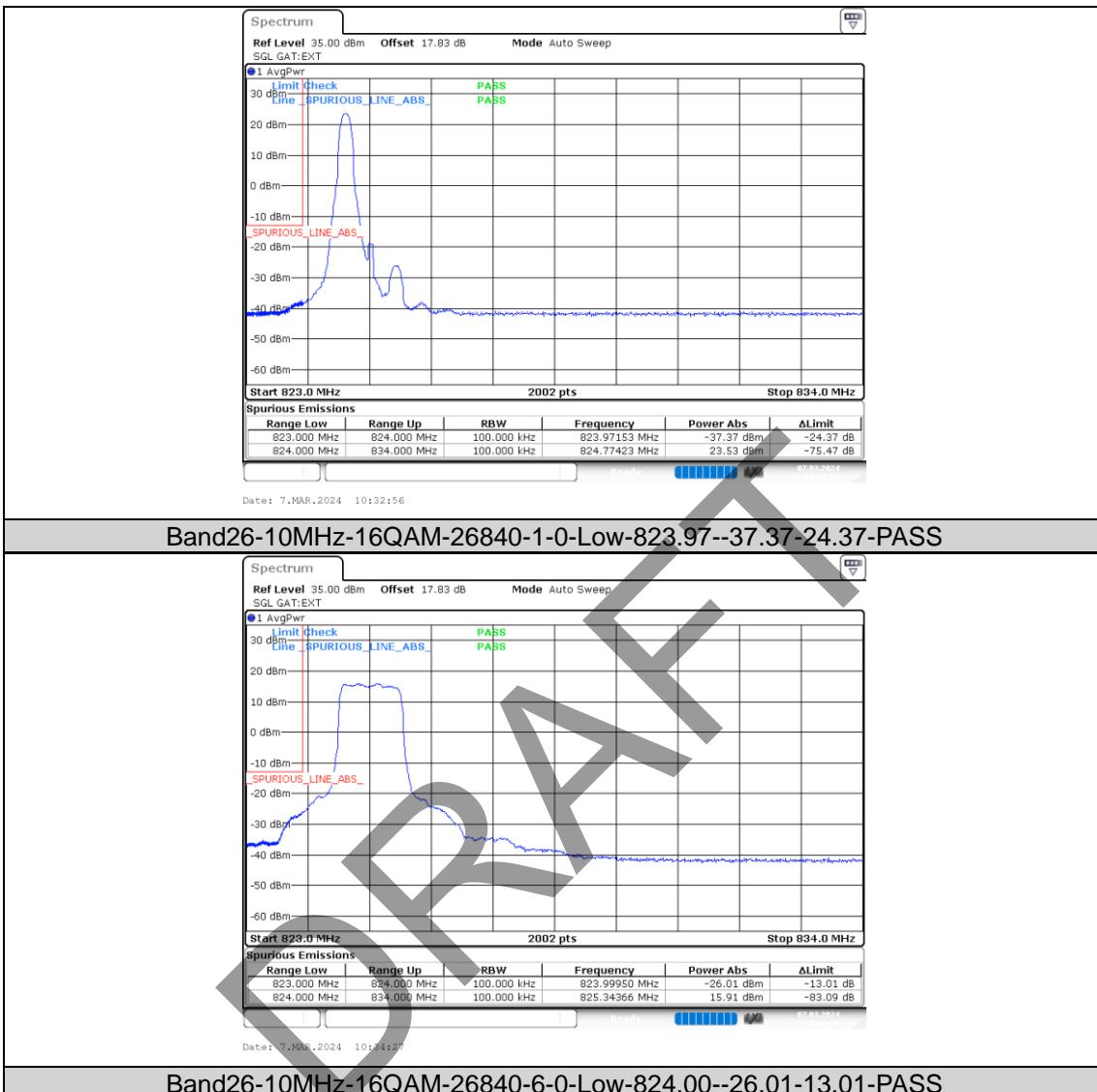
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

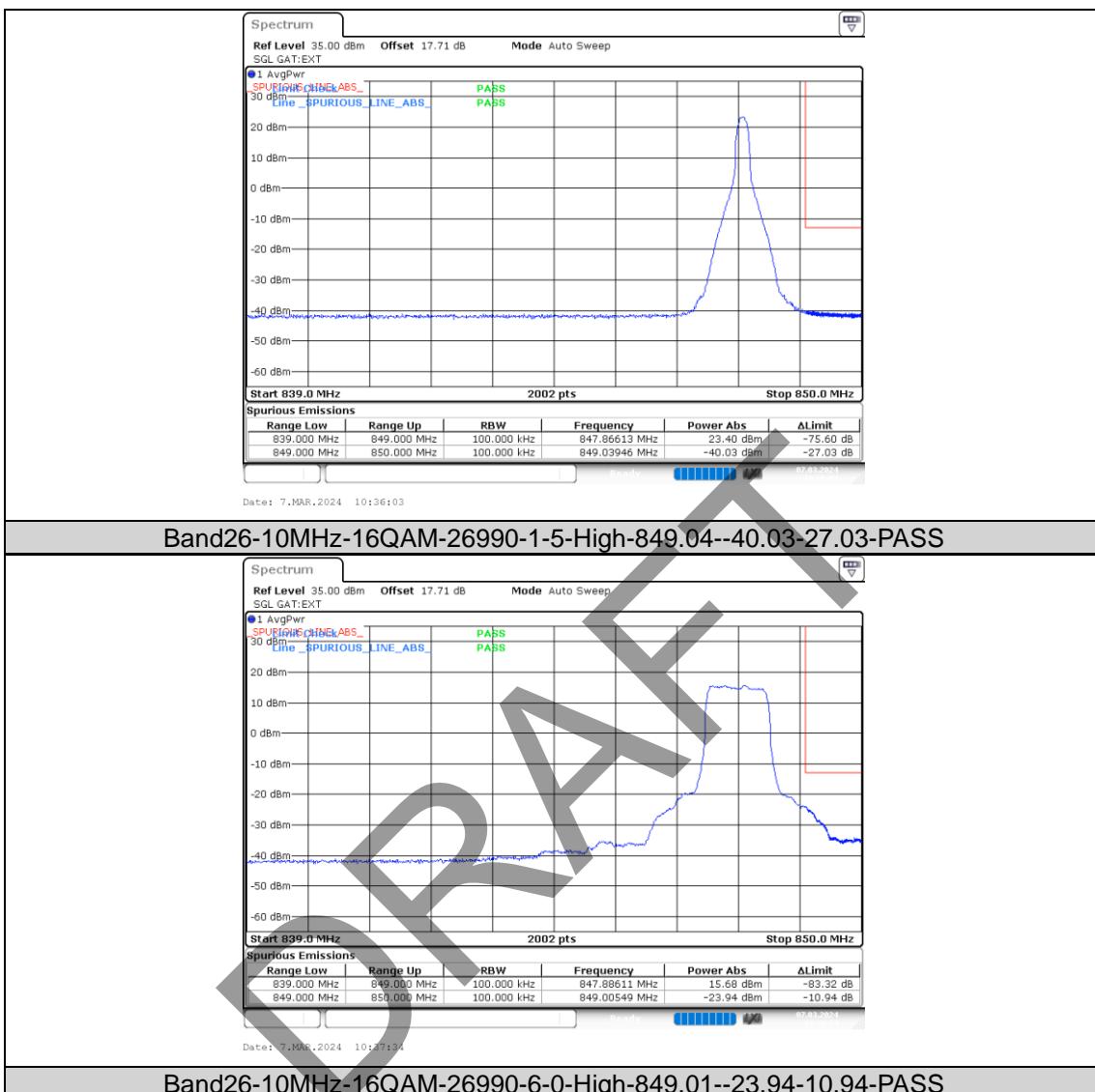
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

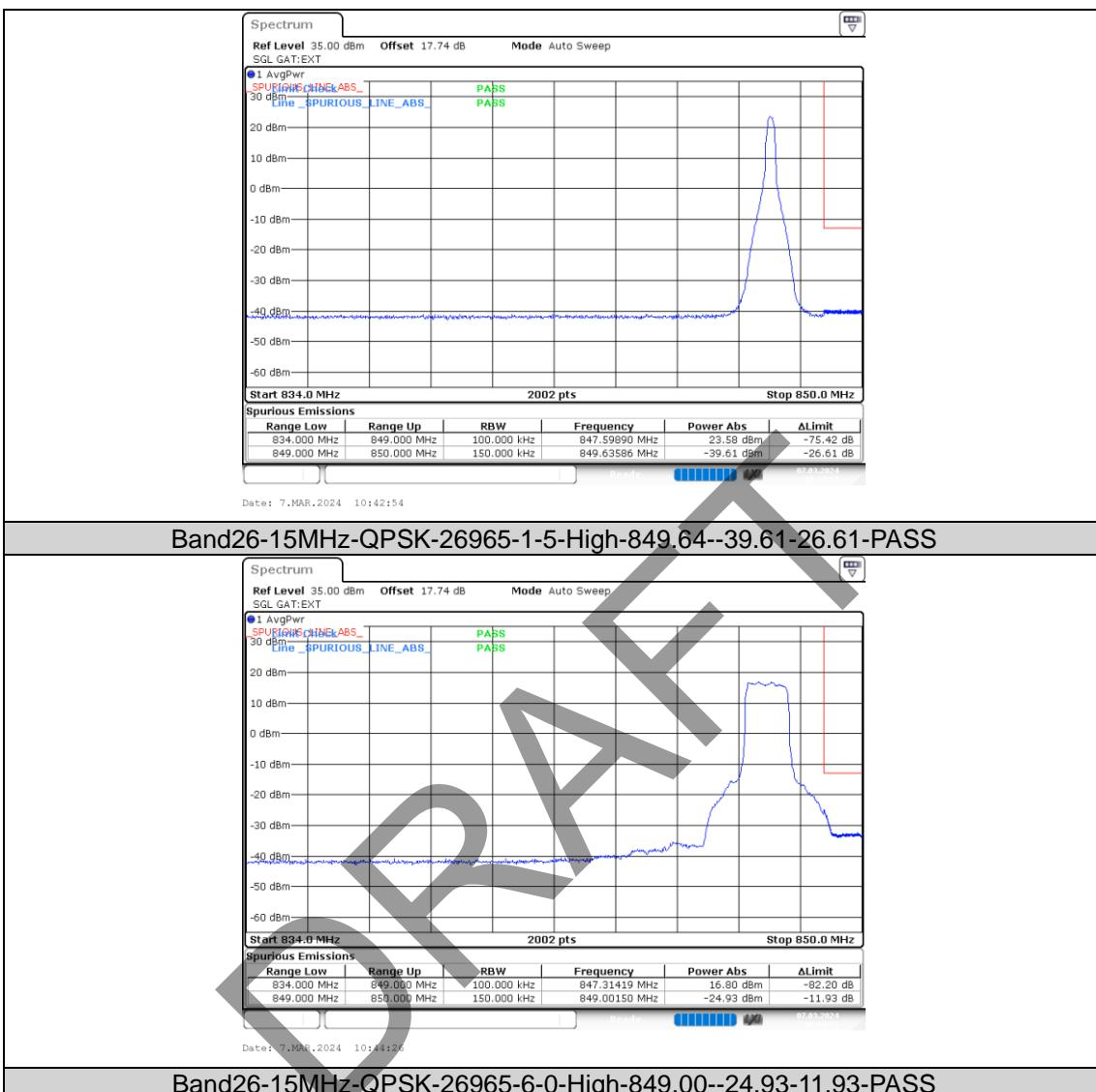
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

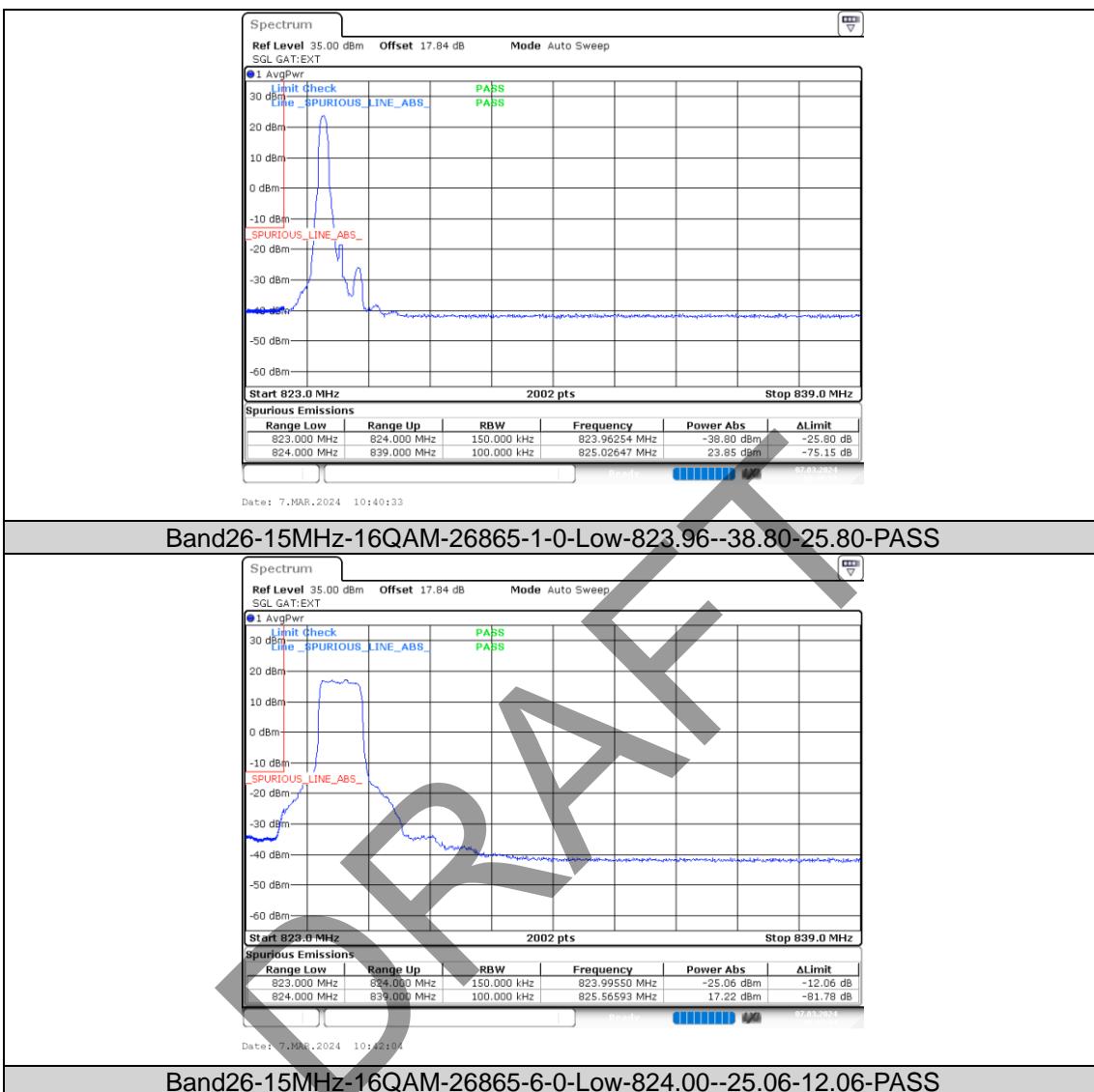
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

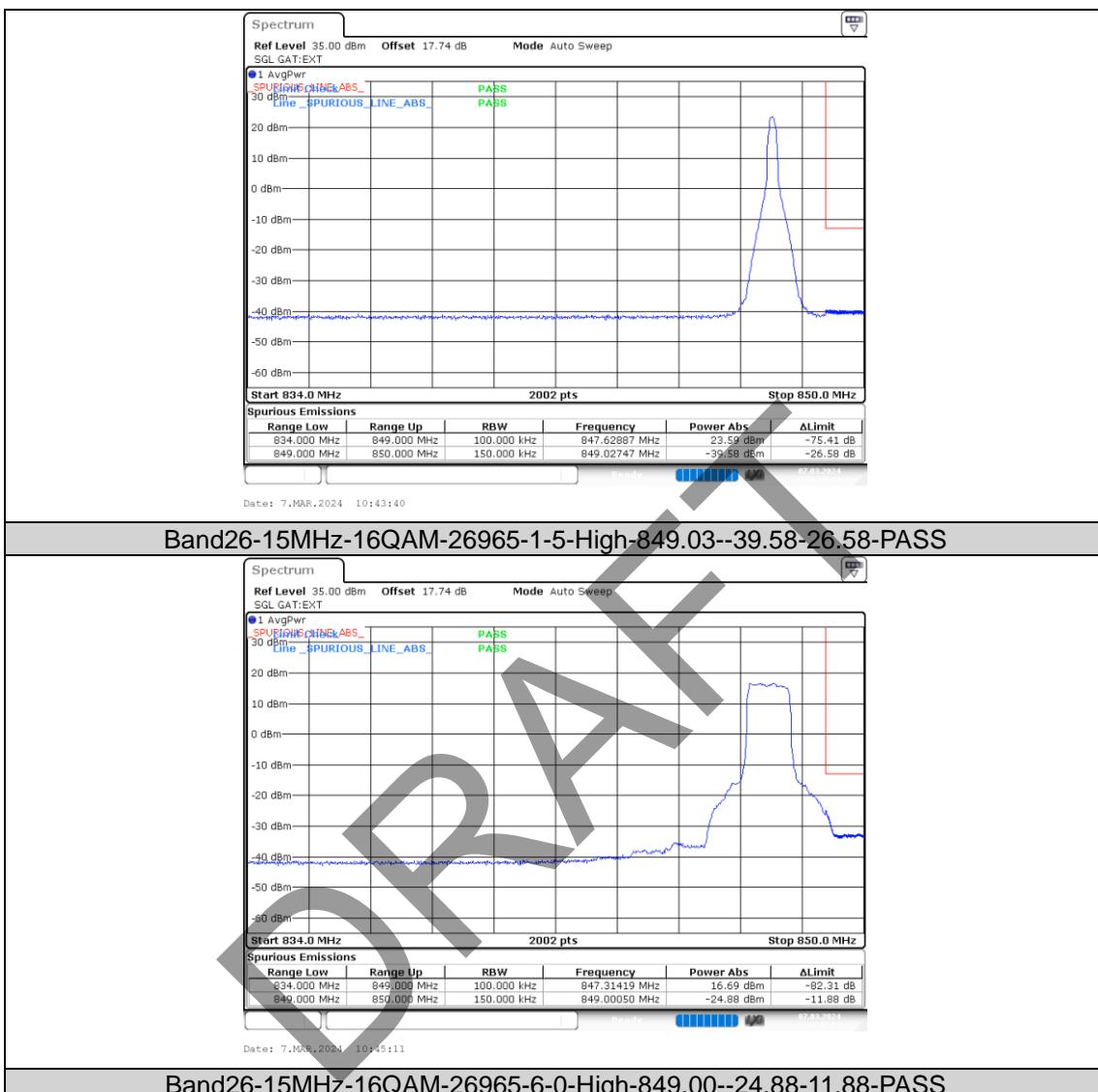
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

CONDUCTED SPURIOUS EMISSION FOR M1

GPRS 850 Test Result

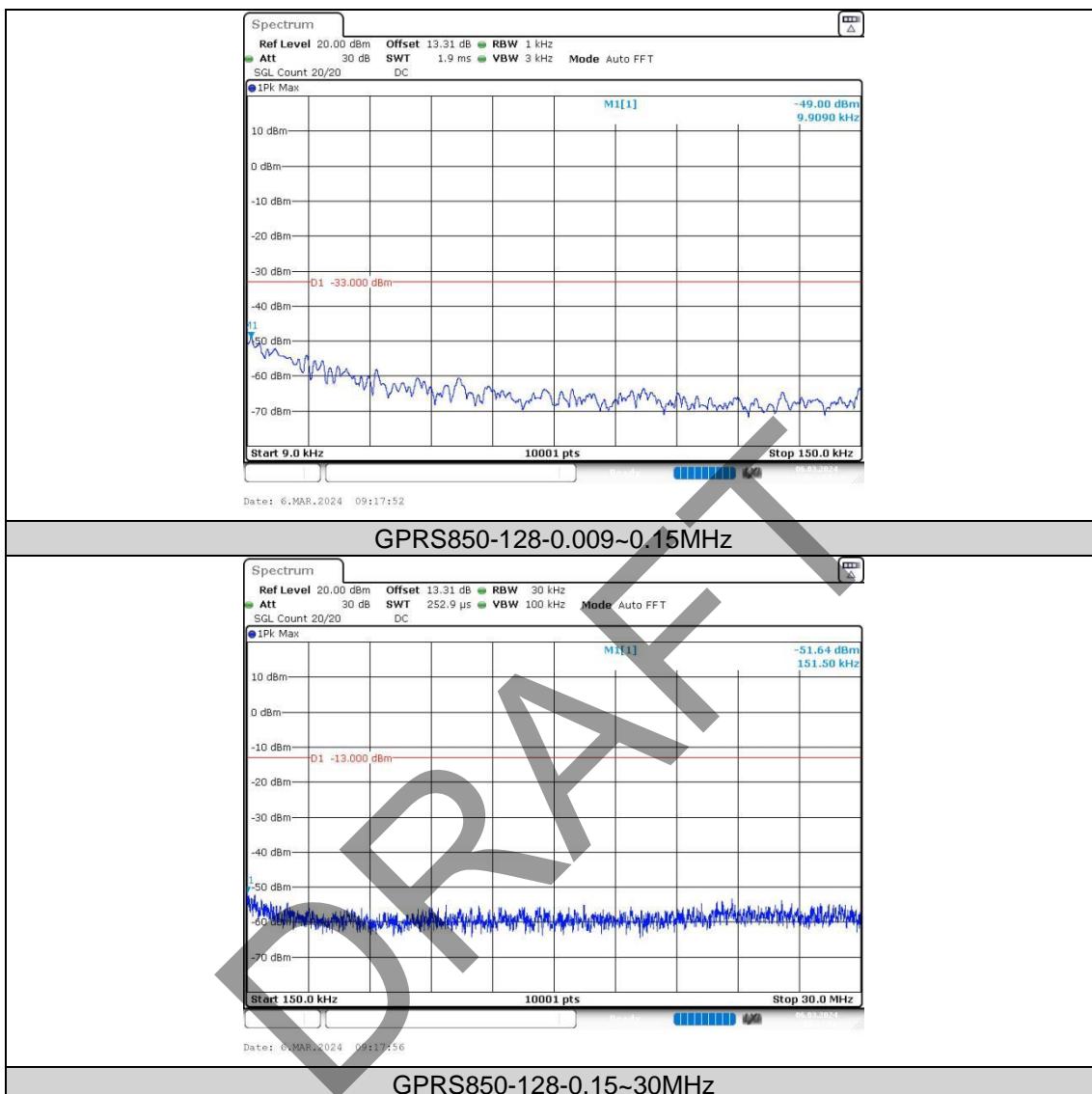
Band	Channel	Frequency Range(MHz)	Max.Freq. (MHz)	Result (dBm)	Limit (dBm)	Verdict
GPRS850	128	0.009~0.15MHz	0.01	-49	-33	PASS
GPRS850	128	0.15~30MHz	0.15	-51.64	-13	PASS
GPRS850	128	30~1000MHz	958.26	-34.49	-13	PASS
GPRS850	128	1000~10000MHz	1697.63	-22.6	-13	PASS
GPRS850	190	0.009~0.15MHz	0.01	-49.23	-33	PASS
GPRS850	190	0.15~30MHz	0.33	-52.55	-13	PASS
GPRS850	190	30~1000MHz	719.31	-35.59	-13	PASS
GPRS850	190	1000~10000MHz	1697.93	-22.69	-13	PASS
GPRS850	251	0.009~0.15MHz	0.01	-49.21	-33	PASS
GPRS850	251	0.15~30MHz	0.18	-51.79	-13	PASS
GPRS850	251	30~1000MHz	739.2	-35.38	-13	PASS
GPRS850	251	1000~10000MHz	1697.63	-21.49	-13	PASS
EGPRS850	128	0.009~0.15MHz	0.01	-50.26	-33	PASS
EGPRS850	128	0.15~30MHz	0.15	-42.47	-13	PASS
EGPRS850	128	30~1000MHz	949.82	-34.95	-13	PASS
EGPRS850	128	1000~10000MHz	5850.99	-25.22	-13	PASS
EGPRS850	190	0.009~0.15MHz	0.03	-51.22	-33	PASS
EGPRS850	190	0.15~30MHz	0.19	-49.26	-13	PASS
EGPRS850	190	30~1000MHz	993.57	-34.34	-13	PASS
EGPRS850	190	1000~10000MHz	8048.72	-25.17	-13	PASS
EGPRS850	251	0.009~0.15MHz	0.02	-50.5	-33	PASS
EGPRS850	251	0.15~30MHz	0.15	-48.06	-13	PASS
EGPRS850	251	30~1000MHz	991.76	-34.83	-13	PASS
EGPRS850	251	1000~10000MHz	5891.79	-25.32	-13	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

GPRS 850 Test Graphs



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

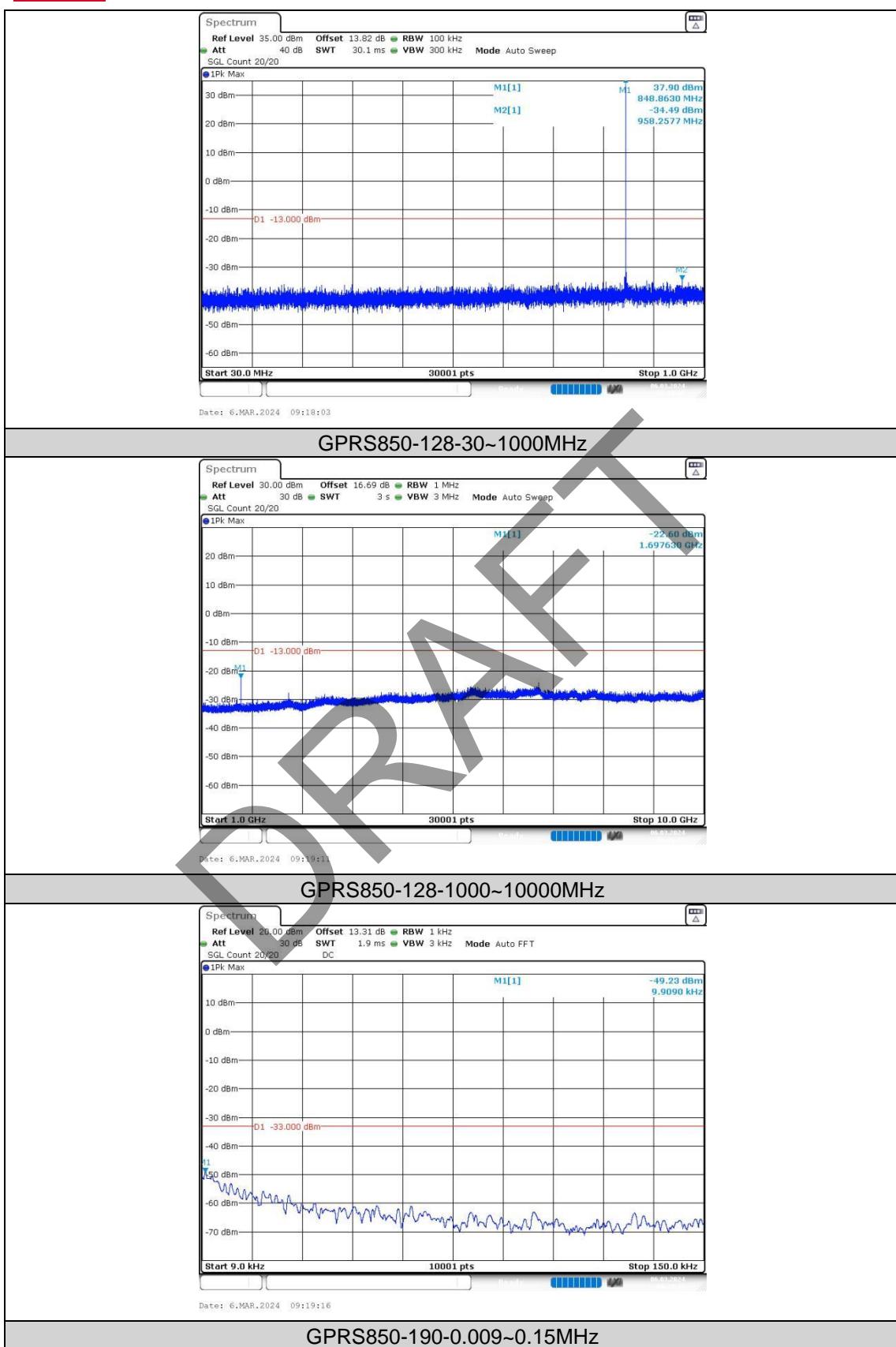
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

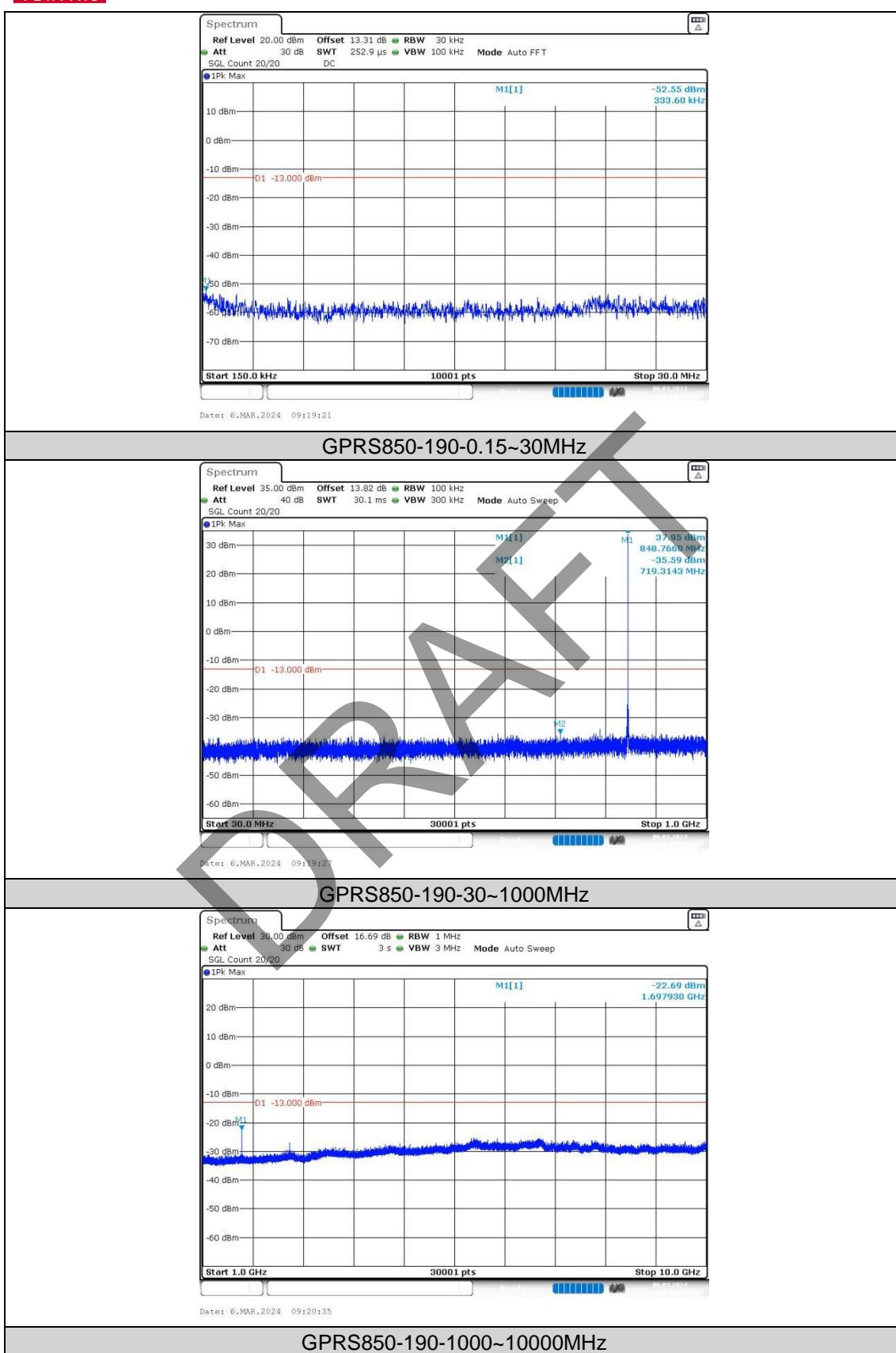
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

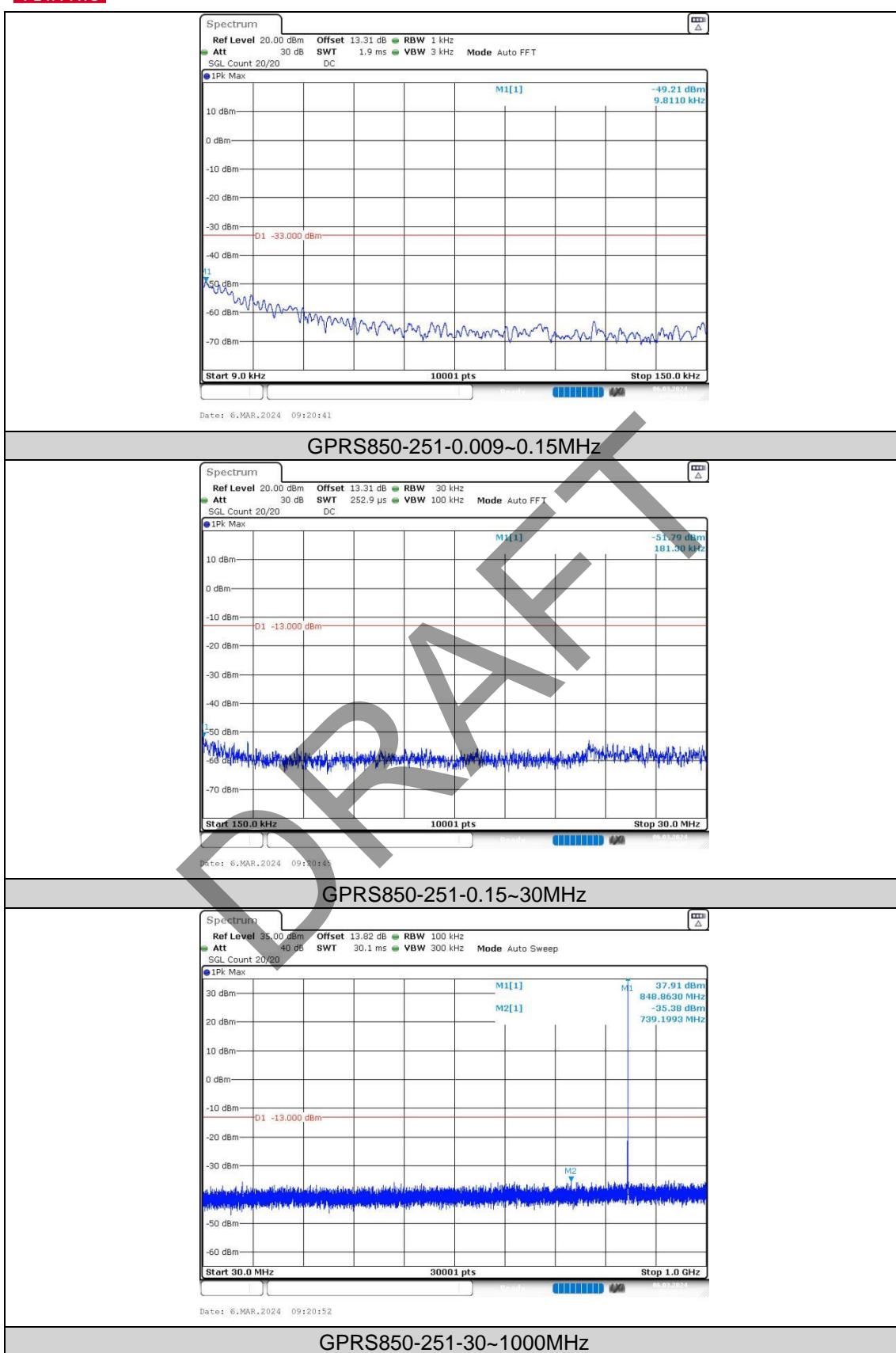
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

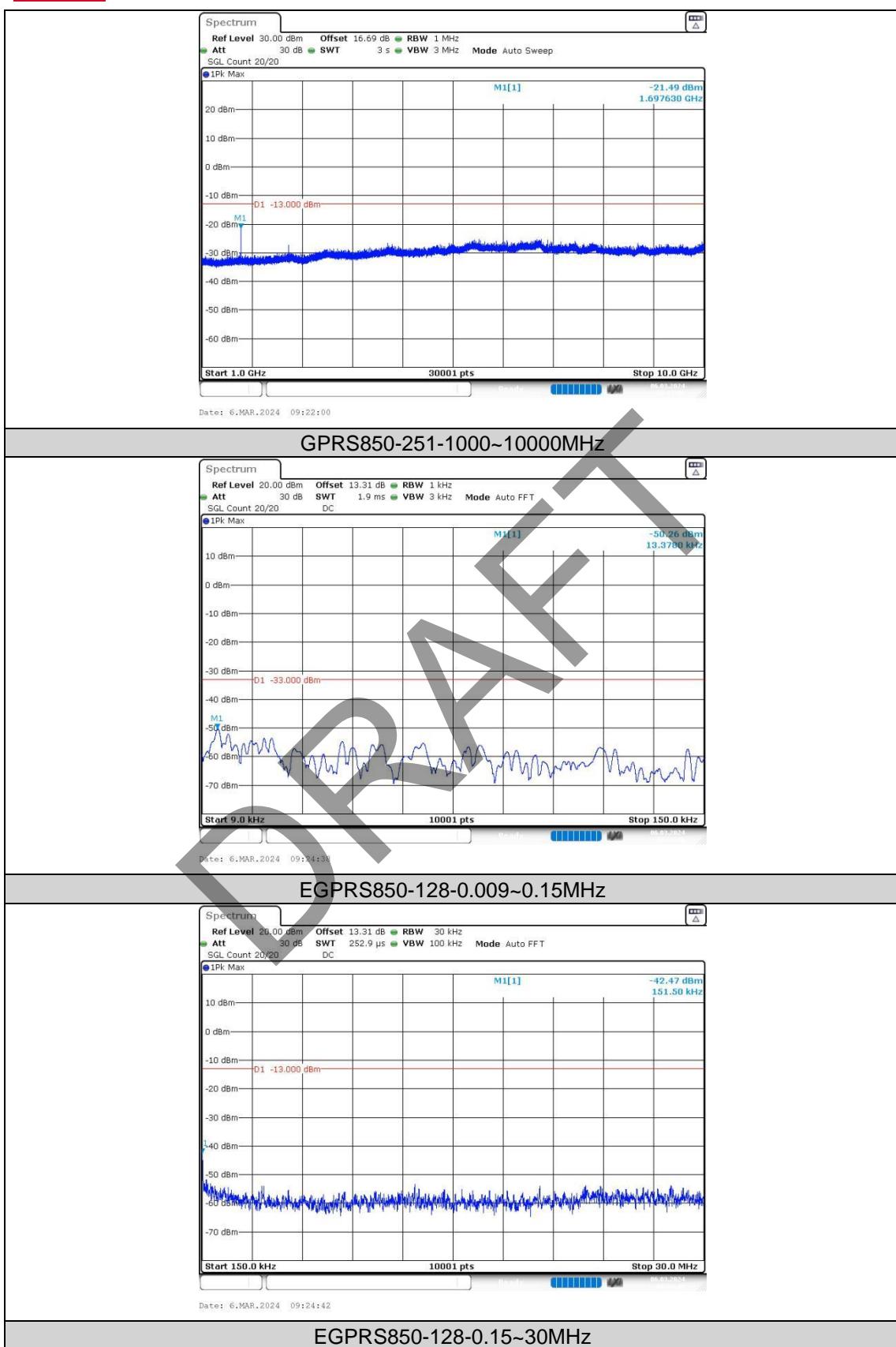
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

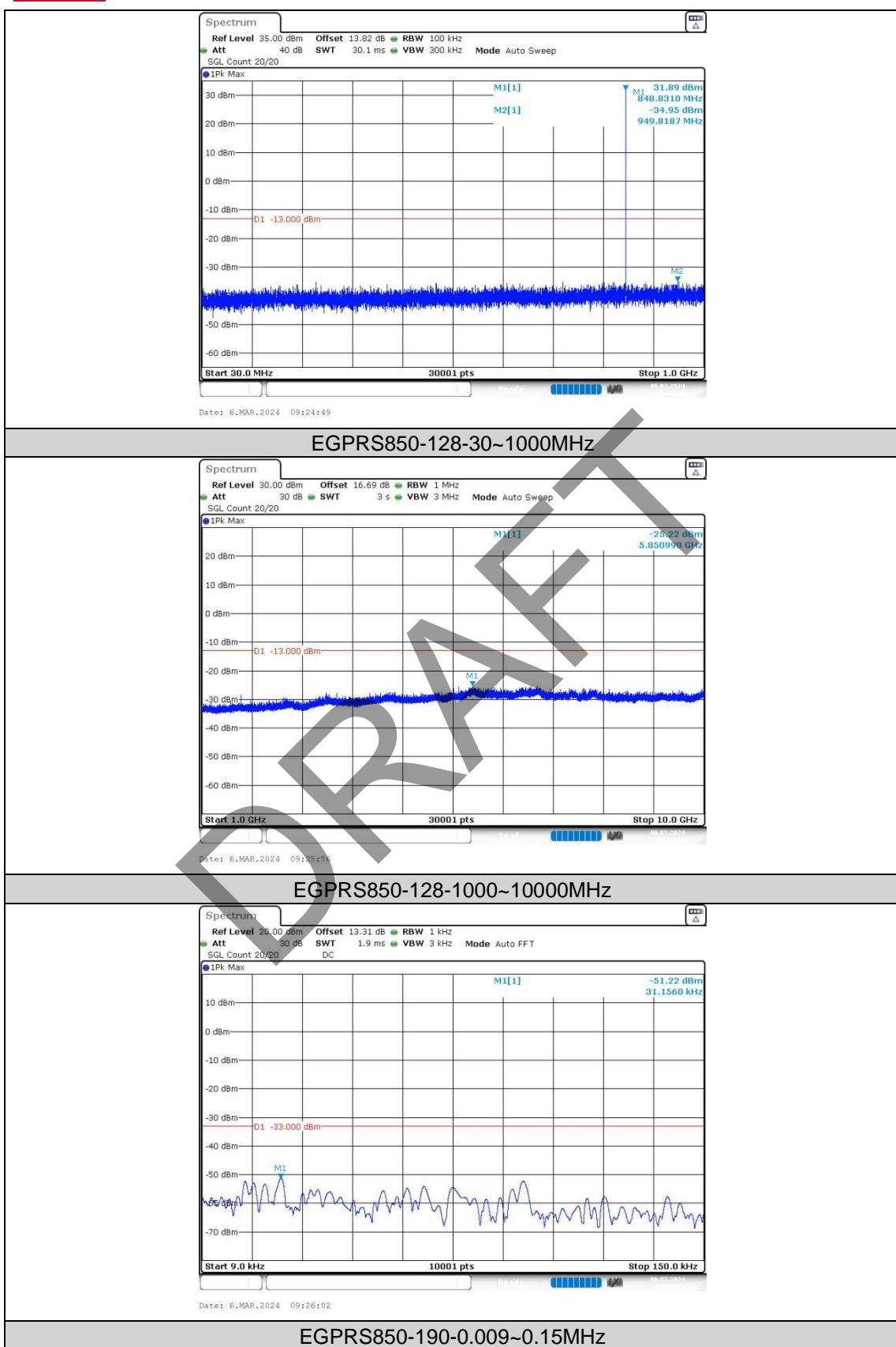
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

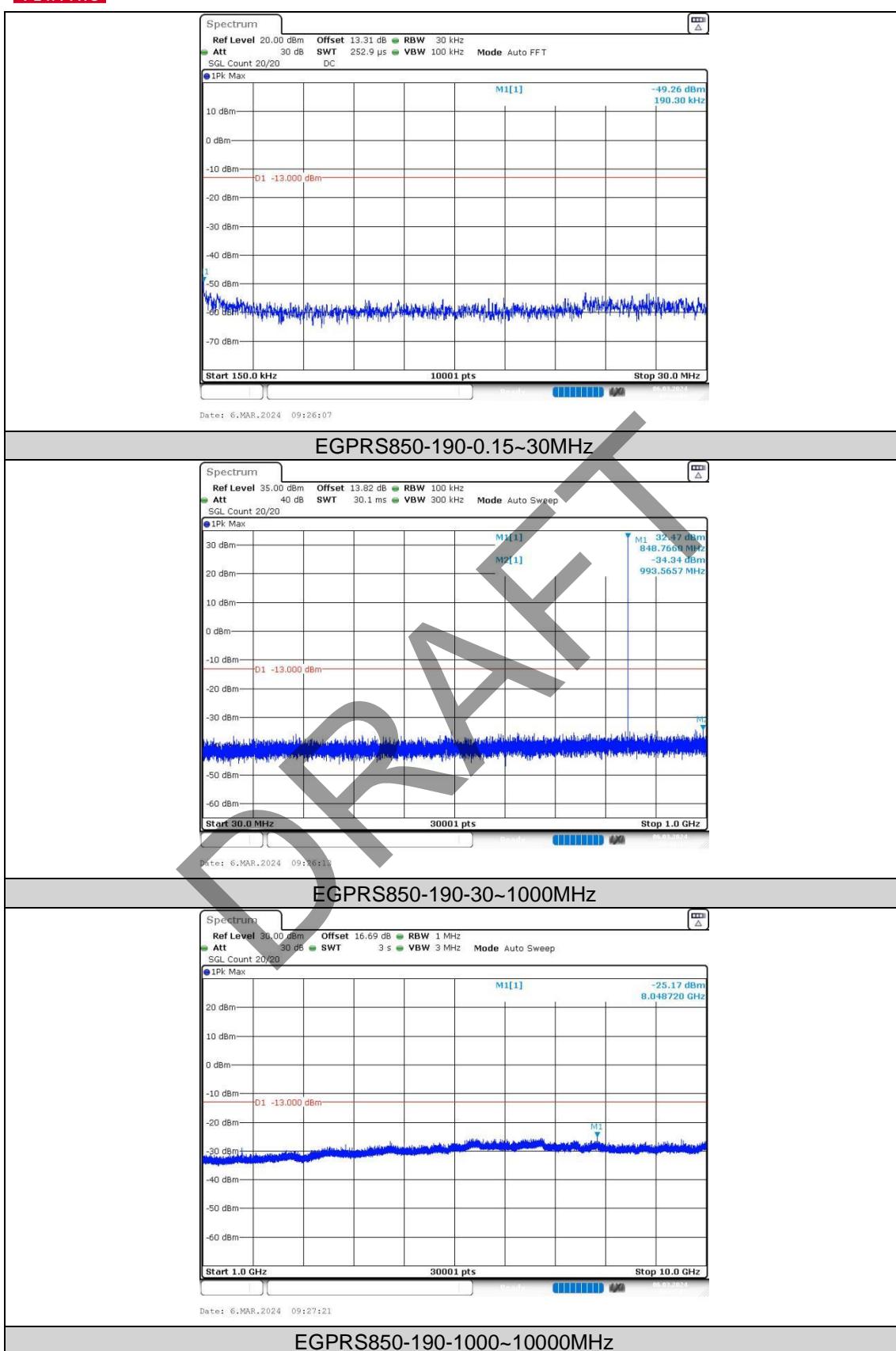
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

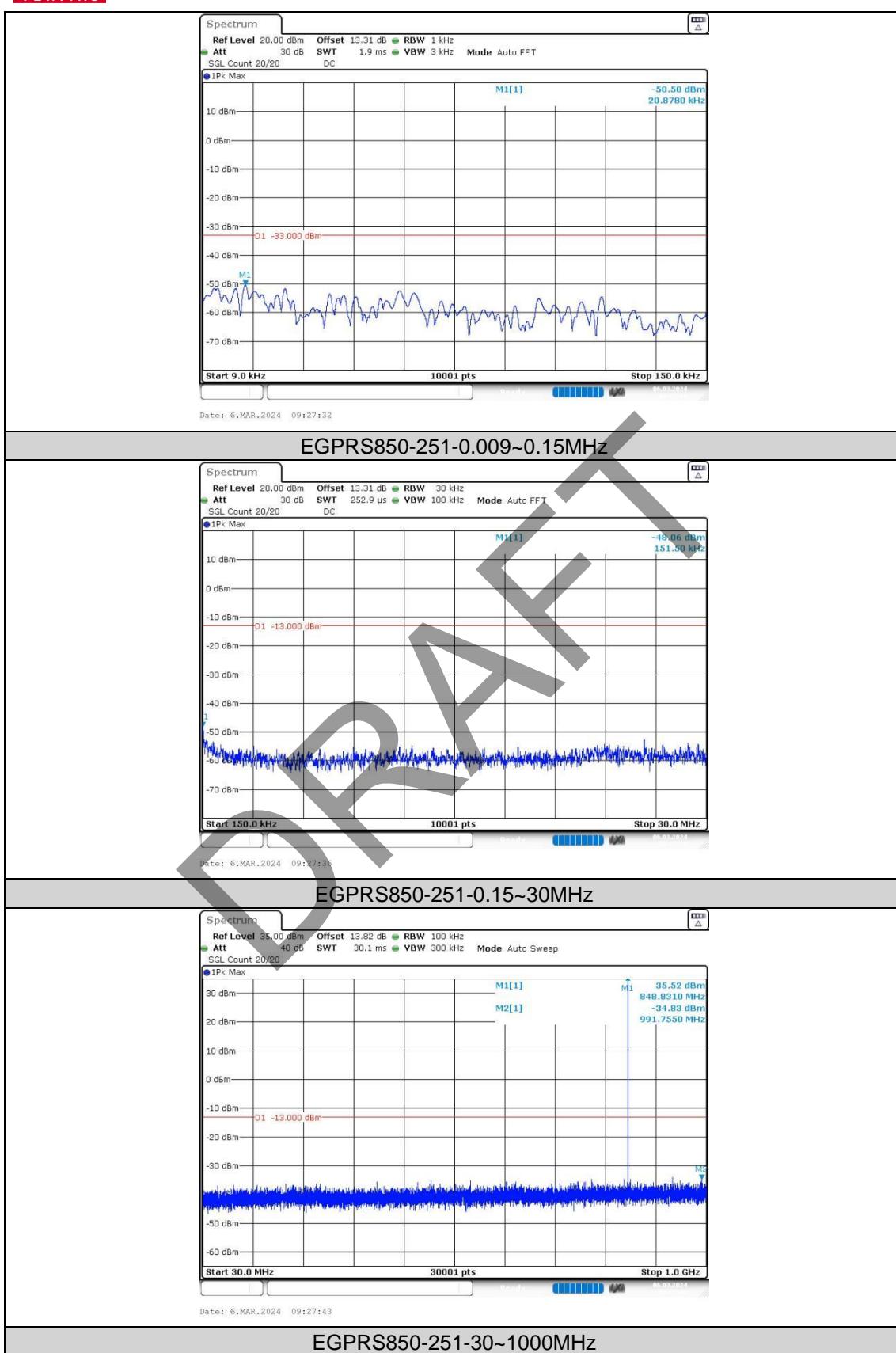
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

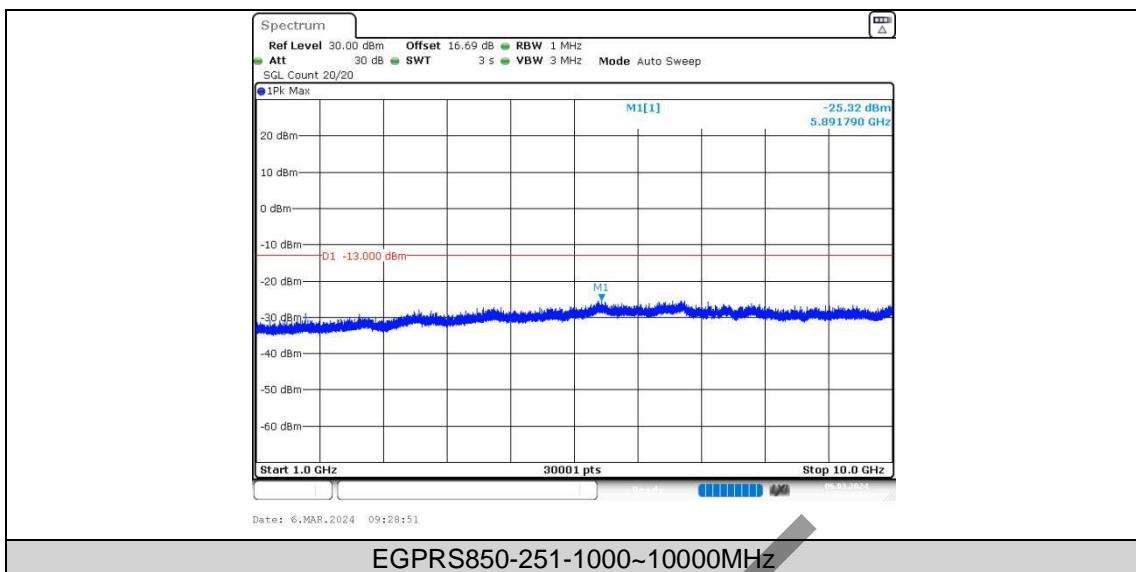
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



EGPRS850-251-1000~10000MHz

Band 5 Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band5	1.4MHz	20407	QPSK	1	0	Low	0.009	0.15	-55	PASS
Band5	1.4MHz	20407	QPSK	1	0	Low	0.15	30	-42.98	PASS
Band5	1.4MHz	20407	QPSK	1	0	Low	30	1000	-27.24	PASS
Band5	1.4MHz	20407	QPSK	1	0	Low	1000	5000	-33.15	PASS
Band5	1.4MHz	20407	QPSK	1	0	Low	5000	12000	-46.36	PASS
Band5	1.4MHz	20407	QPSK	1	0	Low	12000	26500	-41.48	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	0.009	0.15	-53.53	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	0.15	30	-43.67	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	30	1000	-27.91	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	1000	5000	-33.17	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	5000	12000	-46.18	PASS
Band5	1.4MHz	20525	QPSK	1	0	Low	12000	26500	-41.45	PASS
Band5	1.4MHz	20643	QPSK	1	0	High	0.009	0.15	-55.2	PASS
Band5	1.4MHz	20643	QPSK	1	0	High	0.15	30	-43.08	PASS
Band5	1.4MHz	20643	QPSK	1	0	High	30	1000	-28.16	PASS
Band5	1.4MHz	20643	QPSK	1	0	High	1000	5000	-33.06	PASS
Band5	1.4MHz	20643	QPSK	1	0	High	5000	12000	-46.26	PASS
Band5	1.4MHz	20643	QPSK	1	0	High	12000	26500	-41.62	PASS
Band5	1.4MHz	20407	16QAM	1	0	Low	0.009	0.15	-55.35	PASS
Band5	1.4MHz	20407	16QAM	1	0	Low	0.15	30	-42.73	PASS
Band5	1.4MHz	20407	16QAM	1	0	Low	30	1000	-26.9	PASS
Band5	1.4MHz	20407	16QAM	1	0	Low	1000	5000	-33.15	PASS
Band5	1.4MHz	20407	16QAM	1	0	Low	5000	12000	-46.14	PASS
Band5	1.4MHz	20407	16QAM	1	0	Low	12000	26500	-41.68	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	0.009	0.15	-54.93	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	0.15	30	-42.63	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	30	1000	-28.02	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	1000	5000	-33.15	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	5000	12000	-45.97	PASS
Band5	1.4MHz	20525	16QAM	1	0	Low	12000	26500	-41.31	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band5	1.4MHz	20643	16QAM	1	0	High	0.009	0.15	-53.38	PASS
Band5	1.4MHz	20643	16QAM	1	0	High	0.15	30	-41.66	PASS
Band5	1.4MHz	20643	16QAM	1	0	High	30	1000	-26.22	PASS
Band5	1.4MHz	20643	16QAM	1	0	High	1000	5000	-33.11	PASS
Band5	1.4MHz	20643	16QAM	1	0	High	5000	12000	-46.12	PASS
Band5	1.4MHz	20643	16QAM	1	0	High	12000	26500	-41.4	PASS
Band5	3MHz	20415	QPSK	1	0	Low	0.009	0.15	-54.4	PASS
Band5	3MHz	20415	QPSK	1	0	Low	0.15	30	-42.87	PASS
Band5	3MHz	20415	QPSK	1	0	Low	30	1000	-27.41	PASS
Band5	3MHz	20415	QPSK	1	0	Low	1000	5000	-33.1	PASS
Band5	3MHz	20415	QPSK	1	0	Low	5000	12000	-46.35	PASS
Band5	3MHz	20415	QPSK	1	0	Low	12000	26500	-41.52	PASS
Band5	3MHz	20525	QPSK	1	0	Low	0.009	0.15	-53.26	PASS
Band5	3MHz	20525	QPSK	1	0	Low	0.15	30	-42.82	PASS
Band5	3MHz	20525	QPSK	1	0	Low	30	1000	-27.92	PASS
Band5	3MHz	20525	QPSK	1	0	Low	1000	5000	-33.1	PASS
Band5	3MHz	20525	QPSK	1	0	Low	5000	12000	-46.39	PASS
Band5	3MHz	20525	QPSK	1	0	Low	12000	26500	-41.36	PASS
Band5	3MHz	20635	QPSK	1	0	High	0.009	0.15	-55.1	PASS
Band5	3MHz	20635	QPSK	1	0	High	0.15	30	-43.74	PASS
Band5	3MHz	20635	QPSK	1	0	High	30	1000	-27.84	PASS
Band5	3MHz	20635	QPSK	1	0	High	1000	5000	-33.09	PASS
Band5	3MHz	20635	QPSK	1	0	High	5000	12000	-46.26	PASS
Band5	3MHz	20635	QPSK	1	0	High	12000	26500	-41.54	PASS
Band5	3MHz	20415	16QAM	1	0	Low	0.009	0.15	-55.92	PASS
Band5	3MHz	20415	16QAM	1	0	Low	0.15	30	-42.72	PASS
Band5	3MHz	20415	16QAM	1	0	Low	30	1000	-27.34	PASS
Band5	3MHz	20415	16QAM	1	0	Low	1000	5000	-33.11	PASS
Band5	3MHz	20415	16QAM	1	0	Low	5000	12000	-46.33	PASS
Band5	3MHz	20415	16QAM	1	0	Low	12000	26500	-41.48	PASS
Band5	3MHz	20525	16QAM	1	0	Low	0.009	0.15	-54.76	PASS
Band5	3MHz	20525	16QAM	1	0	Low	0.15	30	-42.91	PASS
Band5	3MHz	20525	16QAM	1	0	Low	30	1000	-28.07	PASS
Band5	3MHz	20525	16QAM	1	0	Low	1000	5000	-33.07	PASS
Band5	3MHz	20525	16QAM	1	0	Low	5000	12000	-46.12	PASS
Band5	3MHz	20525	16QAM	1	0	Low	12000	26500	-41.33	PASS
Band5	3MHz	20635	16QAM	1	0	High	0.009	0.15	-56.02	PASS
Band5	3MHz	20635	16QAM	1	0	High	0.15	30	-43.7	PASS
Band5	3MHz	20635	16QAM	1	0	High	30	1000	-26.99	PASS
Band5	3MHz	20635	16QAM	1	0	High	1000	5000	-33.16	PASS
Band5	3MHz	20635	16QAM	1	0	High	5000	12000	-46.29	PASS
Band5	3MHz	20635	16QAM	1	0	High	12000	26500	-41.5	PASS
Band5	5MHz	20425	QPSK	1	0	Low	0.009	0.15	-53.92	PASS
Band5	5MHz	20425	QPSK	1	0	Low	0.15	30	-41.5	PASS
Band5	5MHz	20425	QPSK	1	0	Low	30	1000	-27.72	PASS
Band5	5MHz	20425	QPSK	1	0	Low	1000	5000	-33.17	PASS
Band5	5MHz	20425	QPSK	1	0	Low	5000	12000	-46.25	PASS
Band5	5MHz	20425	QPSK	1	0	Low	12000	26500	-41.42	PASS
Band5	5MHz	20525	QPSK	1	0	Low	0.009	0.15	-54.38	PASS
Band5	5MHz	20525	QPSK	1	0	Low	0.15	30	-43.7	PASS
Band5	5MHz	20525	QPSK	1	0	Low	30	1000	-27.75	PASS
Band5	5MHz	20525	QPSK	1	0	Low	1000	5000	-32.94	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band5	5MHz	20525	QPSK	1	0	Low	5000	12000	-46.06	PASS
Band5	5MHz	20525	QPSK	1	0	Low	12000	26500	-41.4	PASS
Band5	5MHz	20625	QPSK	1	0	High	0.009	0.15	-55.23	PASS
Band5	5MHz	20625	QPSK	1	0	High	0.15	30	-43.57	PASS
Band5	5MHz	20625	QPSK	1	0	High	30	1000	-27.43	PASS
Band5	5MHz	20625	QPSK	1	0	High	1000	5000	-32.98	PASS
Band5	5MHz	20625	QPSK	1	0	High	5000	12000	-46.36	PASS
Band5	5MHz	20625	QPSK	1	0	High	12000	26500	-41.55	PASS
Band5	5MHz	20425	16QAM	1	0	Low	0.009	0.15	-53.59	PASS
Band5	5MHz	20425	16QAM	1	0	Low	0.15	30	-43.28	PASS
Band5	5MHz	20425	16QAM	1	0	Low	30	1000	-28.24	PASS
Band5	5MHz	20425	16QAM	1	0	Low	1000	5000	-33.21	PASS
Band5	5MHz	20425	16QAM	1	0	Low	5000	12000	-46.29	PASS
Band5	5MHz	20425	16QAM	1	0	Low	12000	26500	-41.63	PASS
Band5	5MHz	20525	16QAM	1	0	Low	0.009	0.15	-53.07	PASS
Band5	5MHz	20525	16QAM	1	0	Low	0.15	30	-43.69	PASS
Band5	5MHz	20525	16QAM	1	0	Low	30	1000	-27.53	PASS
Band5	5MHz	20525	16QAM	1	0	Low	1000	5000	-33.19	PASS
Band5	5MHz	20525	16QAM	1	0	Low	5000	12000	-46.24	PASS
Band5	5MHz	20525	16QAM	1	0	Low	12000	26500	-41.31	PASS
Band5	5MHz	20625	16QAM	1	0	High	0.009	0.15	-54.03	PASS
Band5	5MHz	20625	16QAM	1	0	High	0.15	30	-43.78	PASS
Band5	5MHz	20625	16QAM	1	0	High	30	1000	-27.92	PASS
Band5	5MHz	20625	16QAM	1	0	High	1000	5000	-33.12	PASS
Band5	5MHz	20625	16QAM	1	0	High	5000	12000	-46.22	PASS
Band5	5MHz	20625	16QAM	1	0	High	12000	26500	-41.46	PASS
Band5	10MHz	20450	QPSK	1	0	Low	0.009	0.15	-54.18	PASS
Band5	10MHz	20450	QPSK	1	0	Low	0.15	30	-42.71	PASS
Band5	10MHz	20450	QPSK	1	0	Low	30	1000	-27.85	PASS
Band5	10MHz	20450	QPSK	1	0	Low	1000	5000	-33.11	PASS
Band5	10MHz	20450	QPSK	1	0	Low	5000	12000	-46.21	PASS
Band5	10MHz	20450	QPSK	1	0	Low	12000	26500	-41.43	PASS
Band5	10MHz	20525	QPSK	1	0	Low	0.009	0.15	-54.51	PASS
Band5	10MHz	20525	QPSK	1	0	Low	0.15	30	-42.99	PASS
Band5	10MHz	20525	QPSK	1	0	Low	30	1000	-27.71	PASS
Band5	10MHz	20525	QPSK	1	0	Low	1000	5000	-32.97	PASS
Band5	10MHz	20525	QPSK	1	0	Low	5000	12000	-46.36	PASS
Band5	10MHz	20525	QPSK	1	0	Low	12000	26500	-41.62	PASS
Band5	10MHz	20600	QPSK	1	0	High	0.009	0.15	-55.19	PASS
Band5	10MHz	20600	QPSK	1	0	High	0.15	30	-43.33	PASS
Band5	10MHz	20600	QPSK	1	0	High	30	1000	-27.56	PASS
Band5	10MHz	20600	QPSK	1	0	High	1000	5000	-33.1	PASS
Band5	10MHz	20600	QPSK	1	0	High	5000	12000	-46.04	PASS
Band5	10MHz	20600	QPSK	1	0	High	12000	26500	-41.4	PASS
Band5	10MHz	20450	16QAM	1	0	Low	0.009	0.15	-53	PASS
Band5	10MHz	20450	16QAM	1	0	Low	0.15	30	-43.14	PASS
Band5	10MHz	20450	16QAM	1	0	Low	30	1000	-27.09	PASS
Band5	10MHz	20450	16QAM	1	0	Low	1000	5000	-33.19	PASS
Band5	10MHz	20450	16QAM	1	0	Low	5000	12000	-46.17	PASS
Band5	10MHz	20450	16QAM	1	0	Low	12000	26500	-41.67	PASS
Band5	10MHz	20525	16QAM	1	0	Low	0.009	0.15	-53.29	PASS
Band5	10MHz	20525	16QAM	1	0	Low	0.15	30	-43.7	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band5	10MHz	20525	16QAM	1	0	Low	30	1000	-28.04	PASS
Band5	10MHz	20525	16QAM	1	0	Low	1000	5000	-33.12	PASS
Band5	10MHz	20525	16QAM	1	0	Low	5000	12000	-46.22	PASS
Band5	10MHz	20525	16QAM	1	0	Low	12000	26500	-41.36	PASS
Band5	10MHz	20600	16QAM	1	0	High	0.009	0.15	-54	PASS
Band5	10MHz	20600	16QAM	1	0	High	0.15	30	-41.81	PASS
Band5	10MHz	20600	16QAM	1	0	High	30	1000	-27.61	PASS
Band5	10MHz	20600	16QAM	1	0	High	1000	5000	-33.14	PASS
Band5	10MHz	20600	16QAM	1	0	High	5000	12000	-46.05	PASS
Band5	10MHz	20600	16QAM	1	0	High	12000	26500	-41.53	PASS

Band 5 Test Graphs



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

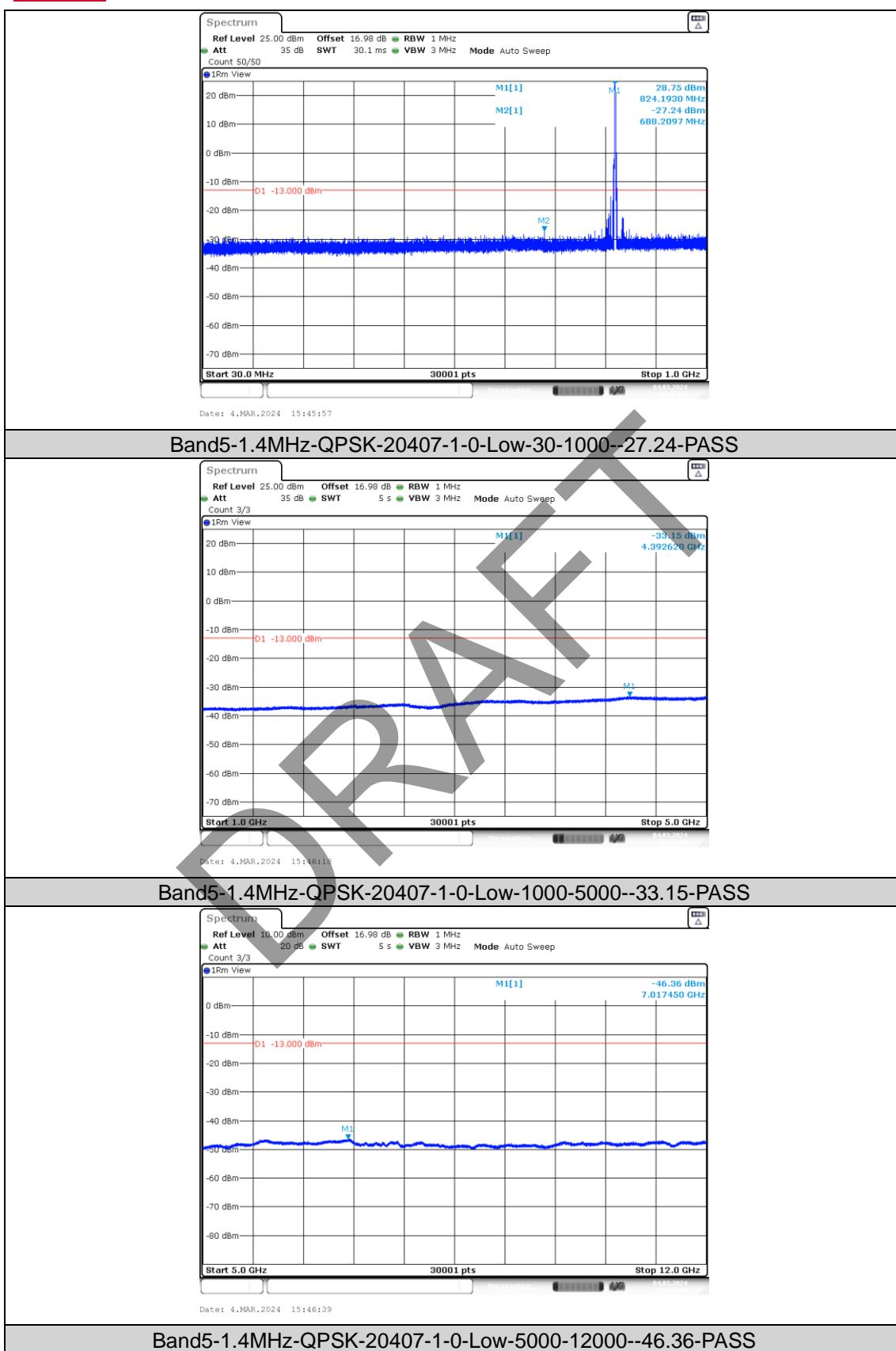
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

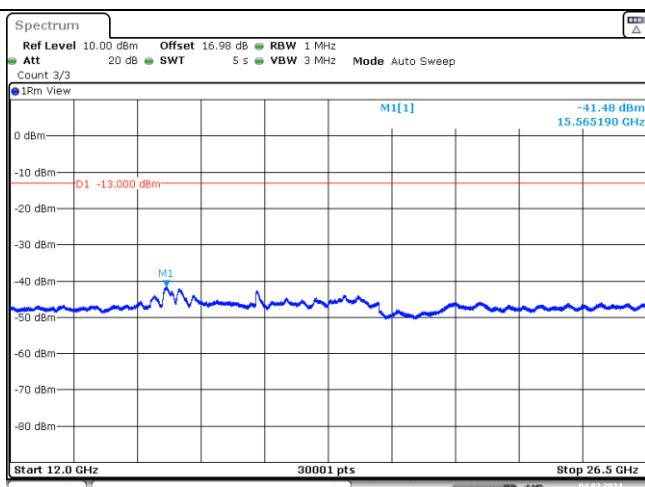
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

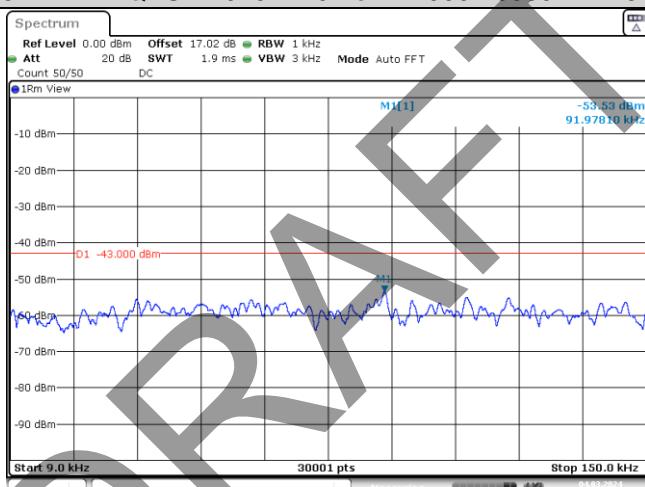


BUREAU
VERITAS

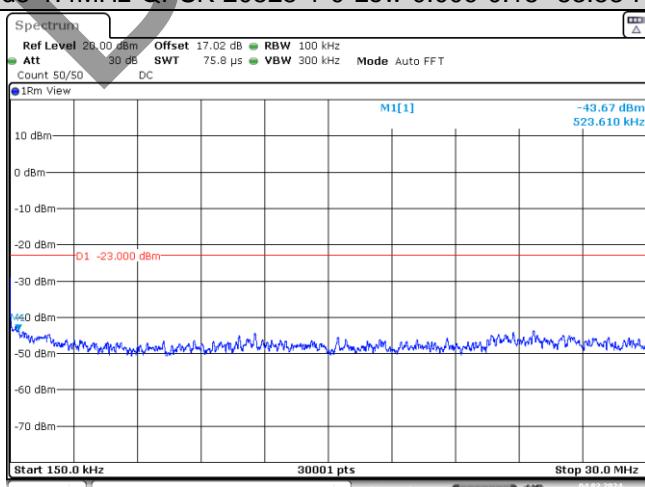
Test Report No.: W7L-P23120015RI01



Band5-1.4MHz-QPSK-20407-1-0-Low-12000-26500--41.48-PASS



Band5-1.4MHz-QPSK-20525-1-0-Low-0.009-0.15--53.53-PASS



Band5-1.4MHz-QPSK-20525-1-0-15-30--43.67-PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

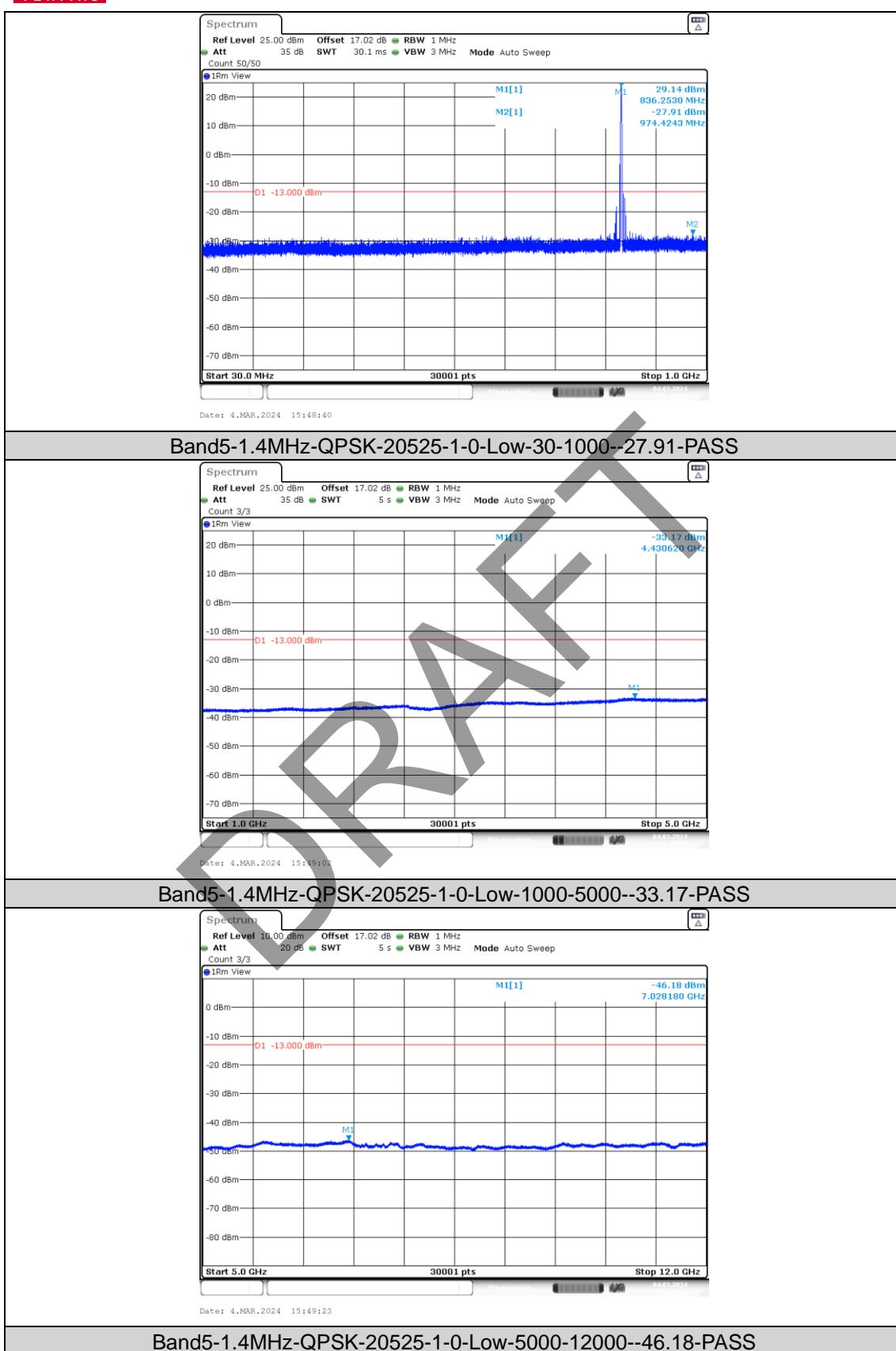
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

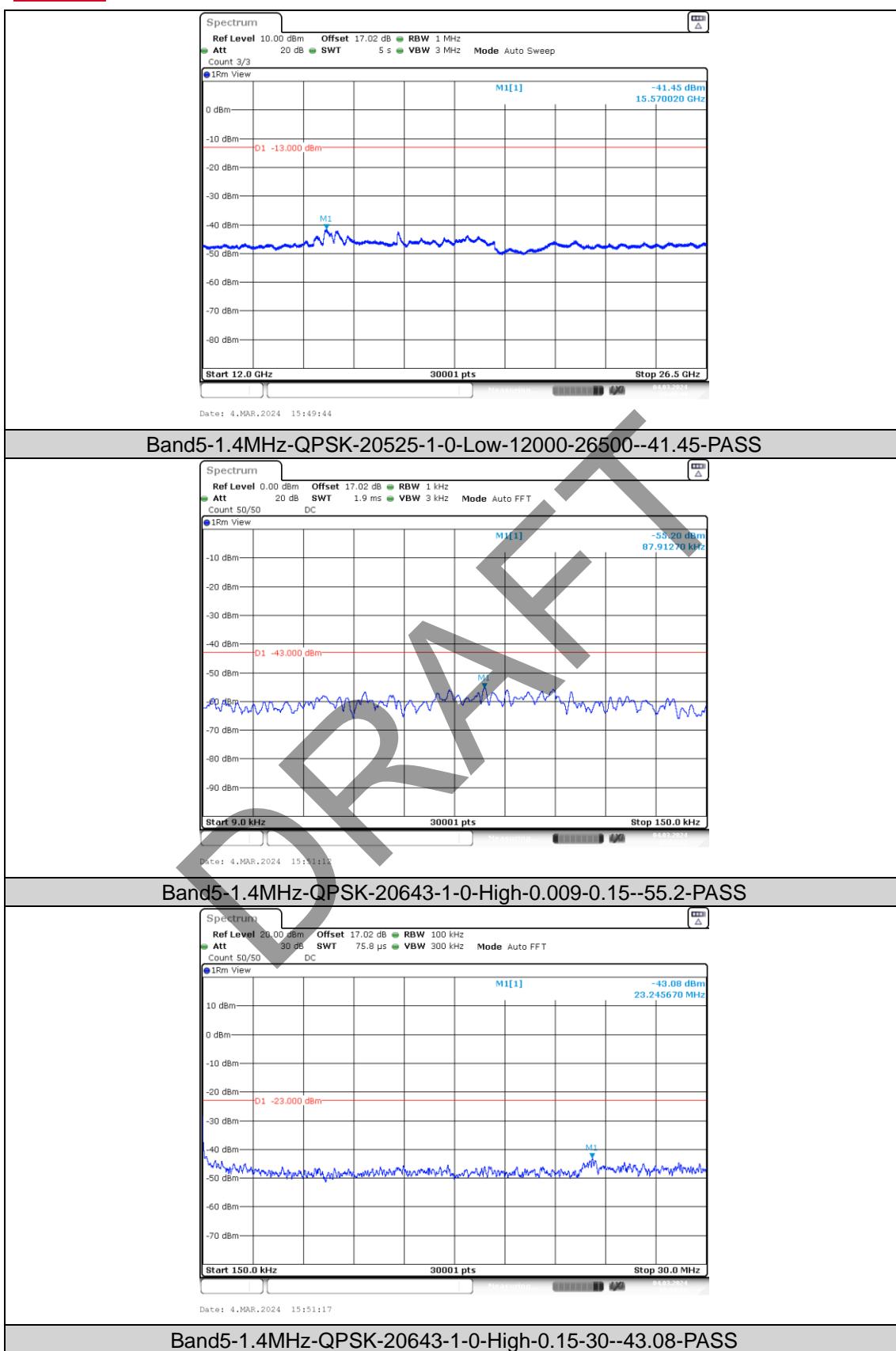
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

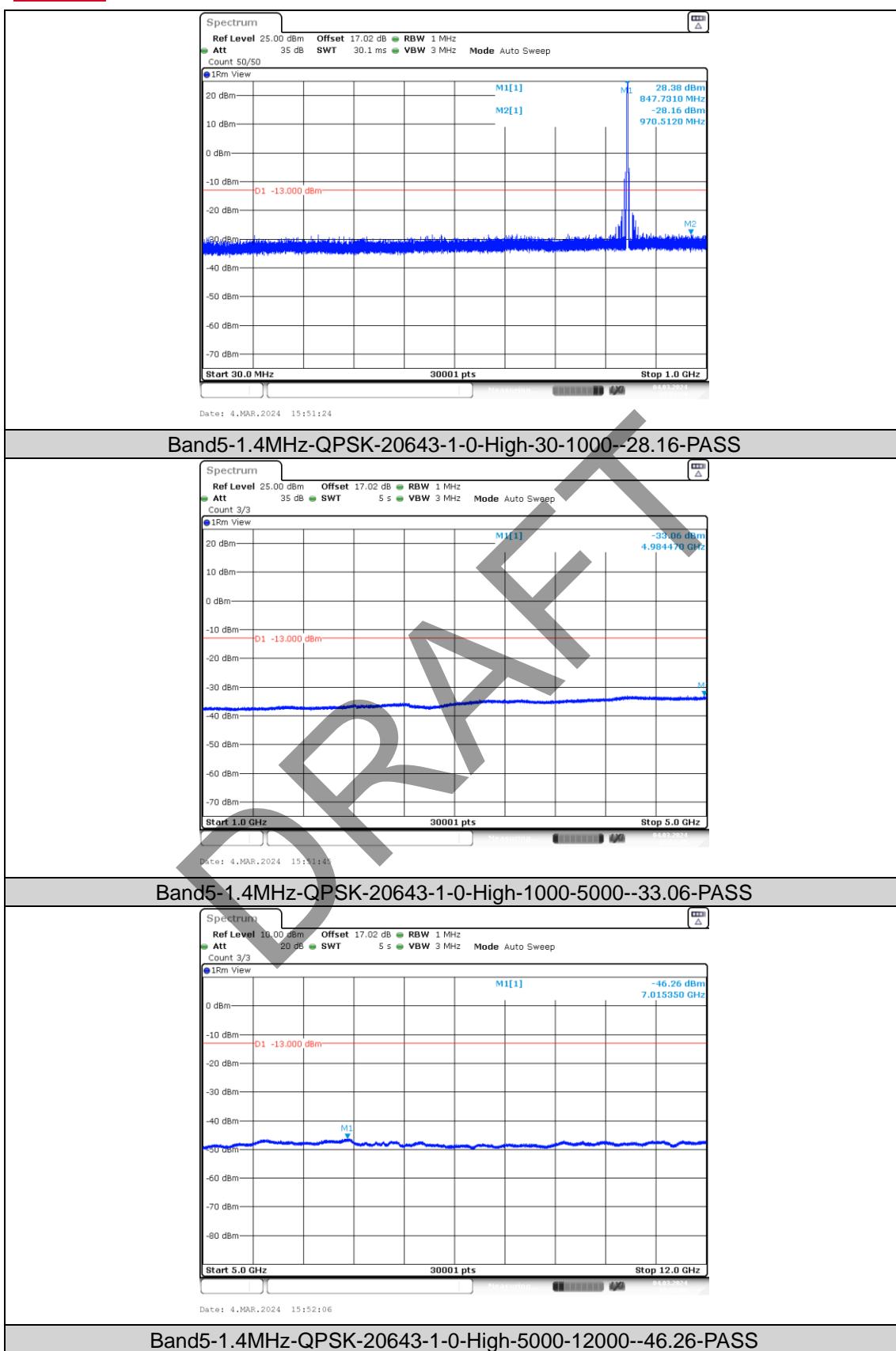
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

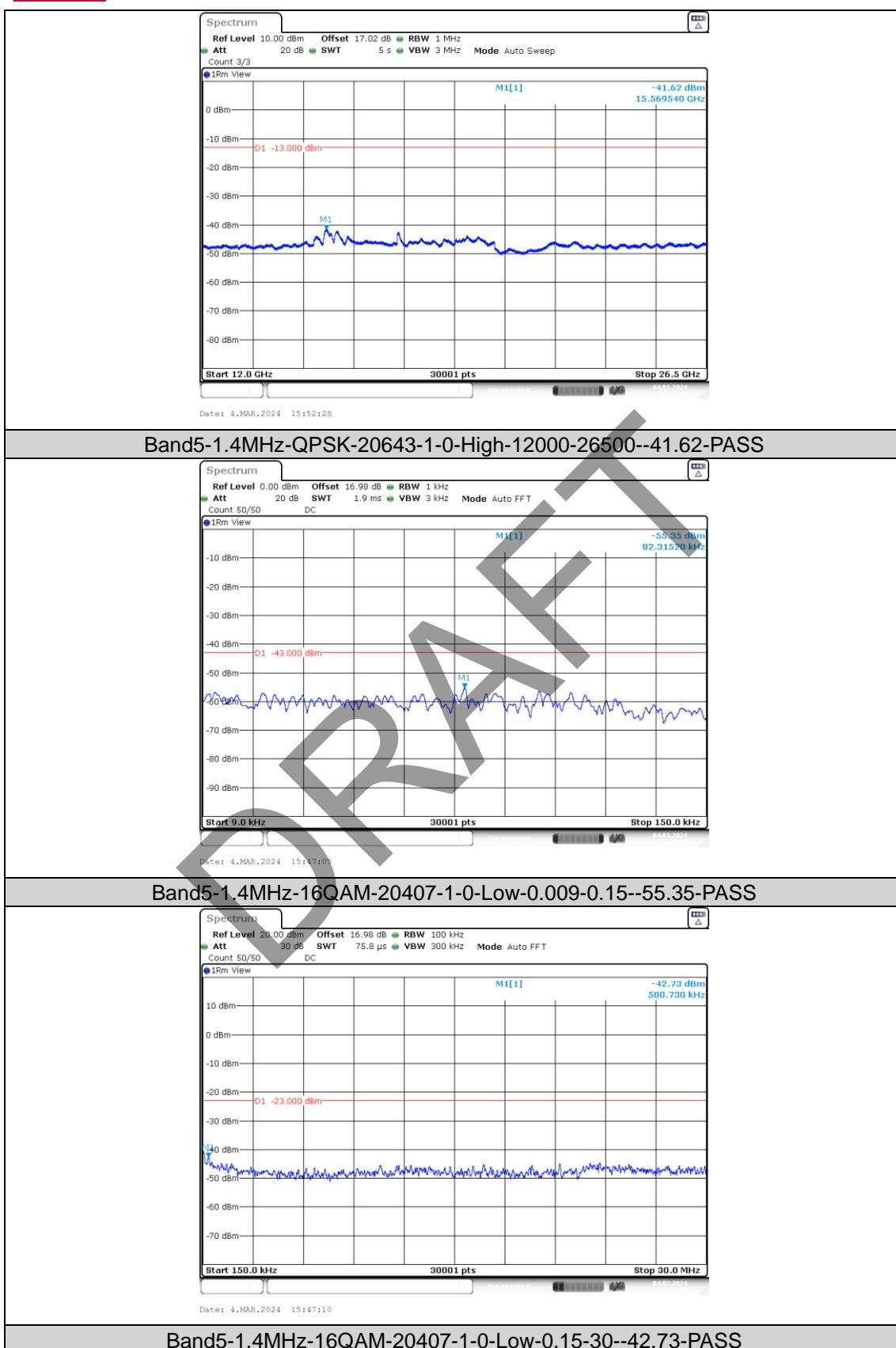
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

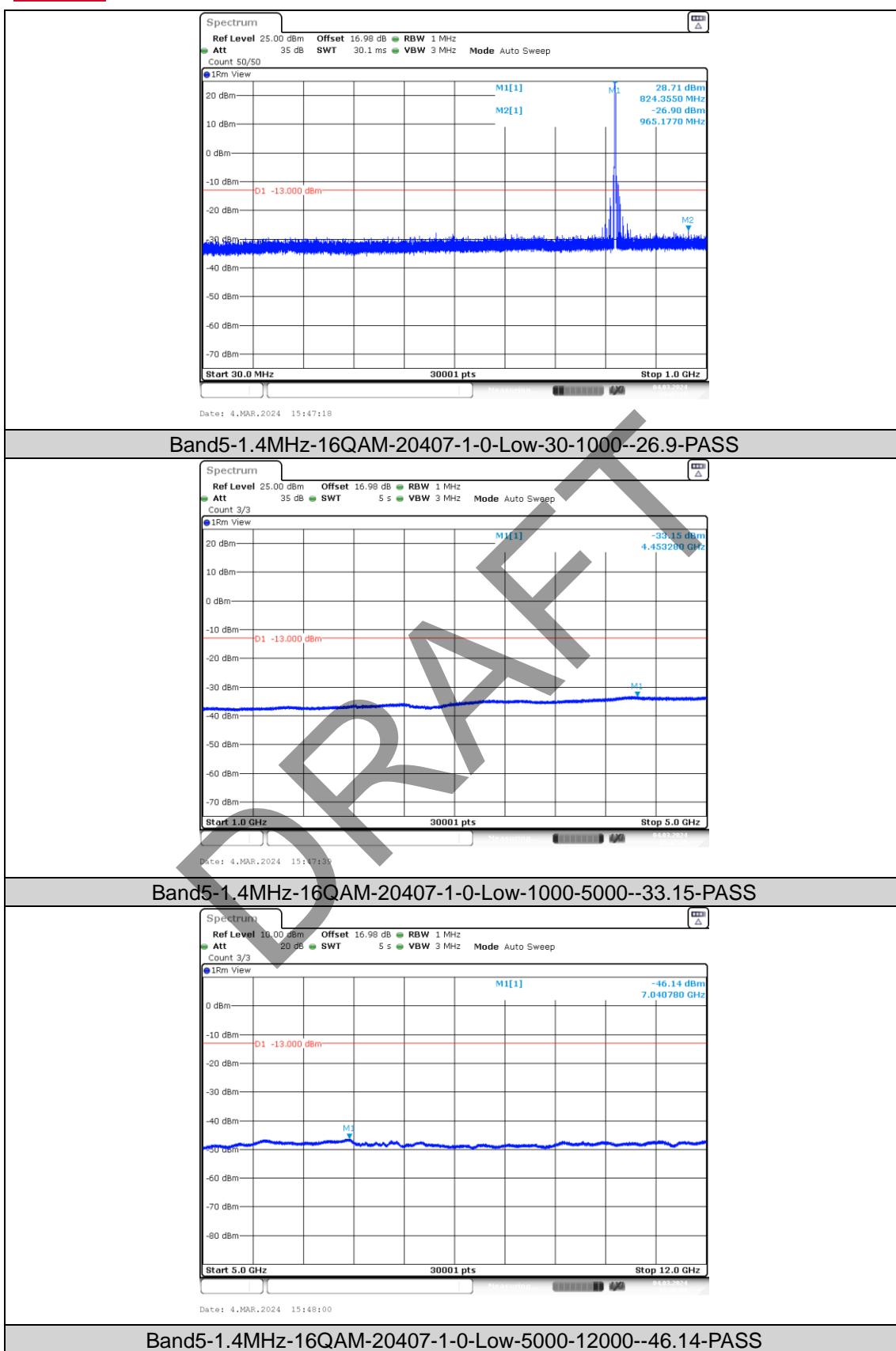
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

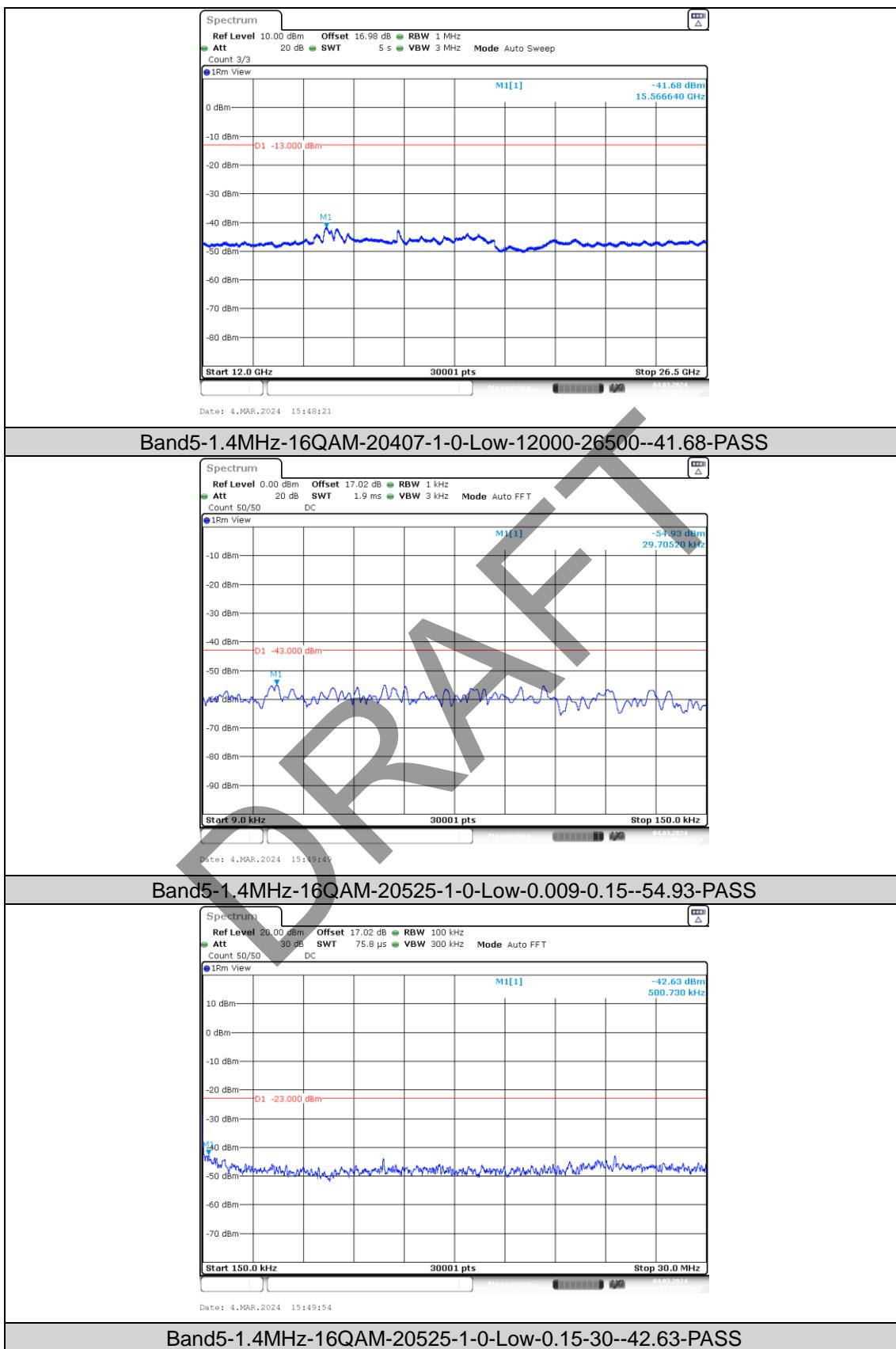
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

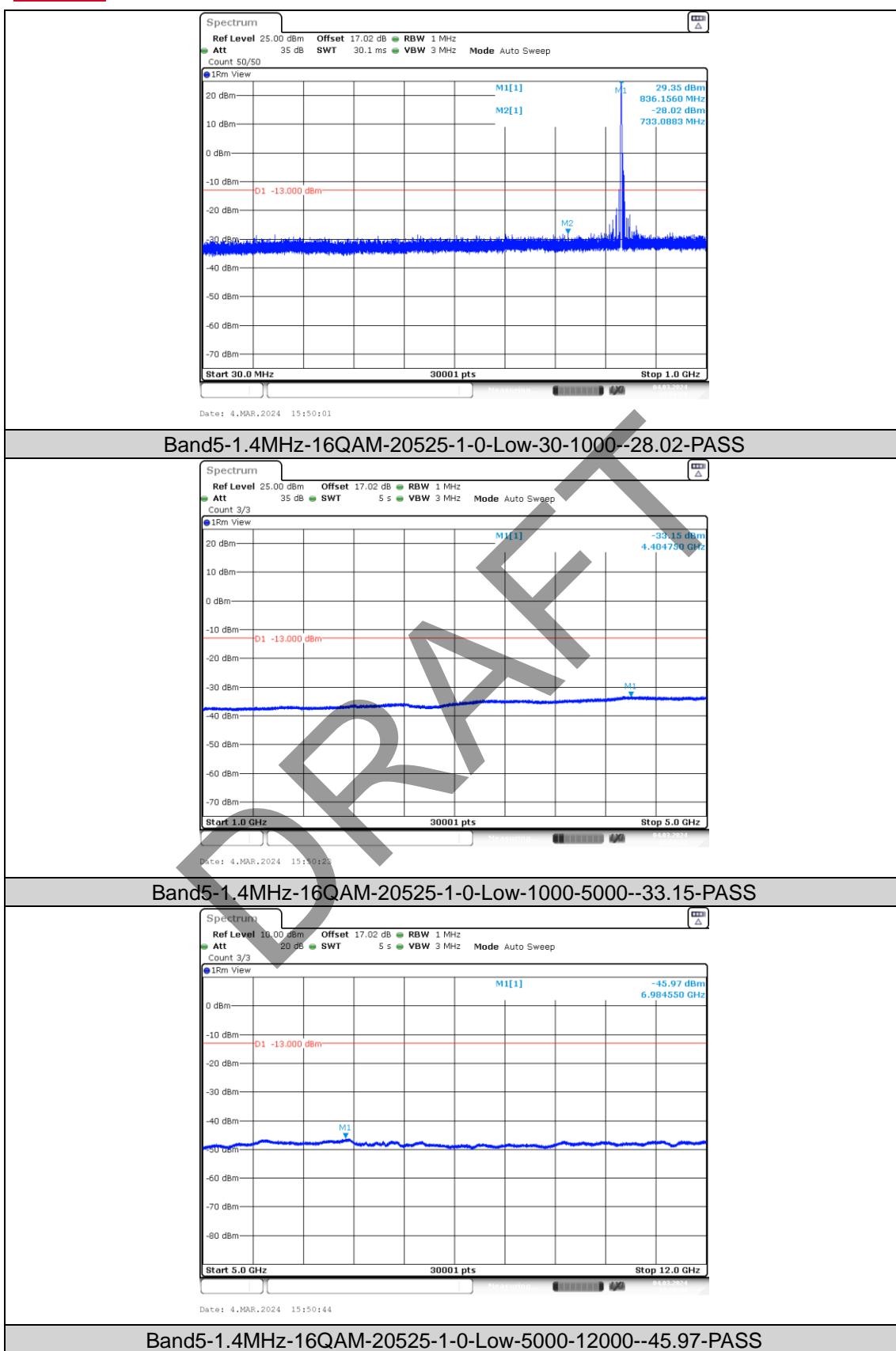
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

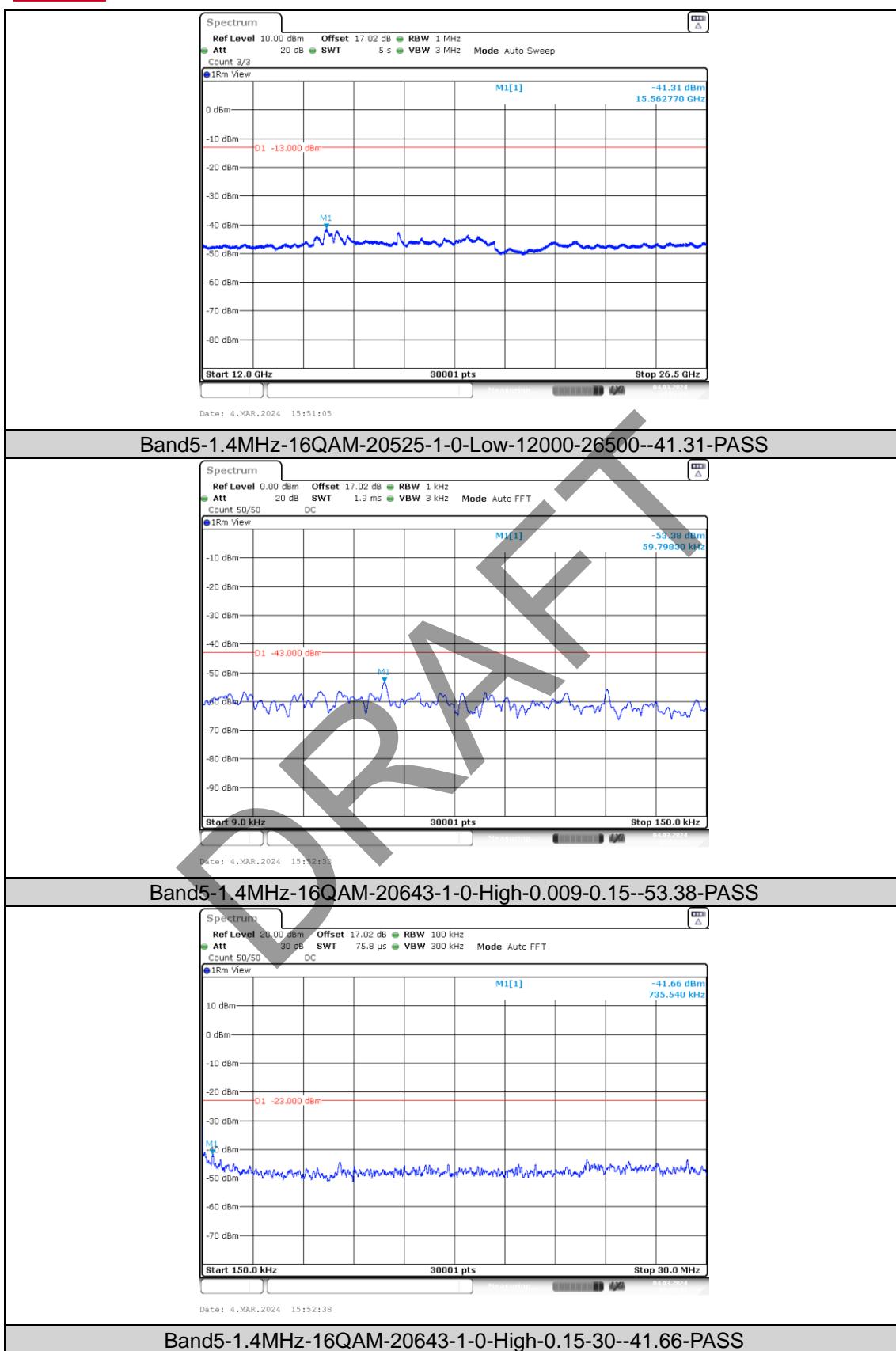
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

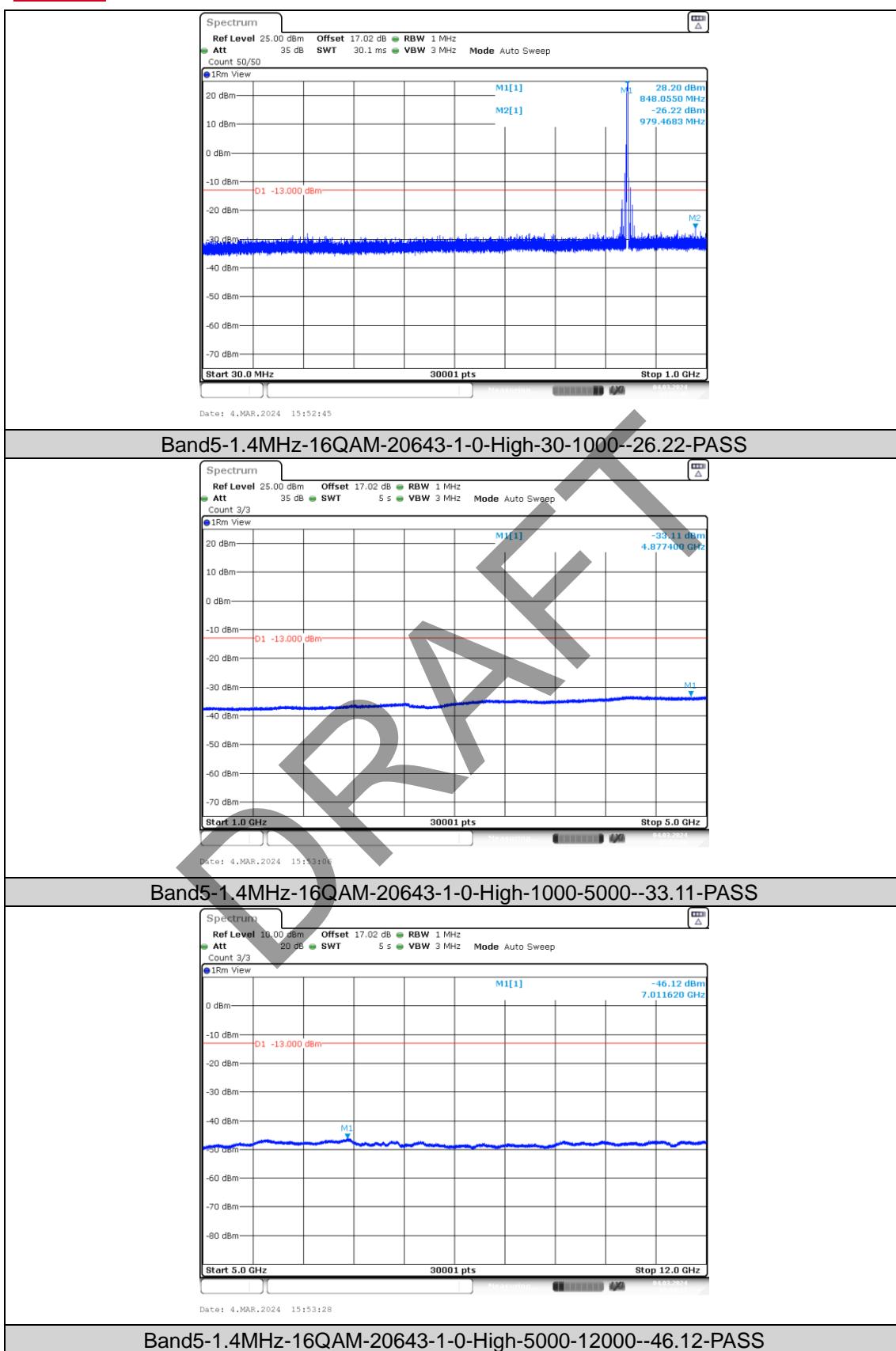
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

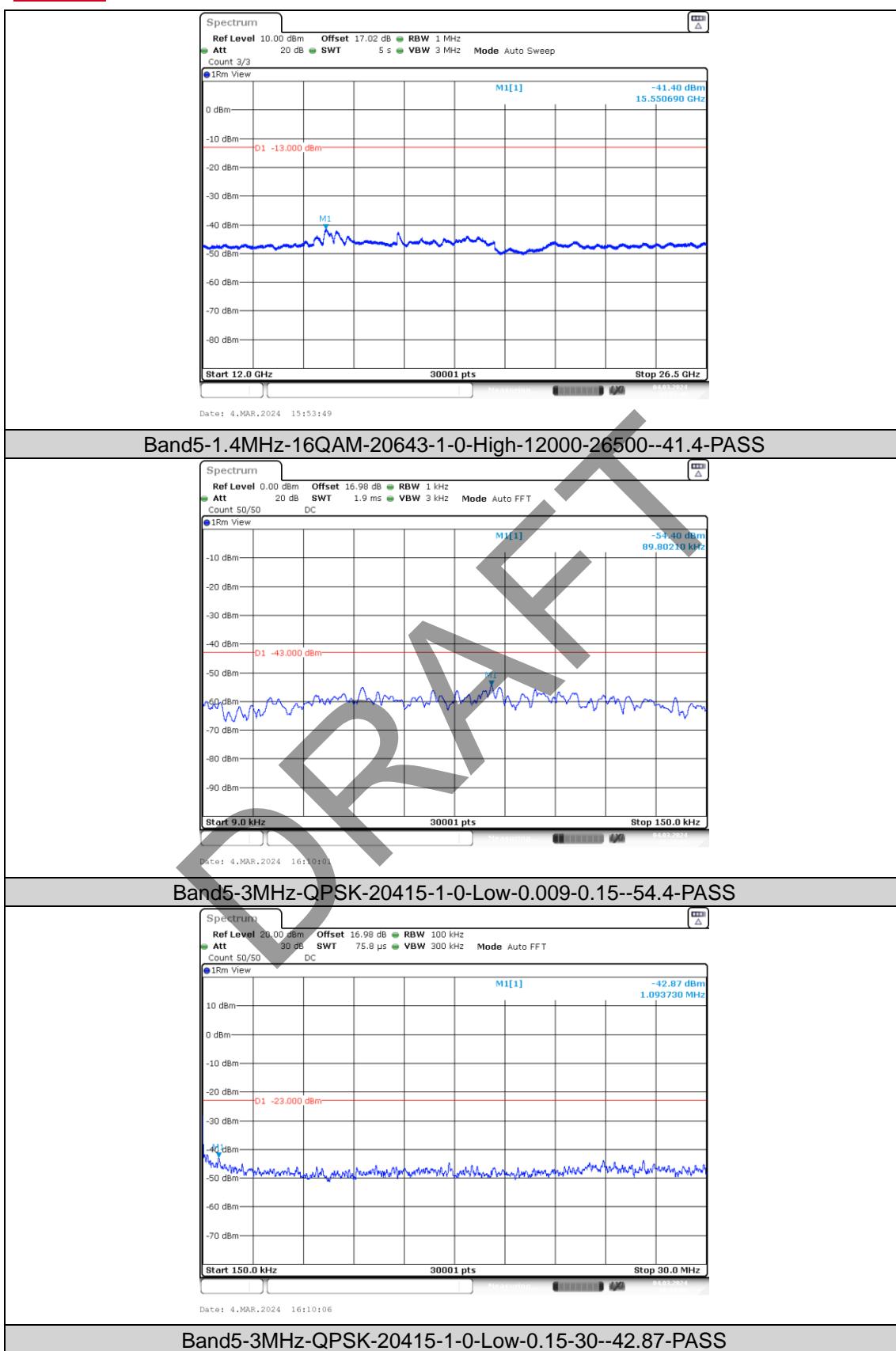
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

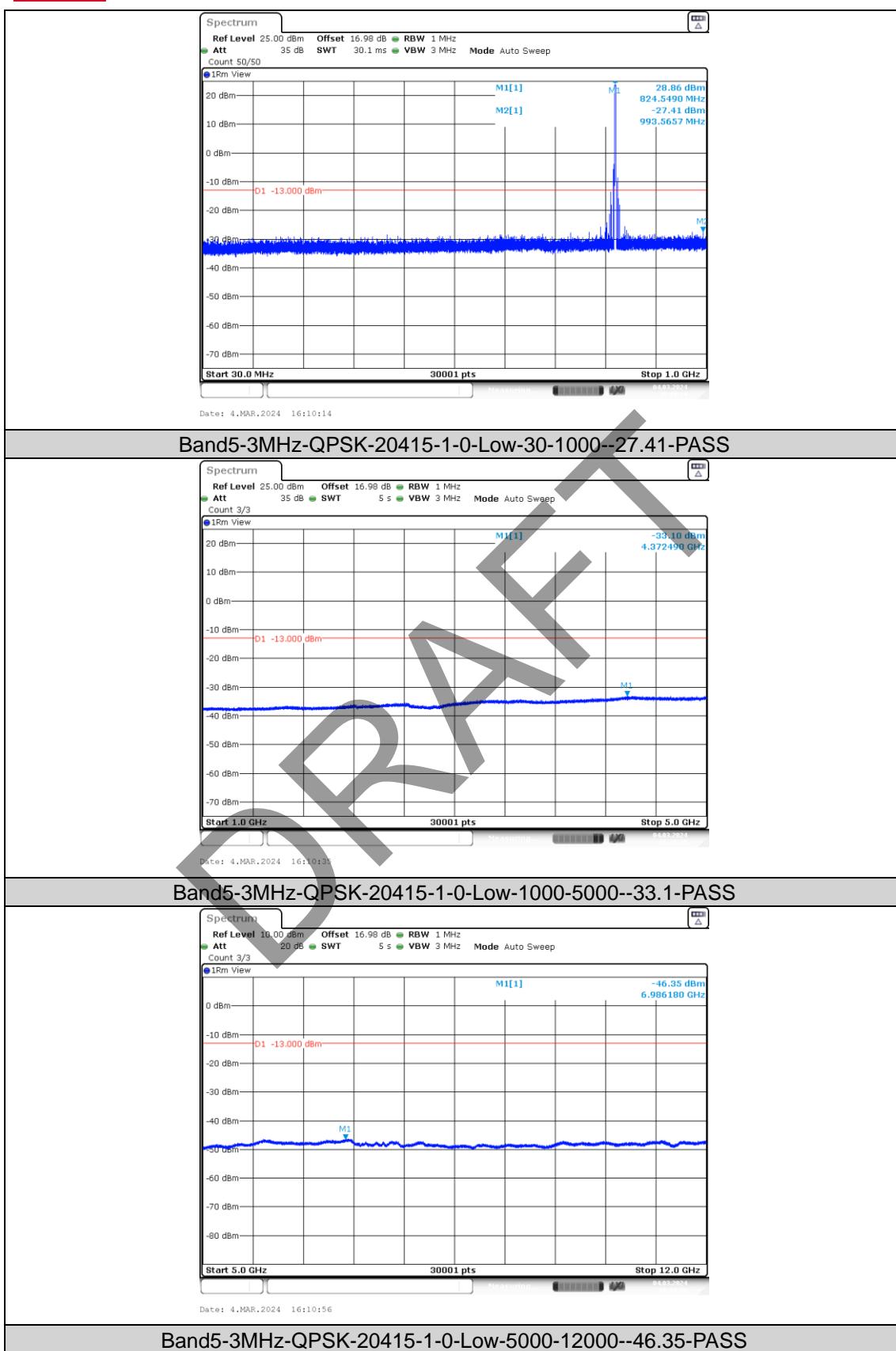
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

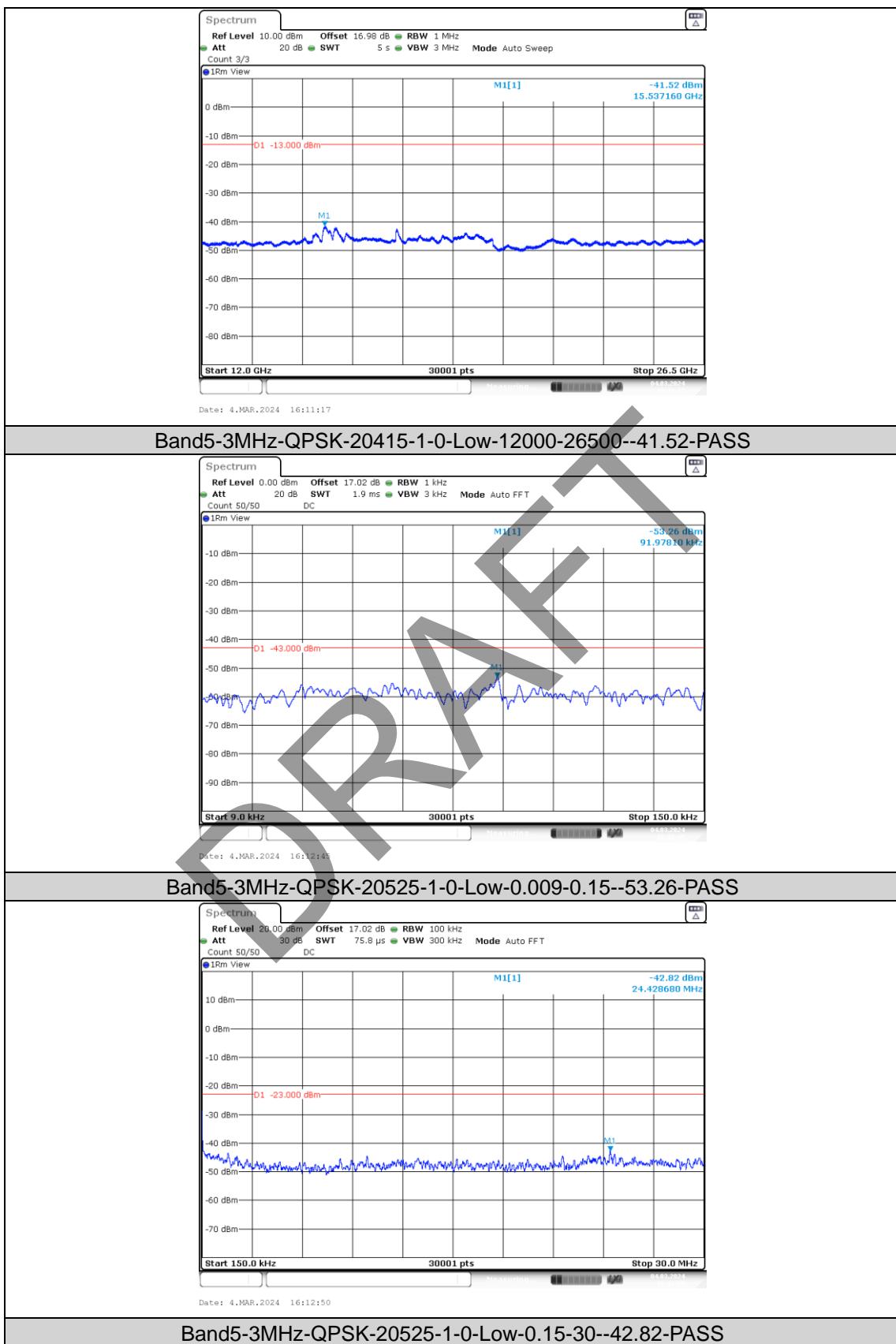
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

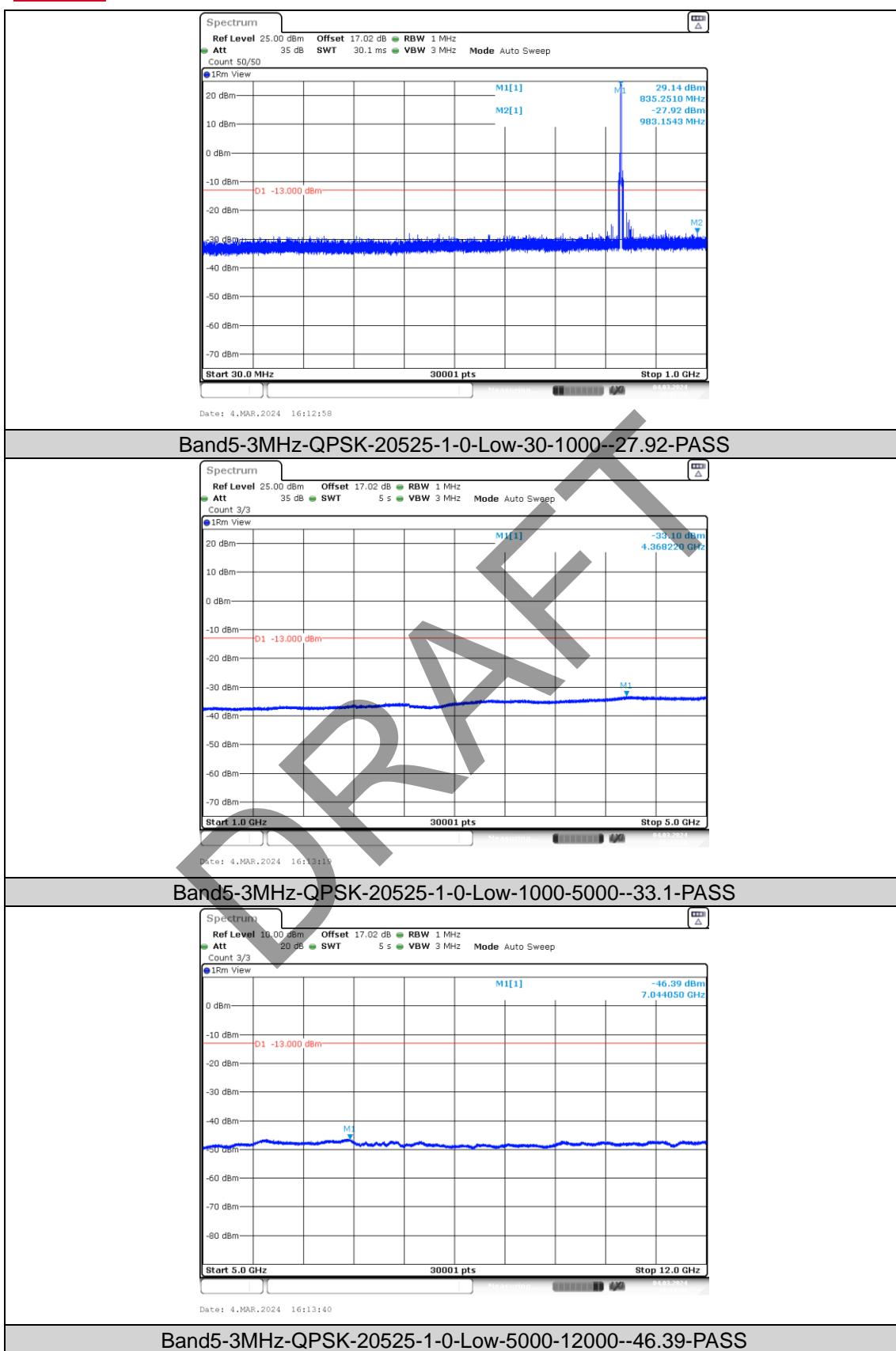
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

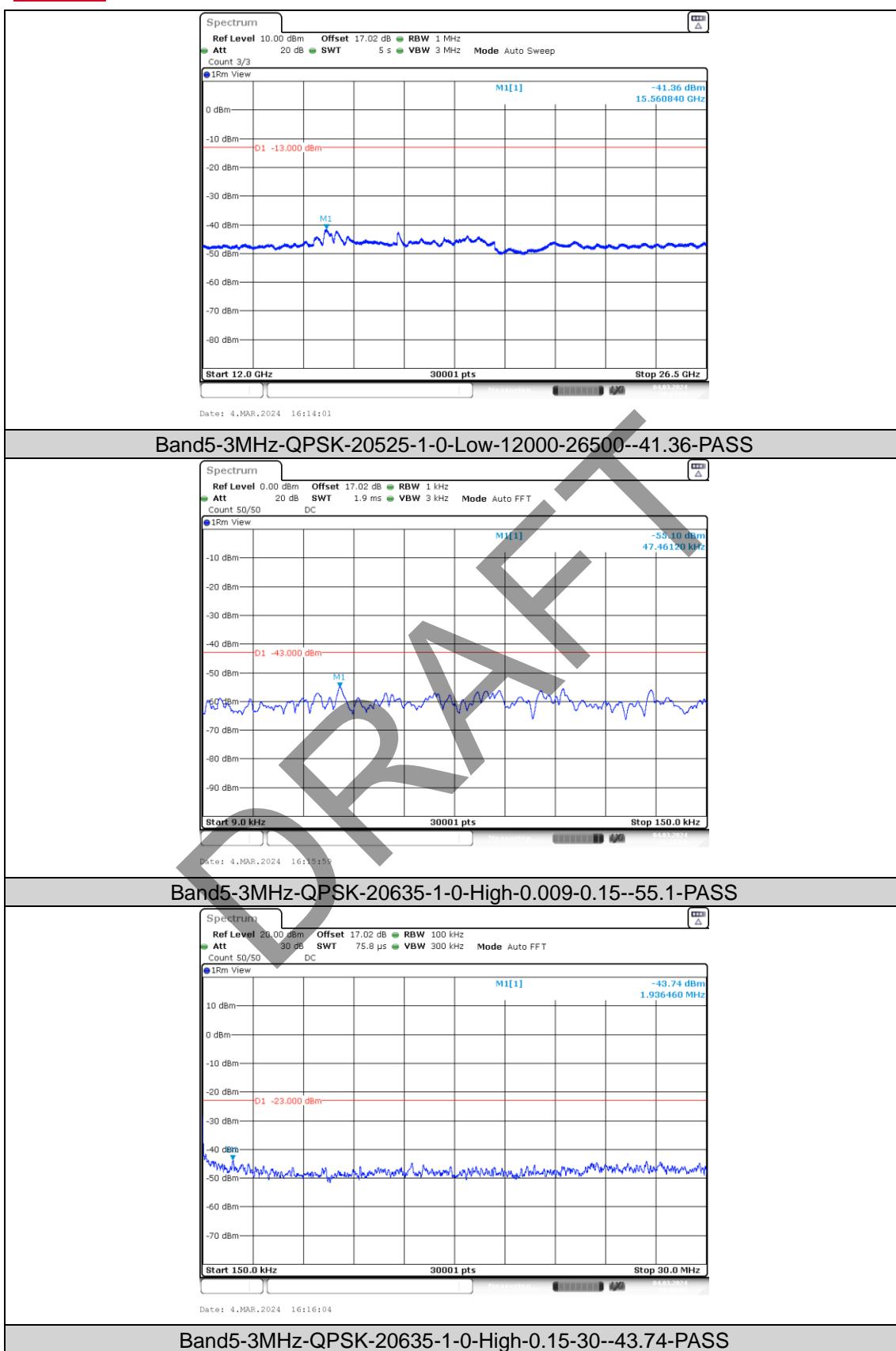
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

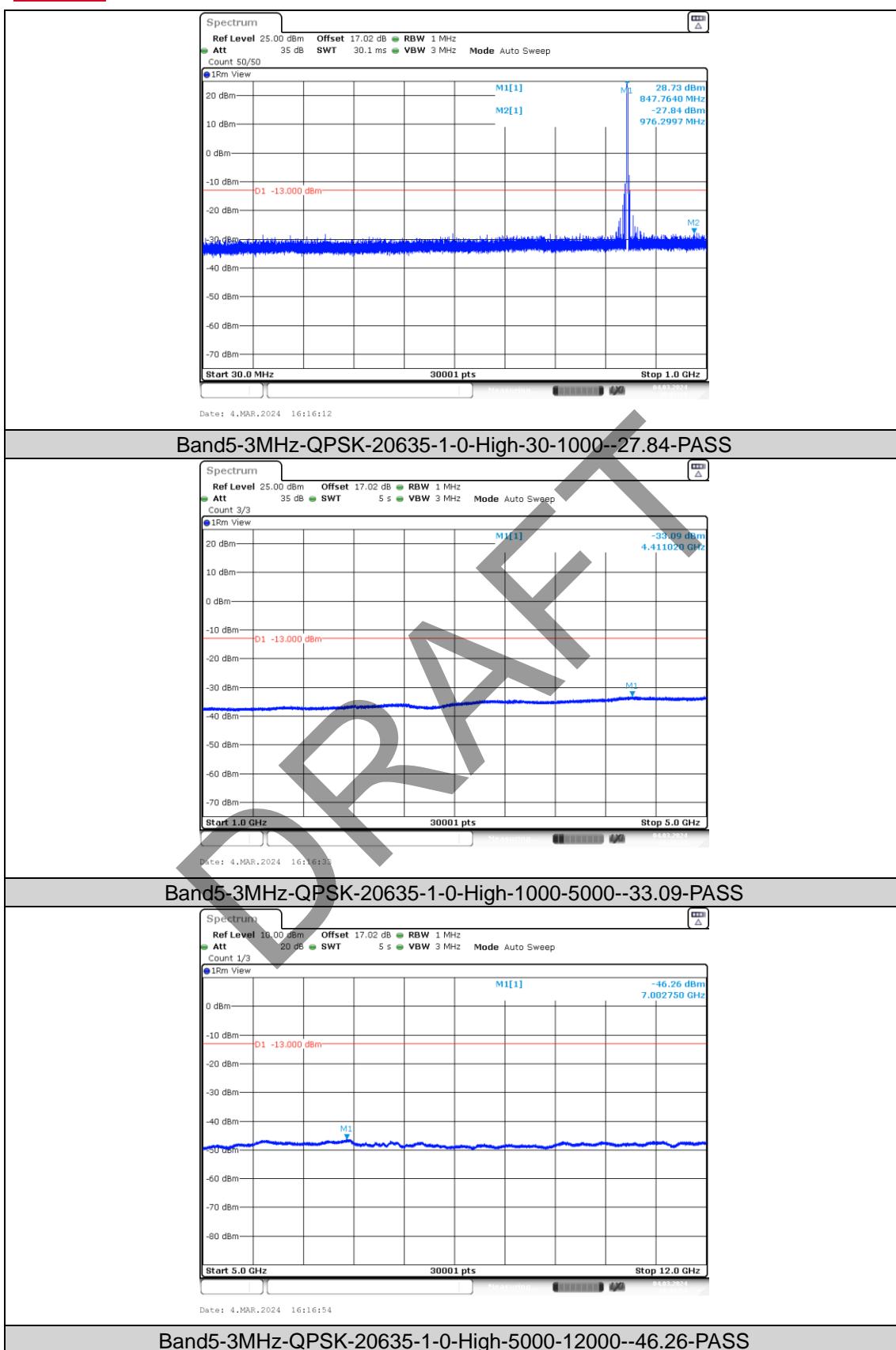
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

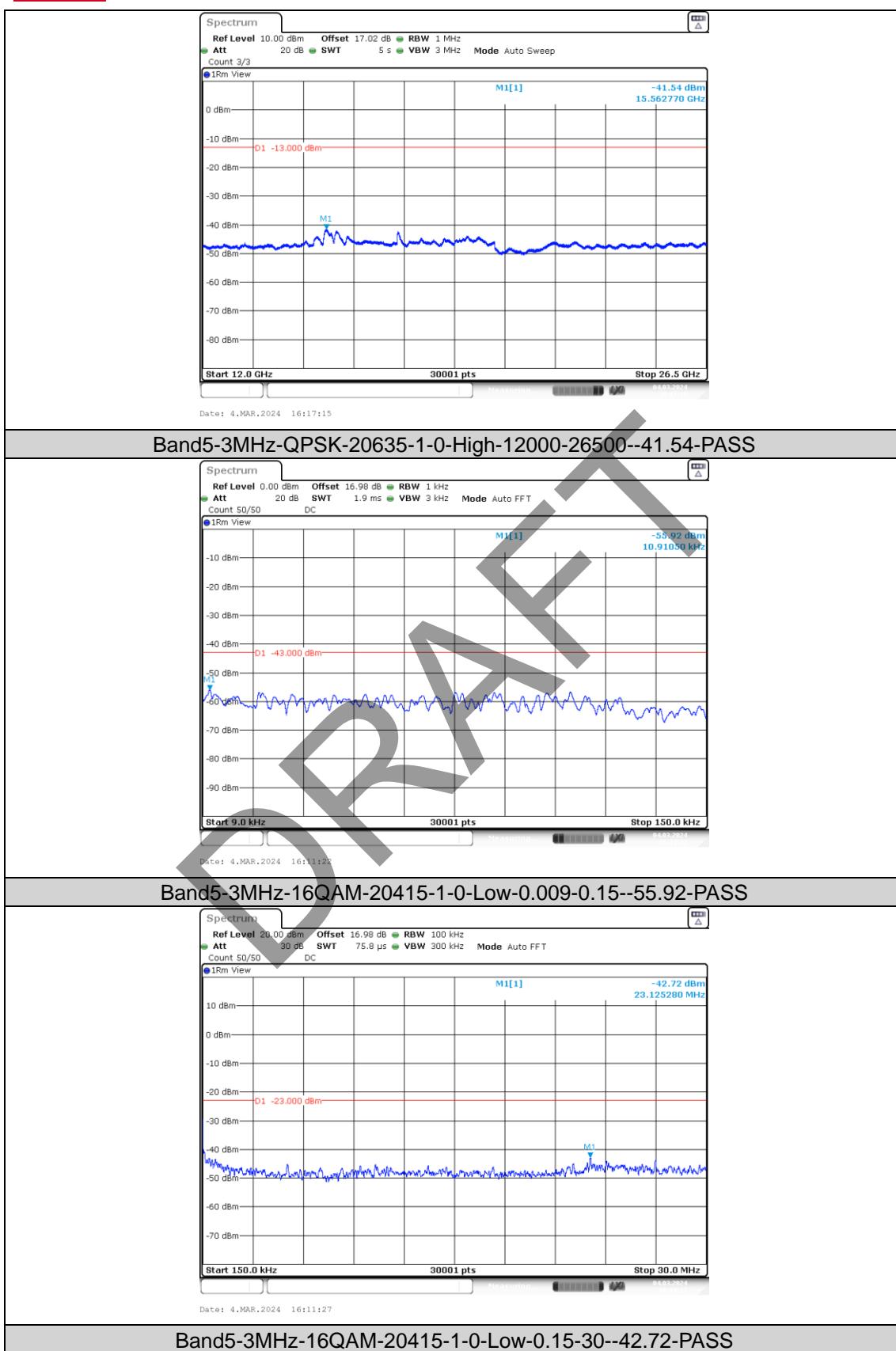
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

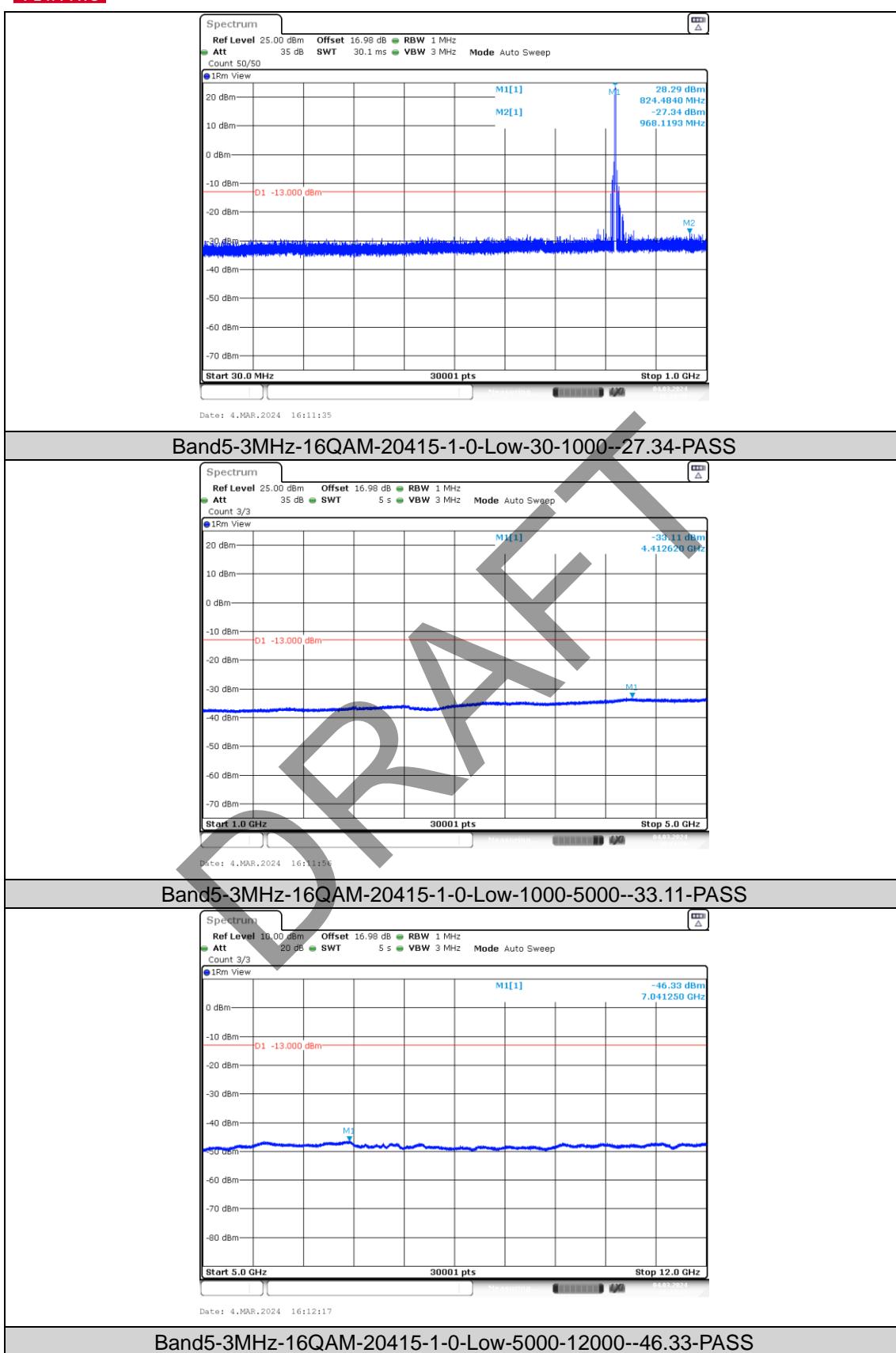
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

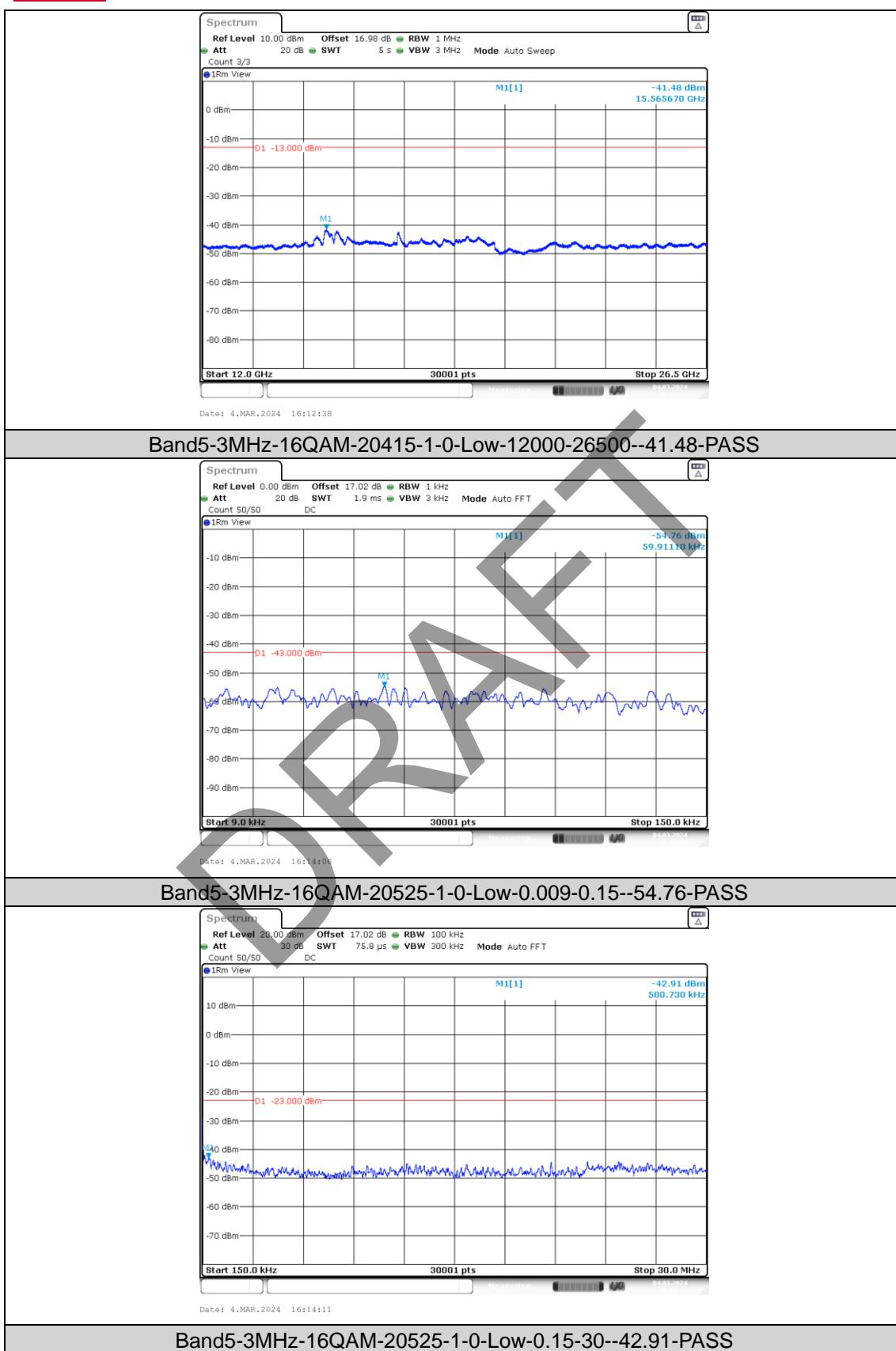
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

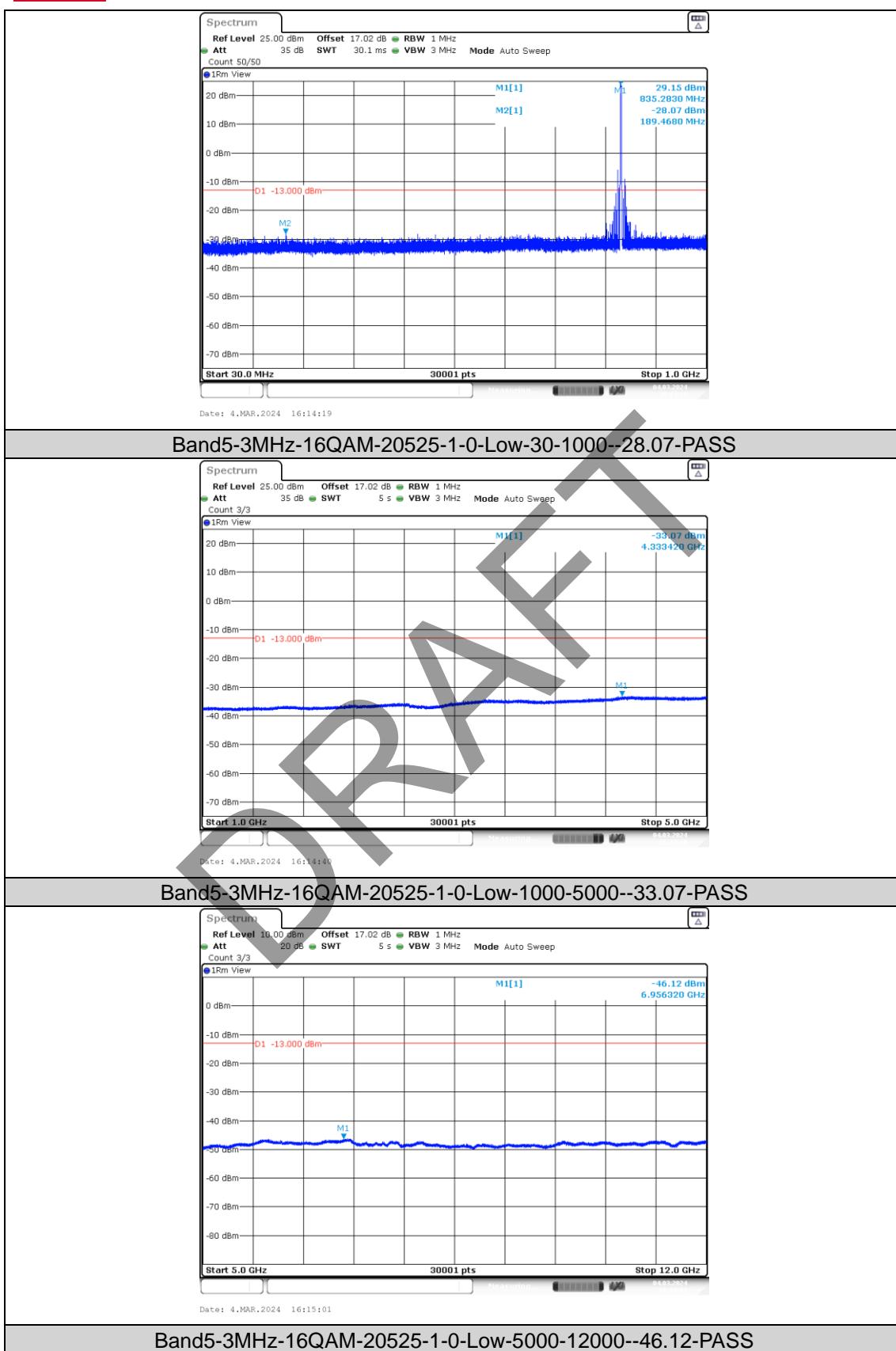
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

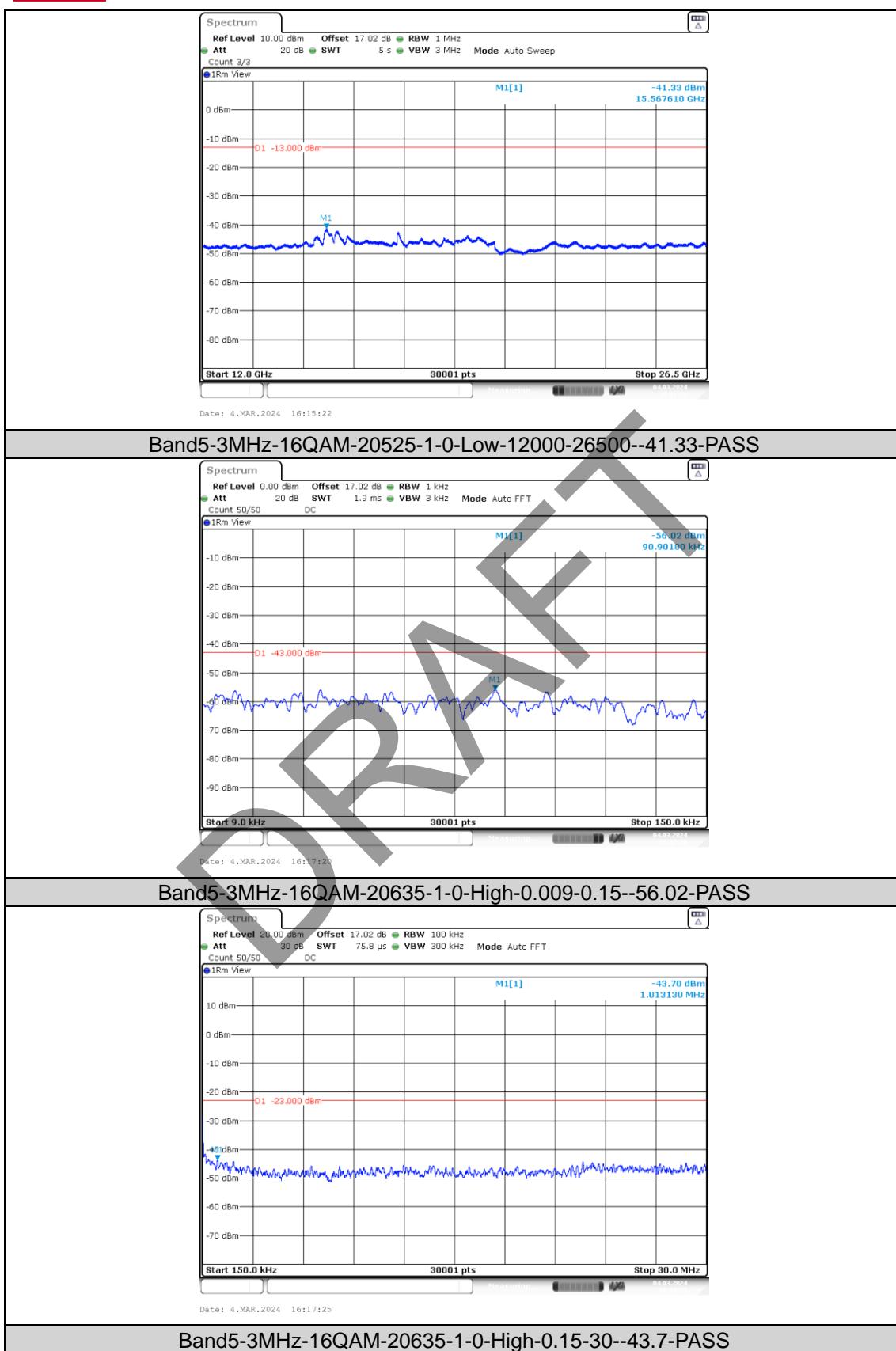
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

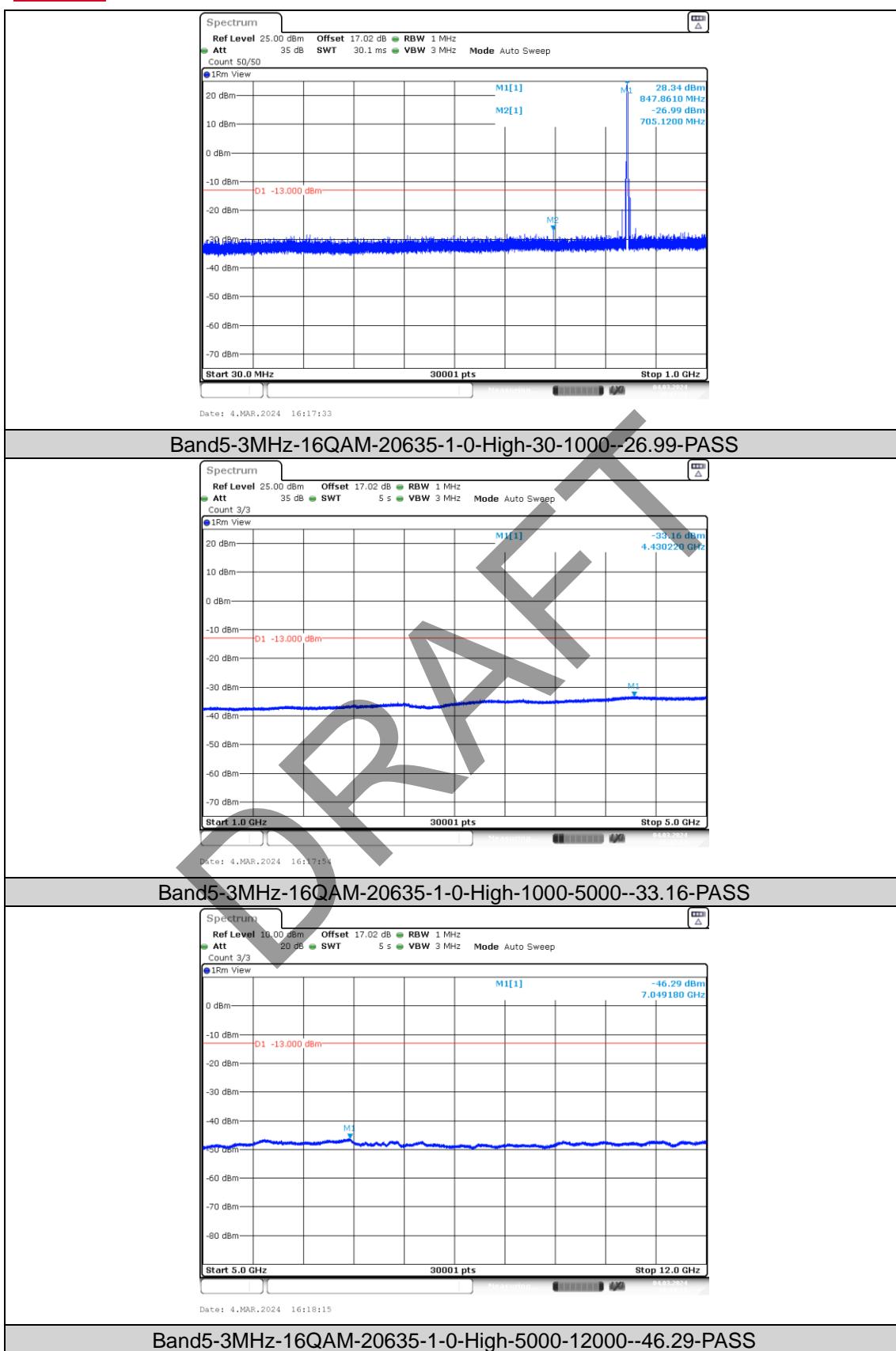
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

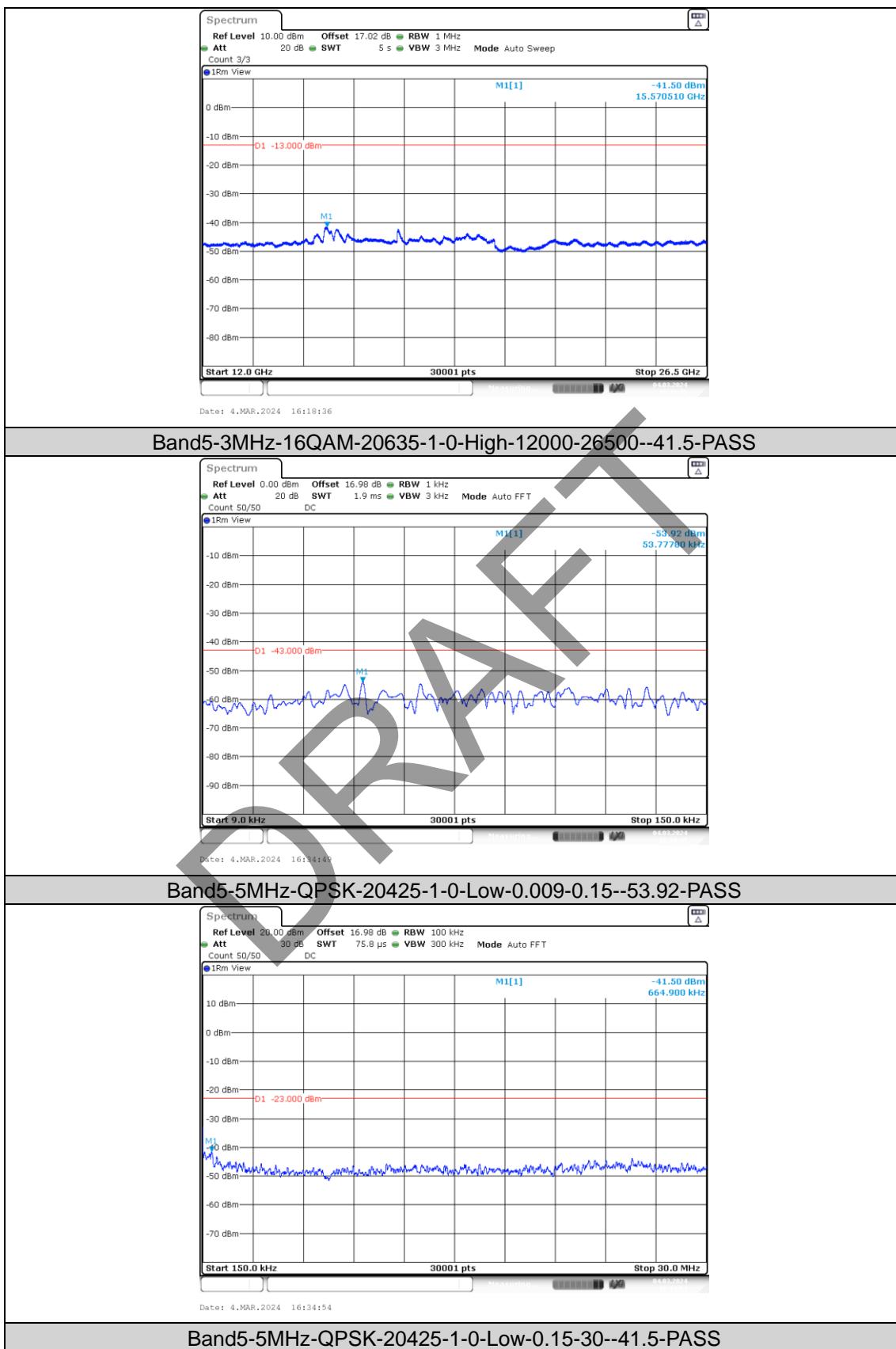
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

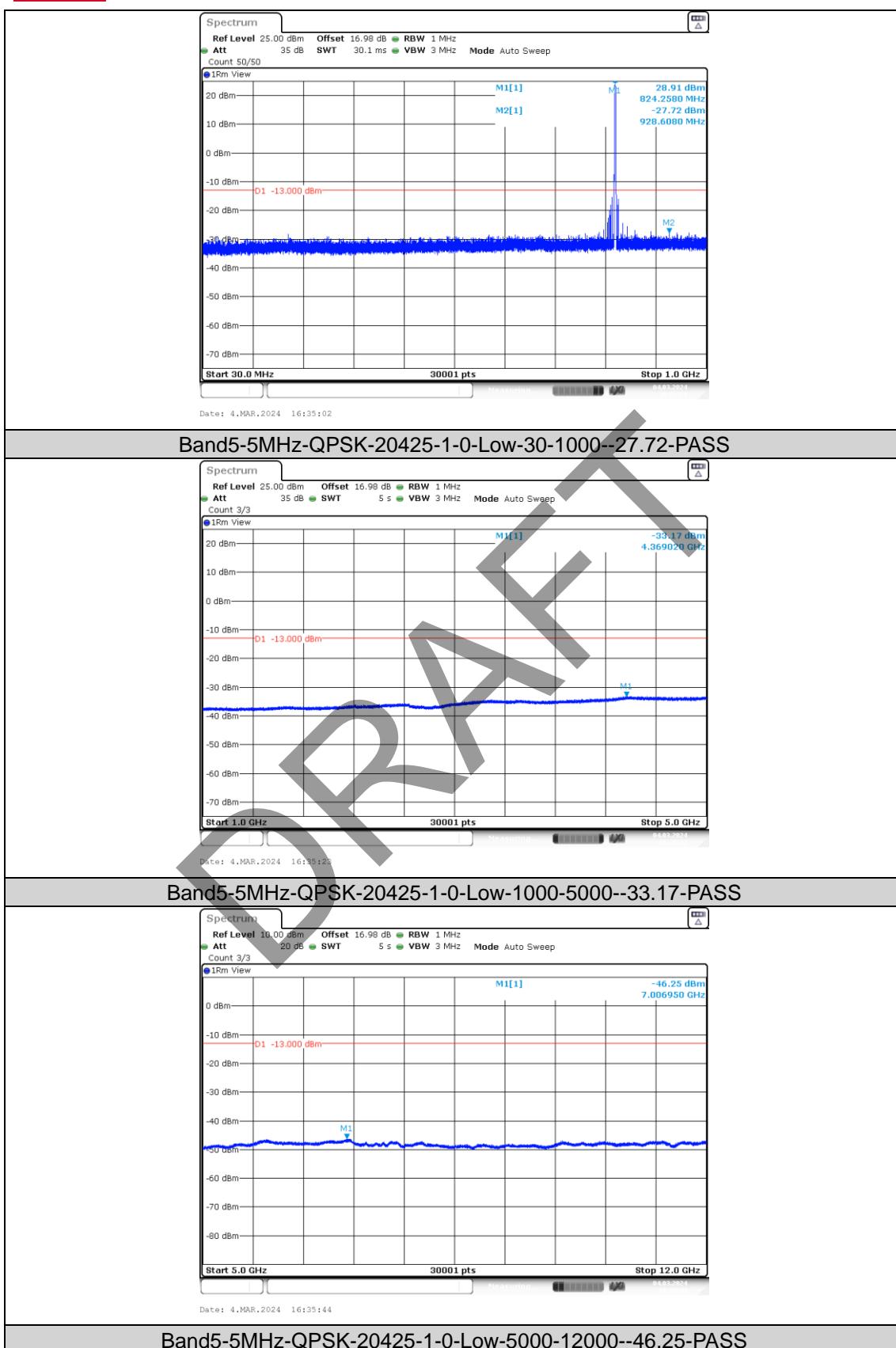
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

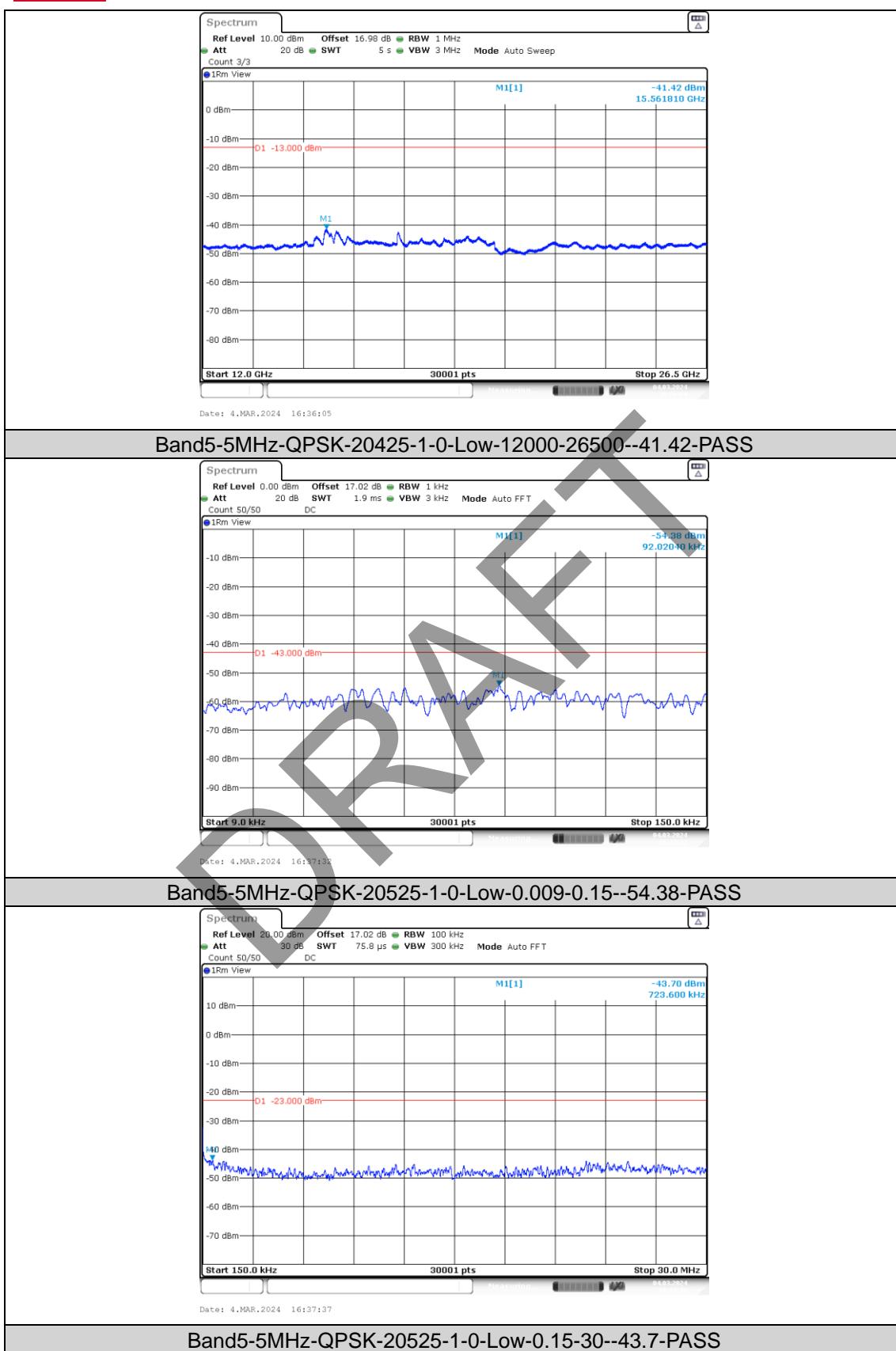
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

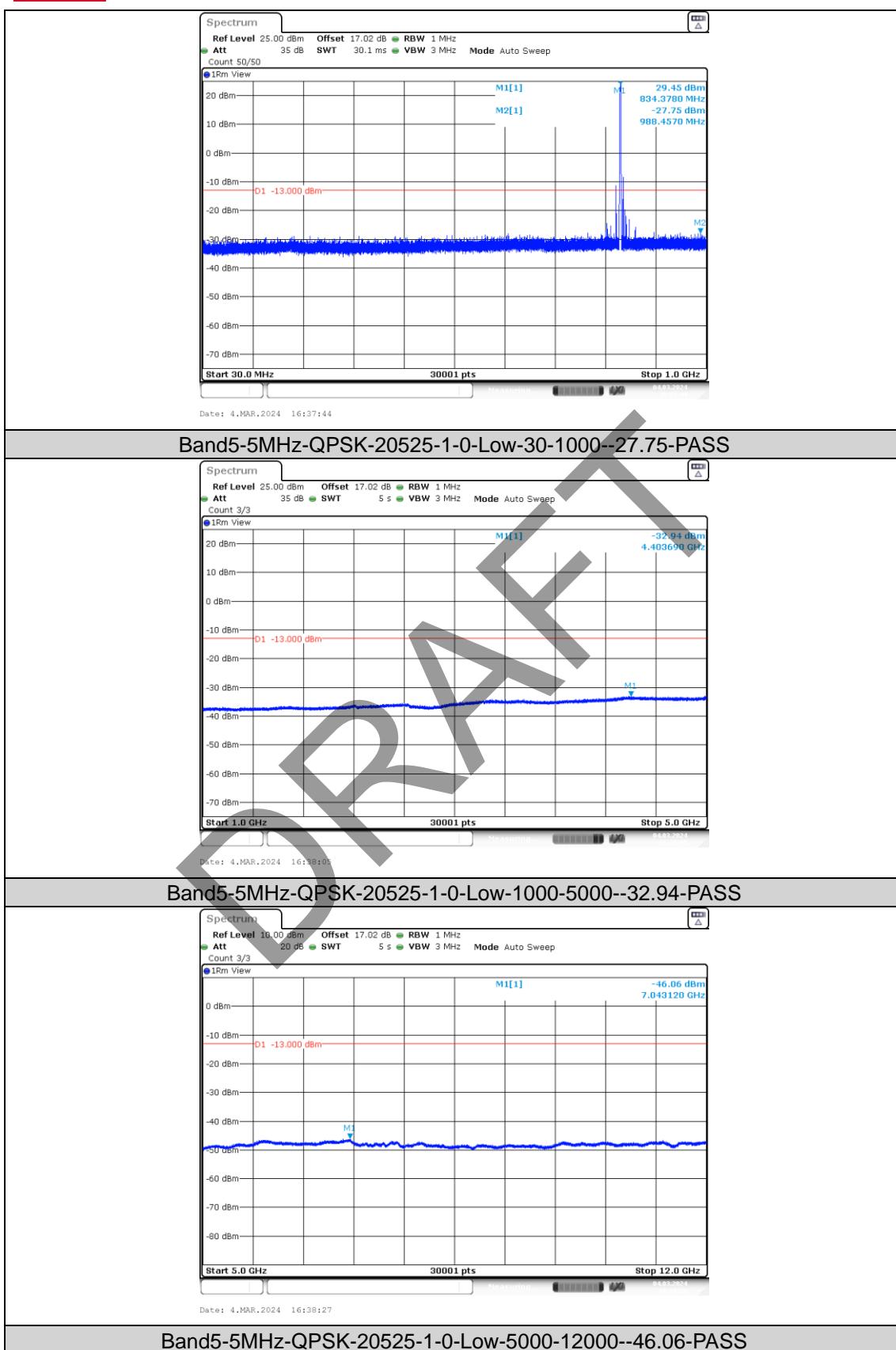
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

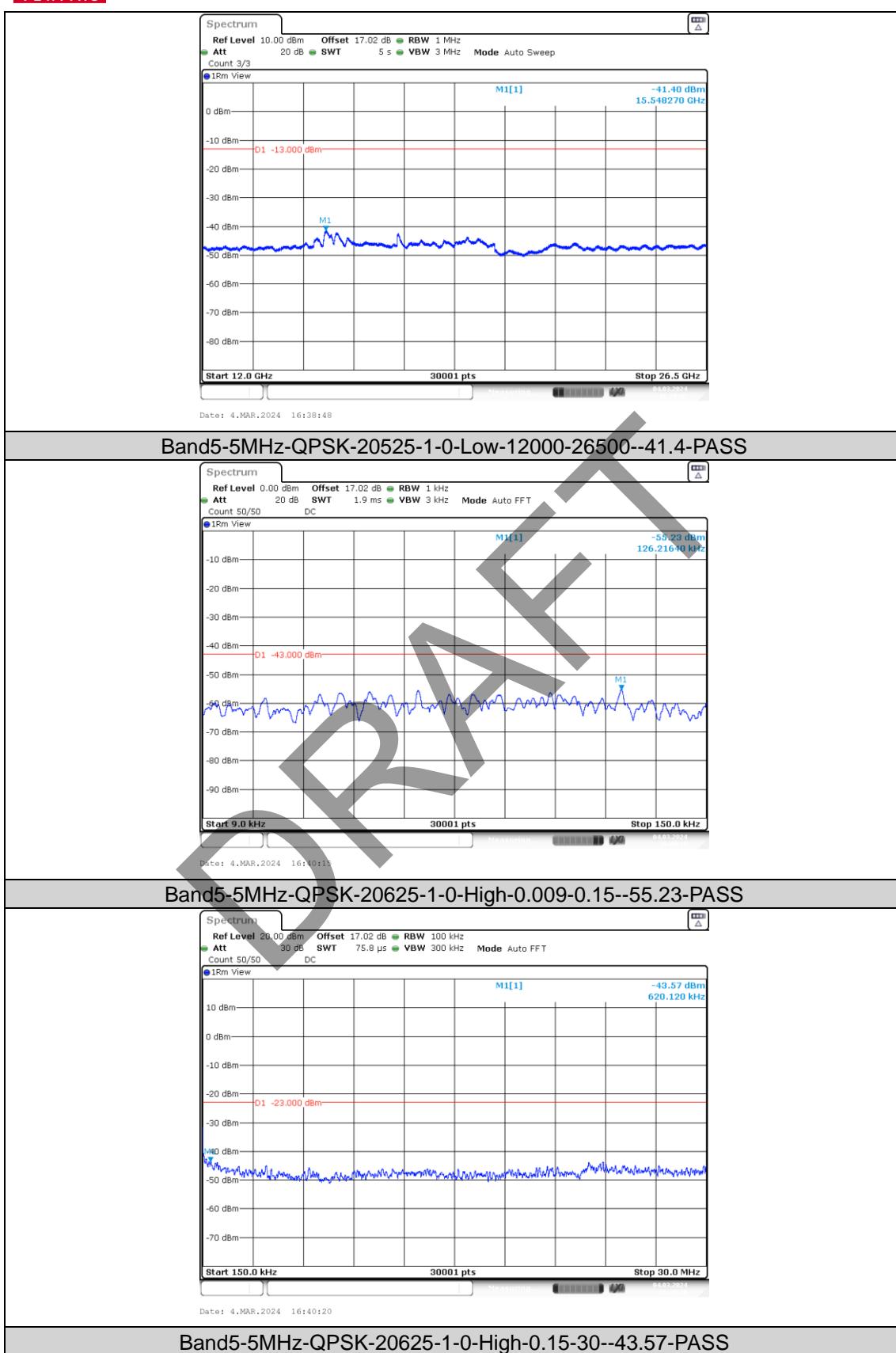
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

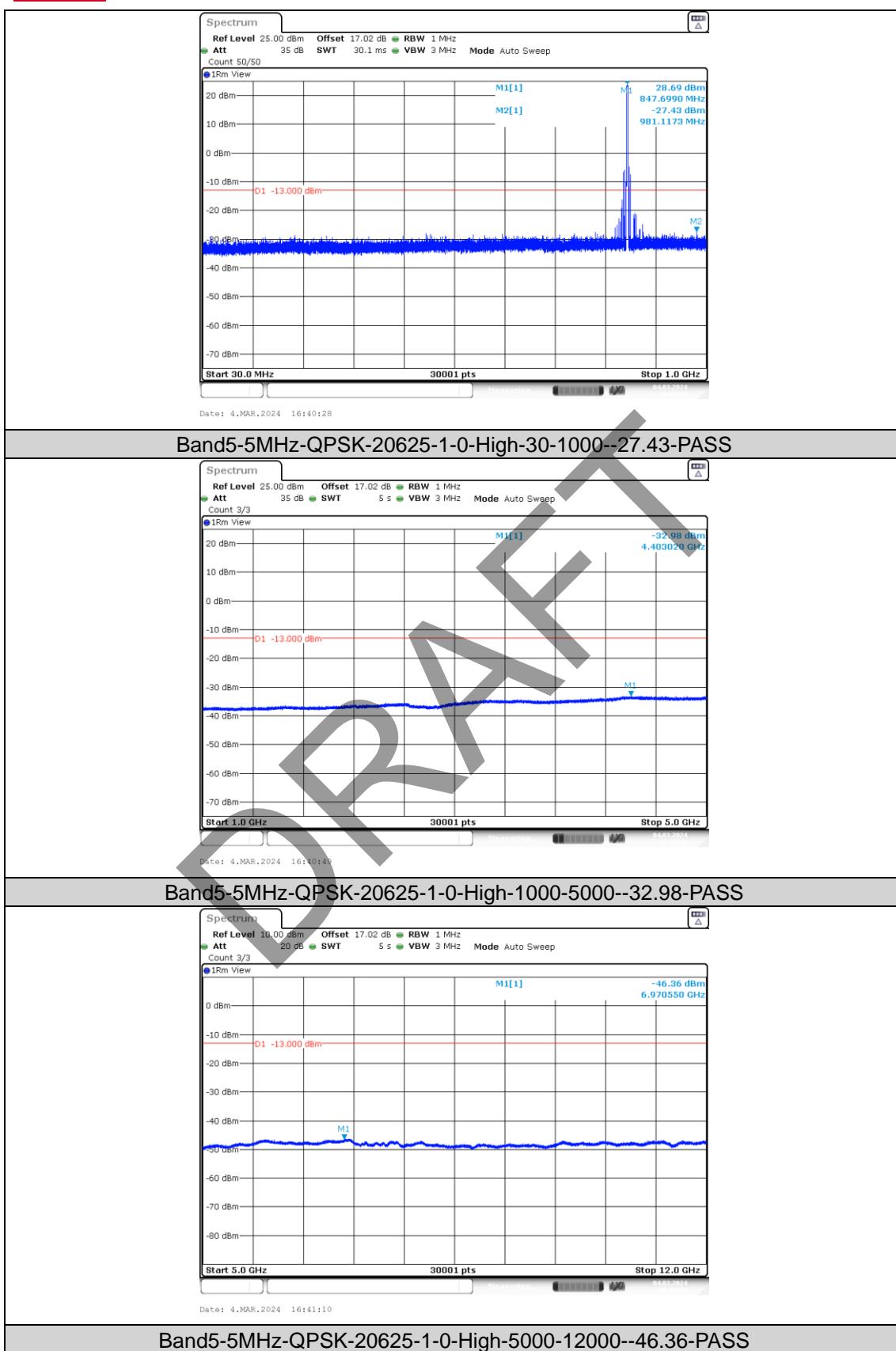
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

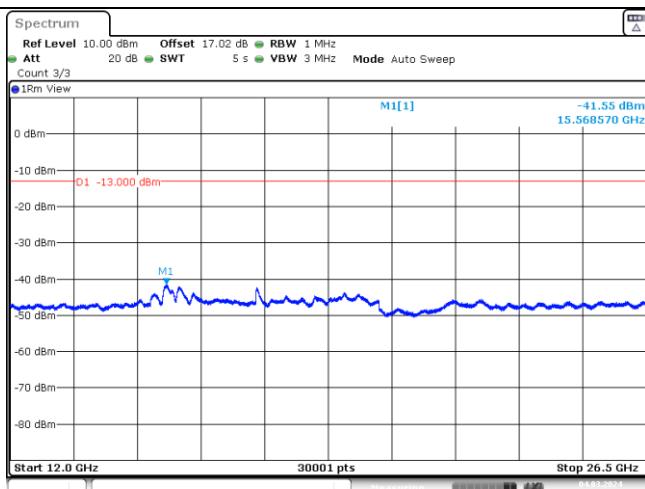
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

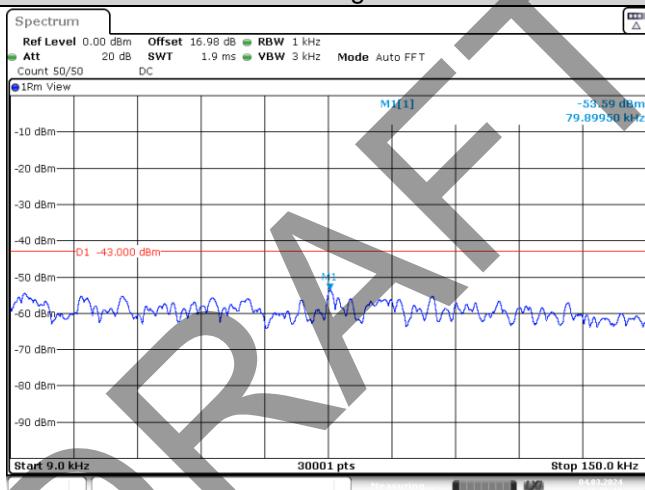


BUREAU
VERITAS

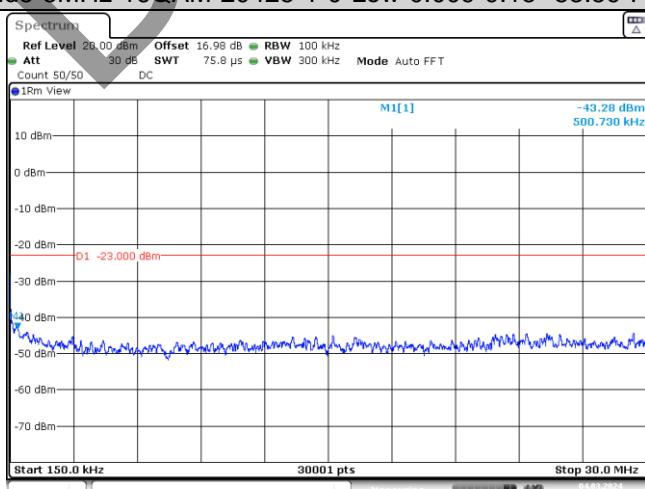
Test Report No.: W7L-P23120015RI01



Band5-5MHz-QPSK-20625-1-0-High-12000-26500--41.55-PASS



Band5-5MHz-16QAM-20425-1-0-Low-0.009-0.15--53.59-PASS



Band5-5MHz-16QAM-20425-1-0-Low-0.15-30--43.28-PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

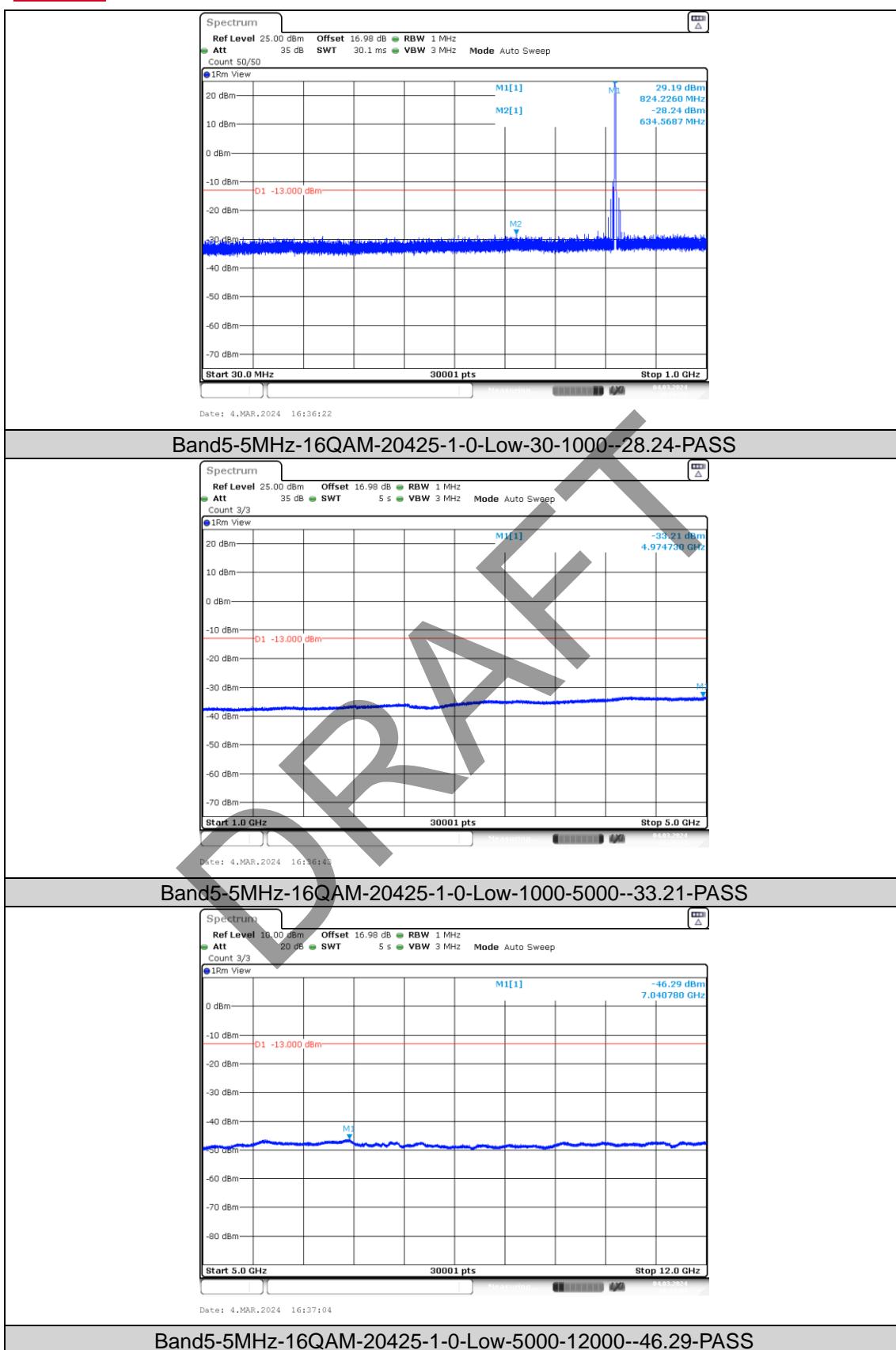
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

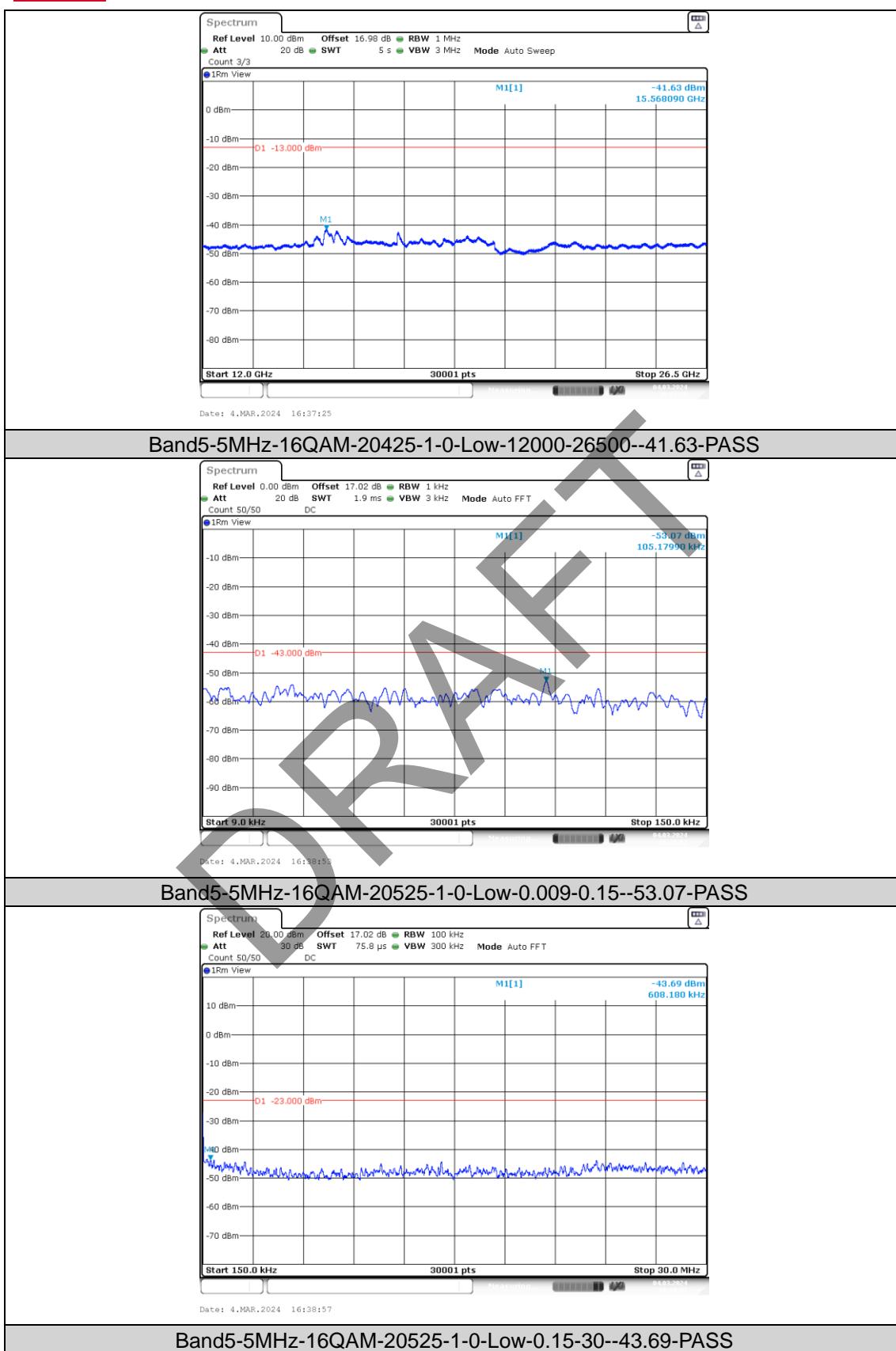
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

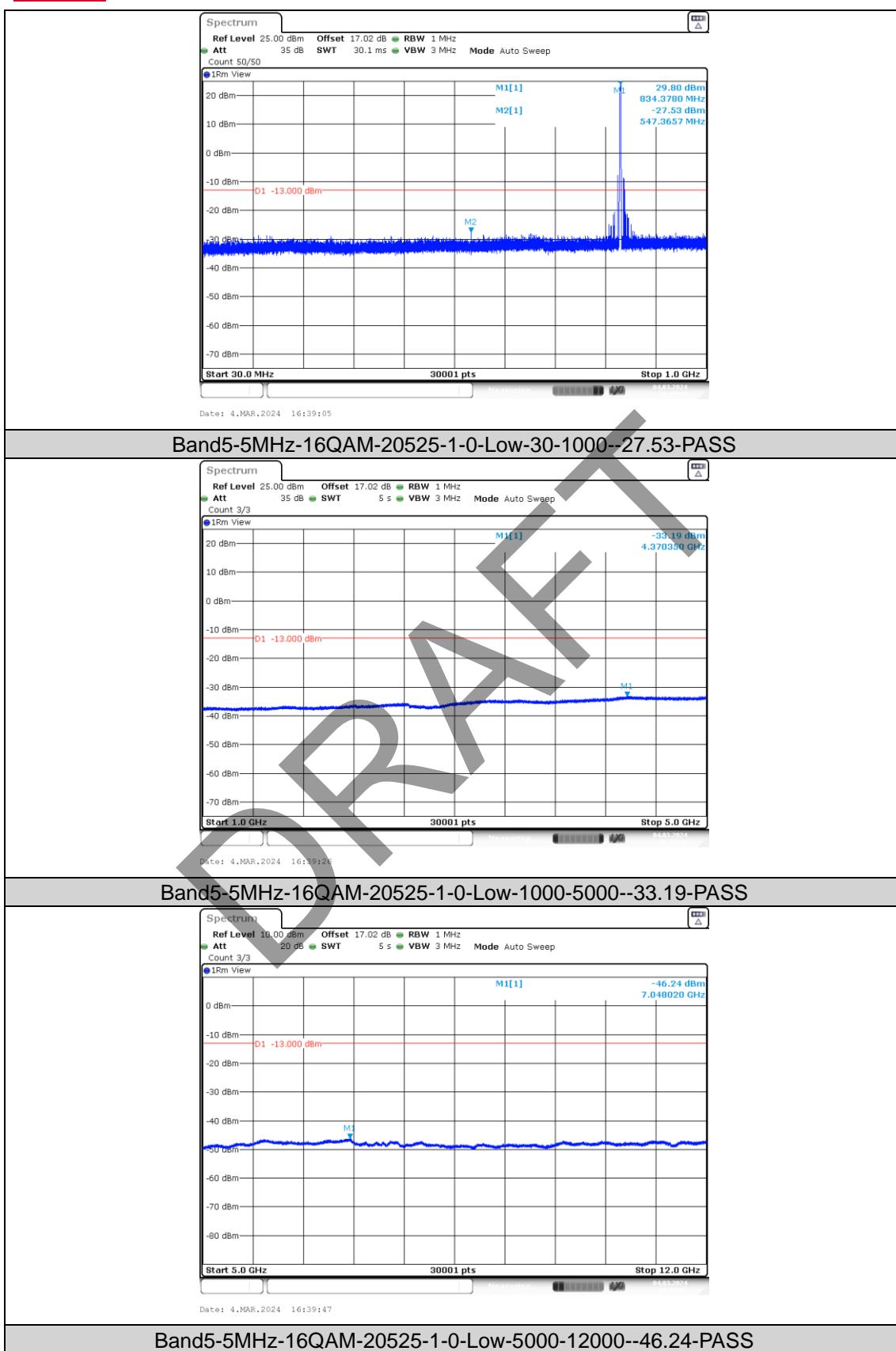
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

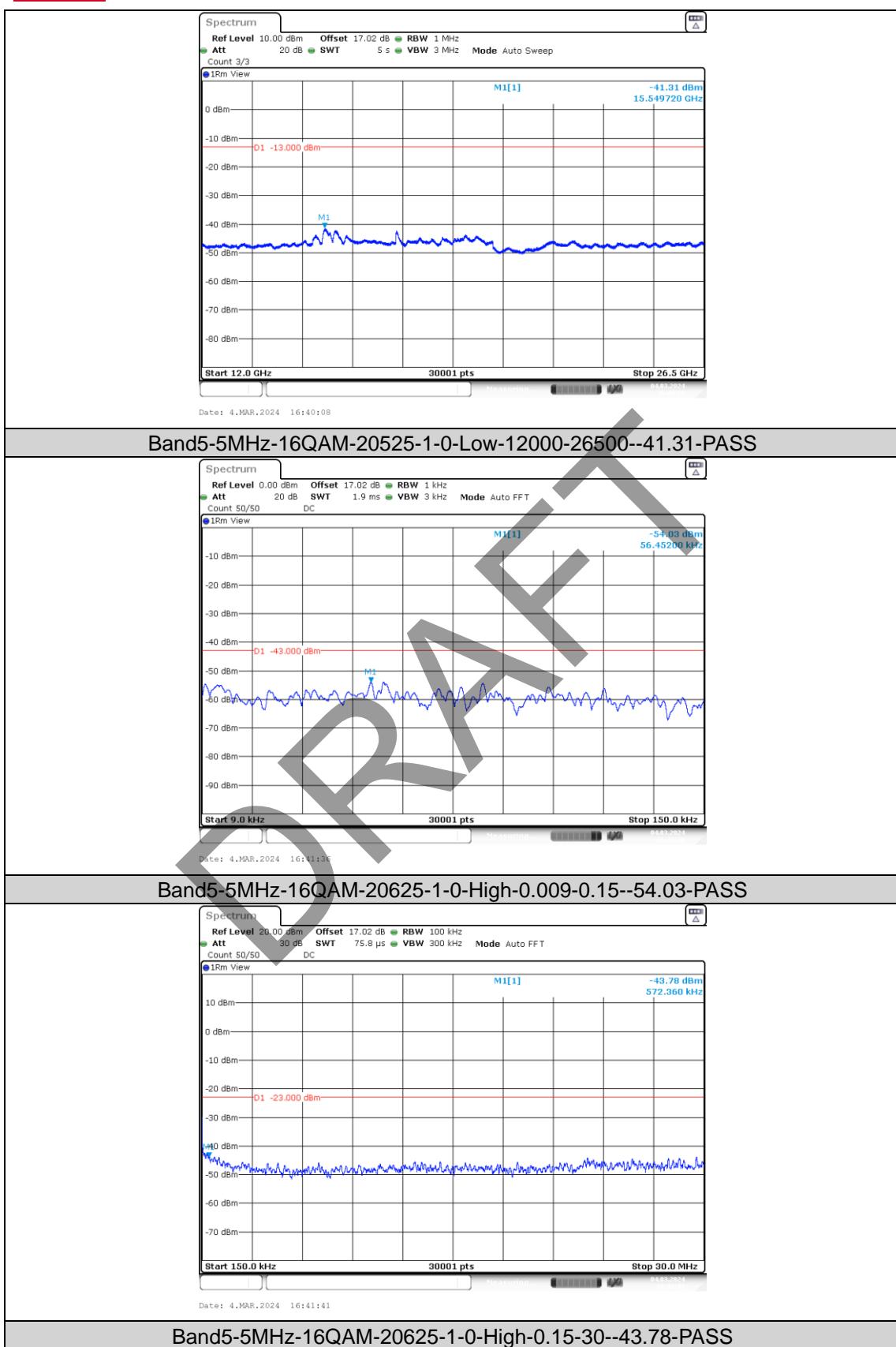
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

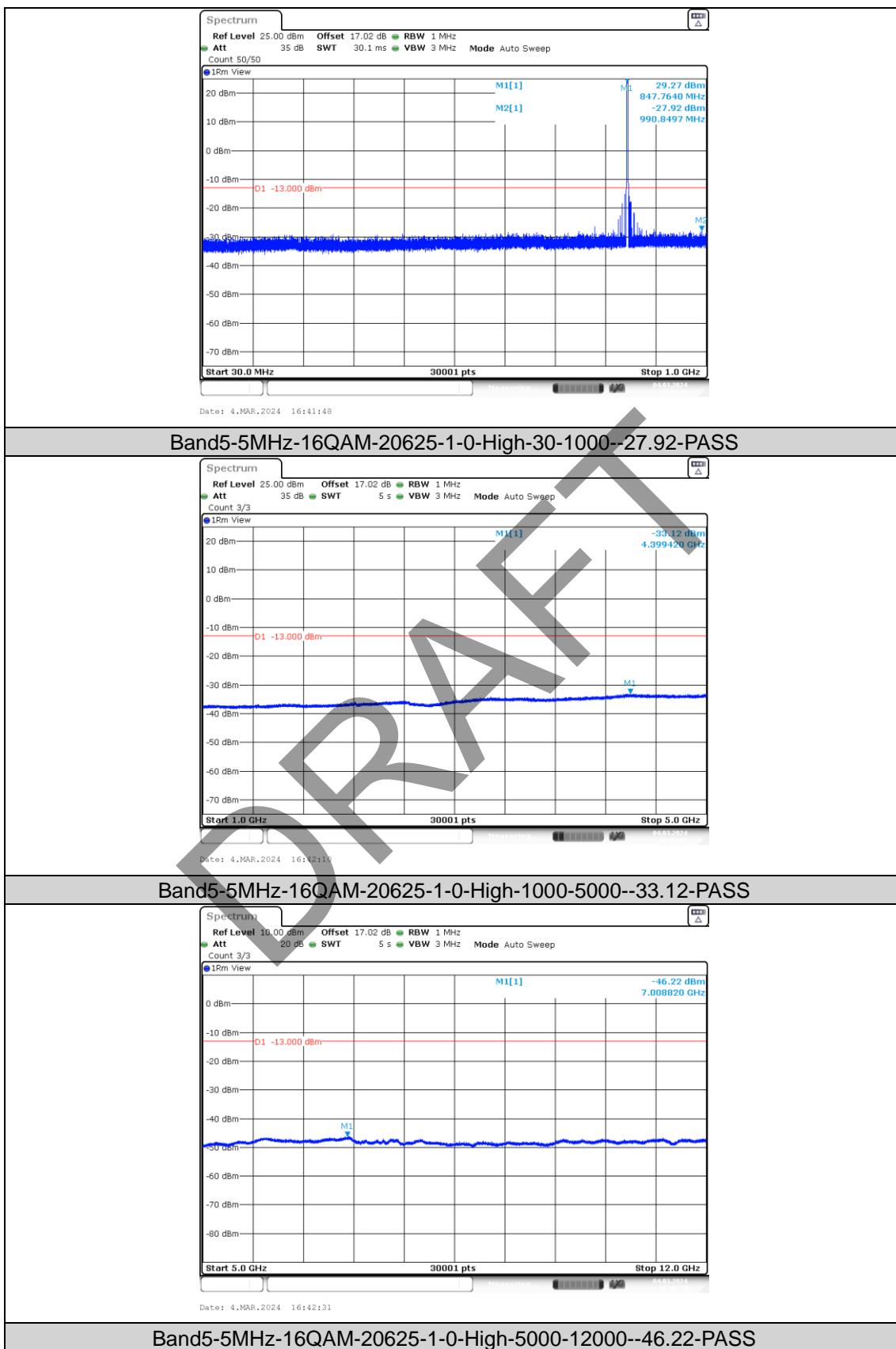
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

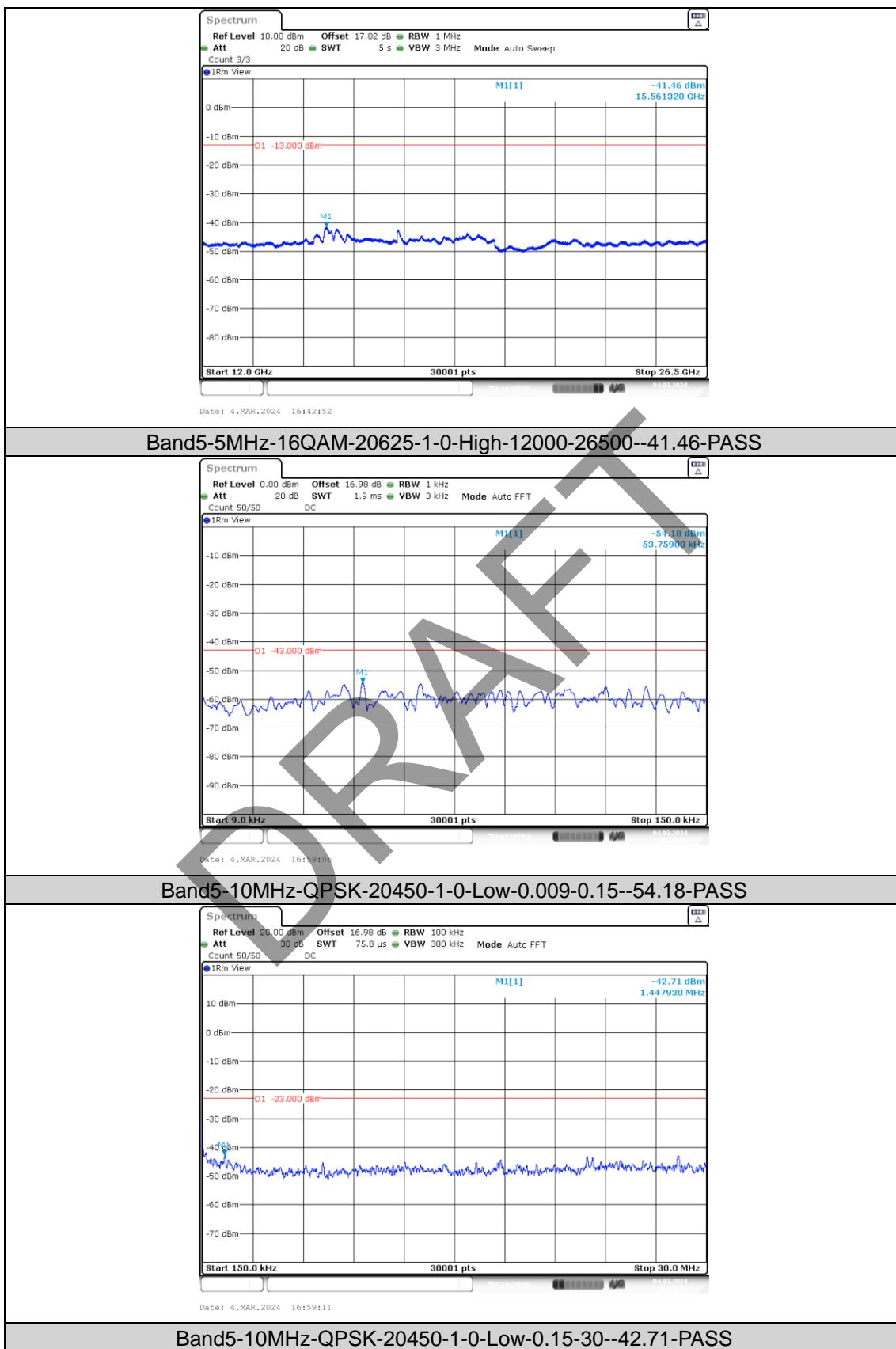
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

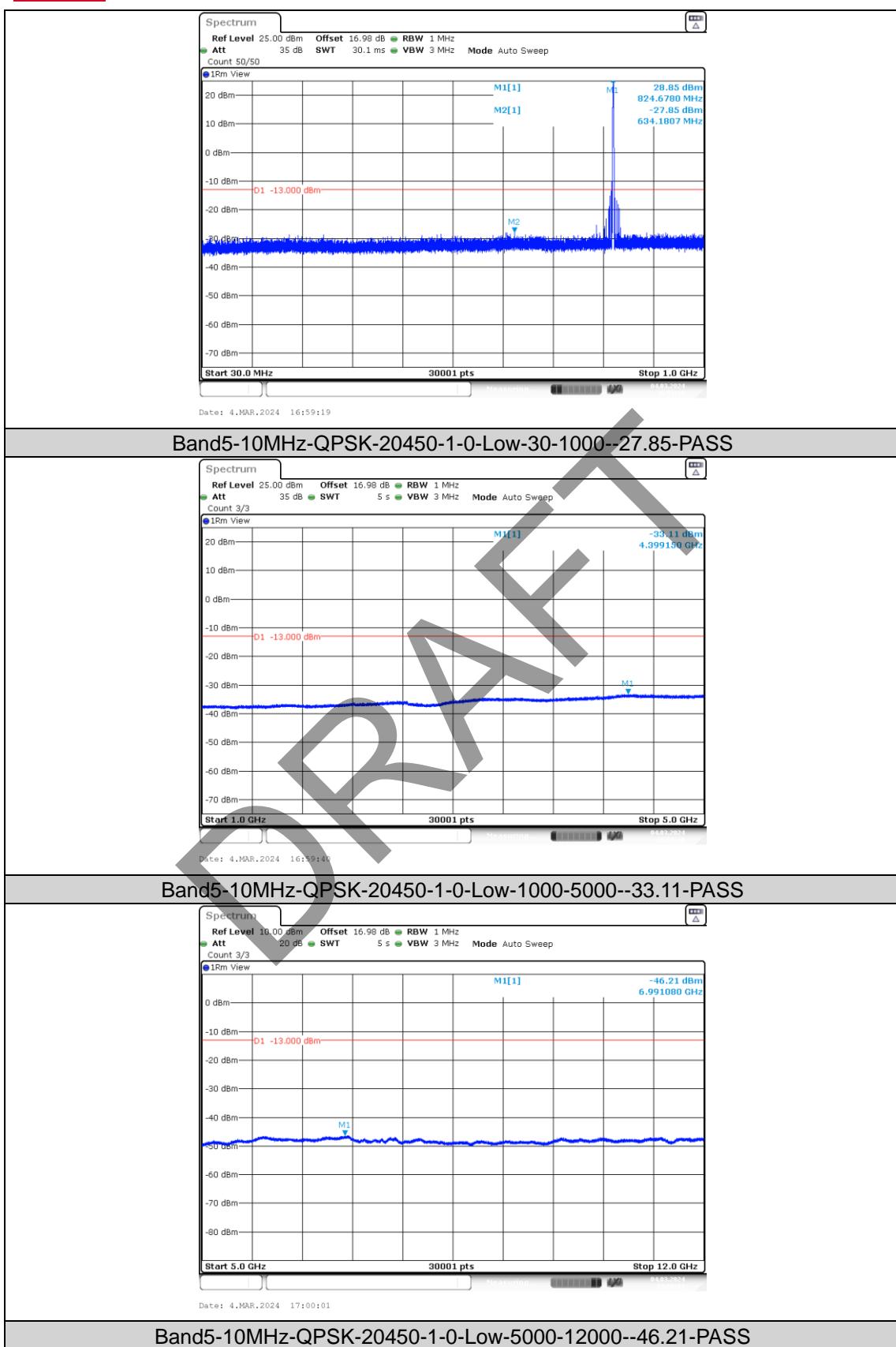
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

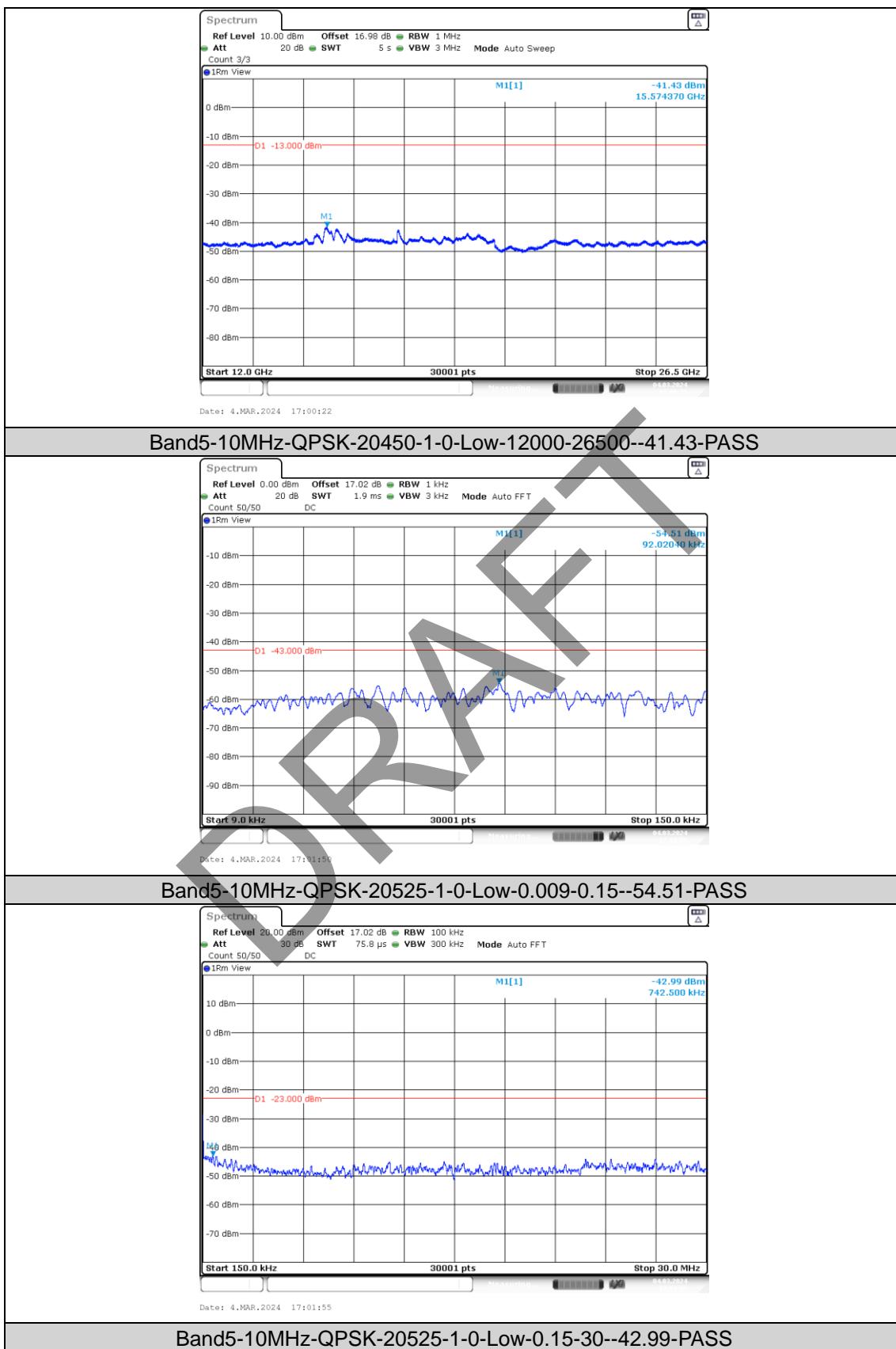
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

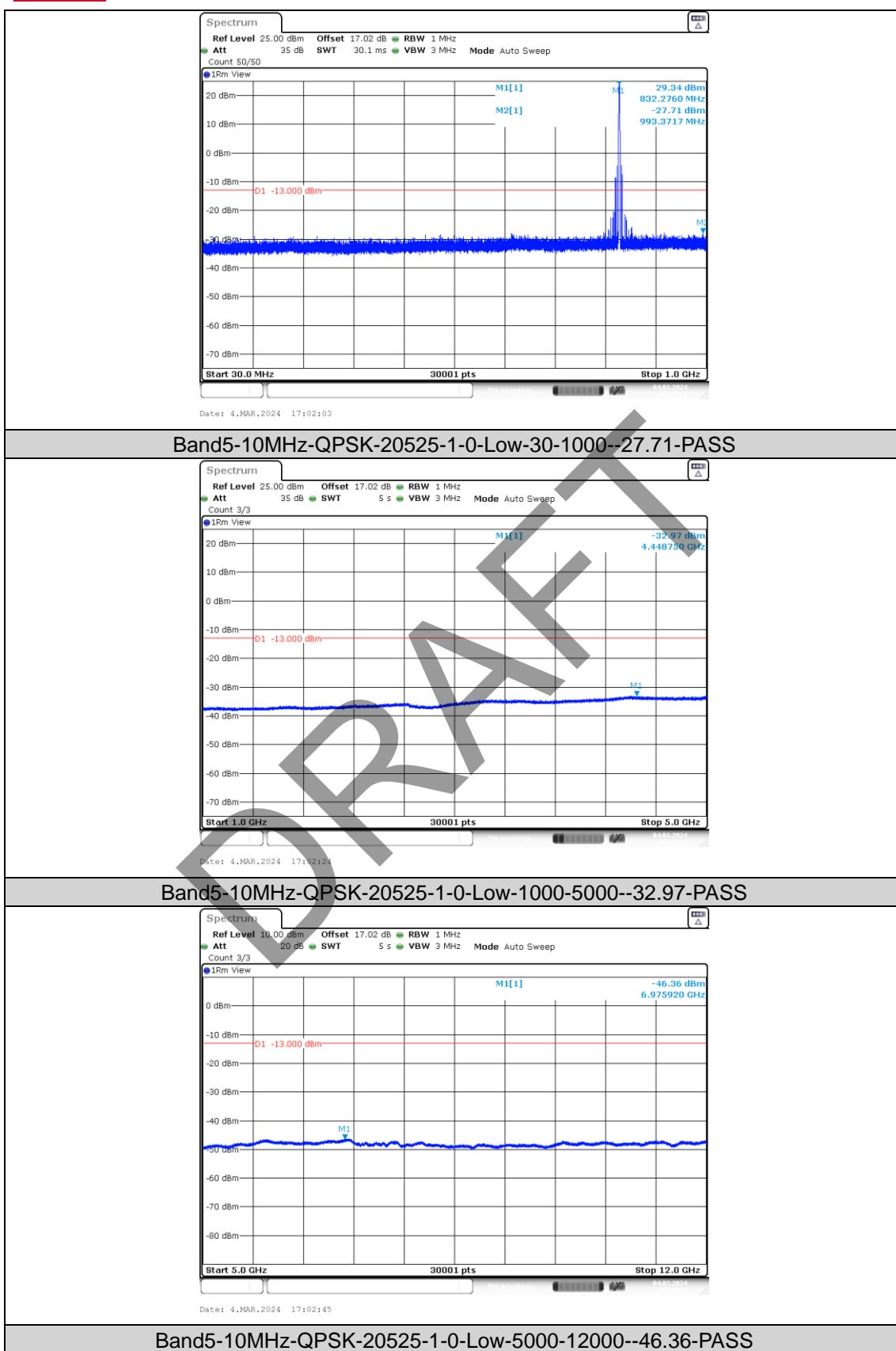
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

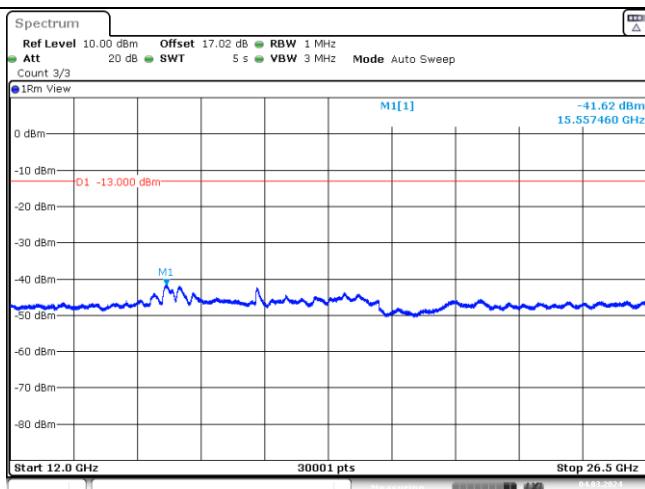
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

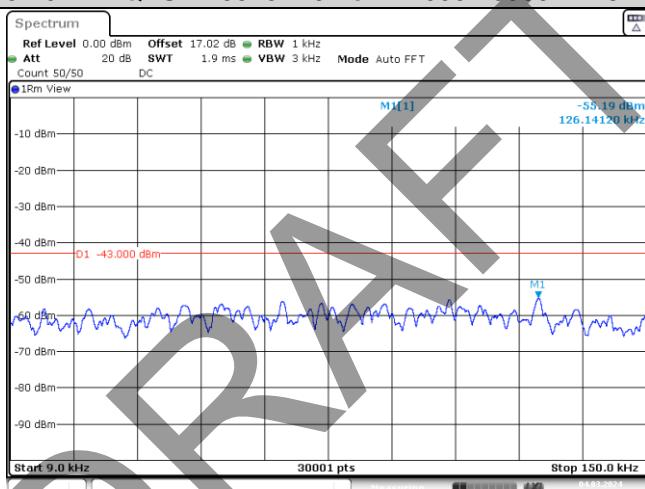


BUREAU
VERITAS

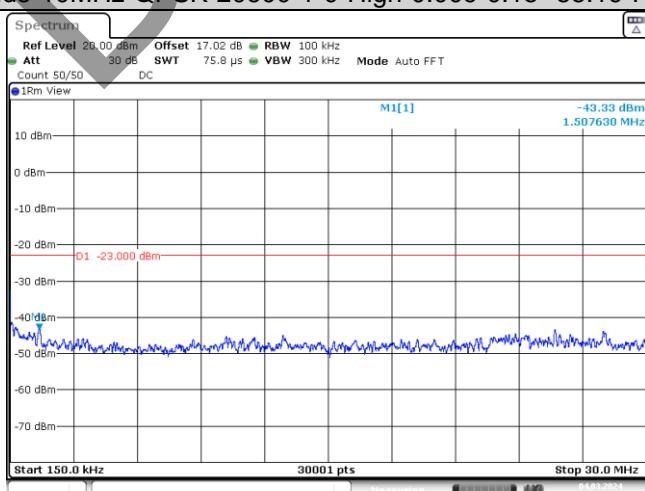
Test Report No.: W7L-P23120015RI01



Band5-10MHz-QPSK-20525-1-0-Low-12000-26500--41.62-PASS



Band5-10MHz-QPSK-20600-1-0-High-0.009-0.15--55.19-PASS



Band5-10MHz-QPSK-20600-1-0-High-0.15-30--43.33-PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

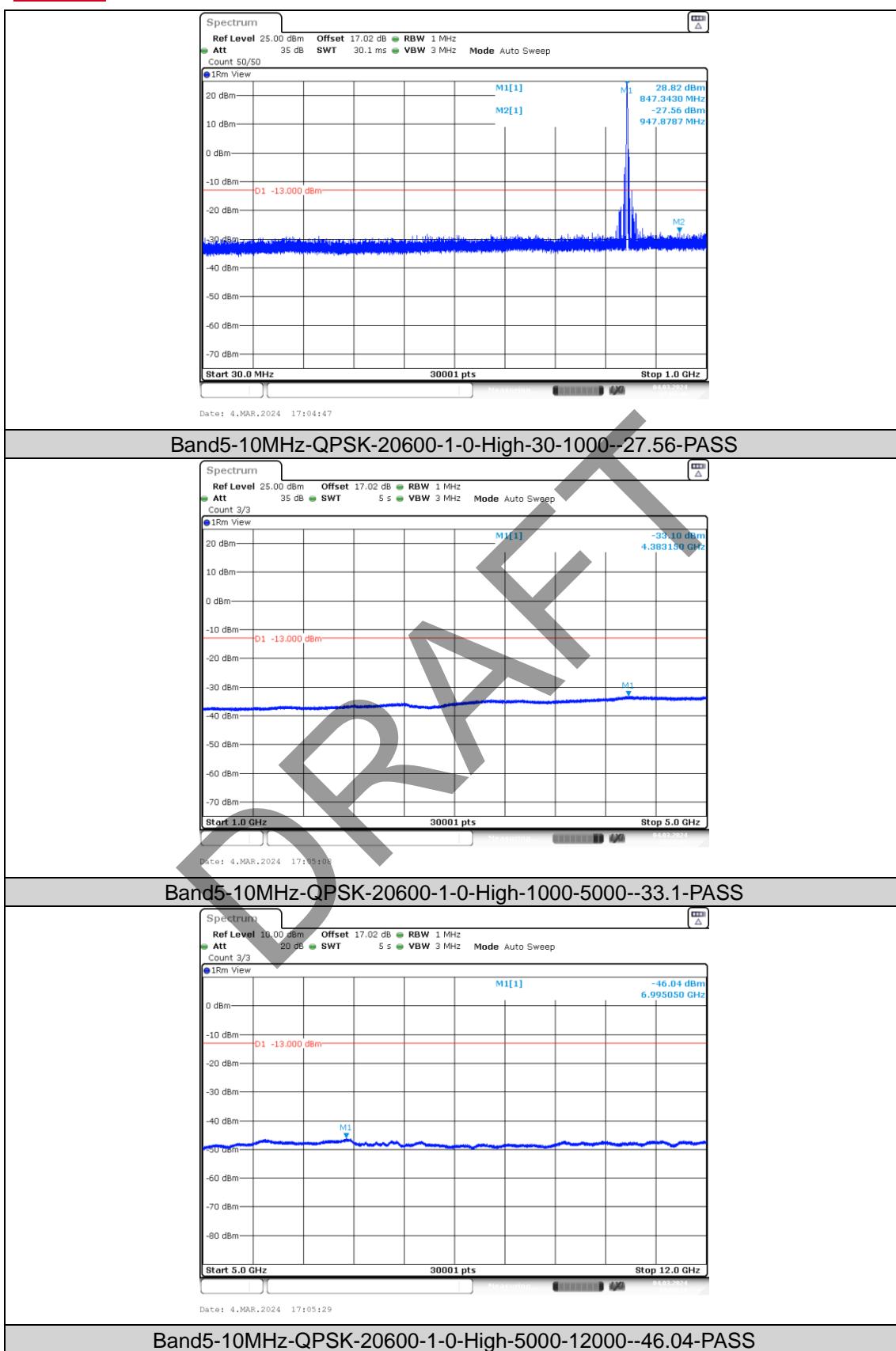
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

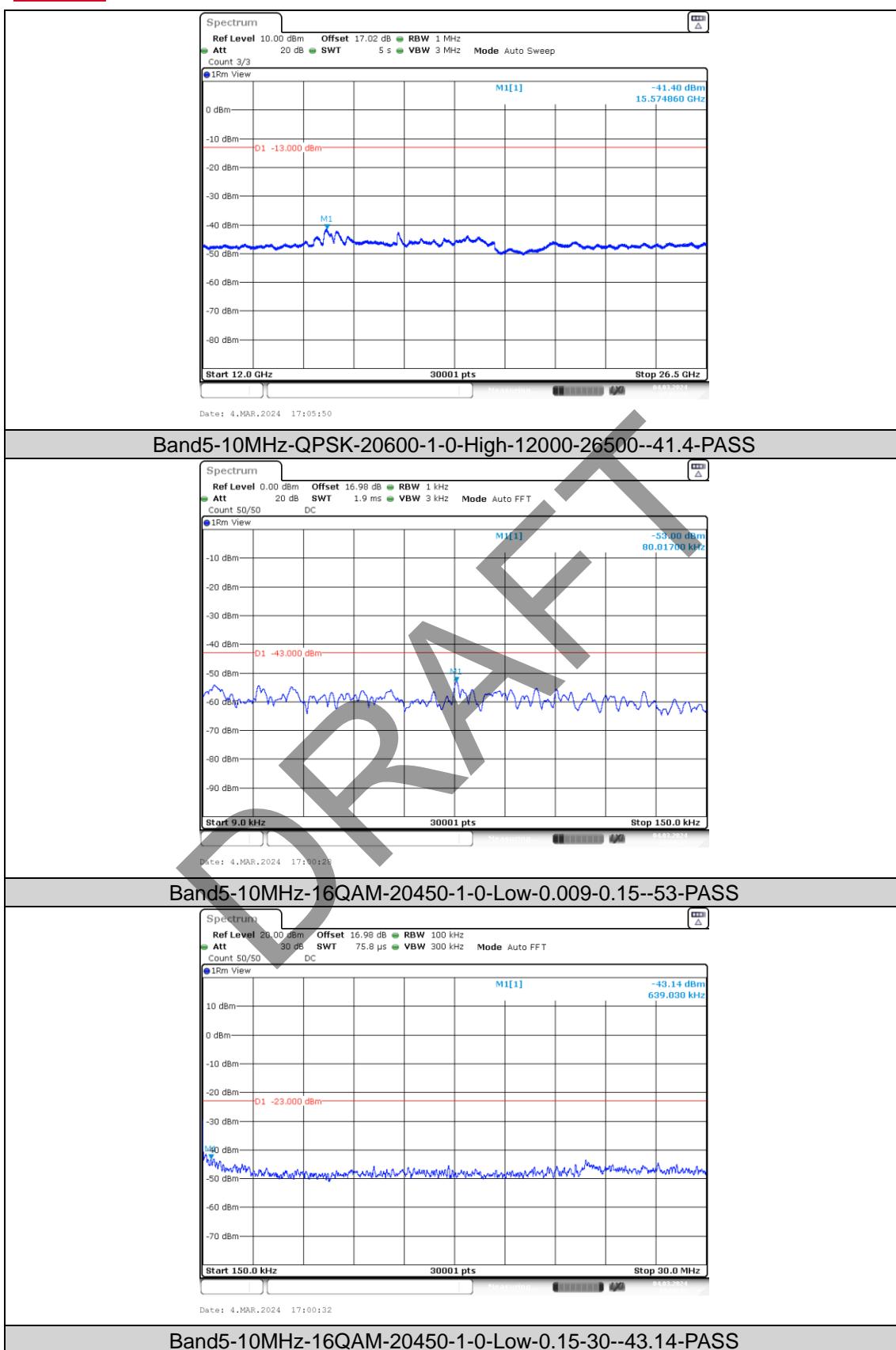
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

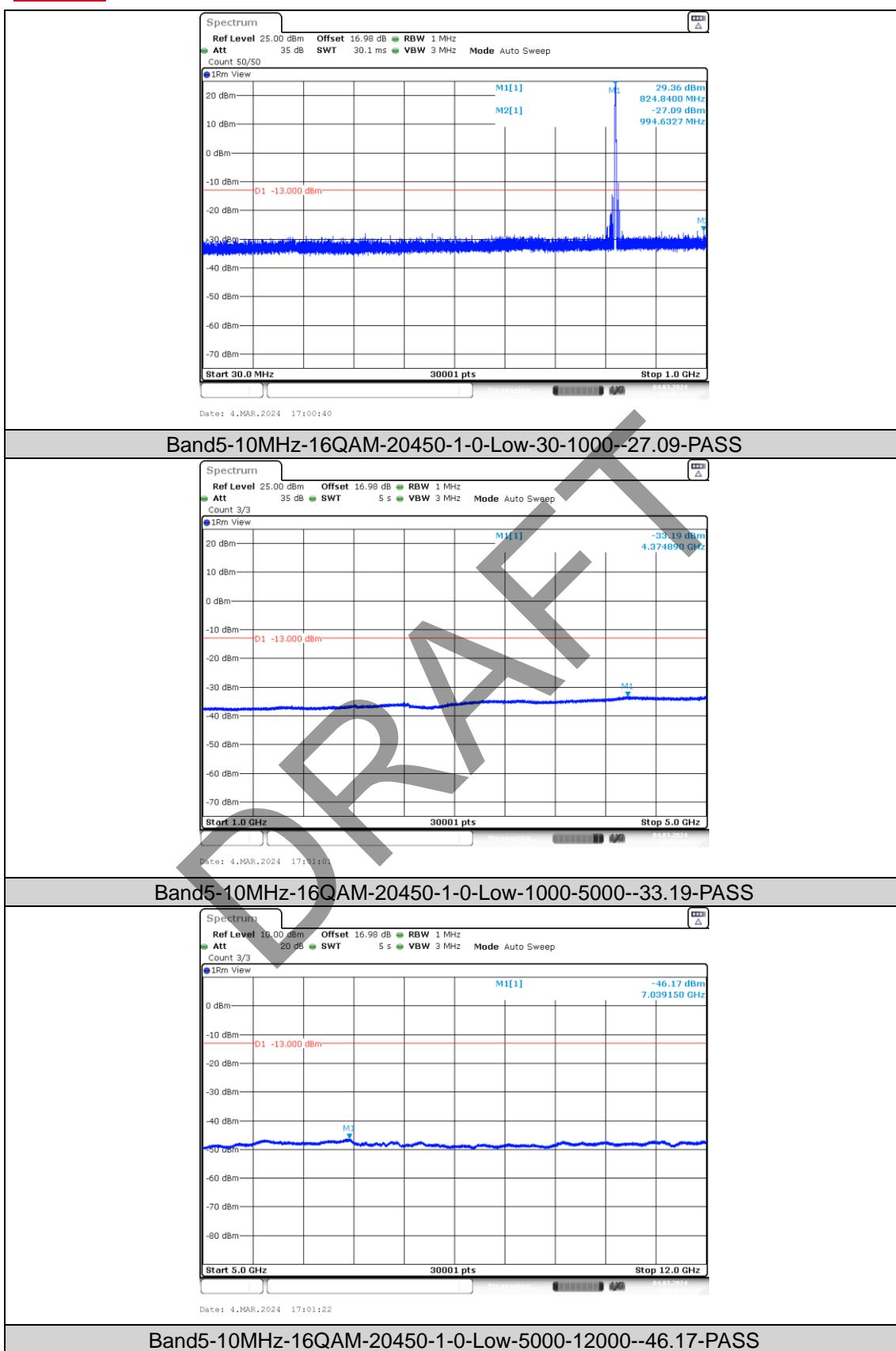
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

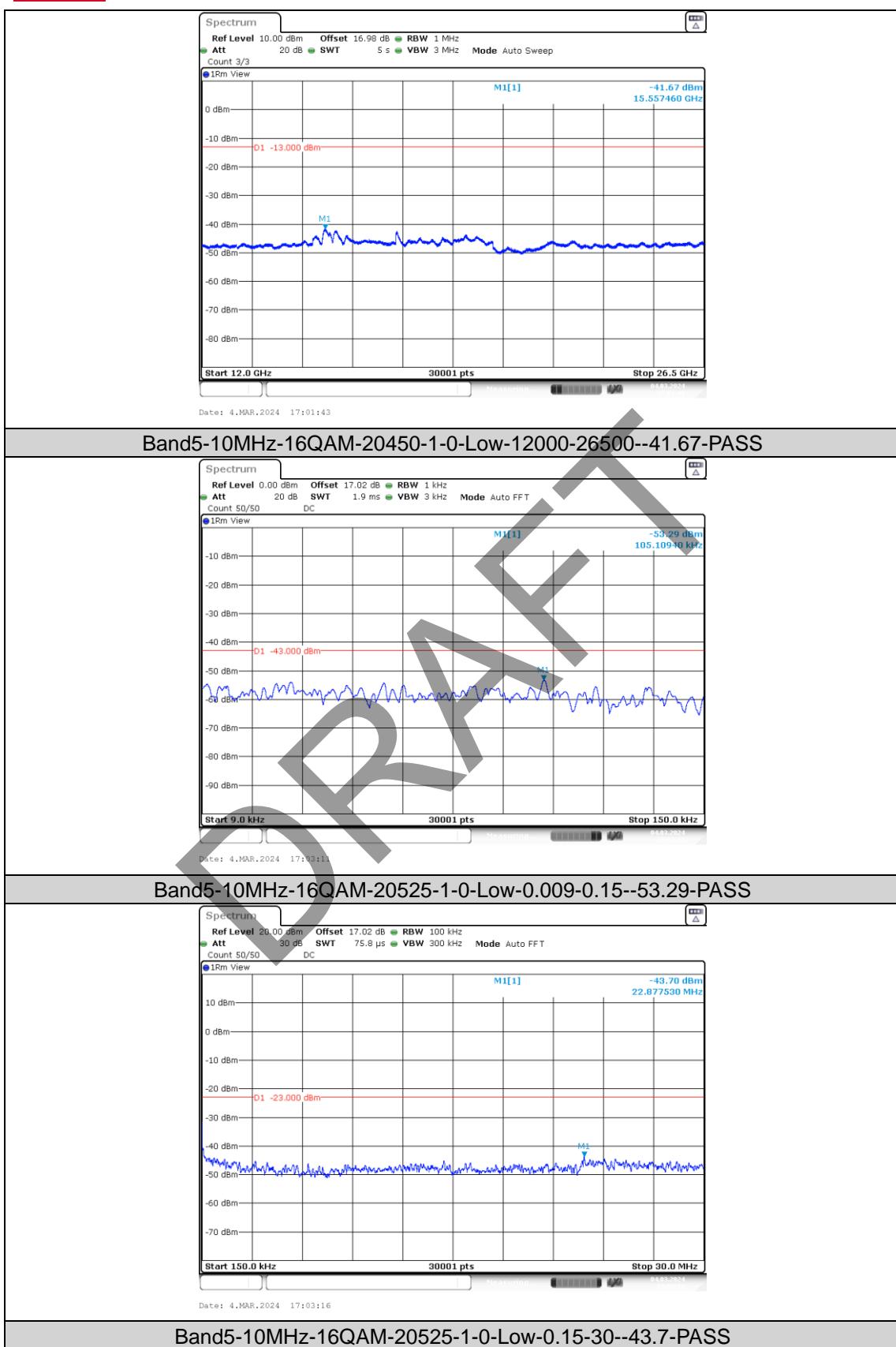
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

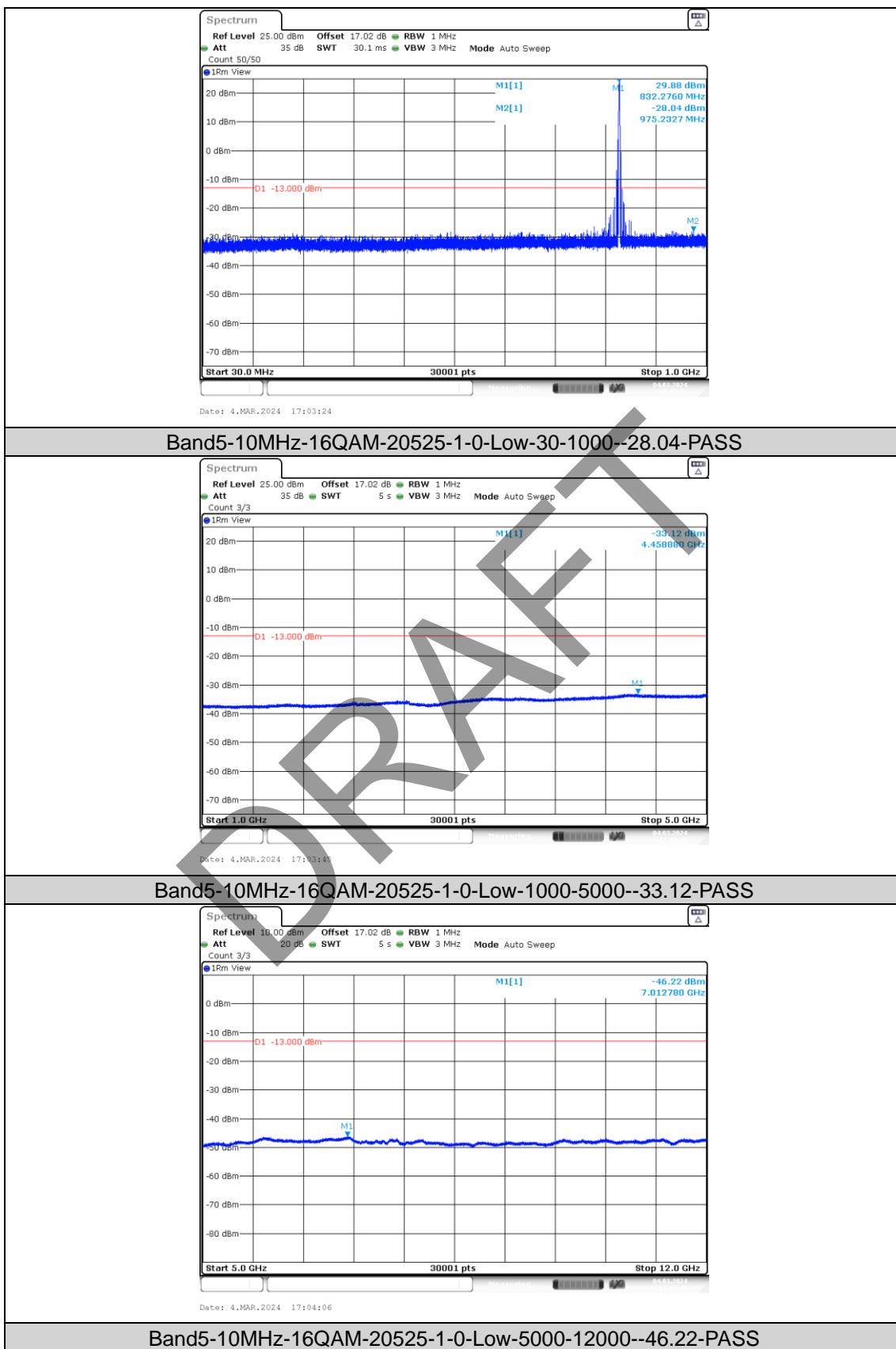
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

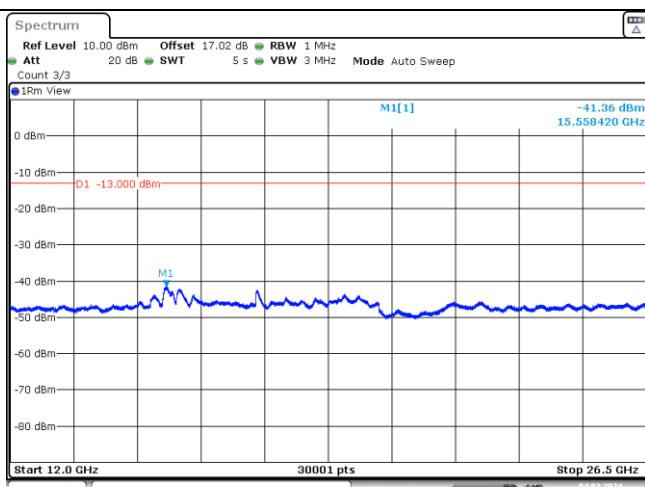
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

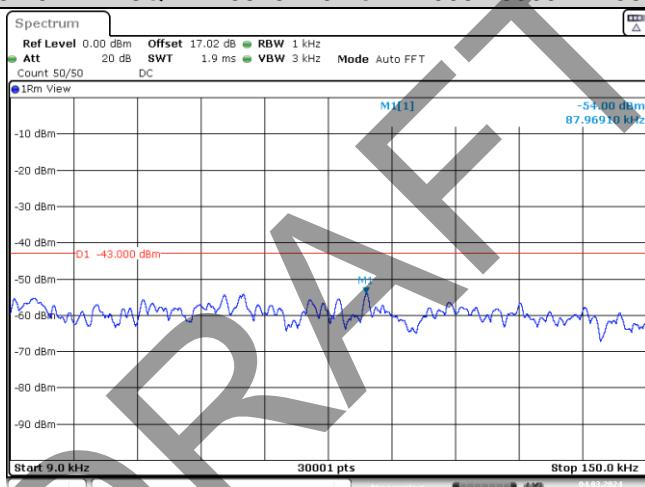


BUREAU
VERITAS

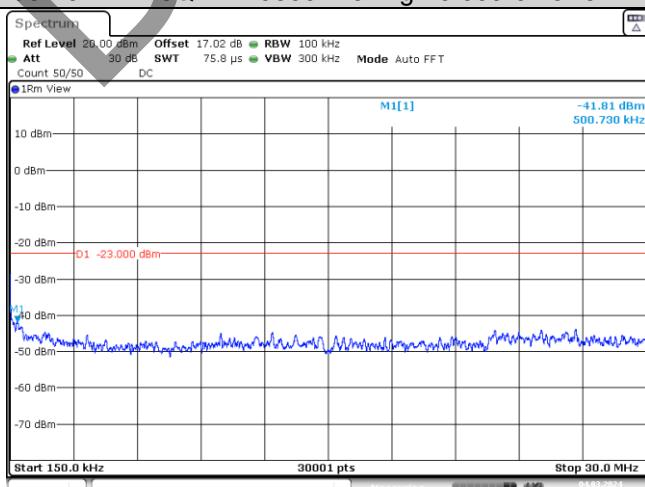
Test Report No.: W7L-P23120015RI01



Band5-10MHz-16QAM-20525-1-0-Low-12000-26500--41.36-PASS



Band5-10MHz-16QAM-20600-1-0-High-0.009-0.15--54-PASS



Band5-10MHz-16QAM-20600-1-0-High-0.15-30--41.81-PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

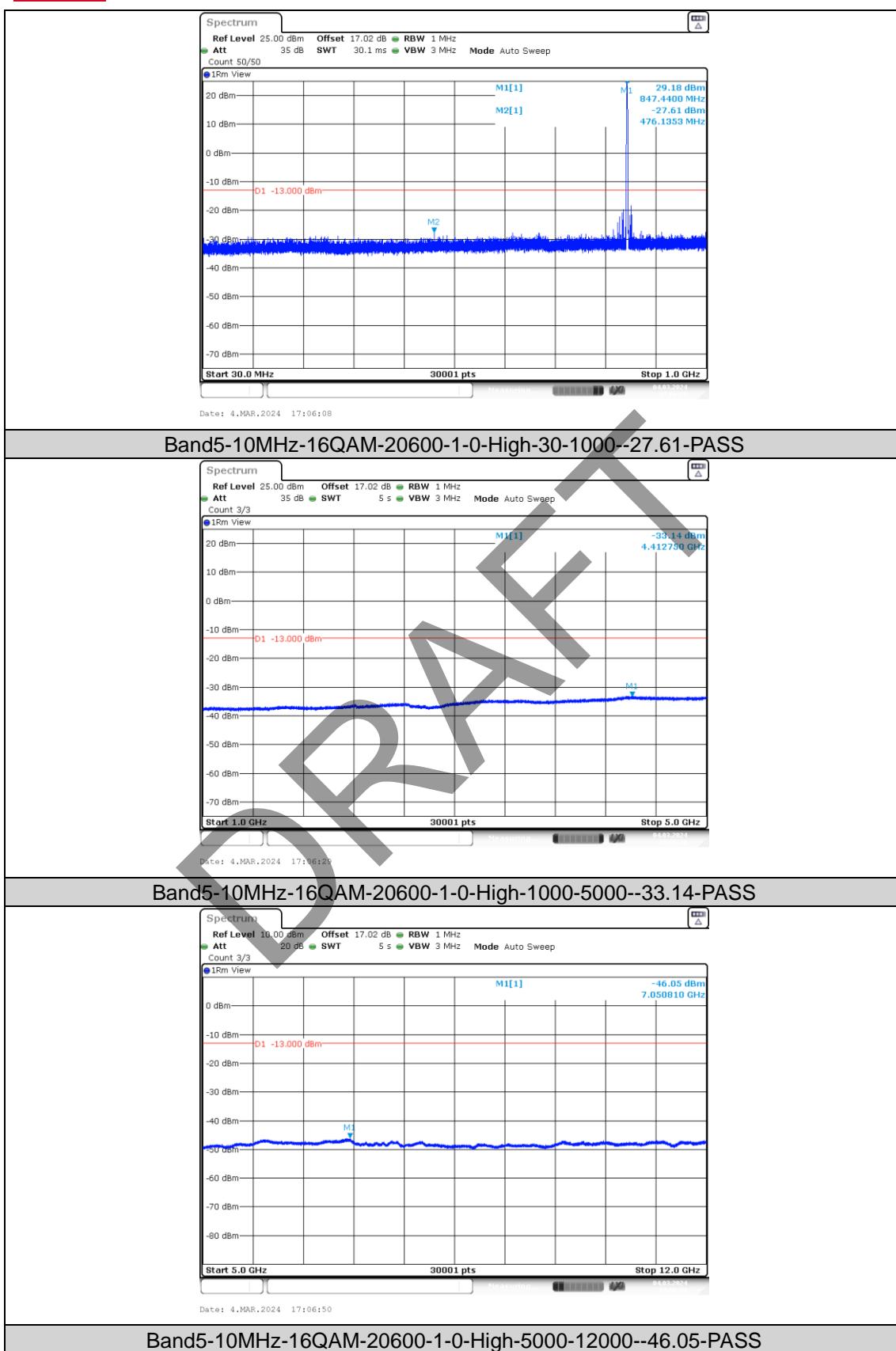
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

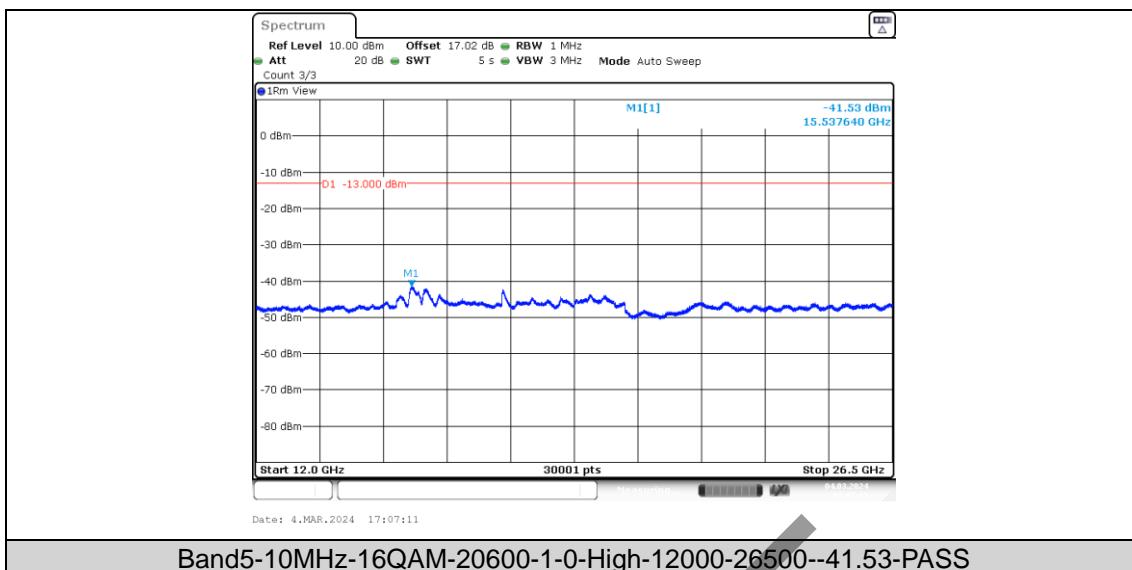
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



Band 26 Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band26	1.4MHz	26797	QPSK	1	0	Low	0.009	0.15	-55.32	PASS
Band26	1.4MHz	26797	QPSK	1	0	Low	0.15	30	-44.04	PASS
Band26	1.4MHz	26797	QPSK	1	0	Low	30	1000	-27.82	PASS
Band26	1.4MHz	26797	QPSK	1	0	Low	1000	5000	-33.03	PASS
Band26	1.4MHz	26797	QPSK	1	0	Low	5000	12000	-46.21	PASS
Band26	1.4MHz	26797	QPSK	1	0	Low	12000	26500	-41.54	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	0.009	0.15	-53.62	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	0.15	30	-42.72	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	30	1000	-27.58	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	1000	5000	-32.99	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	5000	12000	-46.1	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	12000	26500	-41.42	PASS
Band26	1.4MHz	27033	QPSK	1	0	High	0.009	0.15	-55.21	PASS
Band26	1.4MHz	27033	QPSK	1	0	High	0.15	30	-43.05	PASS
Band26	1.4MHz	27033	QPSK	1	0	High	30	1000	-27.7	PASS
Band26	1.4MHz	27033	QPSK	1	0	High	1000	5000	-32.9	PASS
Band26	1.4MHz	27033	QPSK	1	0	High	5000	12000	-46.16	PASS
Band26	1.4MHz	27033	QPSK	1	0	High	12000	26500	-41.47	PASS
Band26	1.4MHz	26797	16QAM	1	0	Low	0.009	0.15	-55.56	PASS
Band26	1.4MHz	26797	16QAM	1	0	Low	0.15	30	-42.4	PASS
Band26	1.4MHz	26797	16QAM	1	0	Low	30	1000	-27.25	PASS
Band26	1.4MHz	26797	16QAM	1	0	Low	1000	5000	-32.95	PASS
Band26	1.4MHz	26797	16QAM	1	0	Low	5000	12000	-46.12	PASS
Band26	1.4MHz	26797	16QAM	1	0	Low	12000	26500	-41.5	PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band26	1.4MHz	26915	16QAM	1	0	Low	0.009	0.15	-54.22	PASS
Band26	1.4MHz	26915	16QAM	1	0	Low	0.15	30	-43.66	PASS
Band26	1.4MHz	26915	16QAM	1	0	Low	30	1000	-27.63	PASS
Band26	1.4MHz	26915	16QAM	1	0	Low	1000	5000	-33.03	PASS
Band26	1.4MHz	26915	16QAM	1	0	Low	5000	12000	-46.12	PASS
Band26	1.4MHz	26915	16QAM	1	0	Low	12000	26500	-41.48	PASS
Band26	1.4MHz	27033	16QAM	1	0	High	0.009	0.15	-56.7	PASS
Band26	1.4MHz	27033	16QAM	1	0	High	0.15	30	-43.22	PASS
Band26	1.4MHz	27033	16QAM	1	0	High	30	1000	-27.16	PASS
Band26	1.4MHz	27033	16QAM	1	0	High	1000	5000	-32.92	PASS
Band26	1.4MHz	27033	16QAM	1	0	High	5000	12000	-46.02	PASS
Band26	1.4MHz	27033	16QAM	1	0	High	12000	26500	-41.09	PASS
Band26	3MHz	26805	QPSK	1	0	Low	0.009	0.15	-55.35	PASS
Band26	3MHz	26805	QPSK	1	0	Low	0.15	30	-42.61	PASS
Band26	3MHz	26805	QPSK	1	0	Low	30	1000	-26.77	PASS
Band26	3MHz	26805	QPSK	1	0	Low	1000	5000	-33.03	PASS
Band26	3MHz	26805	QPSK	1	0	Low	5000	12000	-46.17	PASS
Band26	3MHz	26805	QPSK	1	0	Low	12000	26500	-41.41	PASS
Band26	3MHz	26915	QPSK	1	0	Low	0.009	0.15	-53.22	PASS
Band26	3MHz	26915	QPSK	1	0	Low	0.15	30	-42.31	PASS
Band26	3MHz	26915	QPSK	1	0	Low	30	1000	-26.56	PASS
Band26	3MHz	26915	QPSK	1	0	Low	1000	5000	-32.99	PASS
Band26	3MHz	26915	QPSK	1	0	Low	5000	12000	-46.06	PASS
Band26	3MHz	26915	QPSK	1	0	Low	12000	26500	-41.24	PASS
Band26	3MHz	27025	QPSK	1	0	High	0.009	0.15	-55.17	PASS
Band26	3MHz	27025	QPSK	1	0	High	0.15	30	-42.57	PASS
Band26	3MHz	27025	QPSK	1	0	High	30	1000	-28.04	PASS
Band26	3MHz	27025	QPSK	1	0	High	1000	5000	-32.89	PASS
Band26	3MHz	27025	QPSK	1	0	High	5000	12000	-46.05	PASS
Band26	3MHz	27025	QPSK	1	0	High	12000	26500	-41.12	PASS
Band26	3MHz	26805	16QAM	1	0	Low	0.009	0.15	-55.61	PASS
Band26	3MHz	26805	16QAM	1	0	Low	0.15	30	-43.17	PASS
Band26	3MHz	26805	16QAM	1	0	Low	30	1000	-27.32	PASS
Band26	3MHz	26805	16QAM	1	0	Low	1000	5000	-32.84	PASS
Band26	3MHz	26805	16QAM	1	0	Low	5000	12000	-46.2	PASS
Band26	3MHz	26805	16QAM	1	0	Low	12000	26500	-41.34	PASS
Band26	3MHz	26915	16QAM	1	0	Low	0.009	0.15	-54.15	PASS
Band26	3MHz	26915	16QAM	1	0	Low	0.15	30	-41.33	PASS
Band26	3MHz	26915	16QAM	1	0	Low	30	1000	-27.58	PASS
Band26	3MHz	26915	16QAM	1	0	Low	1000	5000	-33	PASS
Band26	3MHz	26915	16QAM	1	0	Low	5000	12000	-45.91	PASS
Band26	3MHz	26915	16QAM	1	0	Low	12000	26500	-41.37	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band26	3MHz	27025	16QAM	1	0	High	0.009	0.15	-56.11	PASS
Band26	3MHz	27025	16QAM	1	0	High	0.15	30	-43.58	PASS
Band26	3MHz	27025	16QAM	1	0	High	30	1000	-28.21	PASS
Band26	3MHz	27025	16QAM	1	0	High	1000	5000	-32.93	PASS
Band26	3MHz	27025	16QAM	1	0	High	5000	12000	-46.15	PASS
Band26	3MHz	27025	16QAM	1	0	High	12000	26500	-41.29	PASS
Band26	5MHz	26815	QPSK	1	0	Low	0.009	0.15	-55.26	PASS
Band26	5MHz	26815	QPSK	1	0	Low	0.15	30	-43.62	PASS
Band26	5MHz	26815	QPSK	1	0	Low	30	1000	-26.98	PASS
Band26	5MHz	26815	QPSK	1	0	Low	1000	5000	-32.72	PASS
Band26	5MHz	26815	QPSK	1	0	Low	5000	12000	-46.18	PASS
Band26	5MHz	26815	QPSK	1	0	Low	12000	26500	-41.45	PASS
Band26	5MHz	26915	QPSK	1	0	Low	0.009	0.15	-53.6	PASS
Band26	5MHz	26915	QPSK	1	0	Low	0.15	30	-43.35	PASS
Band26	5MHz	26915	QPSK	1	0	Low	30	1000	-27.46	PASS
Band26	5MHz	26915	QPSK	1	0	Low	1000	5000	-32.83	PASS
Band26	5MHz	26915	QPSK	1	0	Low	5000	12000	-46.17	PASS
Band26	5MHz	26915	QPSK	1	0	Low	12000	26500	-41.5	PASS
Band26	5MHz	27015	QPSK	1	0	High	0.009	0.15	-53.78	PASS
Band26	5MHz	27015	QPSK	1	0	High	0.15	30	-42.18	PASS
Band26	5MHz	27015	QPSK	1	0	High	30	1000	-27.74	PASS
Band26	5MHz	27015	QPSK	1	0	High	1000	5000	-32.91	PASS
Band26	5MHz	27015	QPSK	1	0	High	5000	12000	-46.17	PASS
Band26	5MHz	27015	QPSK	1	0	High	12000	26500	-41.35	PASS
Band26	5MHz	26815	16QAM	1	0	Low	0.009	0.15	-53.64	PASS
Band26	5MHz	26815	16QAM	1	0	Low	0.15	30	-42.94	PASS
Band26	5MHz	26815	16QAM	1	0	Low	30	1000	-27.04	PASS
Band26	5MHz	26815	16QAM	1	0	Low	1000	5000	-33.03	PASS
Band26	5MHz	26815	16QAM	1	0	Low	5000	12000	-46.18	PASS
Band26	5MHz	26815	16QAM	1	0	Low	12000	26500	-41.35	PASS
Band26	5MHz	26915	16QAM	1	0	Low	0.009	0.15	-52.51	PASS
Band26	5MHz	26915	16QAM	1	0	Low	0.15	30	-43.51	PASS
Band26	5MHz	26915	16QAM	1	0	Low	30	1000	-27.43	PASS
Band26	5MHz	26915	16QAM	1	0	Low	1000	5000	-32.81	PASS
Band26	5MHz	26915	16QAM	1	0	Low	5000	12000	-45.92	PASS
Band26	5MHz	26915	16QAM	1	0	Low	12000	26500	-41.45	PASS
Band26	5MHz	27015	16QAM	1	0	High	0.009	0.15	-53.19	PASS
Band26	5MHz	27015	16QAM	1	0	High	0.15	30	-41.51	PASS
Band26	5MHz	27015	16QAM	1	0	High	30	1000	-27.83	PASS
Band26	5MHz	27015	16QAM	1	0	High	1000	5000	-32.99	PASS
Band26	5MHz	27015	16QAM	1	0	High	5000	12000	-46.15	PASS
Band26	5MHz	27015	16QAM	1	0	High	12000	26500	-41.39	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band26	10MHz	26840	QPSK	1	0	Low	0.009	0.15	-55.24	PASS
Band26	10MHz	26840	QPSK	1	0	Low	0.15	30	-42.54	PASS
Band26	10MHz	26840	QPSK	1	0	Low	30	1000	-28.05	PASS
Band26	10MHz	26840	QPSK	1	0	Low	1000	5000	-33.01	PASS
Band26	10MHz	26840	QPSK	1	0	Low	5000	12000	-46.22	PASS
Band26	10MHz	26840	QPSK	1	0	Low	12000	26500	-41.31	PASS
Band26	10MHz	26915	QPSK	1	0	Low	0.009	0.15	-53.15	PASS
Band26	10MHz	26915	QPSK	1	0	Low	0.15	30	-43.35	PASS
Band26	10MHz	26915	QPSK	1	0	Low	30	1000	-27.82	PASS
Band26	10MHz	26915	QPSK	1	0	Low	1000	5000	-32.81	PASS
Band26	10MHz	26915	QPSK	1	0	Low	5000	12000	-46.11	PASS
Band26	10MHz	26915	QPSK	1	0	Low	12000	26500	-41.36	PASS
Band26	10MHz	26990	QPSK	1	0	High	0.009	0.15	-54.01	PASS
Band26	10MHz	26990	QPSK	1	0	High	0.15	30	-41.85	PASS
Band26	10MHz	26990	QPSK	1	0	High	30	1000	-27.85	PASS
Band26	10MHz	26990	QPSK	1	0	High	1000	5000	-32.86	PASS
Band26	10MHz	26990	QPSK	1	0	High	5000	12000	-45.99	PASS
Band26	10MHz	26990	QPSK	1	0	High	12000	26500	-41.18	PASS
Band26	10MHz	26840	16QAM	1	0	Low	0.009	0.15	-53.77	PASS
Band26	10MHz	26840	16QAM	1	0	Low	0.15	30	-44.16	PASS
Band26	10MHz	26840	16QAM	1	0	Low	30	1000	-27.79	PASS
Band26	10MHz	26840	16QAM	1	0	Low	1000	5000	-33.09	PASS
Band26	10MHz	26840	16QAM	1	0	Low	5000	12000	-46.18	PASS
Band26	10MHz	26840	16QAM	1	0	Low	12000	26500	-41.39	PASS
Band26	10MHz	26915	16QAM	1	0	Low	0.009	0.15	-52.38	PASS
Band26	10MHz	26915	16QAM	1	0	Low	0.15	30	-43.51	PASS
Band26	10MHz	26915	16QAM	1	0	Low	30	1000	-27.86	PASS
Band26	10MHz	26915	16QAM	1	0	Low	1000	5000	-33.02	PASS
Band26	10MHz	26915	16QAM	1	0	Low	5000	12000	-46.1	PASS
Band26	10MHz	26915	16QAM	1	0	Low	12000	26500	-41.37	PASS
Band26	10MHz	26990	16QAM	1	0	High	0.009	0.15	-55.06	PASS
Band26	10MHz	26990	16QAM	1	0	High	0.15	30	-43.63	PASS
Band26	10MHz	26990	16QAM	1	0	High	30	1000	-27.51	PASS
Band26	10MHz	26990	16QAM	1	0	High	1000	5000	-32.83	PASS
Band26	10MHz	26990	16QAM	1	0	High	5000	12000	-46.17	PASS
Band26	10MHz	26990	16QAM	1	0	High	12000	26500	-41.2	PASS
Band26	15MHz	26865	QPSK	1	0	Low	0.009	0.15	-53.72	PASS
Band26	15MHz	26865	QPSK	1	0	Low	0.15	30	-42.88	PASS
Band26	15MHz	26865	QPSK	1	0	Low	30	1000	-28	PASS
Band26	15MHz	26865	QPSK	1	0	Low	1000	5000	-33.05	PASS
Band26	15MHz	26865	QPSK	1	0	Low	5000	12000	-46.22	PASS
Band26	15MHz	26865	QPSK	1	0	Low	12000	26500	-41.4	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

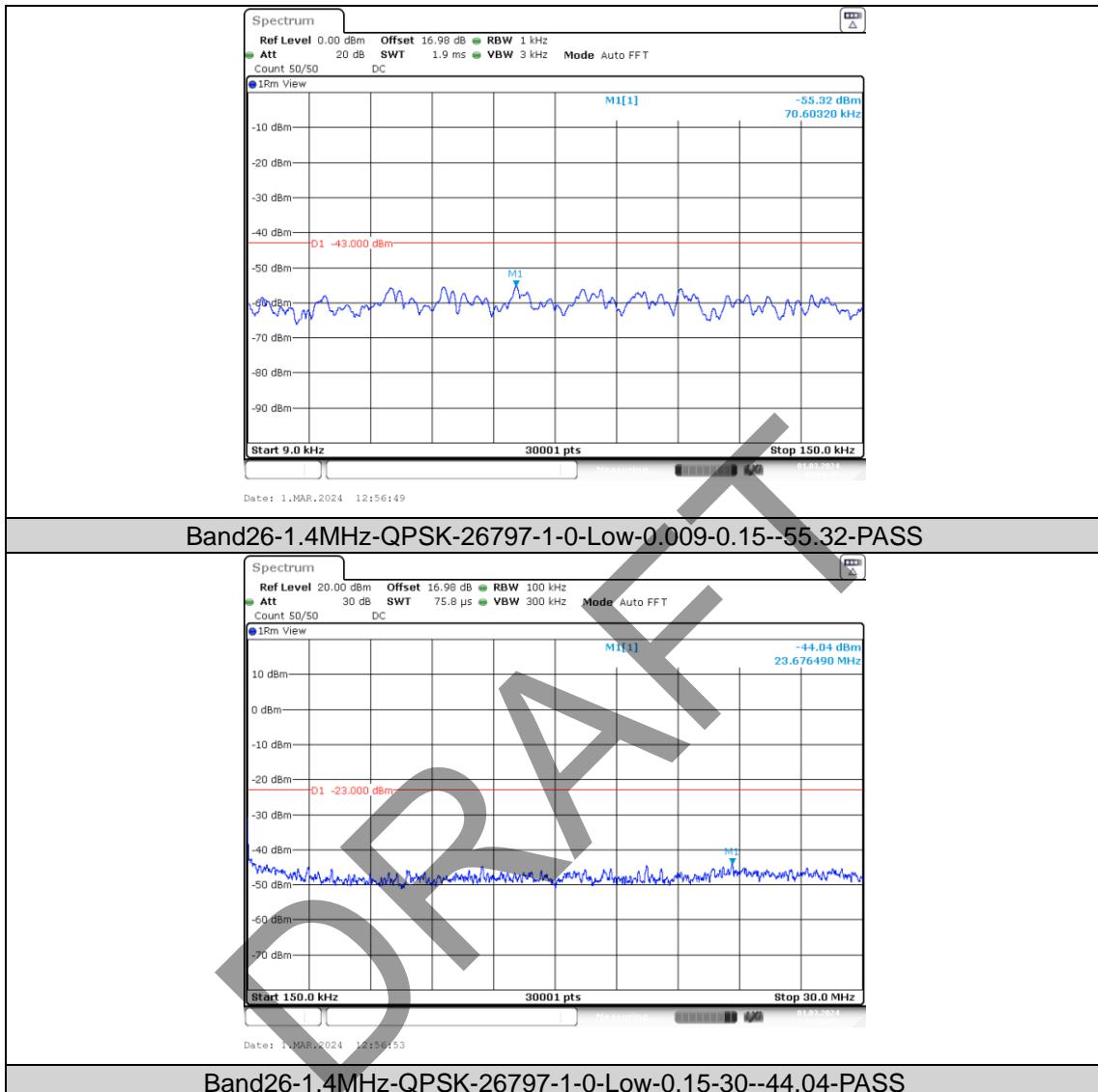
Band26	15MHz	26915	QPSK	1	0	Low	0.009	0.15	-53.49	PASS
Band26	15MHz	26915	QPSK	1	0	Low	0.15	30	-43.13	PASS
Band26	15MHz	26915	QPSK	1	0	Low	30	1000	-27.77	PASS
Band26	15MHz	26915	QPSK	1	0	Low	1000	5000	-33.03	PASS
Band26	15MHz	26915	QPSK	1	0	Low	5000	12000	-46.21	PASS
Band26	15MHz	26915	QPSK	1	0	Low	12000	26500	-41.4	PASS
Band26	15MHz	26965	QPSK	1	0	High	0.009	0.15	-54.37	PASS
Band26	15MHz	26965	QPSK	1	0	High	0.15	30	-43.28	PASS
Band26	15MHz	26965	QPSK	1	0	High	30	1000	-27.42	PASS
Band26	15MHz	26965	QPSK	1	0	High	1000	5000	-33.03	PASS
Band26	15MHz	26965	QPSK	1	0	High	5000	12000	-46.19	PASS
Band26	15MHz	26965	QPSK	1	0	High	12000	26500	-41.41	PASS
Band26	15MHz	26865	16QAM	1	0	Low	0.009	0.15	-53.26	PASS
Band26	15MHz	26865	16QAM	1	0	Low	0.15	30	-42.79	PASS
Band26	15MHz	26865	16QAM	1	0	Low	30	1000	-27.25	PASS
Band26	15MHz	26865	16QAM	1	0	Low	1000	5000	-32.72	PASS
Band26	15MHz	26865	16QAM	1	0	Low	5000	12000	-46.16	PASS
Band26	15MHz	26865	16QAM	1	0	Low	12000	26500	-41.37	PASS
Band26	15MHz	26915	16QAM	1	0	Low	0.009	0.15	-52.5	PASS
Band26	15MHz	26915	16QAM	1	0	Low	0.15	30	-43.07	PASS
Band26	15MHz	26915	16QAM	1	0	Low	30	1000	-27.88	PASS
Band26	15MHz	26915	16QAM	1	0	Low	1000	5000	-32.88	PASS
Band26	15MHz	26915	16QAM	1	0	Low	5000	12000	-46.13	PASS
Band26	15MHz	26915	16QAM	1	0	Low	12000	26500	-41.51	PASS
Band26	15MHz	26965	16QAM	1	0	High	0.009	0.15	-54.87	PASS
Band26	15MHz	26965	16QAM	1	0	High	0.15	30	-43.5	PASS
Band26	15MHz	26965	16QAM	1	0	High	30	1000	-27.72	PASS
Band26	15MHz	26965	16QAM	1	0	High	1000	5000	-33.03	PASS
Band26	15MHz	26965	16QAM	1	0	High	5000	12000	-46.12	PASS
Band26	15MHz	26965	16QAM	1	0	High	12000	26500	-41.51	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band 26 Test Graphs



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

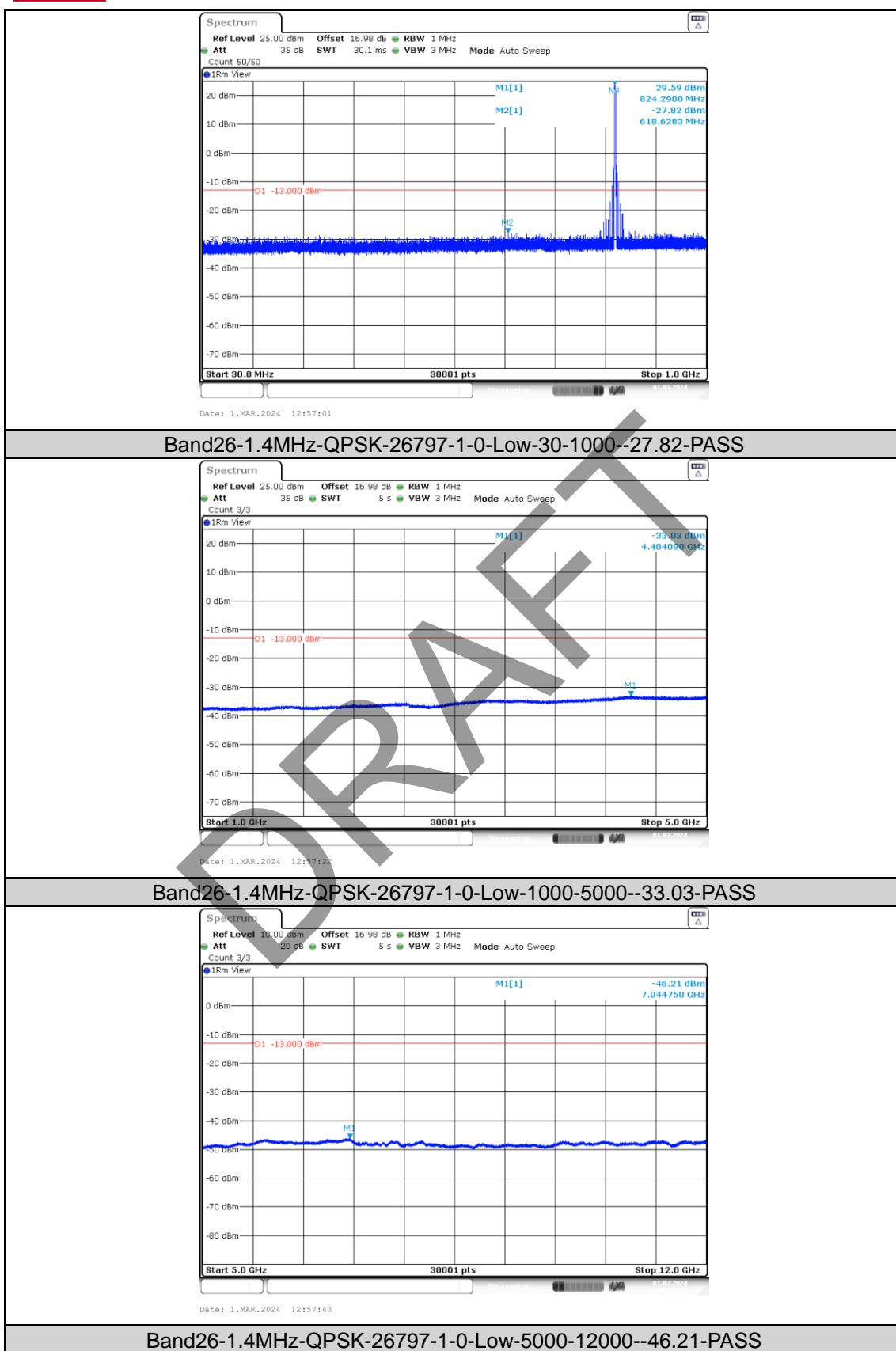
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

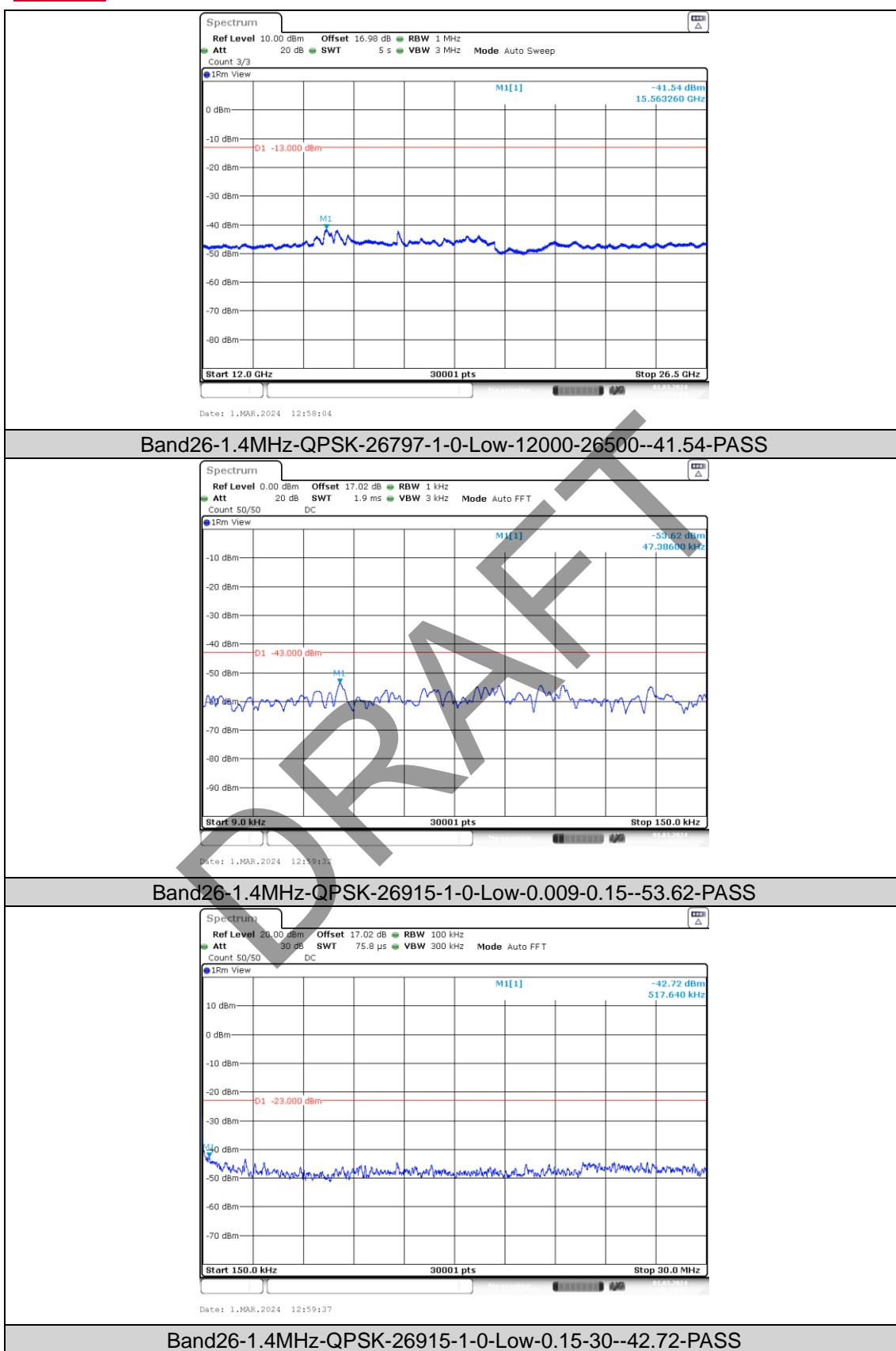
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

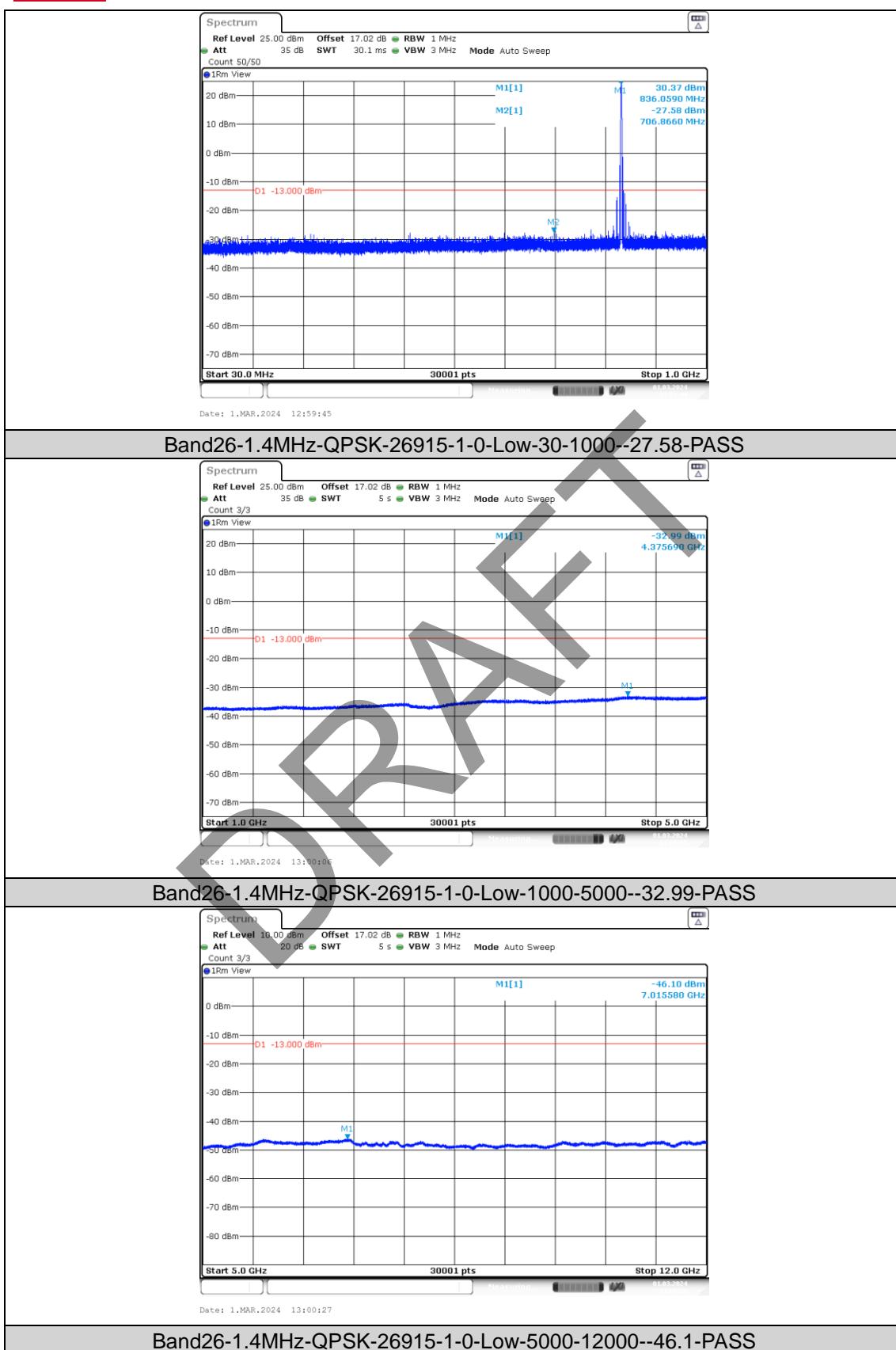
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

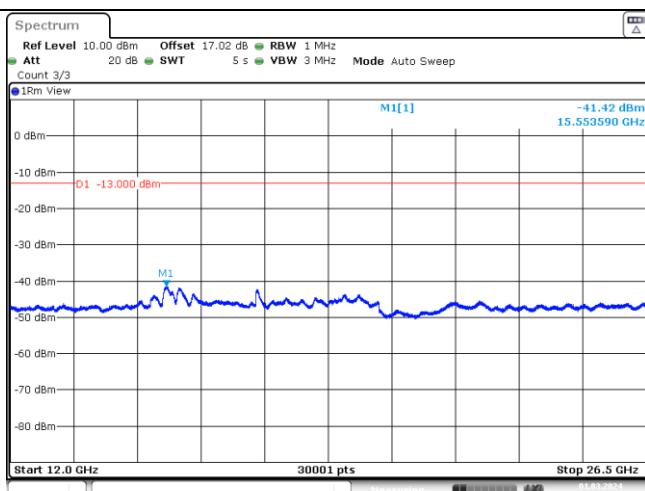
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

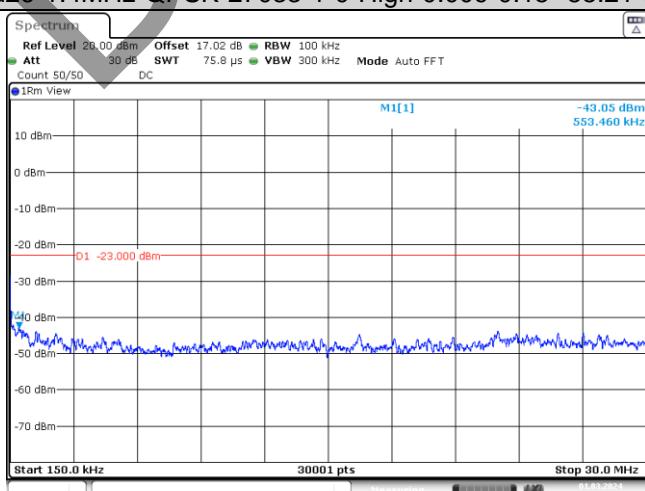
Test Report No.: W7L-P23120015RI01



Band26-1.4MHz-QPSK-26915-1-0-Low-12000-26500--41.42-PASS



Band26-1.4MHz-QPSK-27033-1-0-High-0.009-0.15--55.21-PASS



Band26-1.4MHz-QPSK-27033-1-0-High-0.15-30--43.05-PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

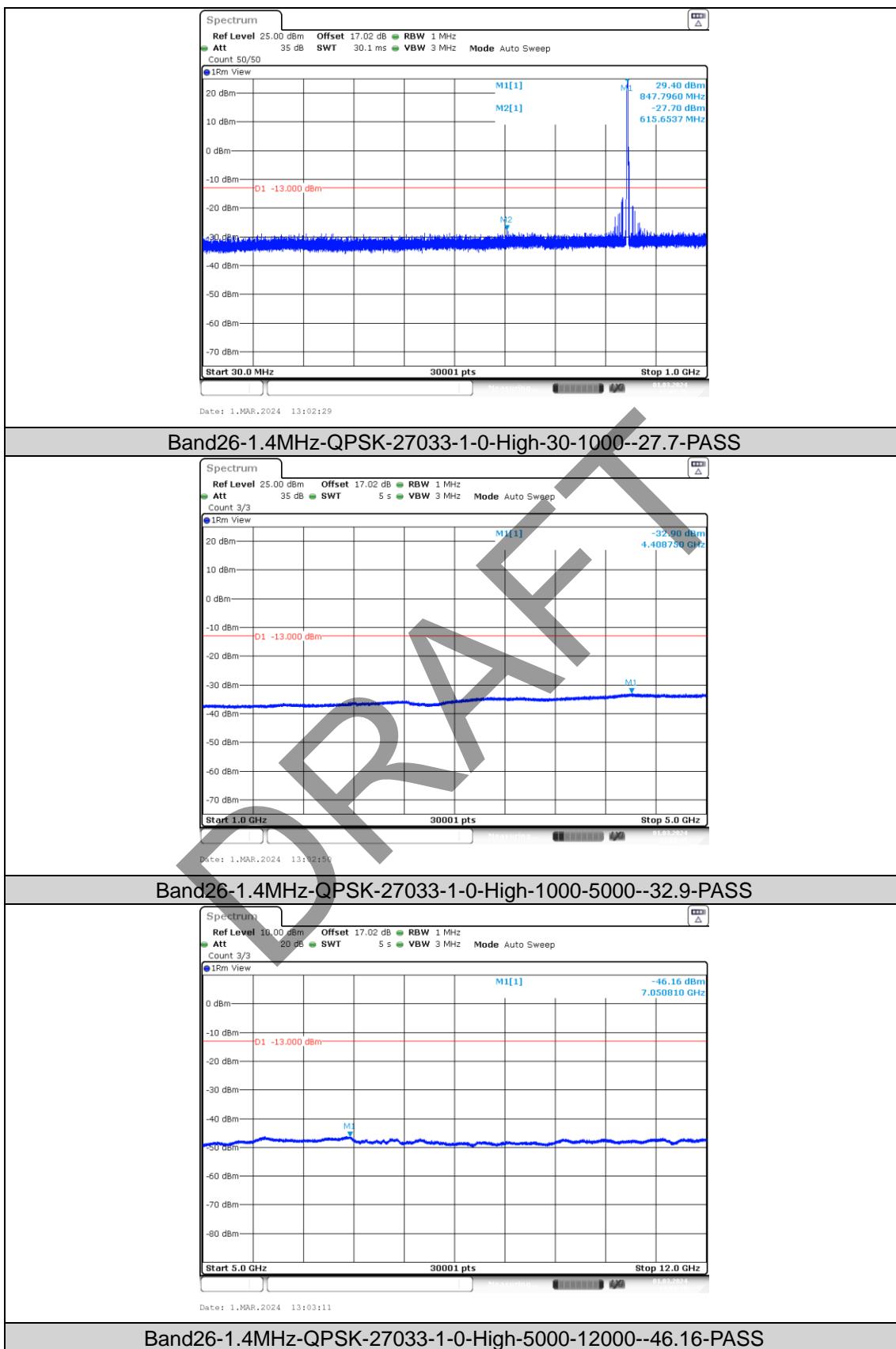
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

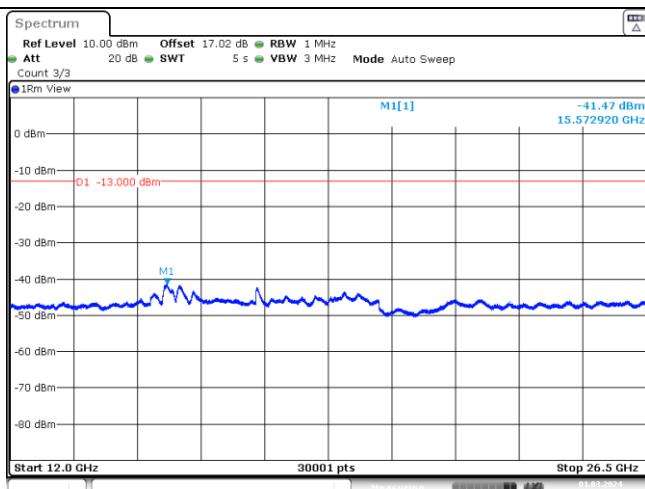
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

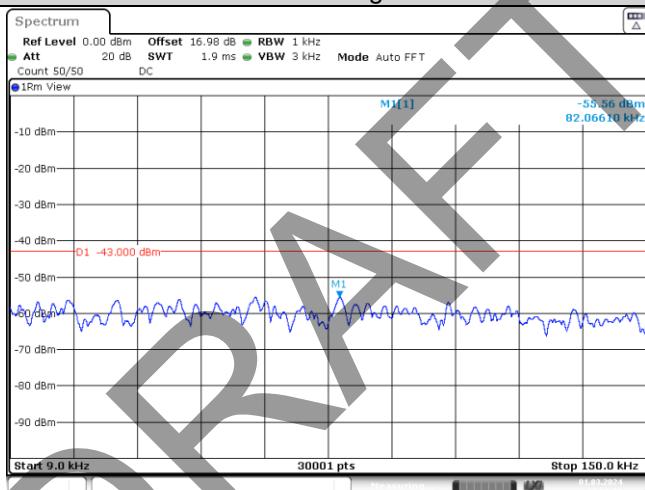


BUREAU
VERITAS

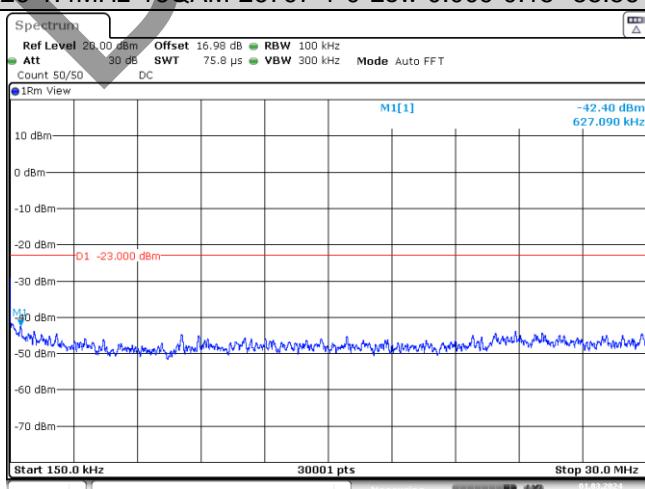
Test Report No.: W7L-P23120015RI01



Band26-1.4MHz-QPSK-27033-1-0-High-12000-26500--41.47-PASS



Band26-1.4MHz-16QAM-26797-1-0-Low-0.009-0.15--55.56-PASS



Band26-1.4MHz-16QAM-26797-1-0-0.15-30--42.4-PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

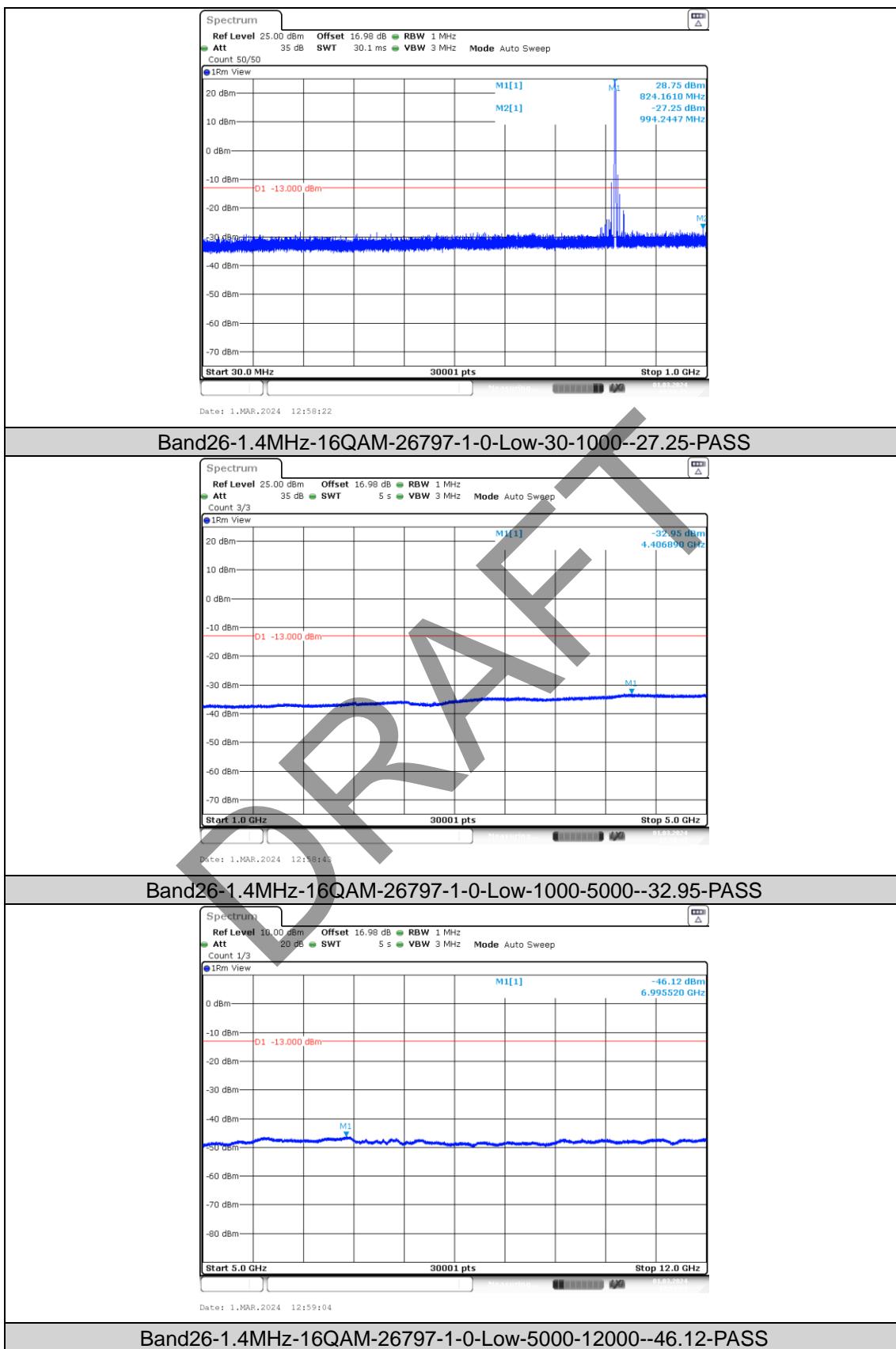
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

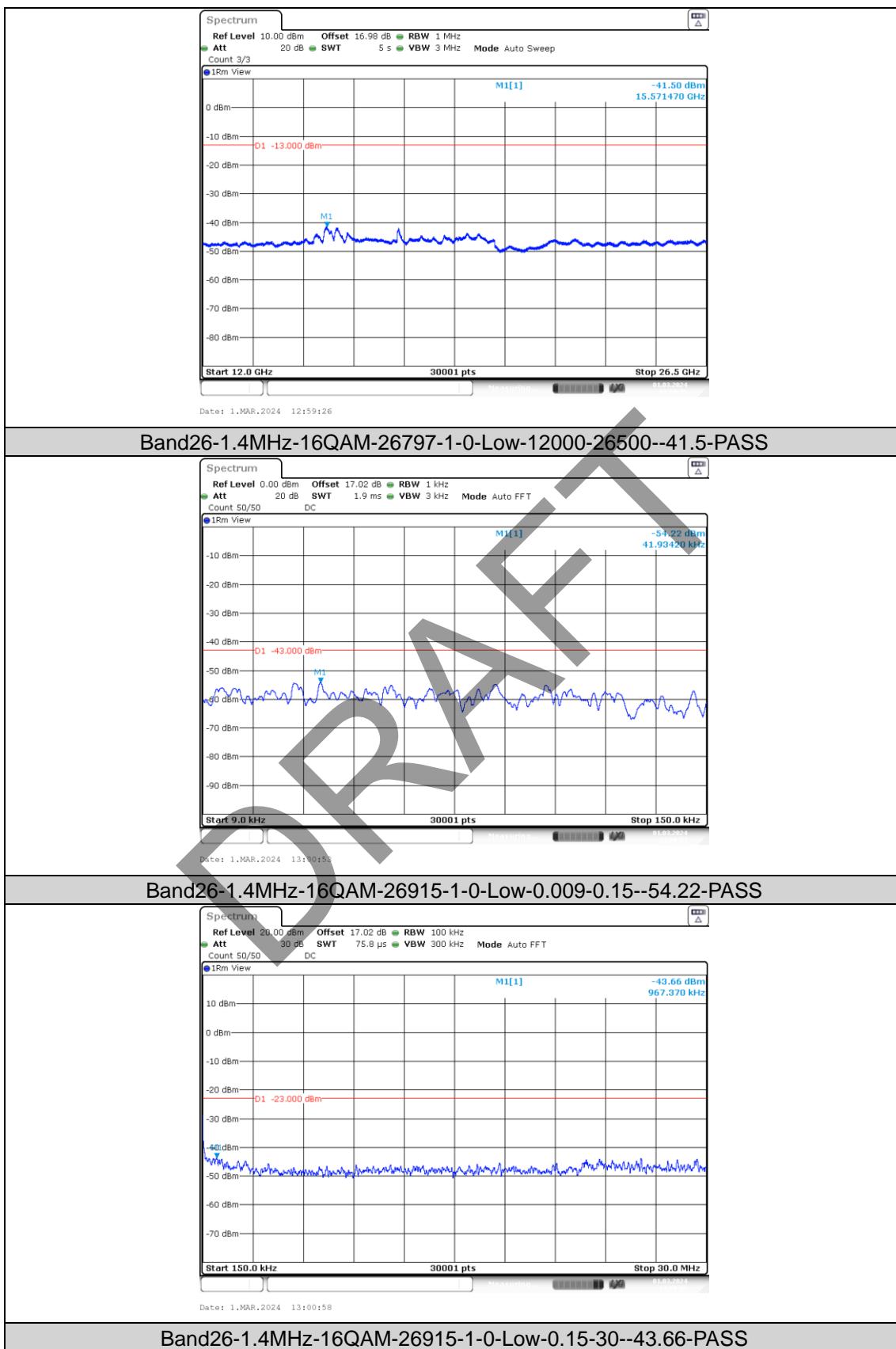
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

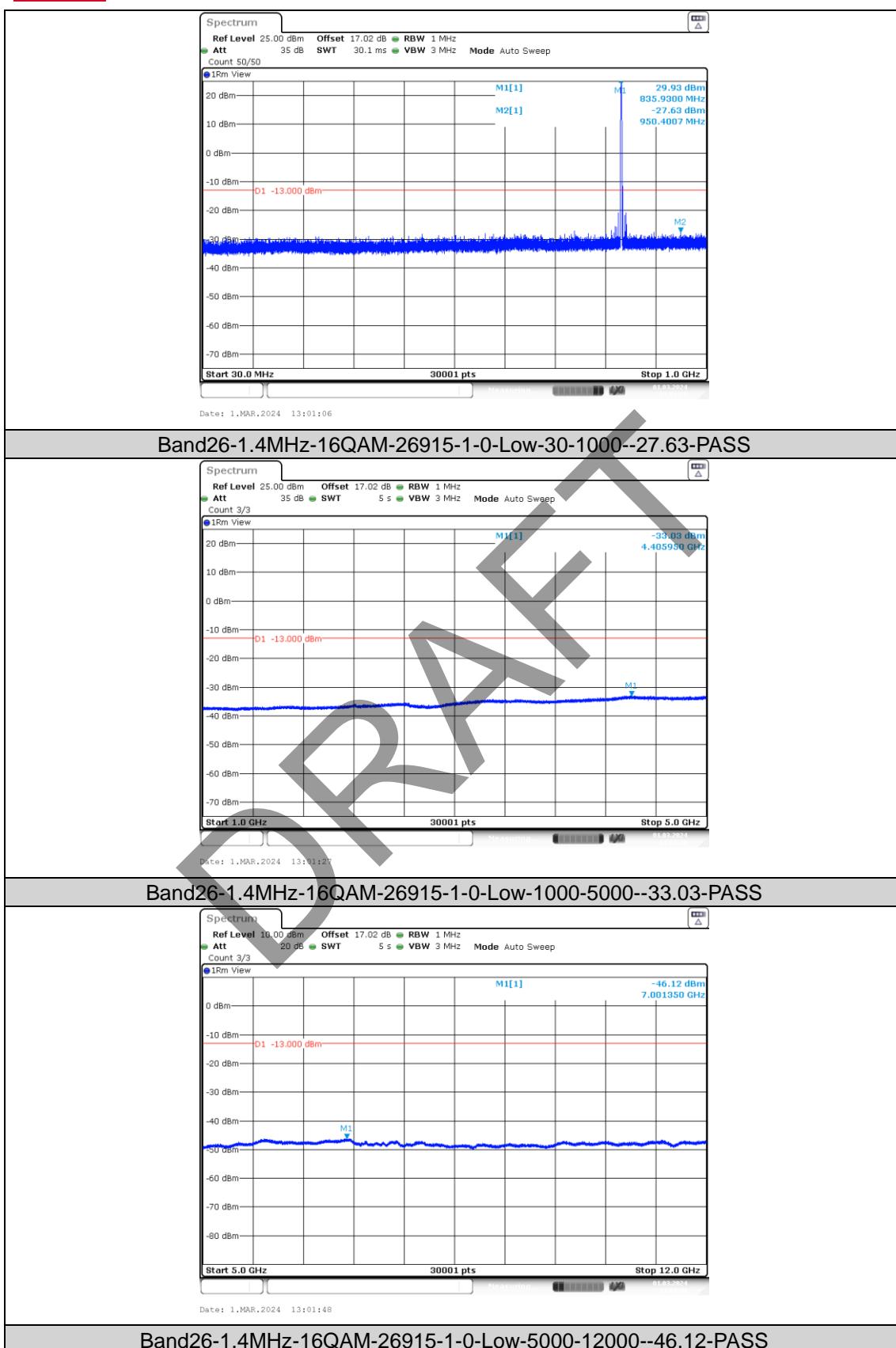
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

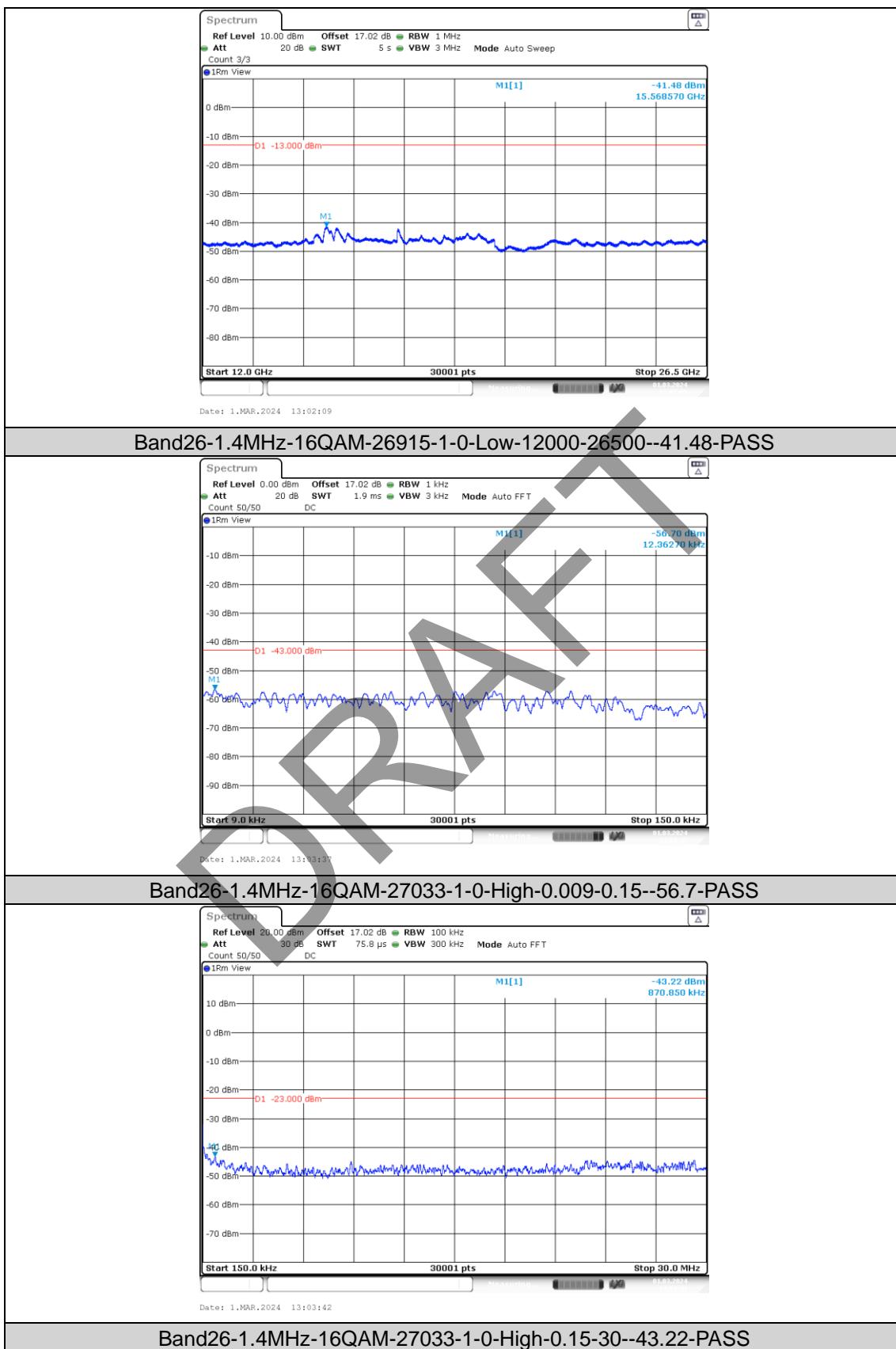
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

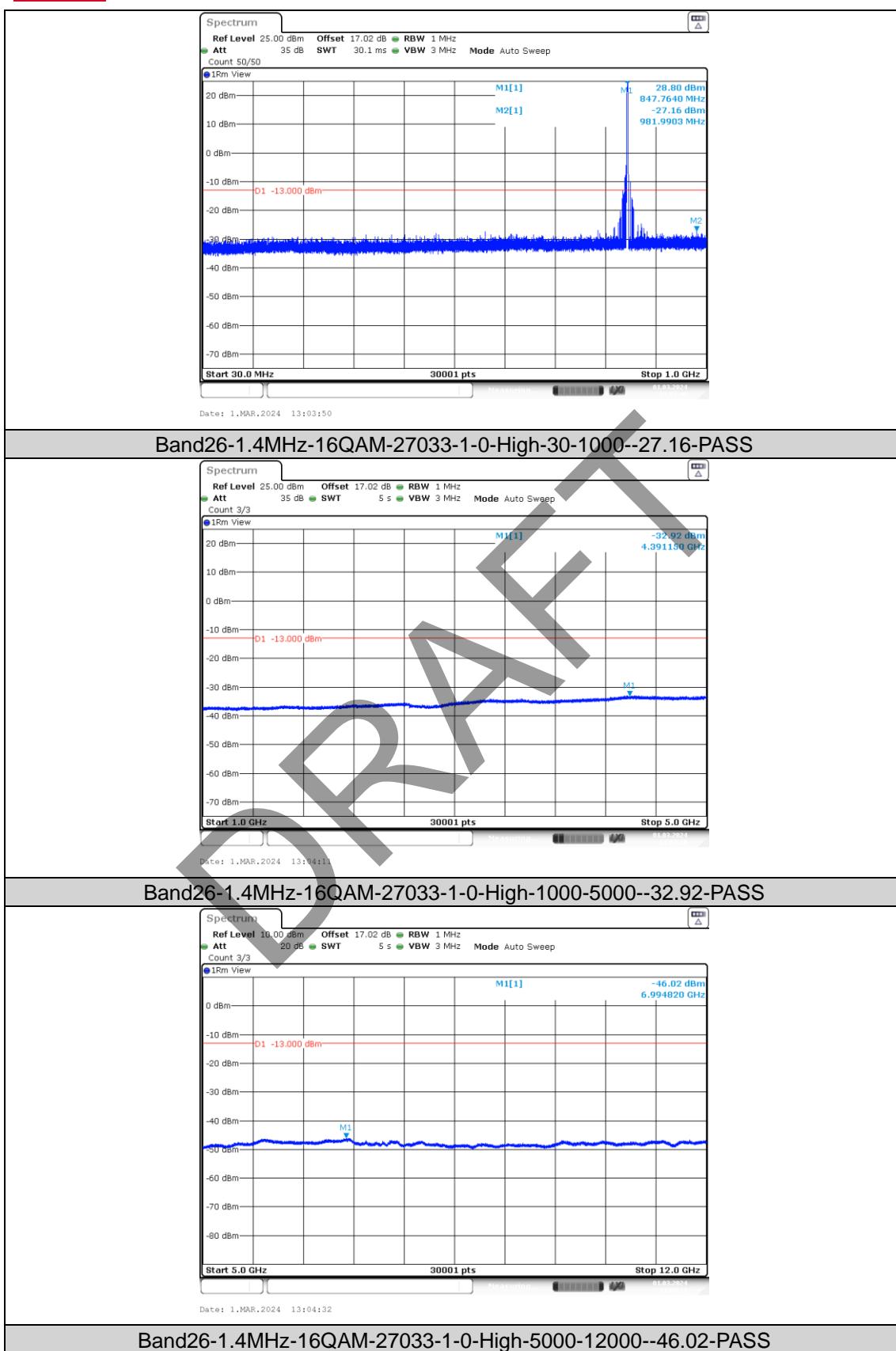
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

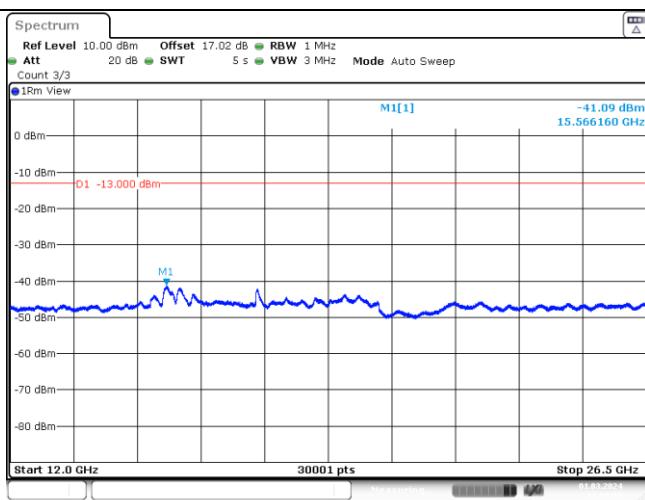
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

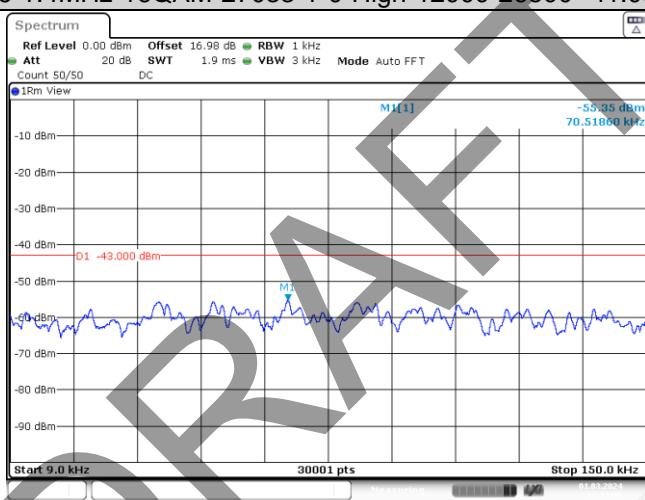


BUREAU
VERITAS

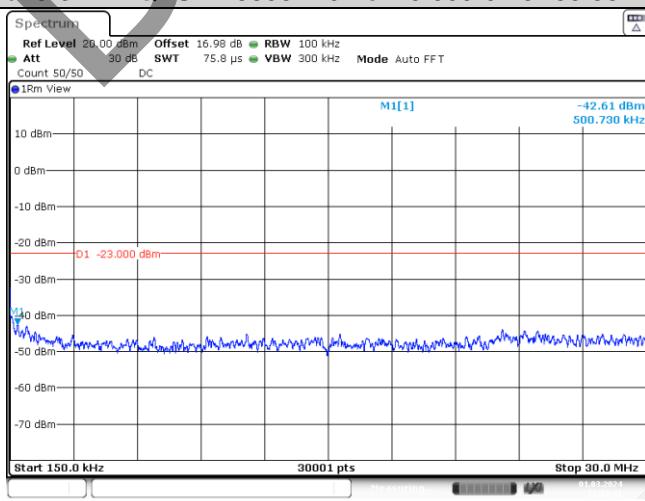
Test Report No.: W7L-P23120015RI01



Band26-1.4MHz-16QAM-27033-1-0-High-12000-26500--41.09-PASS



Band26-3MHz-QPSK-26805-1-0-Low-0.009-0.15--55.35-PASS



Band26-3MHz-QPSK-26805-1-0-15-30--42.61-PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

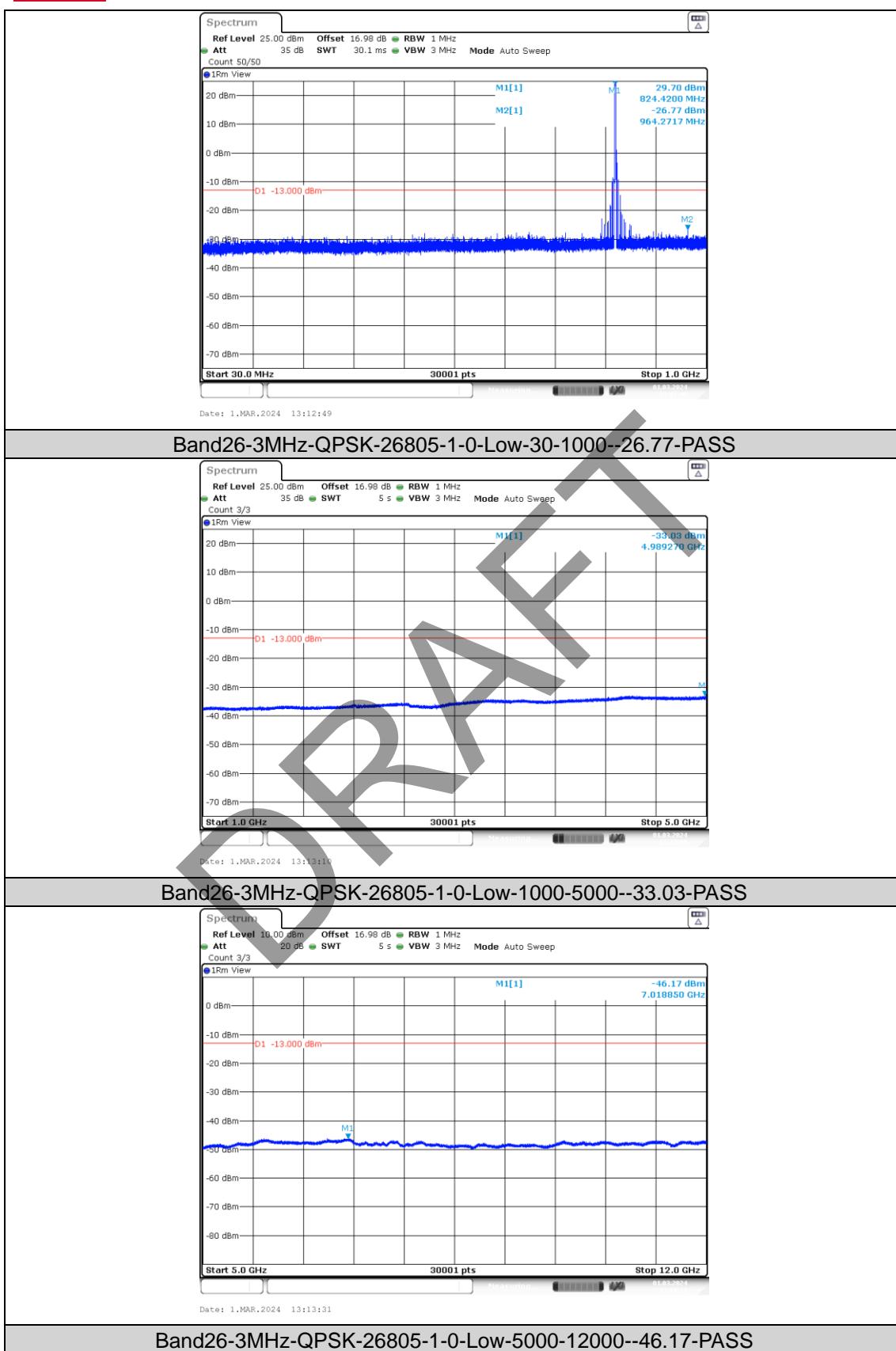
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

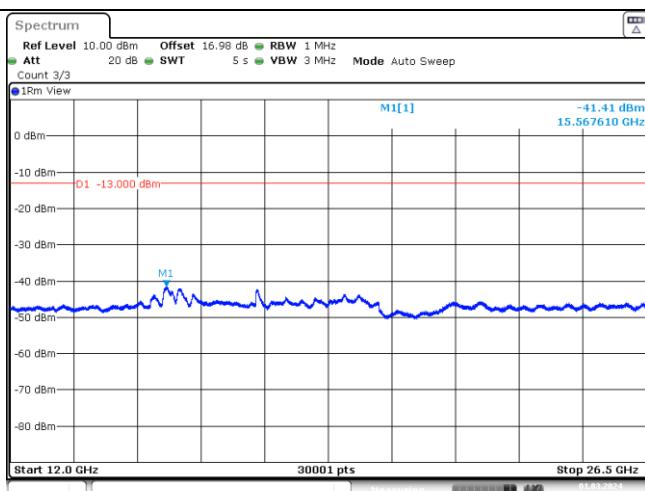
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

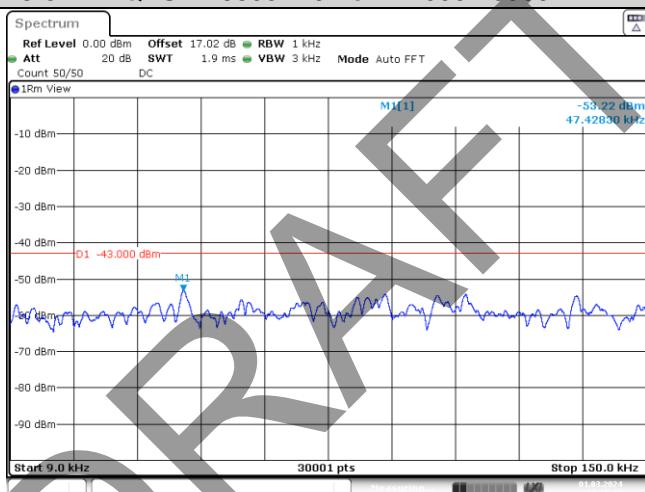


BUREAU
VERITAS

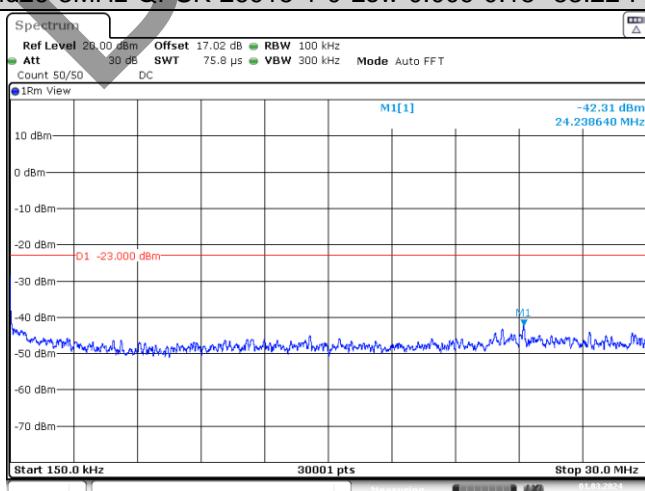
Test Report No.: W7L-P23120015RI01



Band26-3MHz-QPSK-26805-1-0-Low-12000-26500--41.41-PASS



Band26-3MHz-QPSK-26915-1-0-Low-0.009-0.15--53.22-PASS



Band26-3MHz-QPSK-26915-1-0-Low-0.15-30--42.31-PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

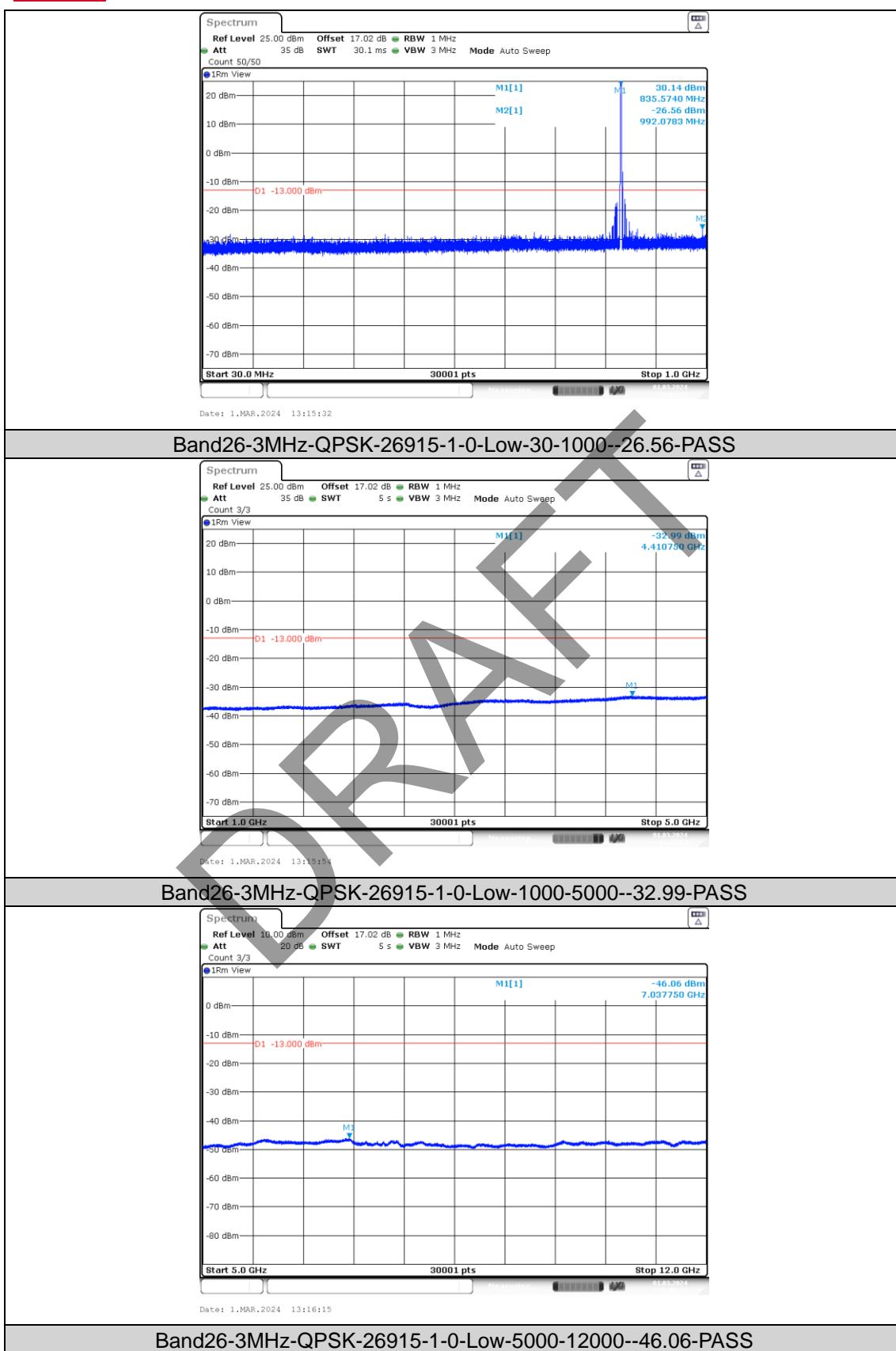
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

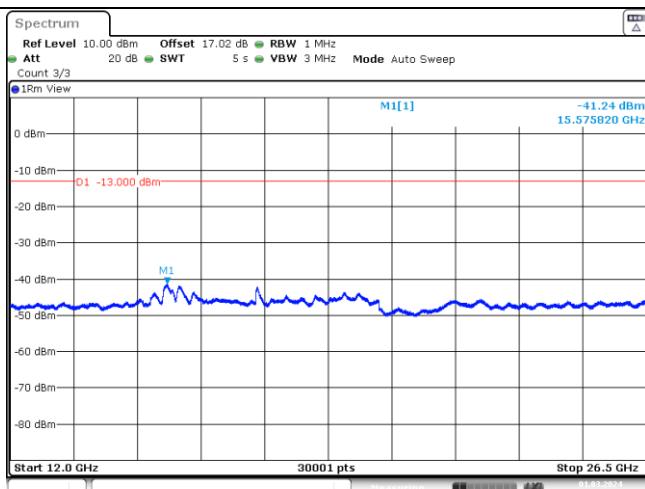
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

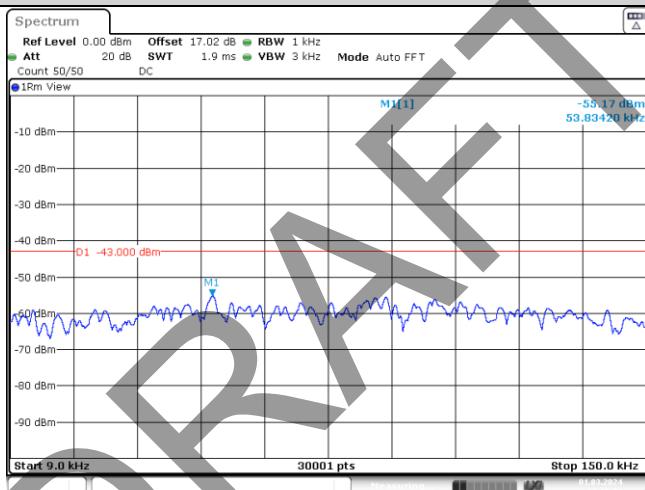


BUREAU
VERITAS

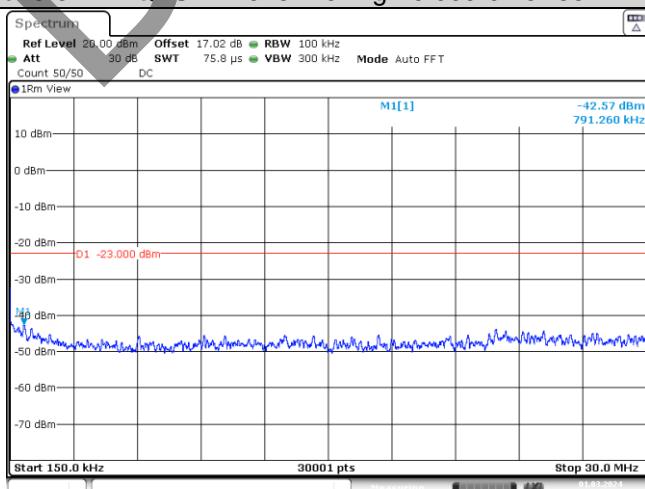
Test Report No.: W7L-P23120015RI01



Band26-3MHz-QPSK-26915-1-0-Low-12000-26500--41.24-PASS



Band26-3MHz-QPSK-27025-1-0-High-0.009-0.15--55.17-PASS



Band26-3MHz-QPSK-27025-1-0-High-0.15-30--42.57-PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

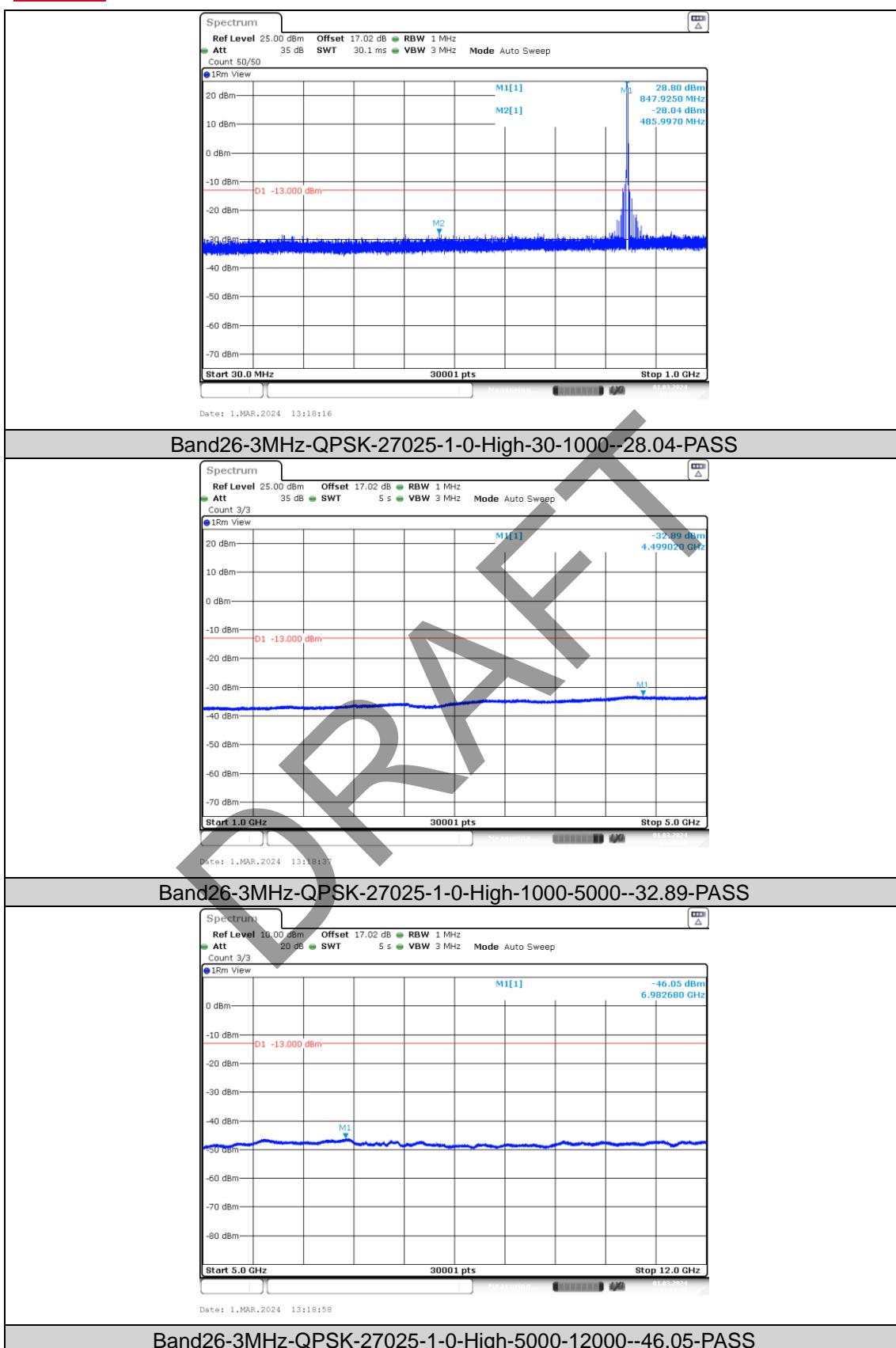
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

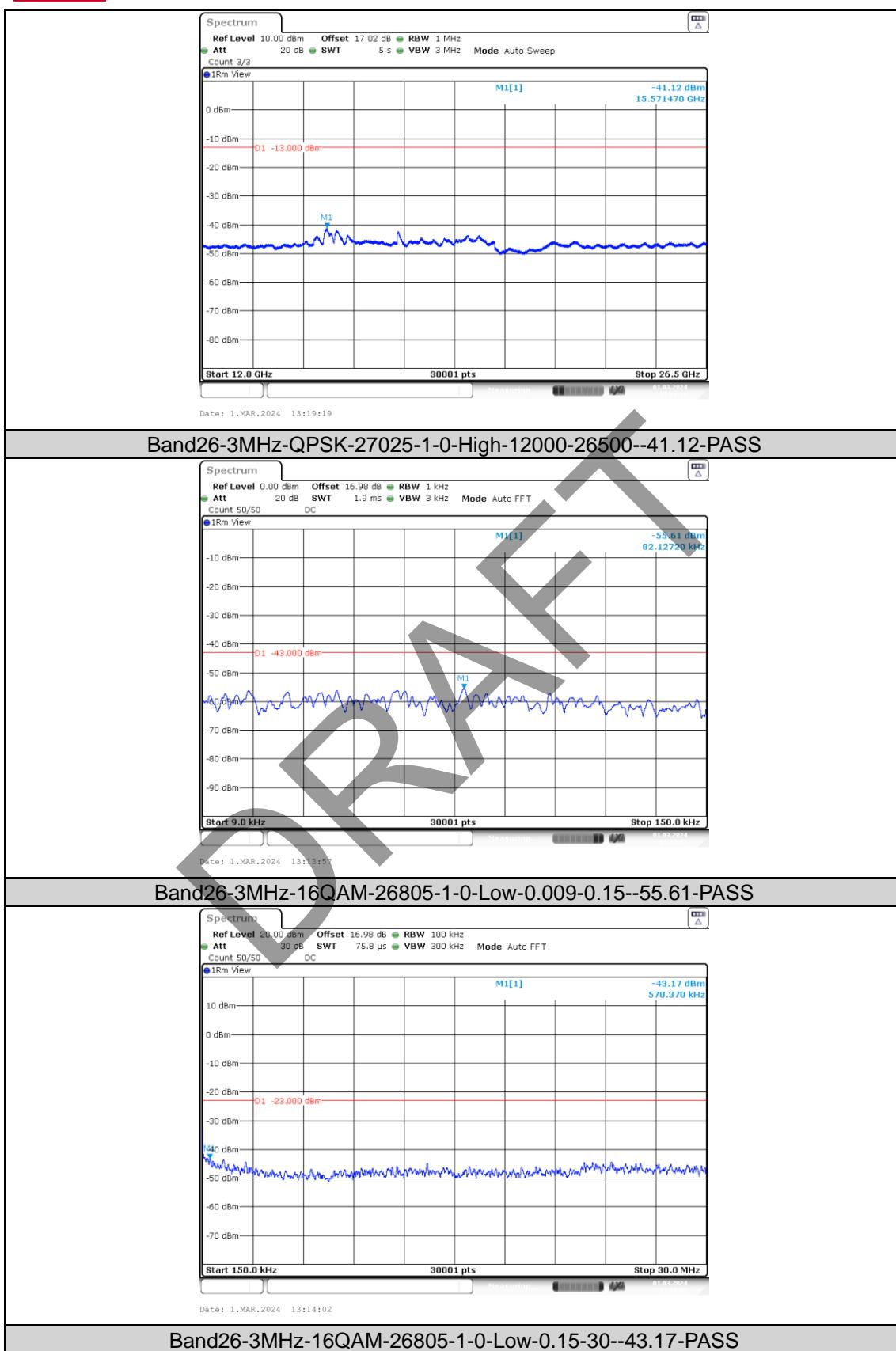
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

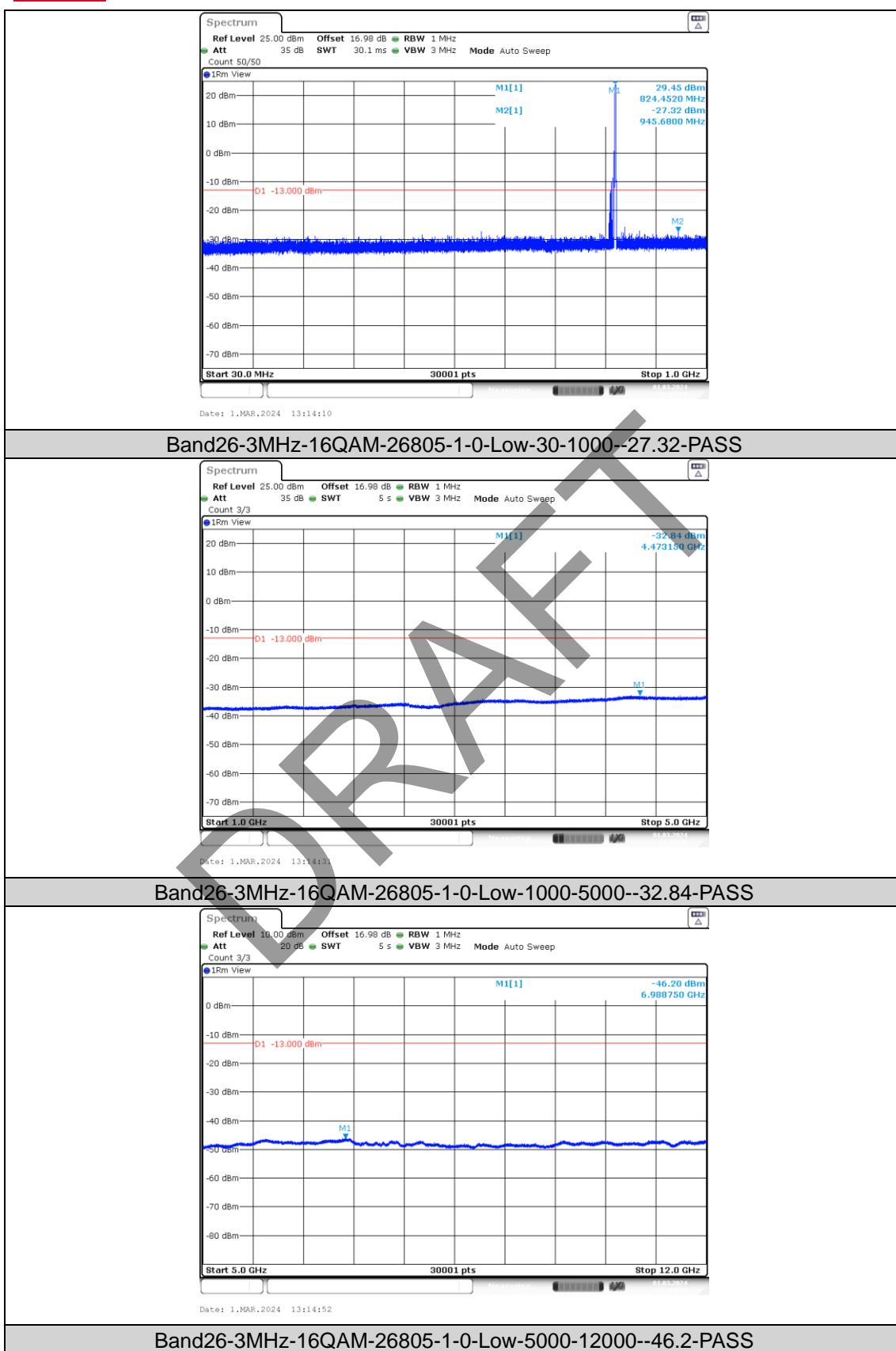
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

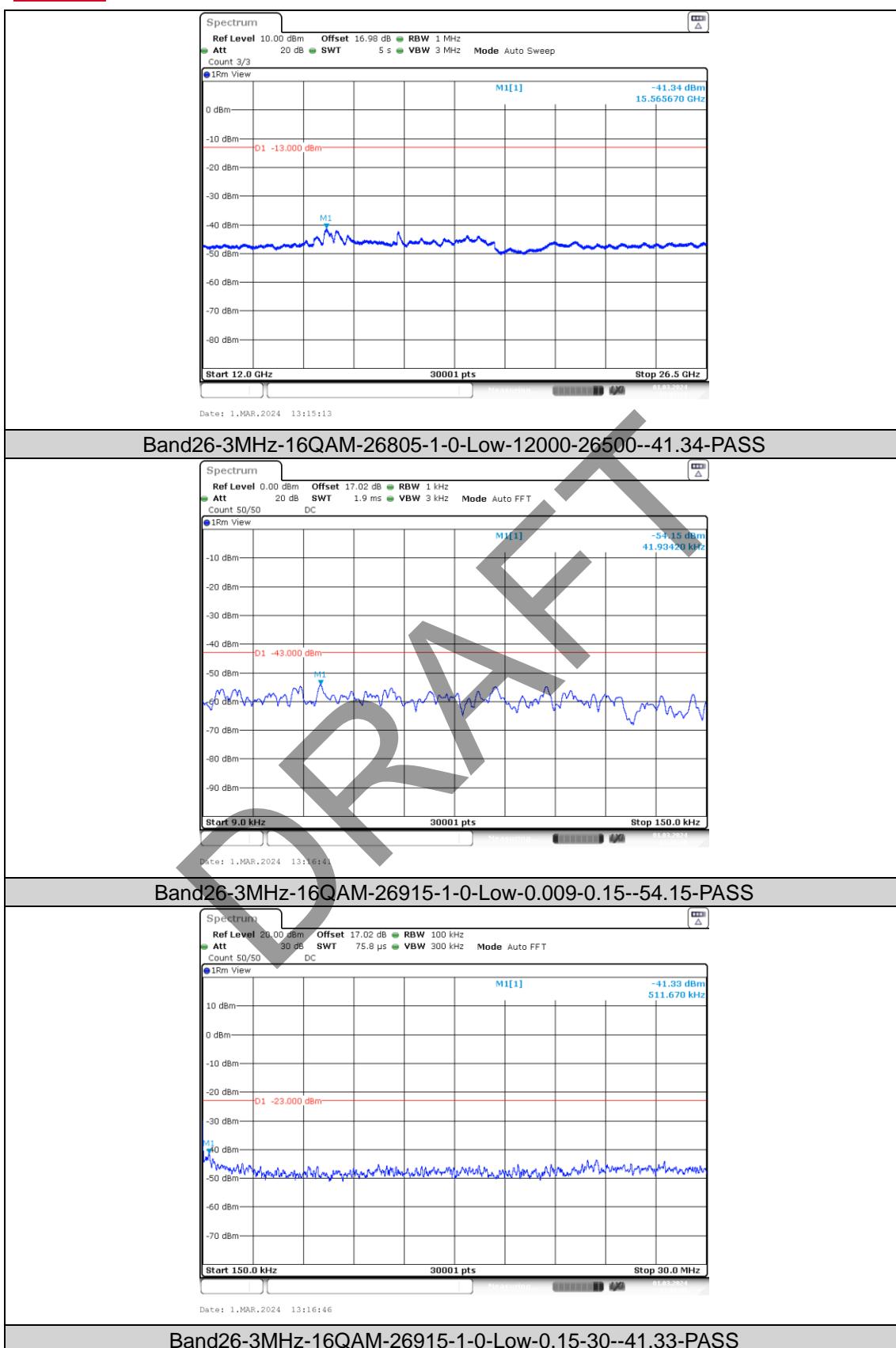
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

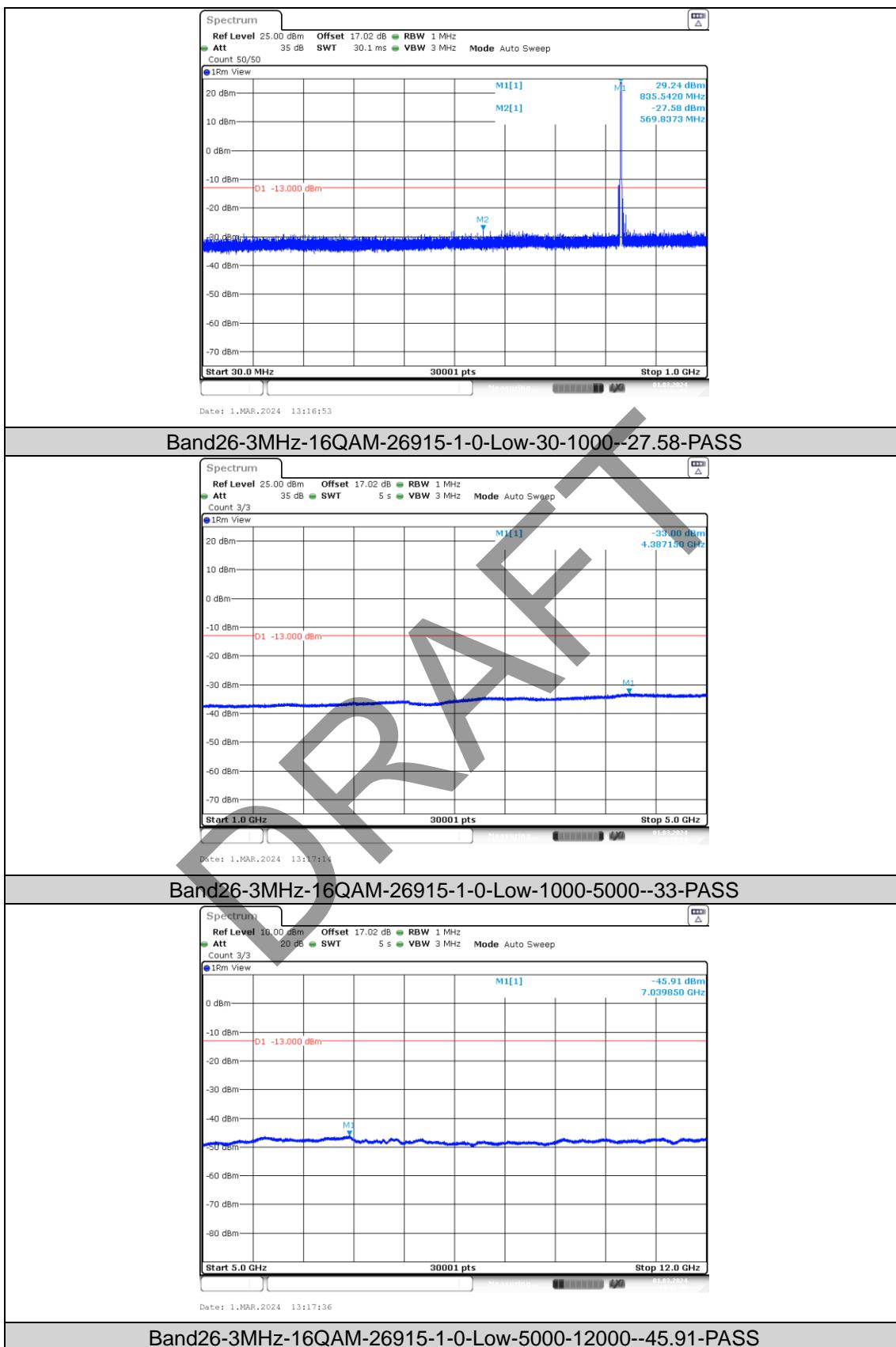
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

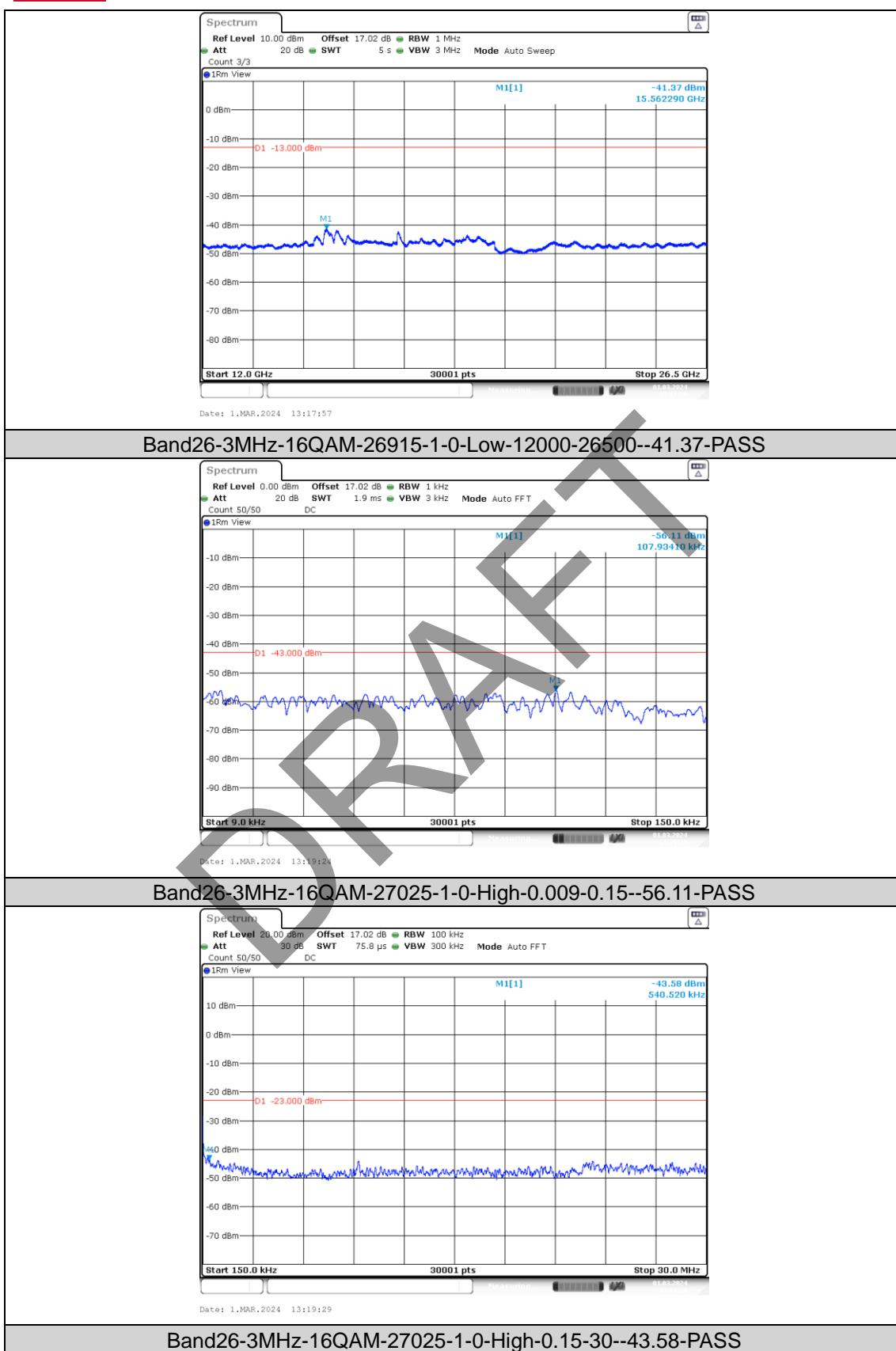
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

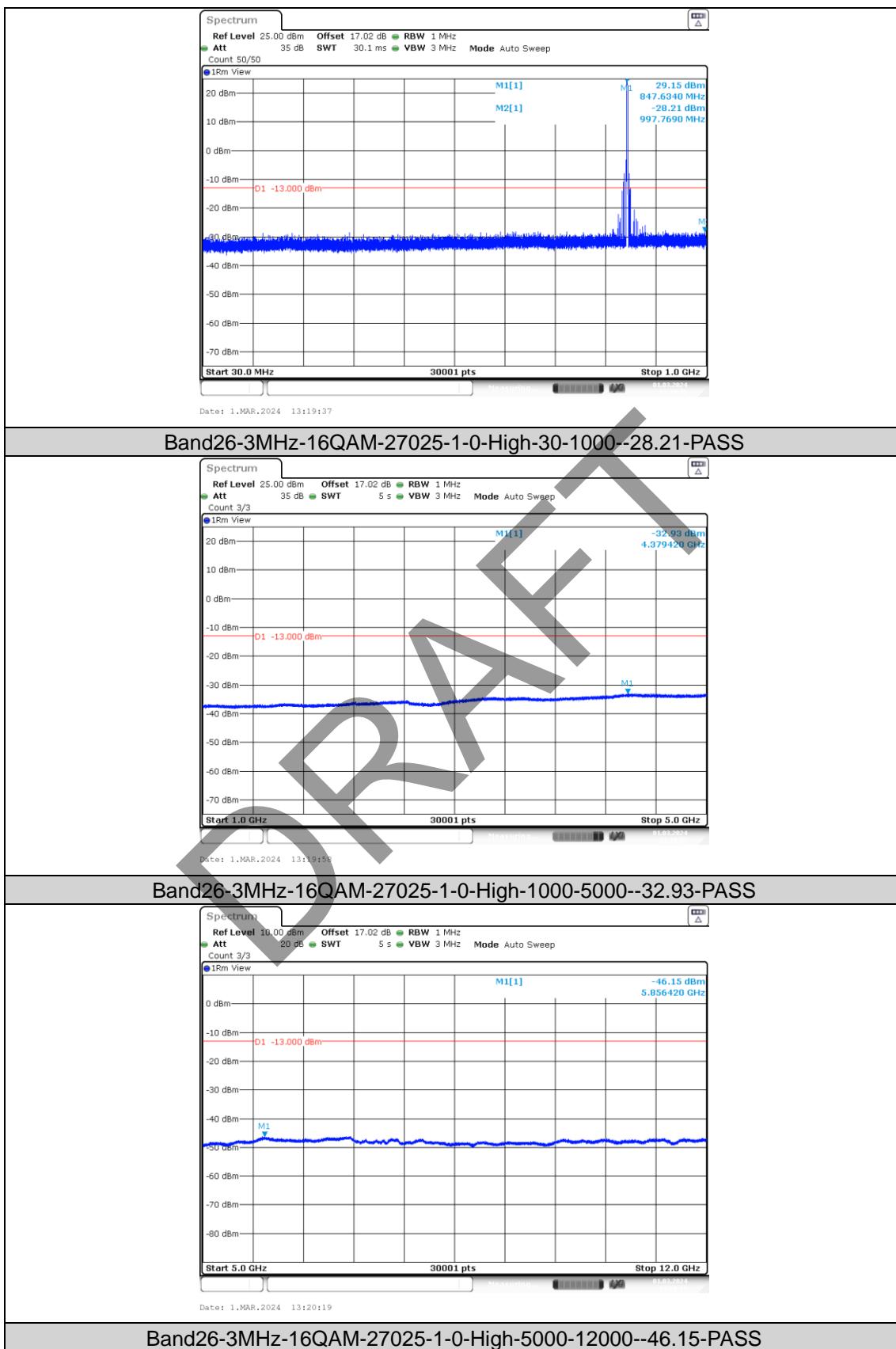
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

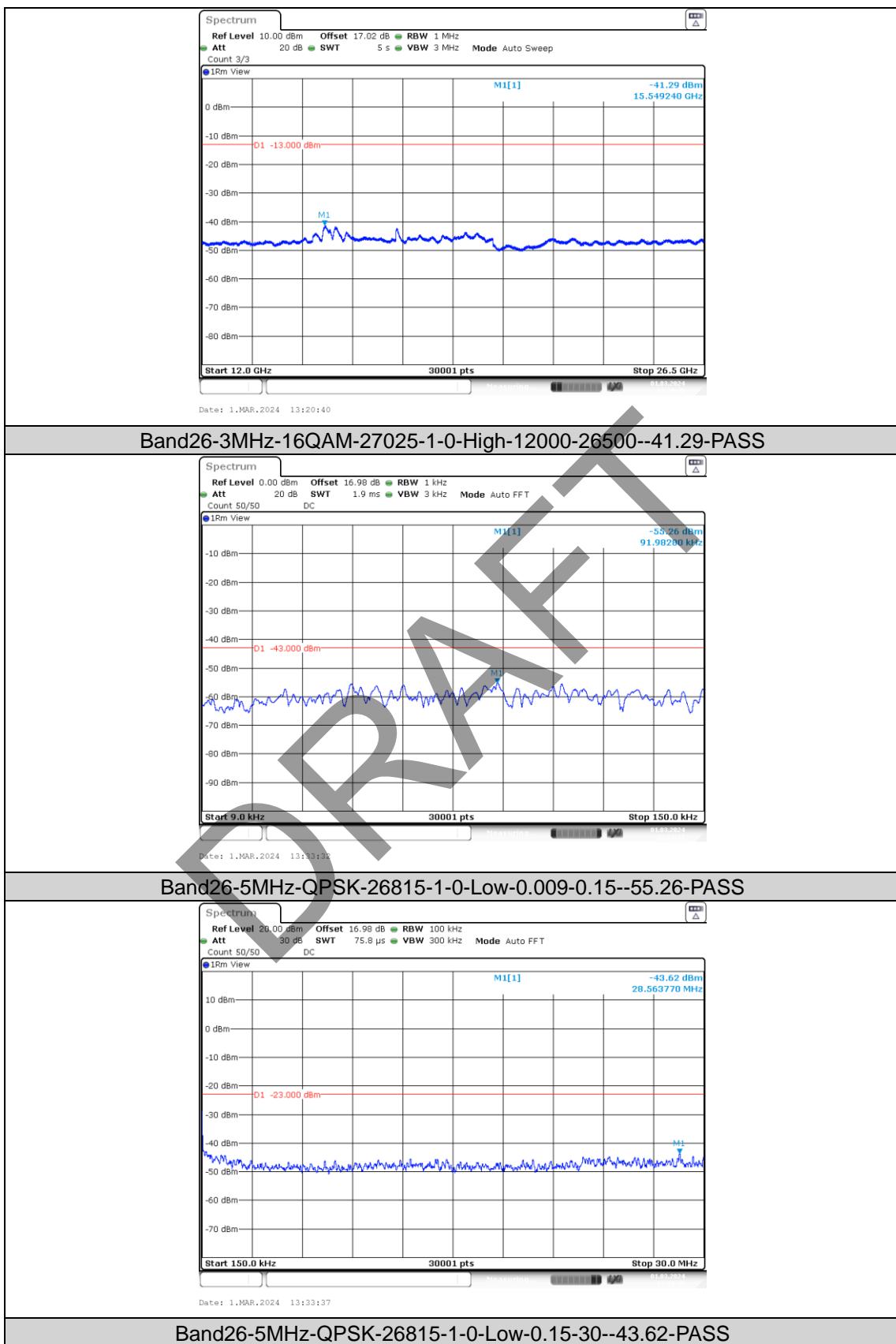
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

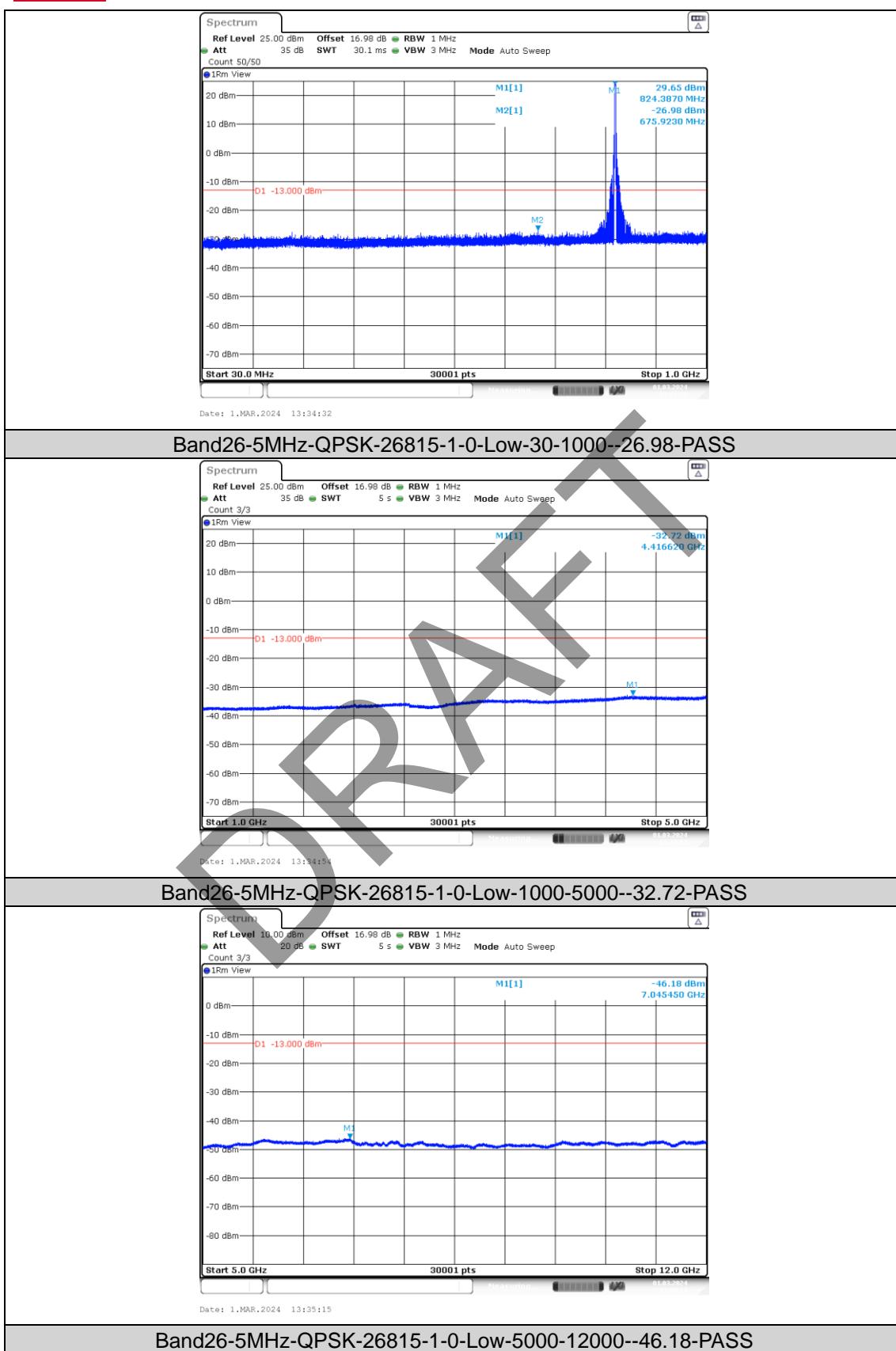
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

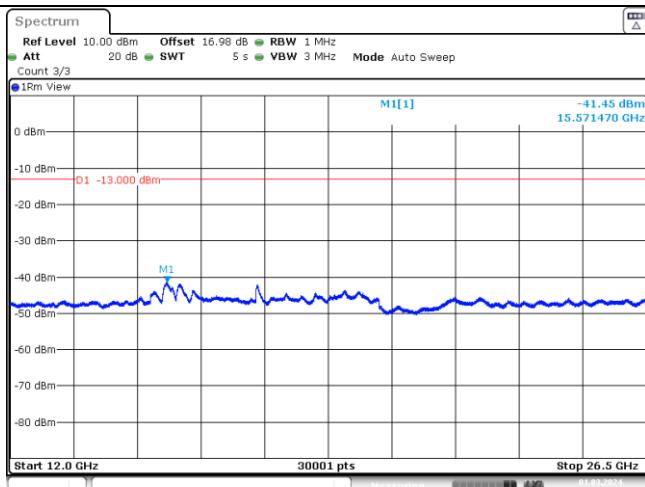
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

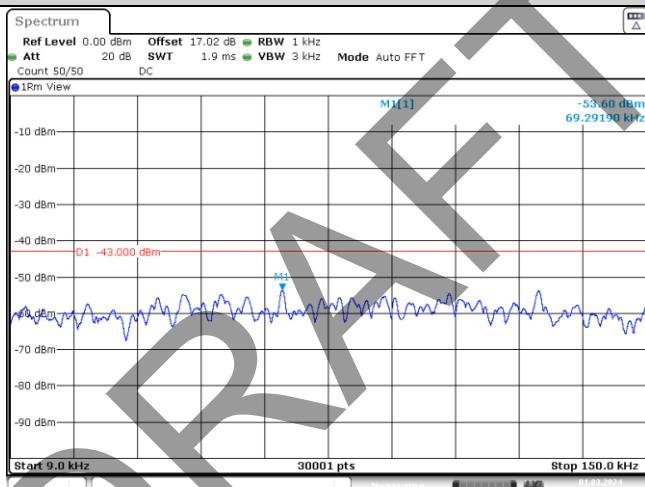


BUREAU
VERITAS

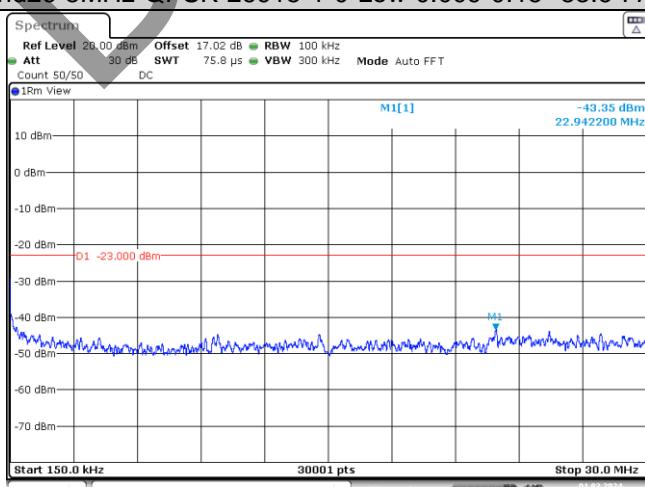
Test Report No.: W7L-P23120015RI01



Band26-5MHz-QPSK-26815-1-0-Low-12000-26500--41.45-PASS



Band26-5MHz-QPSK-26915-1-0-Low-0.009-0.15--53.6-PASS



Band26-5MHz-QPSK-26915-1-0-Low-0.15-30--43.35-PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

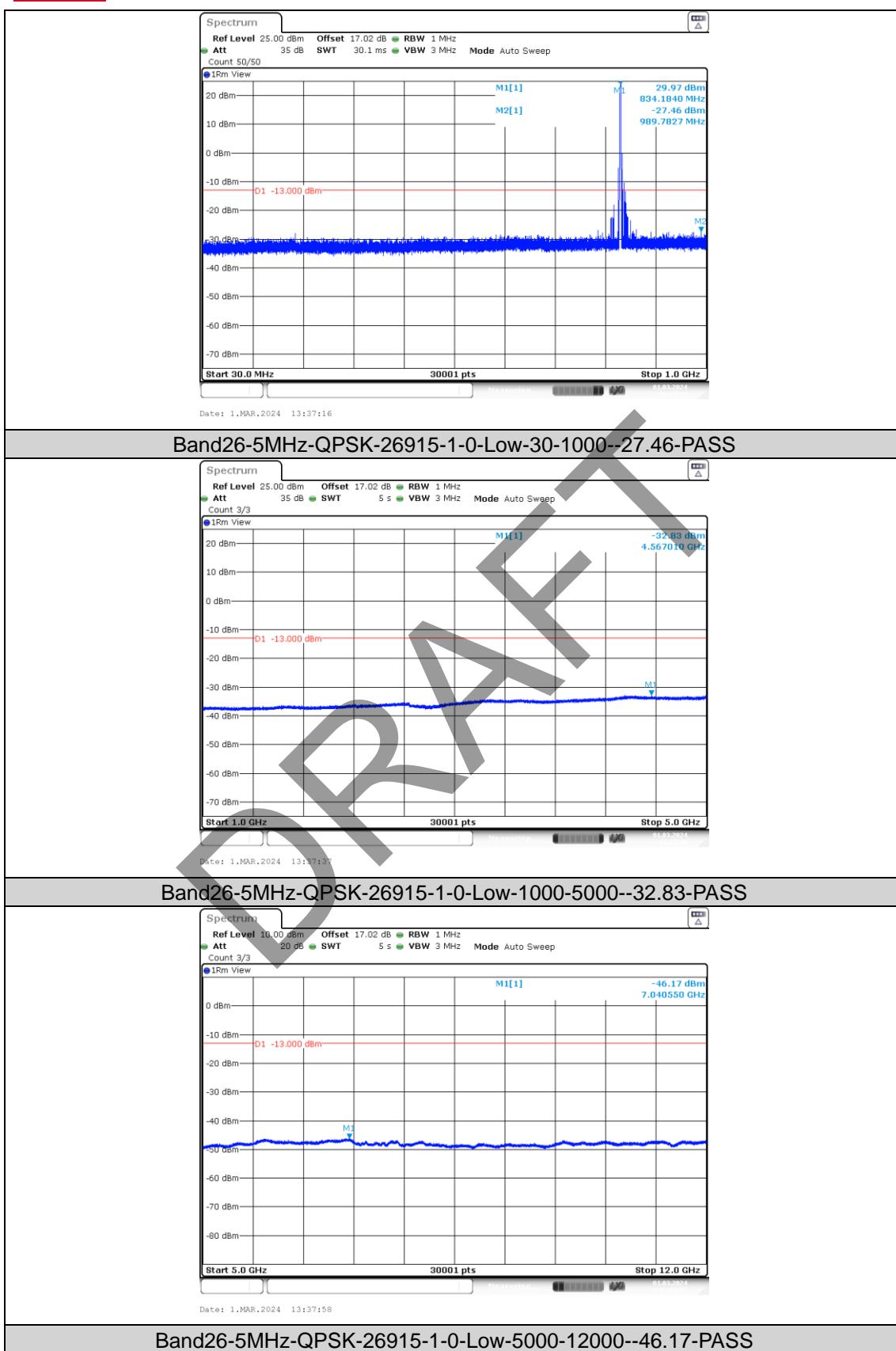
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

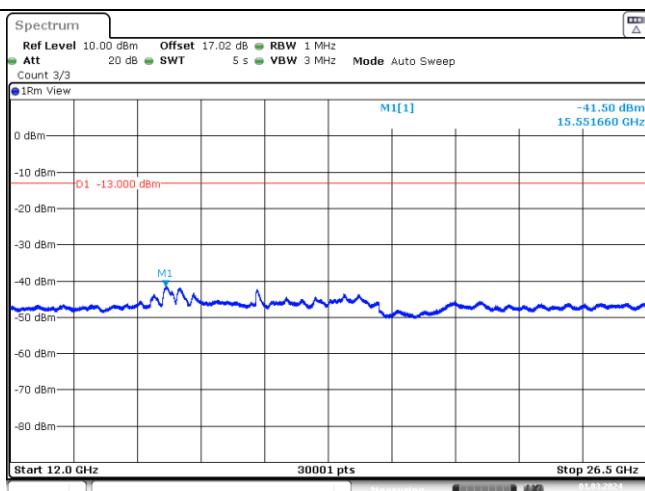
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

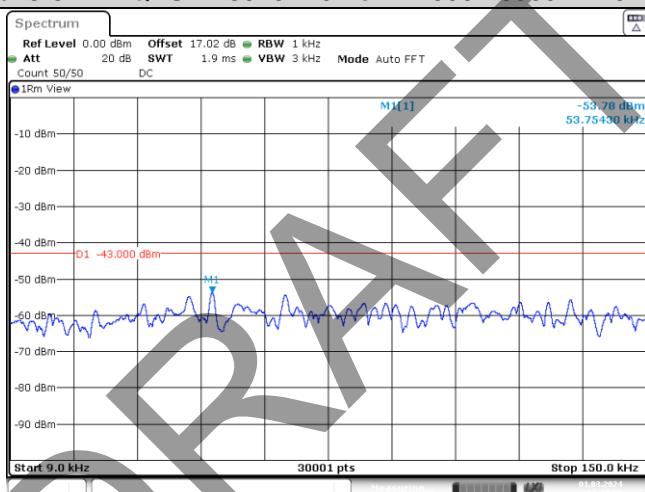


BUREAU
VERITAS

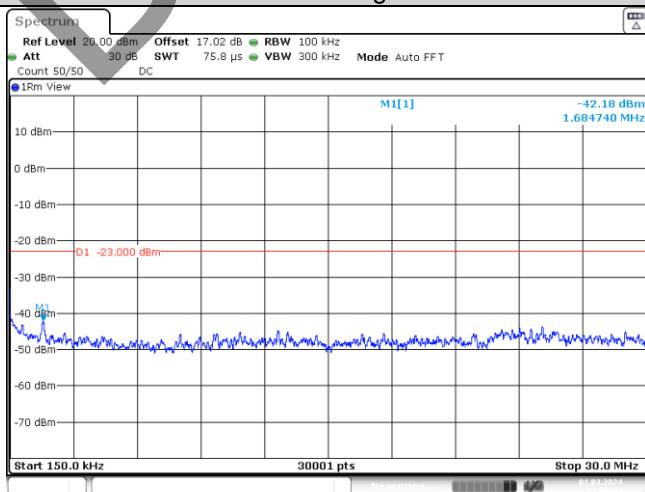
Test Report No.: W7L-P23120015RI01



Band26-5MHz-QPSK-26915-1-0-Low-12000-26500--41.5-PASS



Band26-5MHz-QPSK-27015-1-0-High-0.009-0.15--53.78-PASS



Band26-5MHz-QPSK-27015-1-0-High-0.15-30--42.18-PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

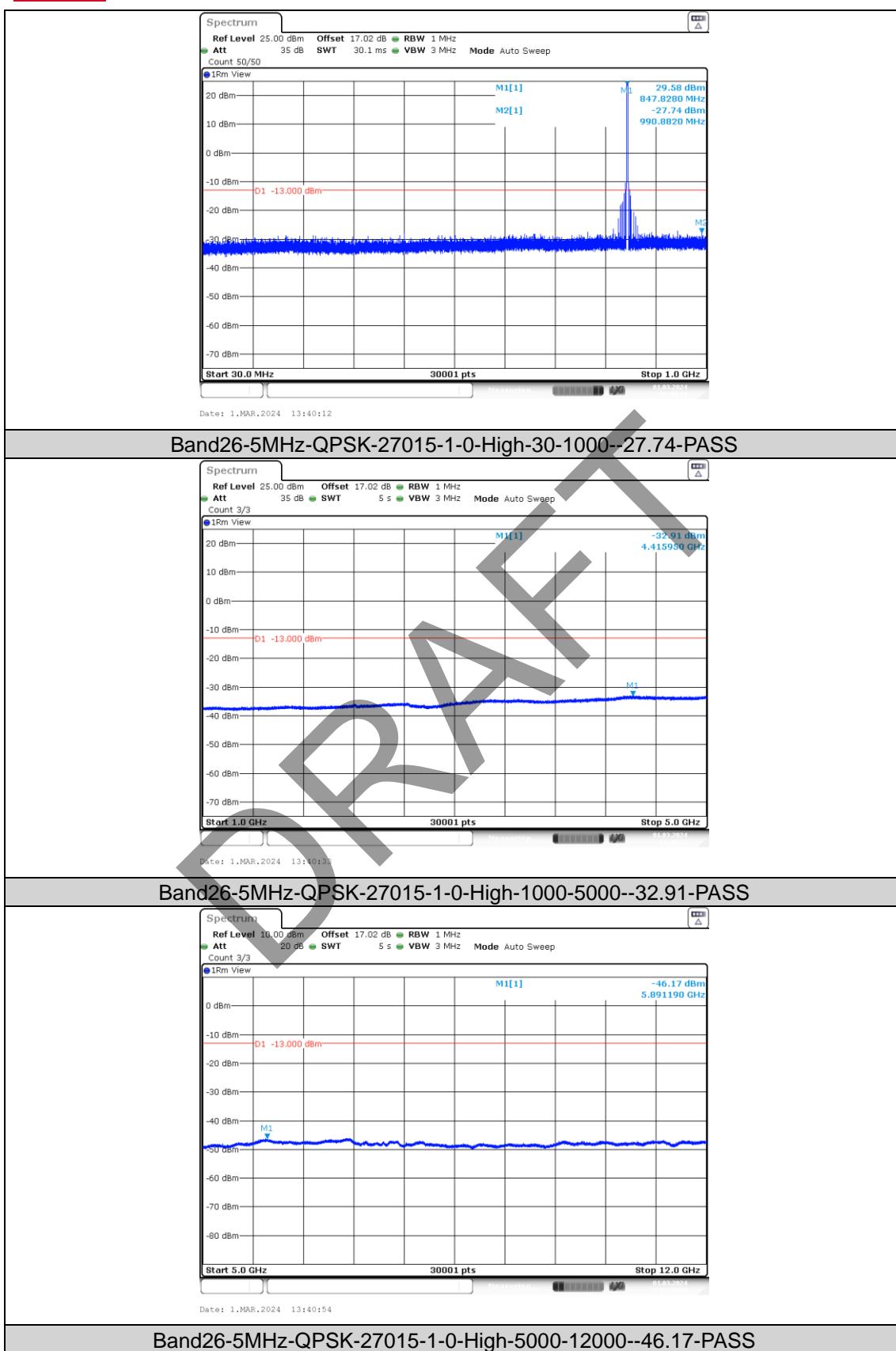
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

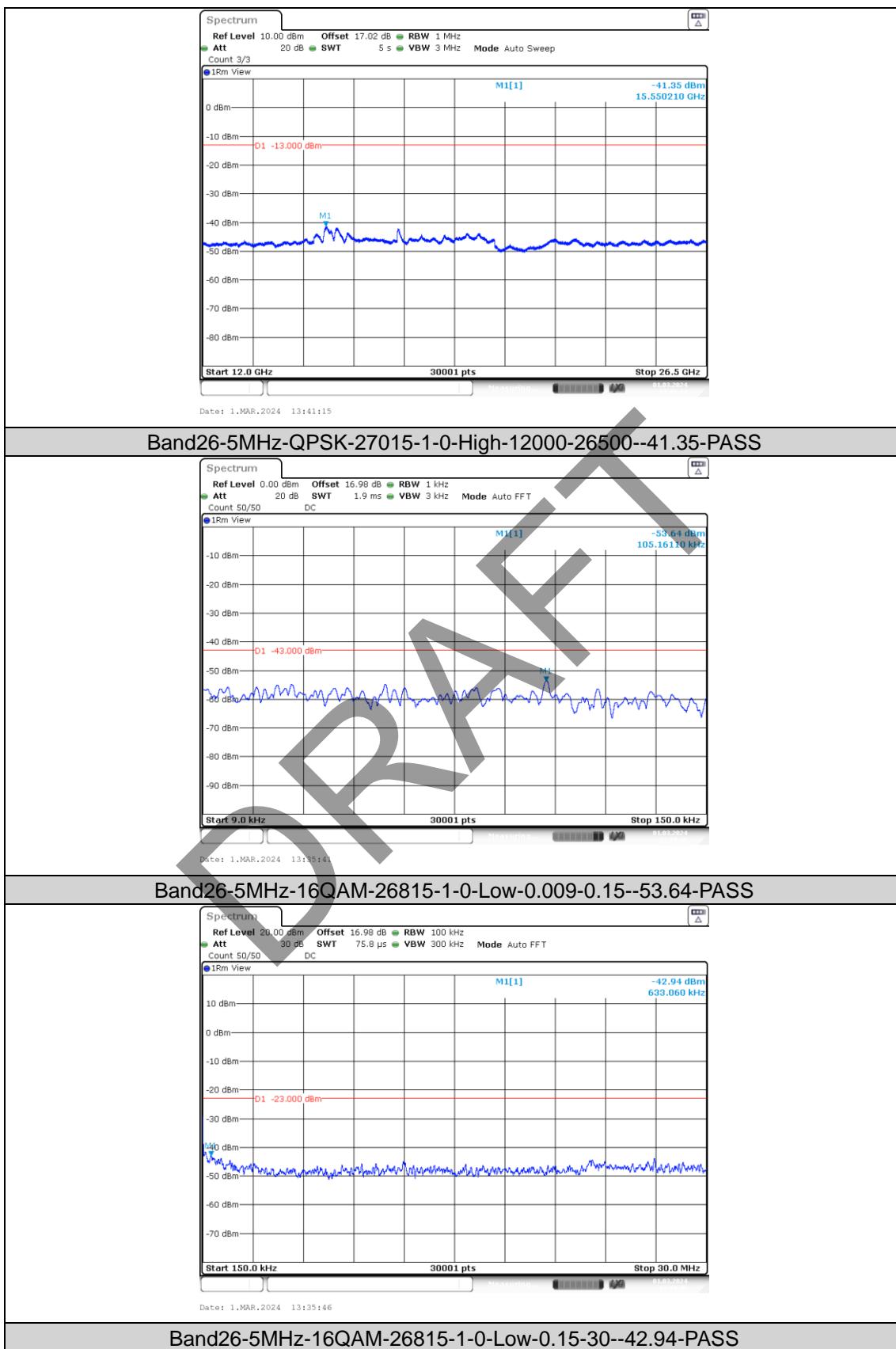
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

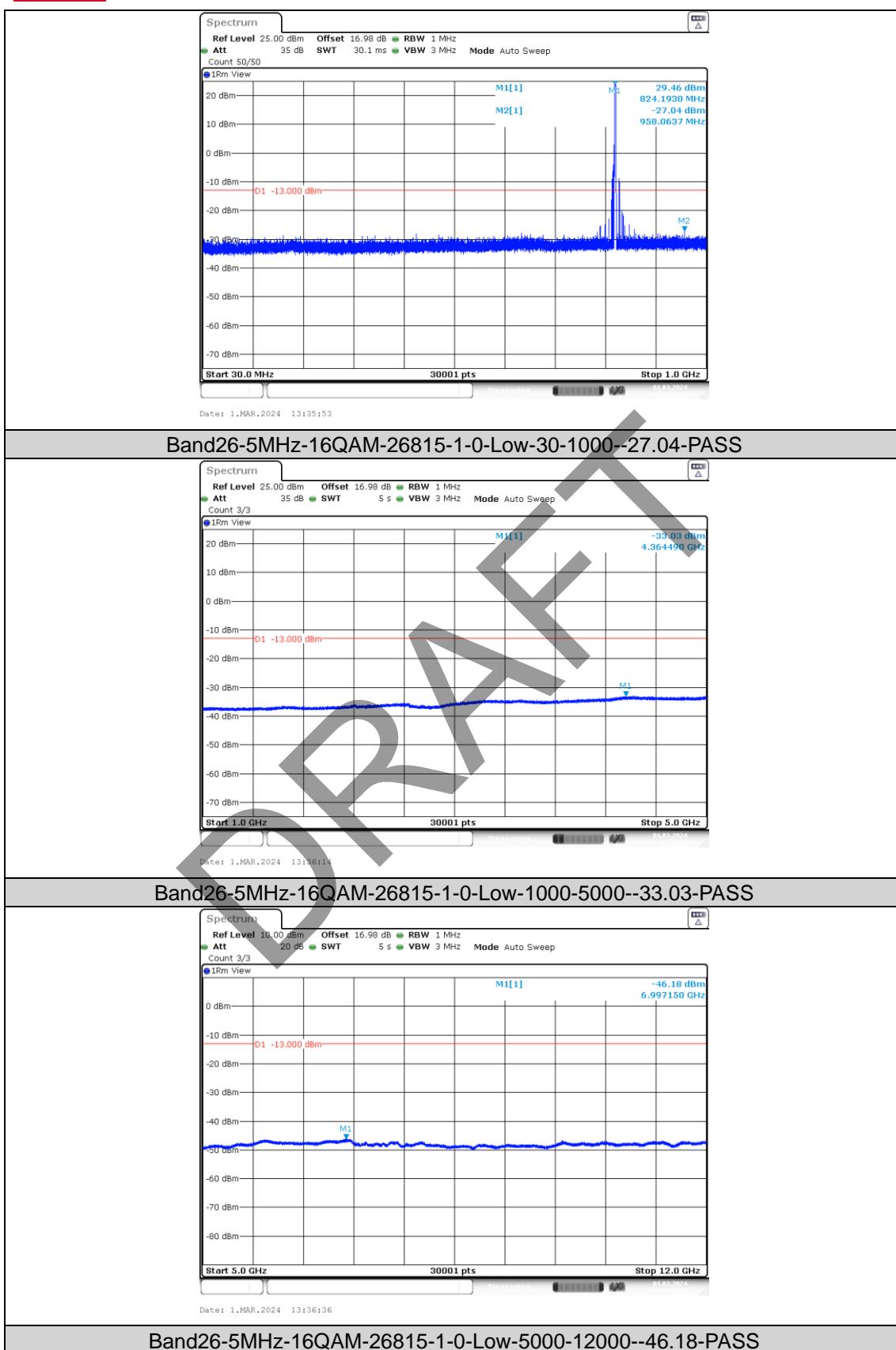
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

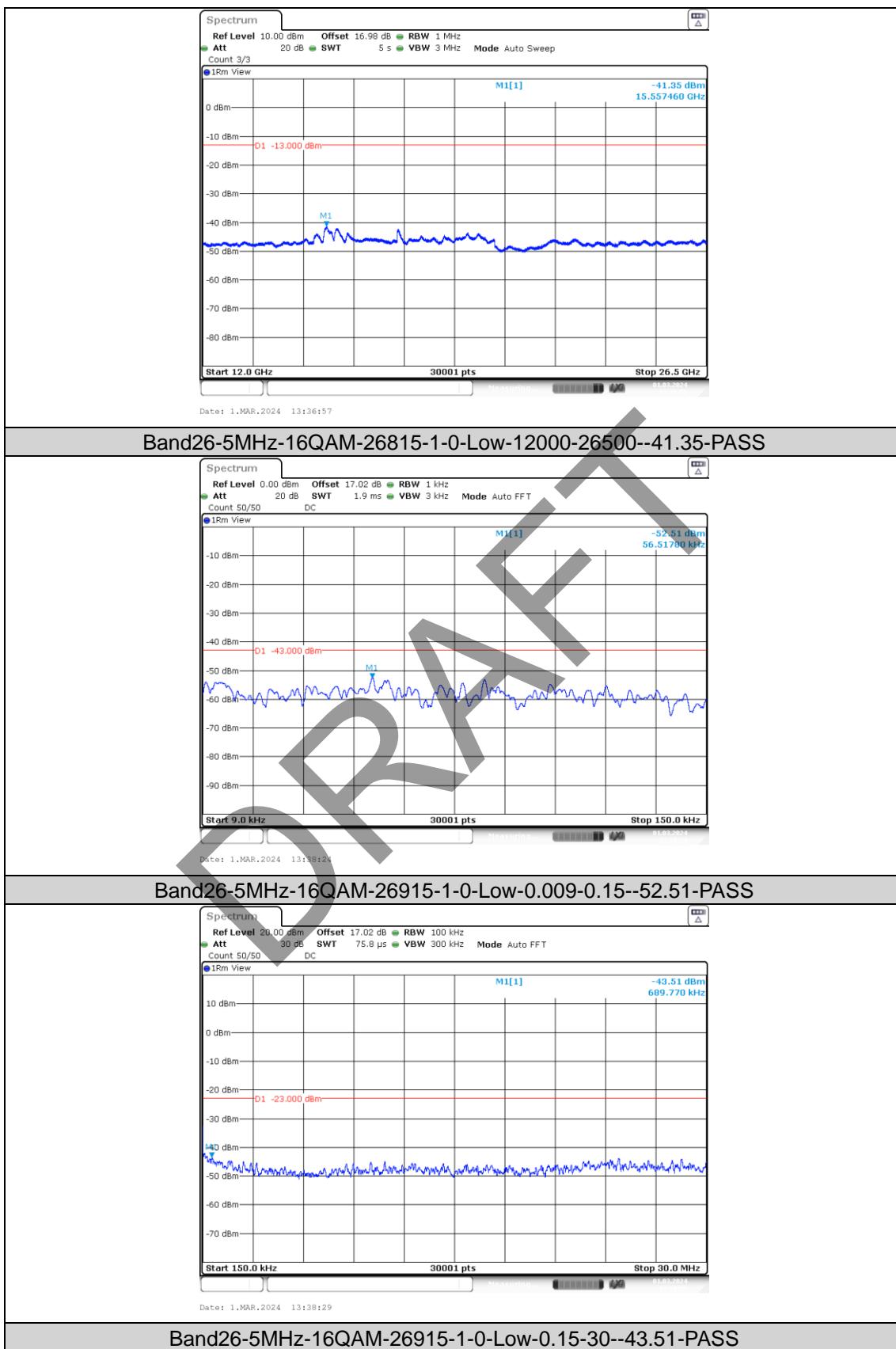
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

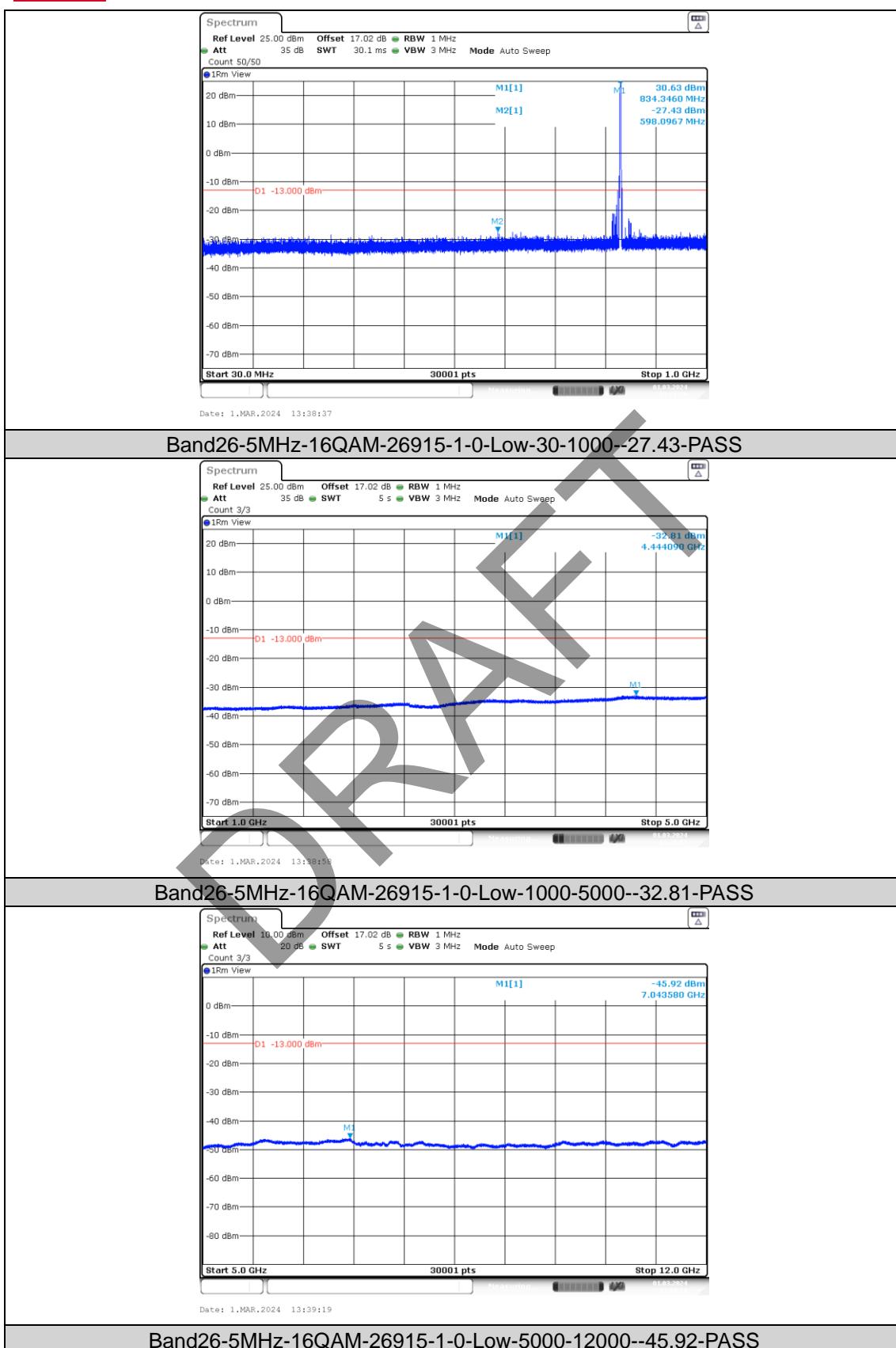
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

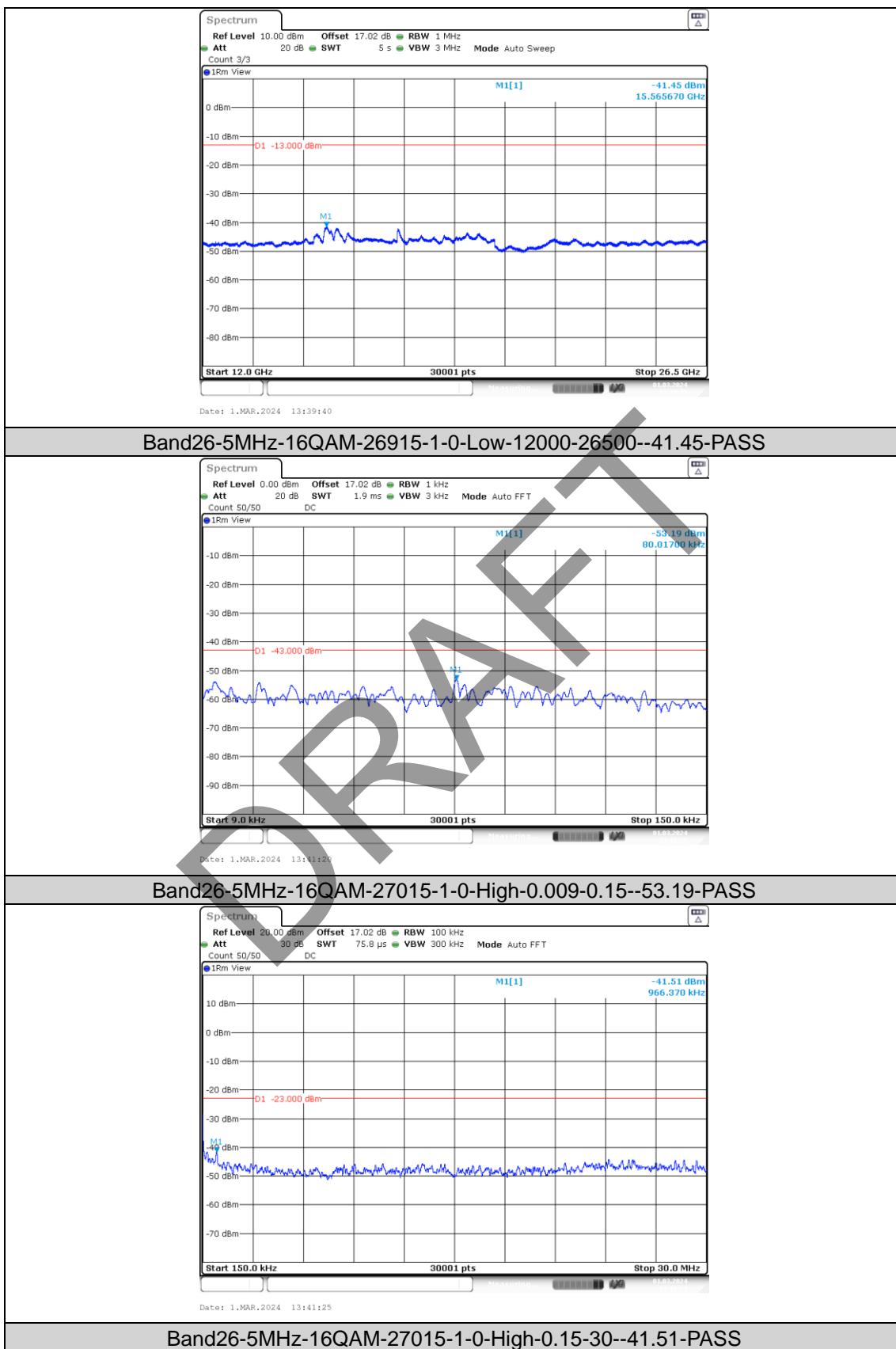
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

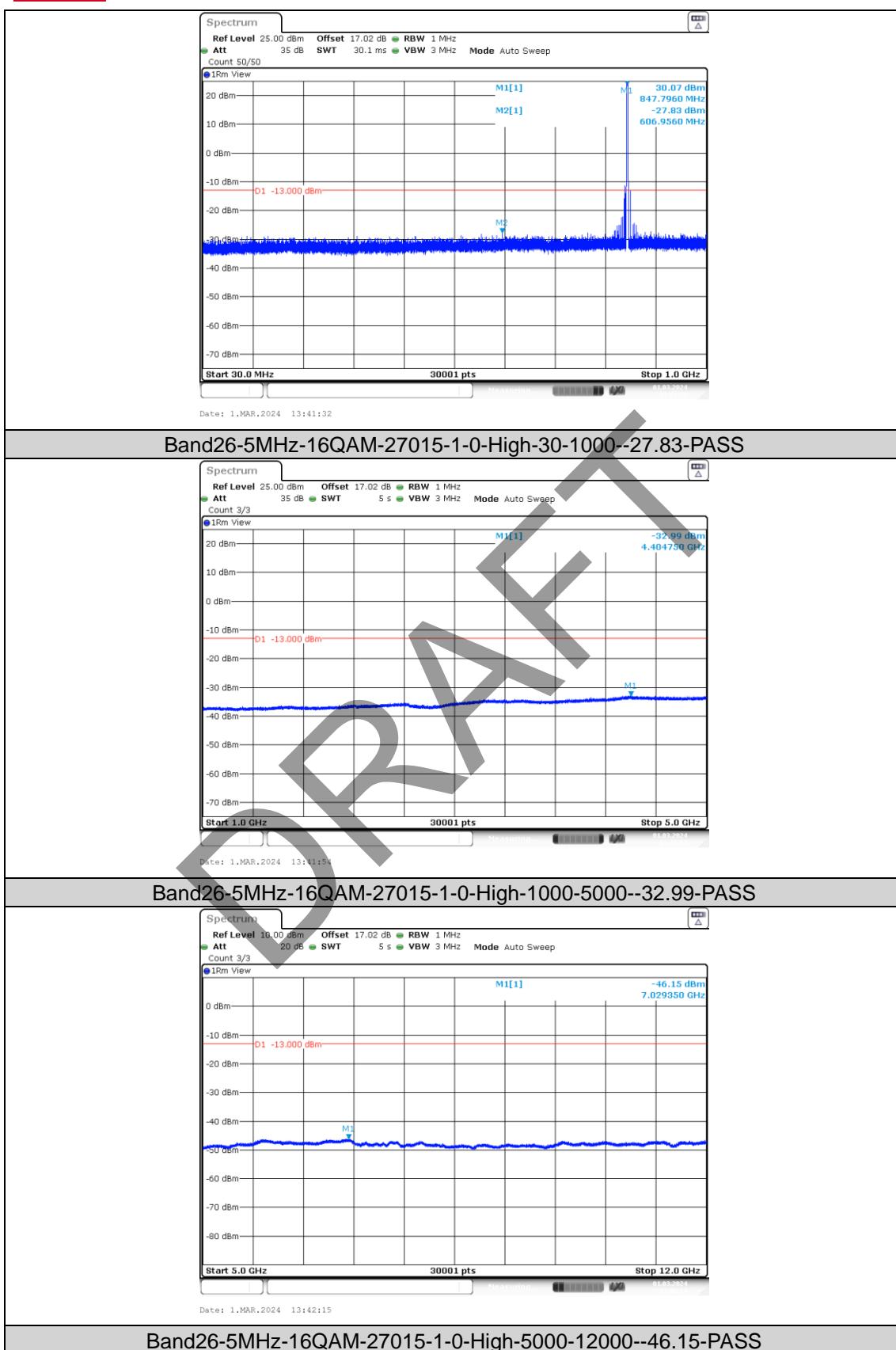
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

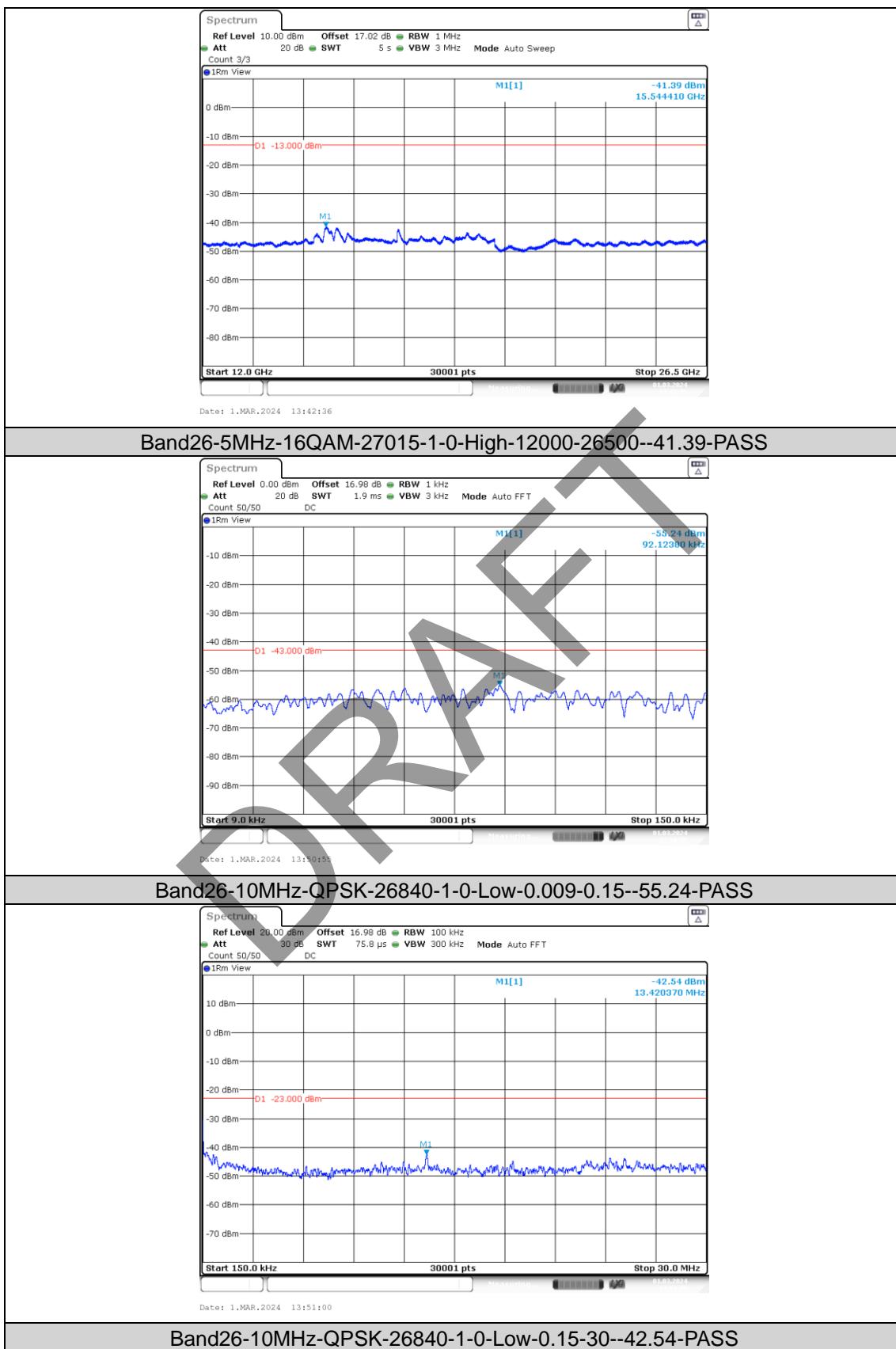
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

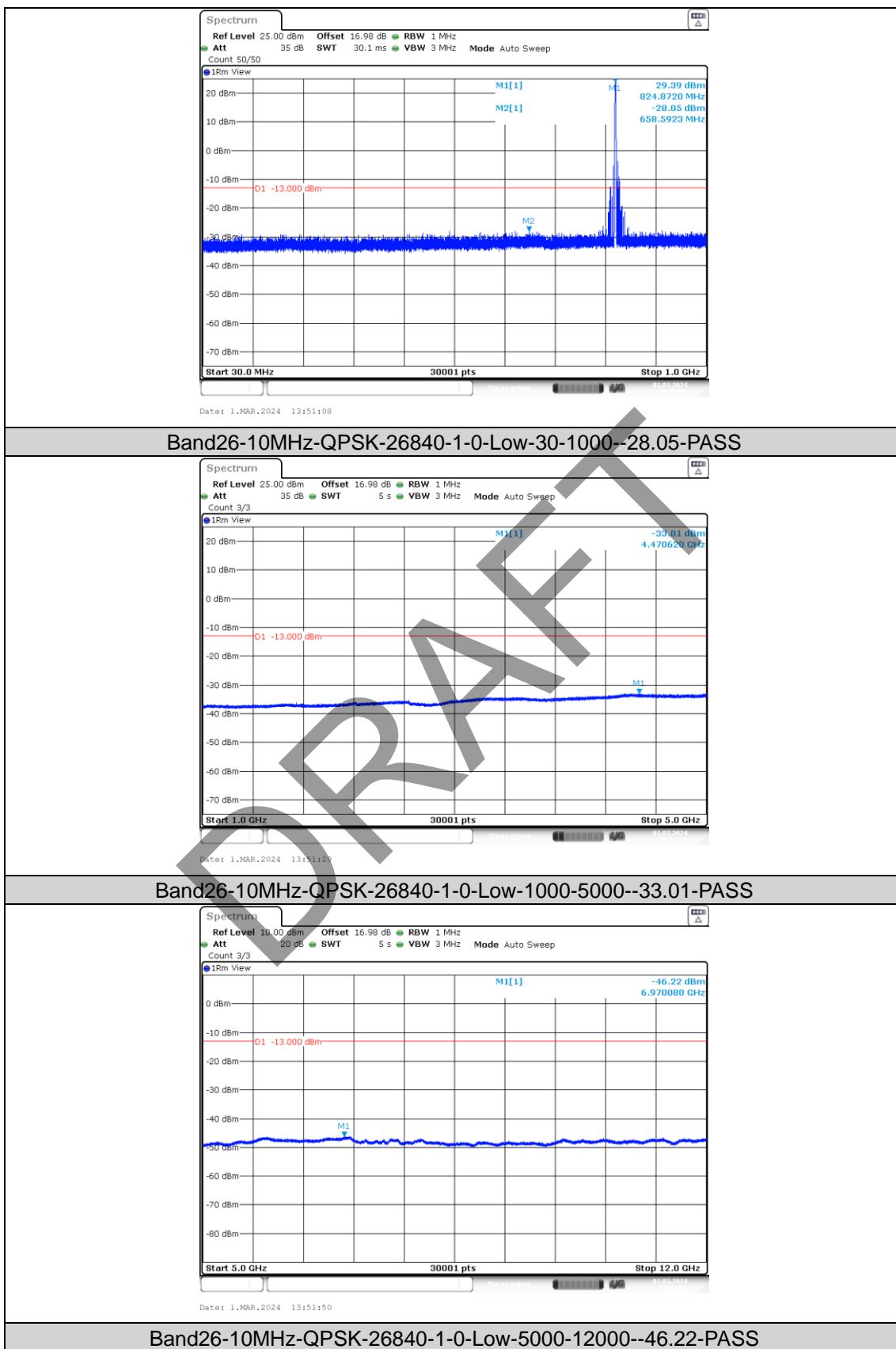
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

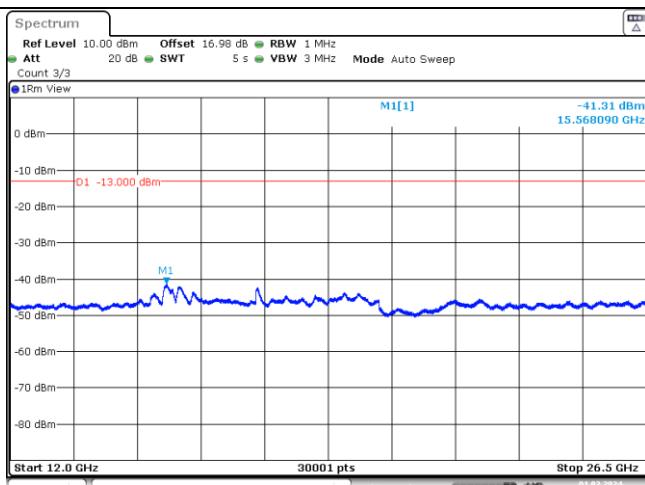
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

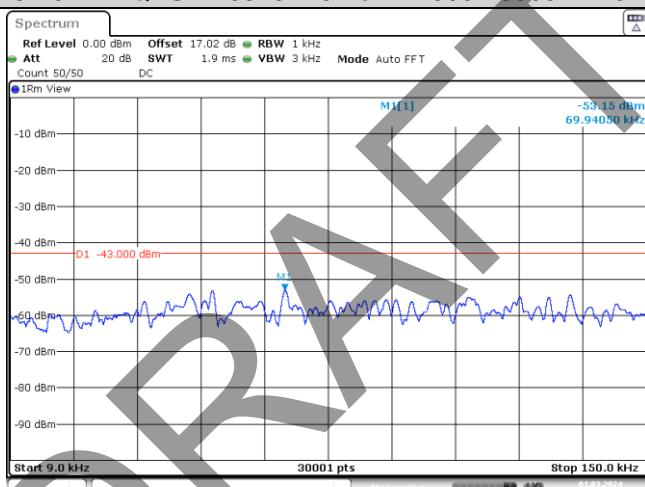


BUREAU
VERITAS

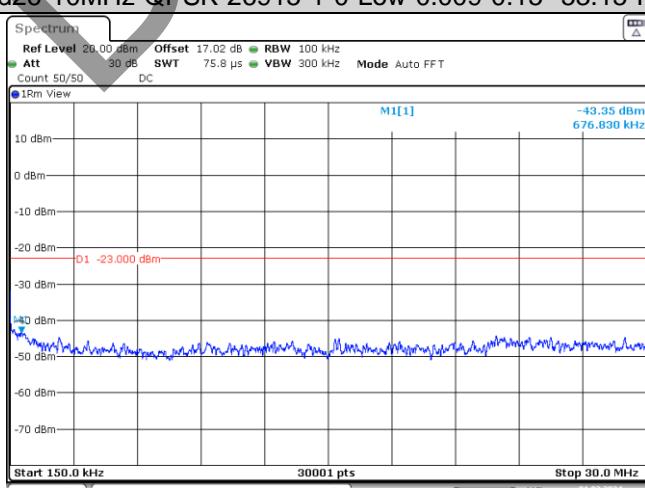
Test Report No.: W7L-P23120015RI01



Band26-10MHz-QPSK-26840-1-0-Low-12000-26500--41.31-PASS



Band26-10MHz-QPSK-26915-1-0-Low-0.009-0.15--53.15-PASS



Band26-10MHz-QPSK-26915-1-0-Low-0.15-30--43.35-PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

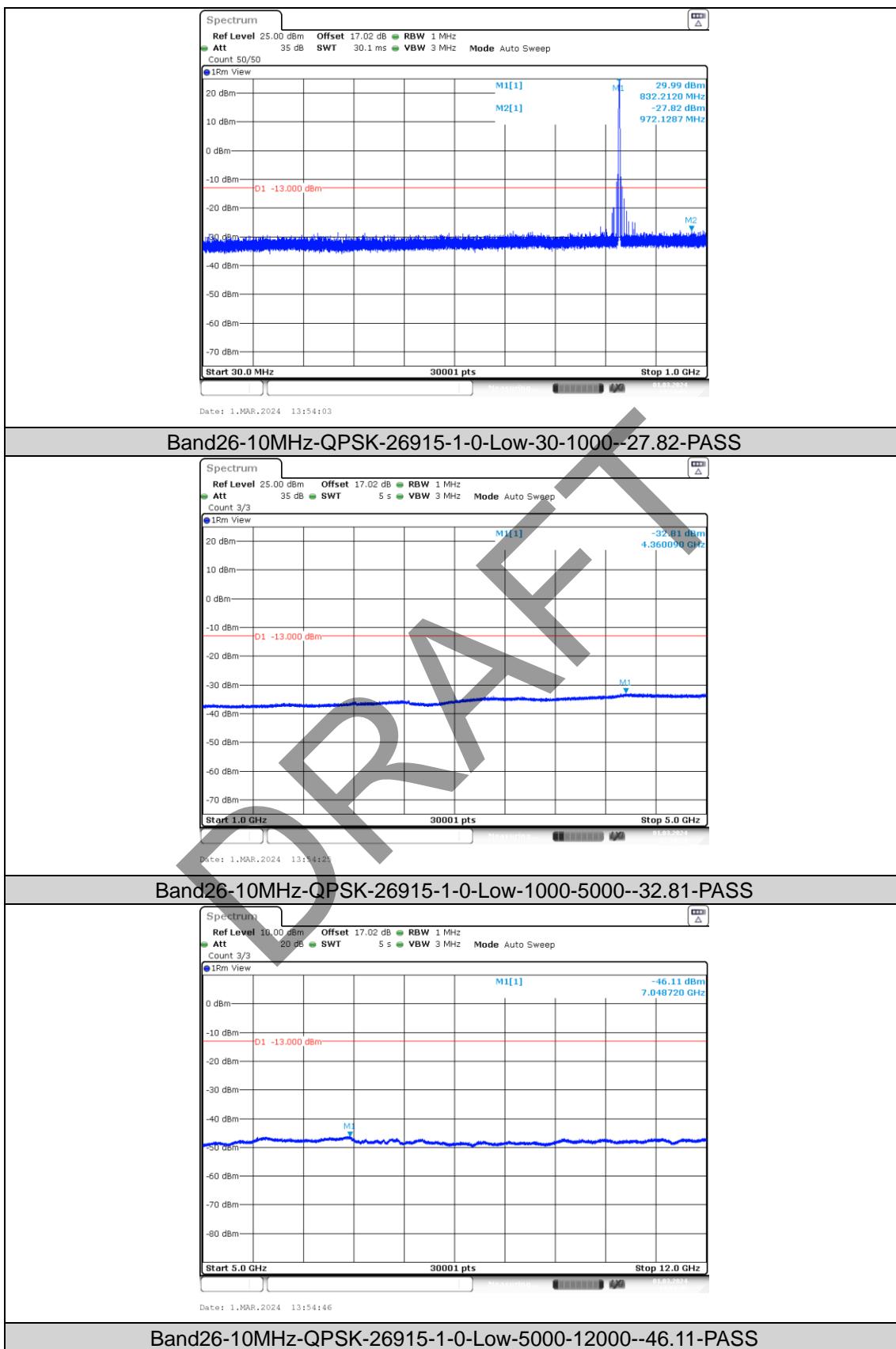
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

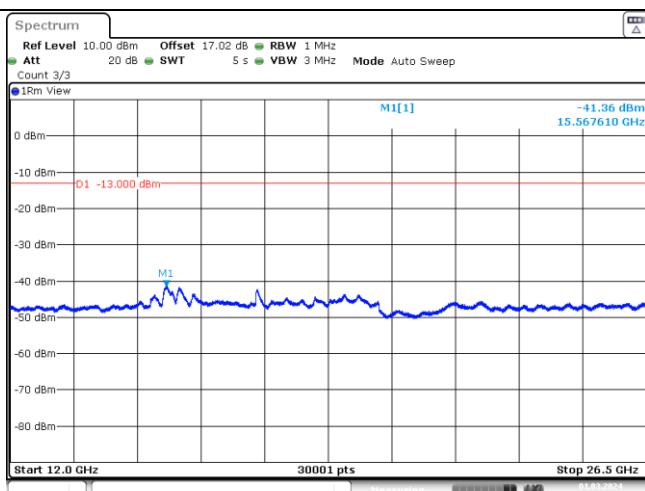
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

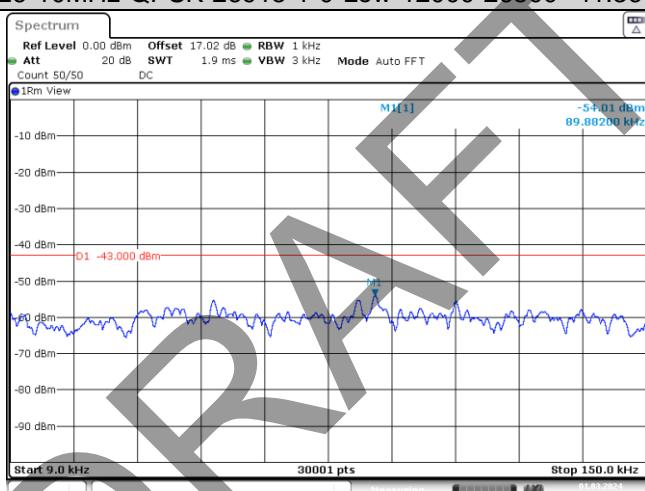


BUREAU
VERITAS

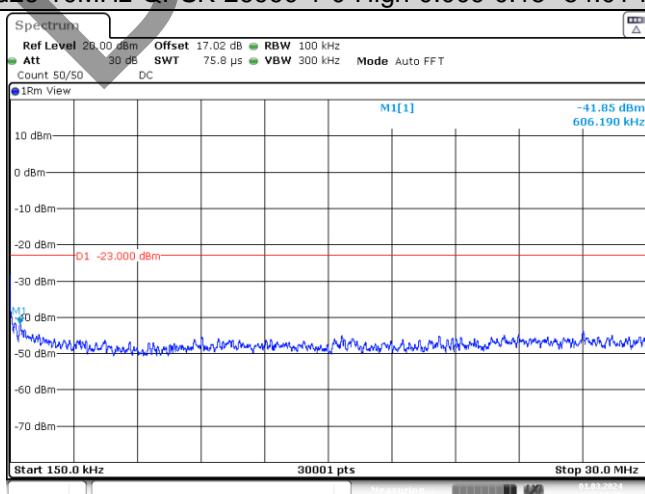
Test Report No.: W7L-P23120015RI01



Band26-10MHz-QPSK-26915-1-0-Low-12000-26500--41.36-PASS



Band26-10MHz-QPSK-26990-1-0-High-0.009-0.15--54.01-PASS



Band26-10MHz-QPSK-26990-1-0-High-0.15-30--41.85-PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

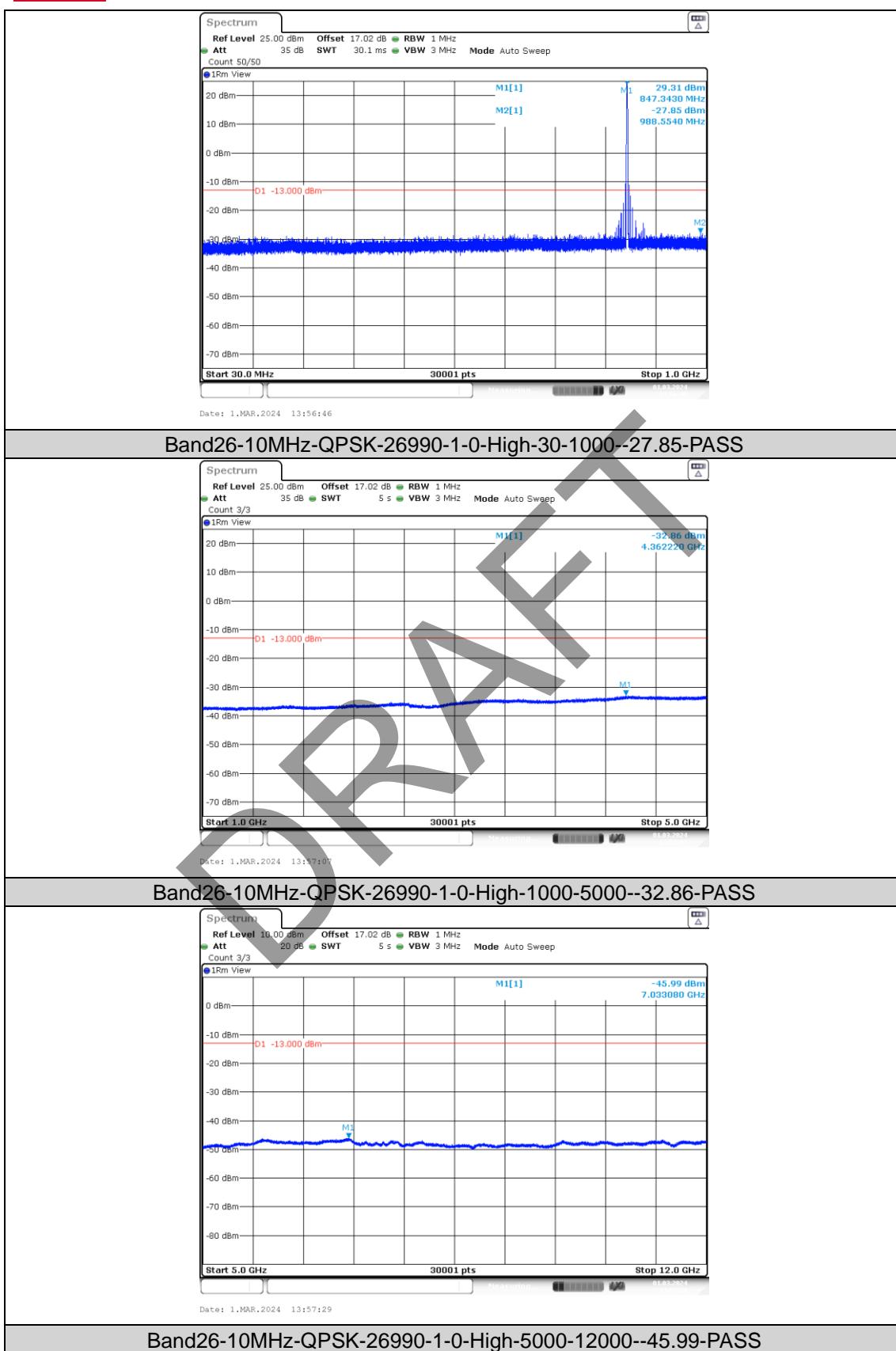
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

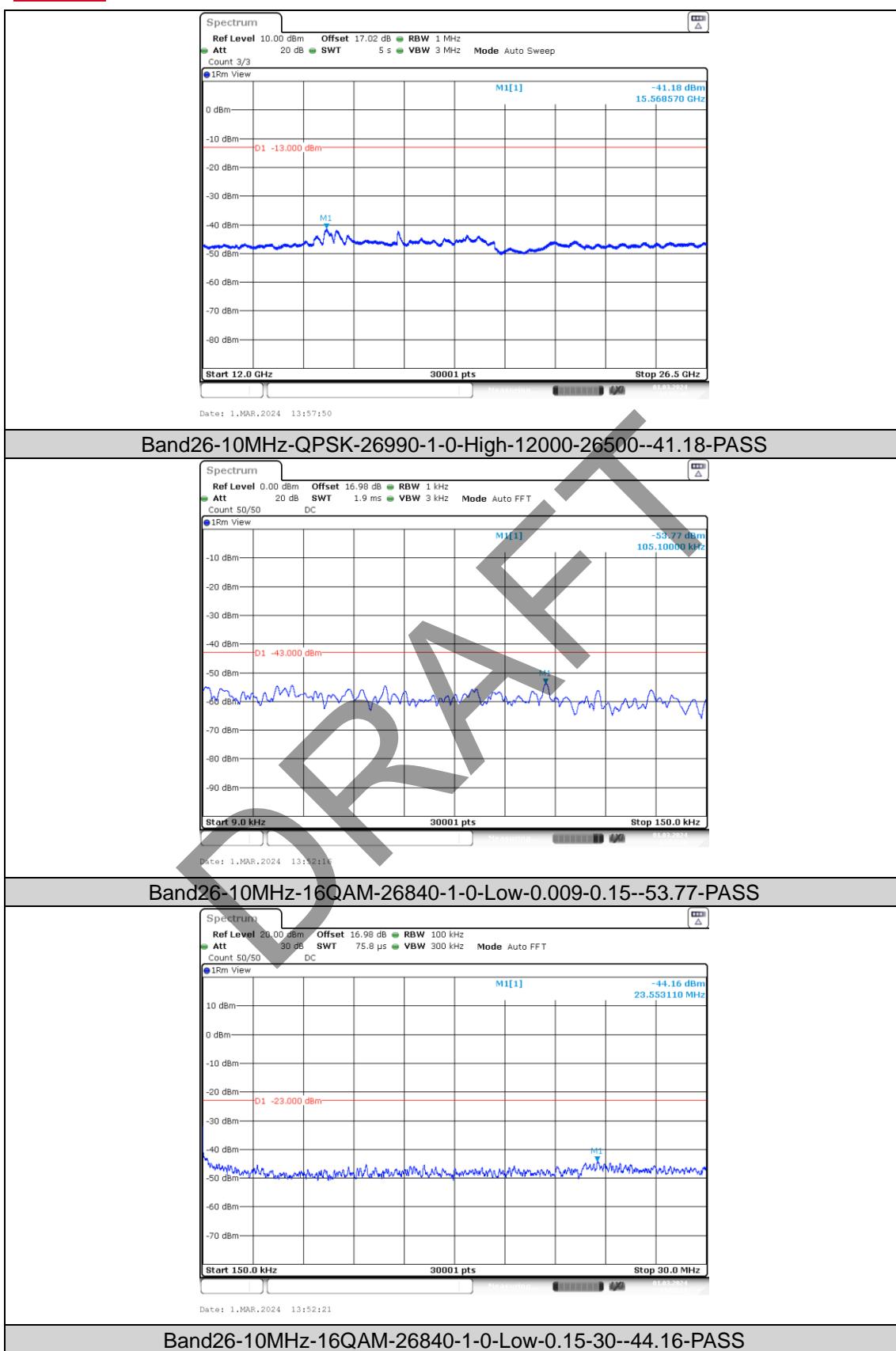
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

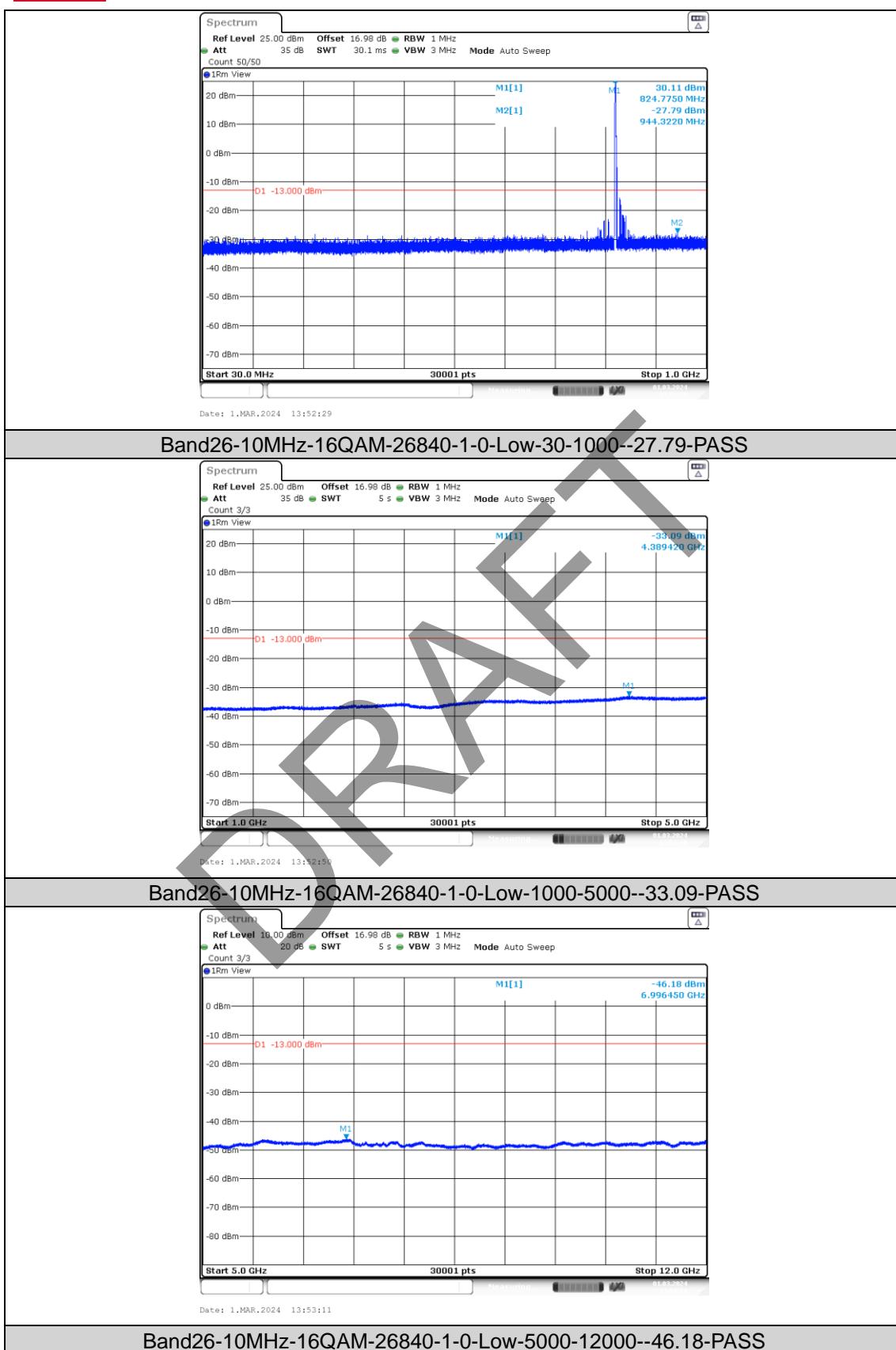
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

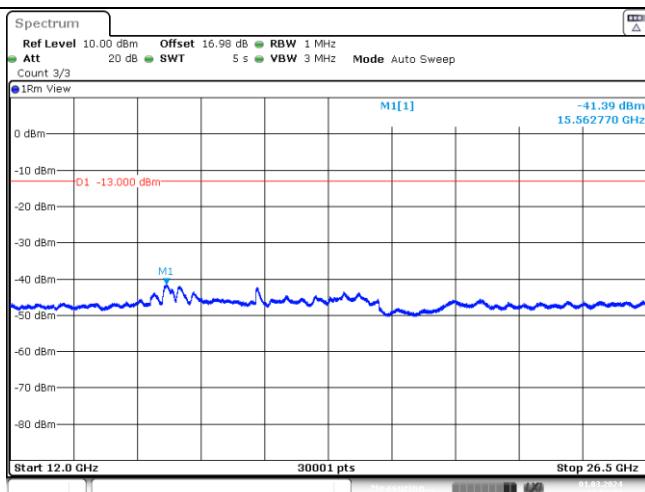
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

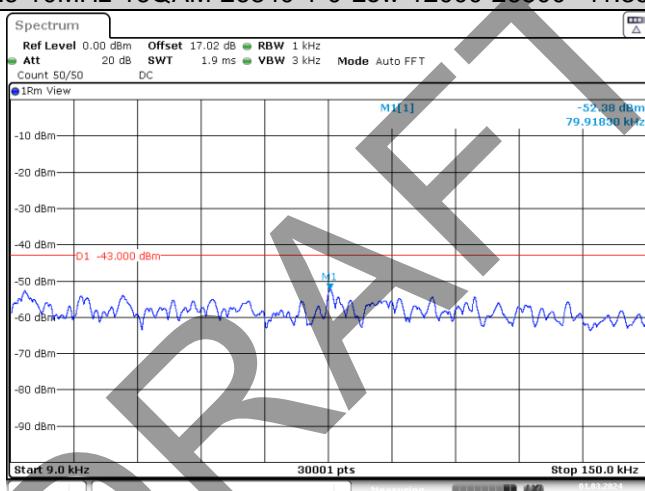


BUREAU
VERITAS

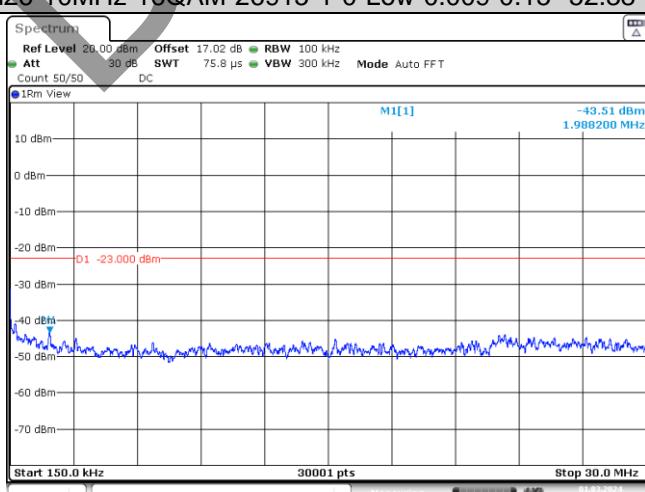
Test Report No.: W7L-P23120015RI01



Band26-10MHz-16QAM-26840-1-0-Low-12000-26500--41.39-PASS



Band26-10MHz-16QAM-26915-1-0-Low-0.009-0.15--52.38-PASS



Band26-10MHz-16QAM-26915-1-0-Low-0.15-30--43.51-PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

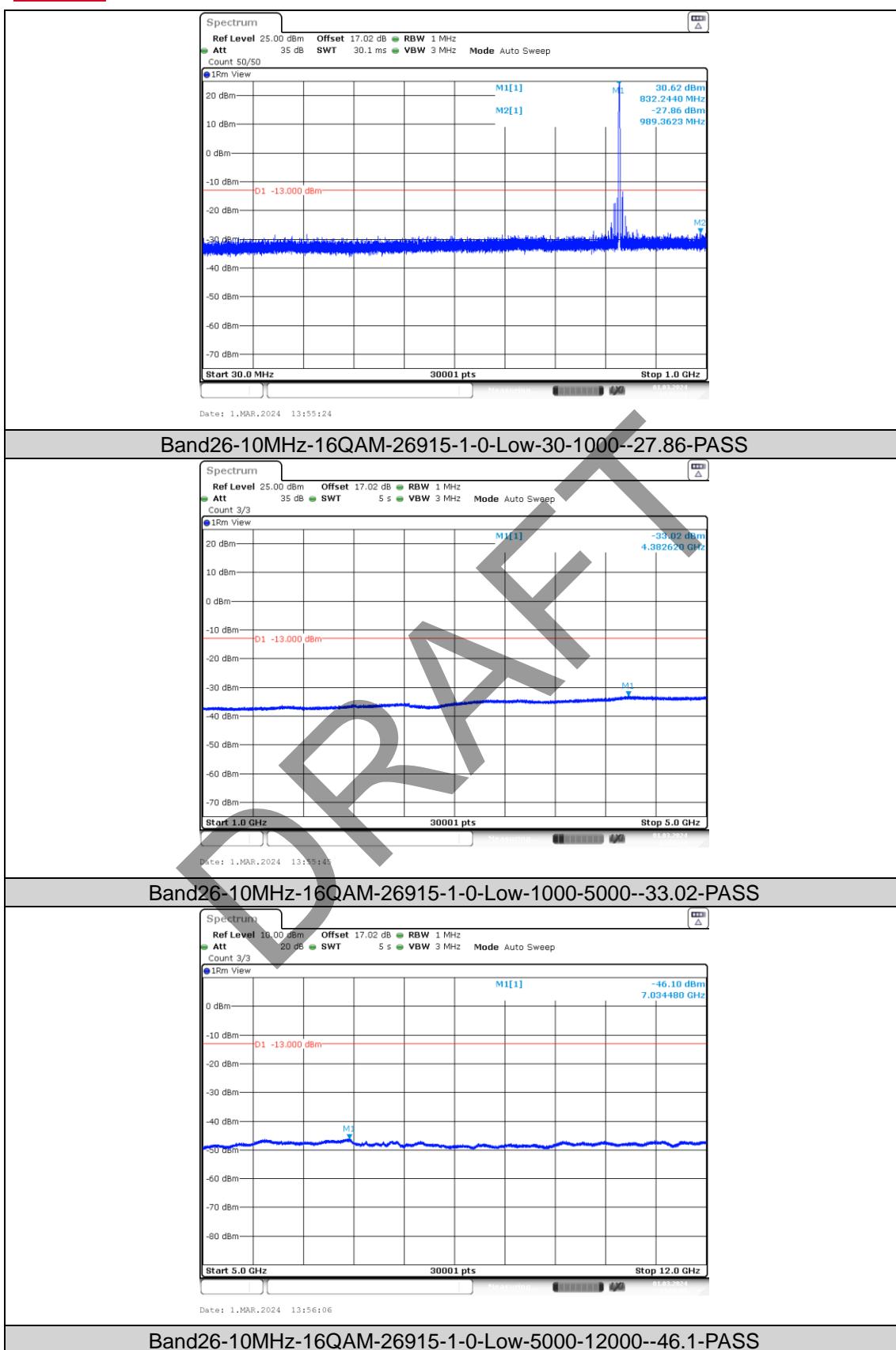
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

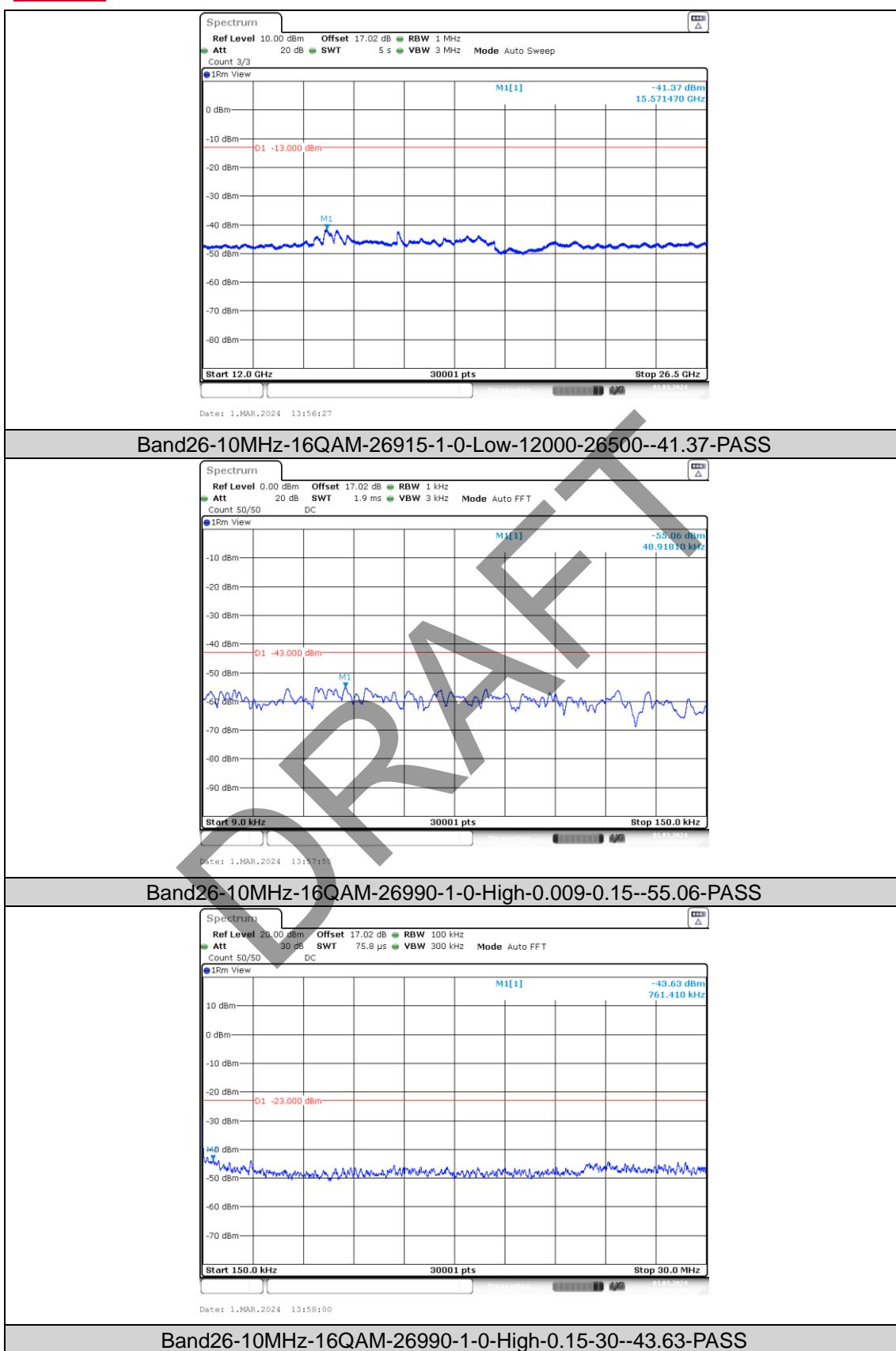
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

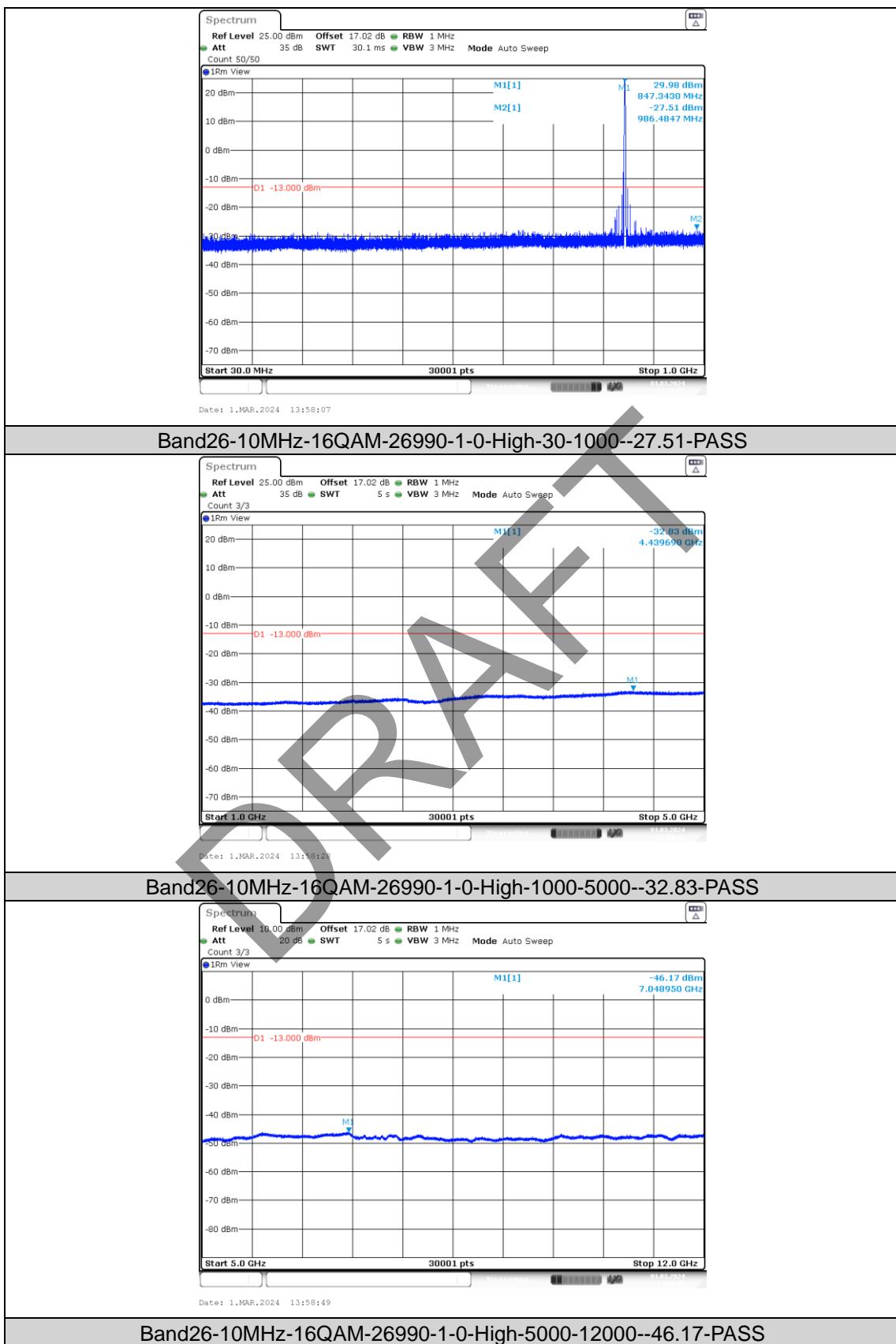
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

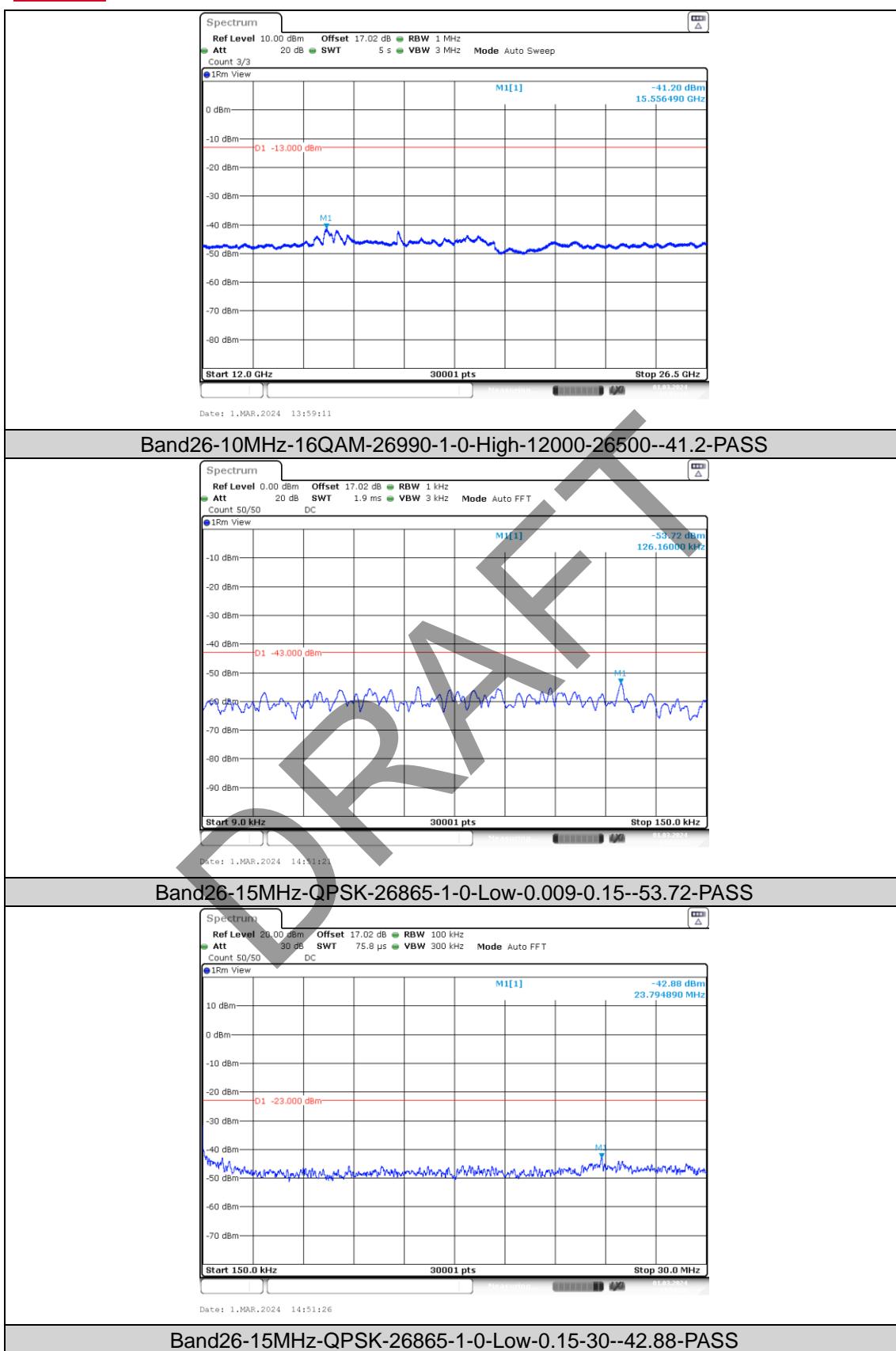
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

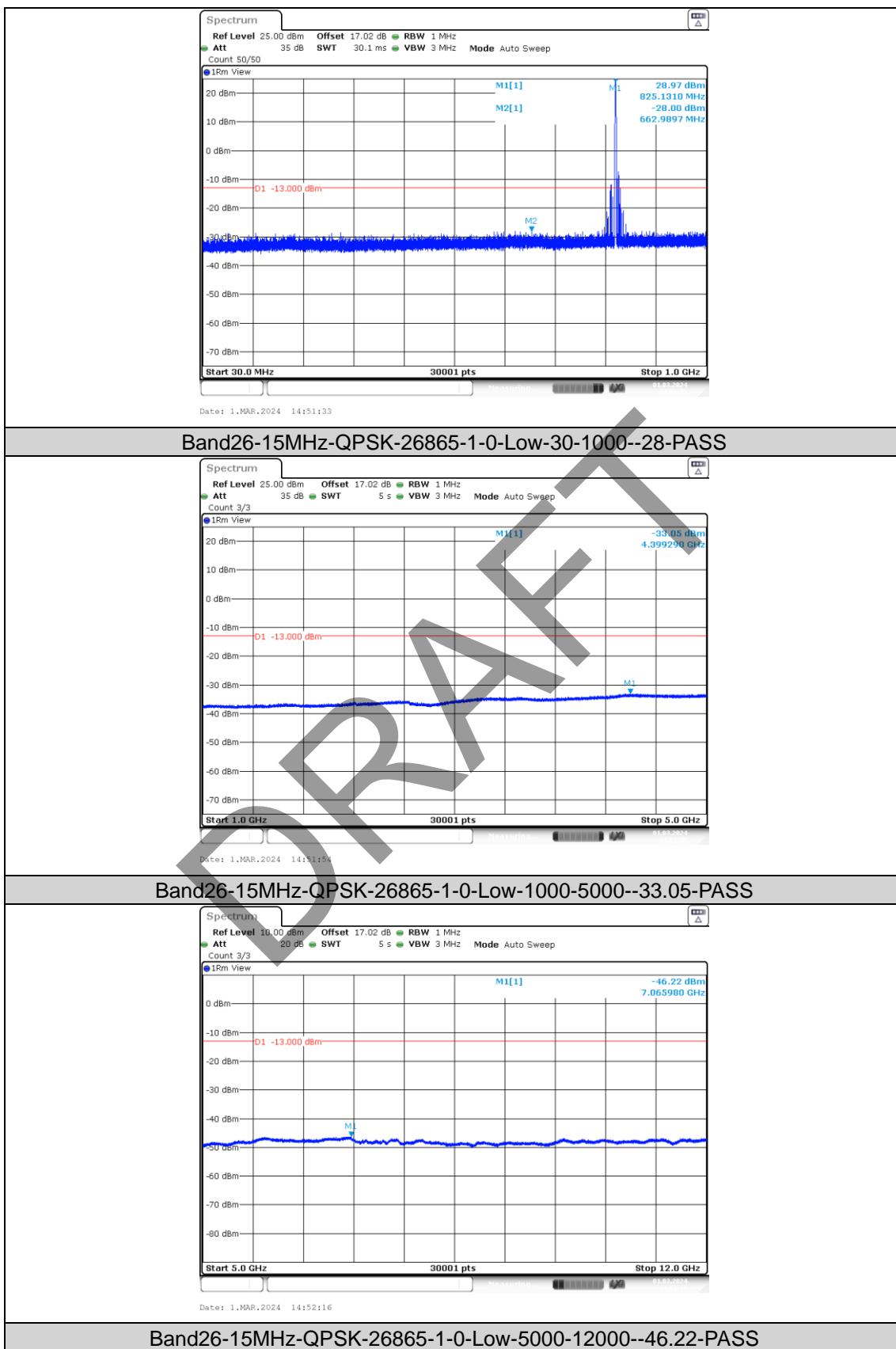
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

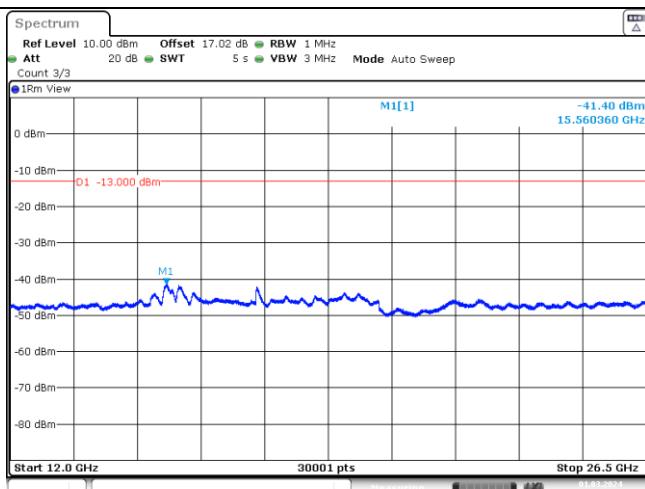
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

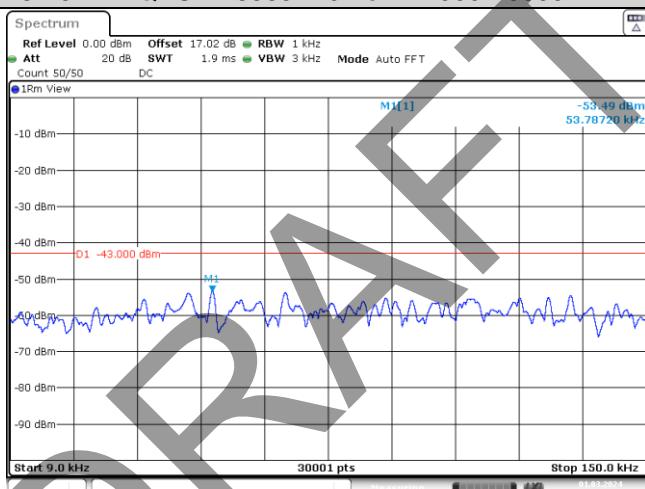


BUREAU
VERITAS

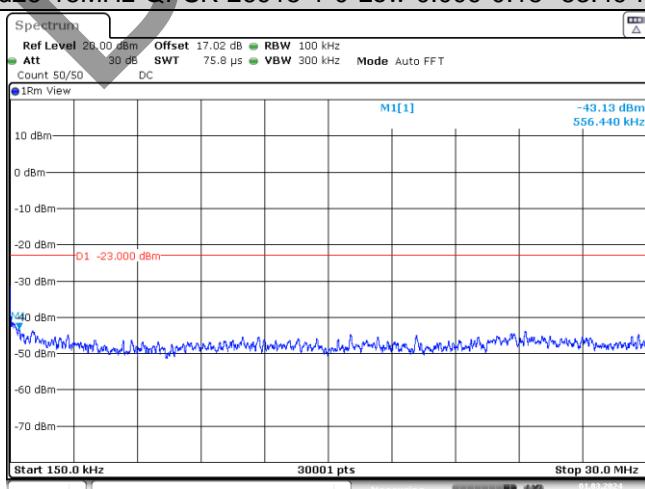
Test Report No.: W7L-P23120015RI01



Band26-15MHz-QPSK-26865-1-0-Low-12000-26500--41.4-PASS



Band26-15MHz-QPSK-26915-1-0-Low-0.009-0.15--53.49-PASS



Band26-15MHz-QPSK-26915-1-0-Low-0.15-30--43.13-PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

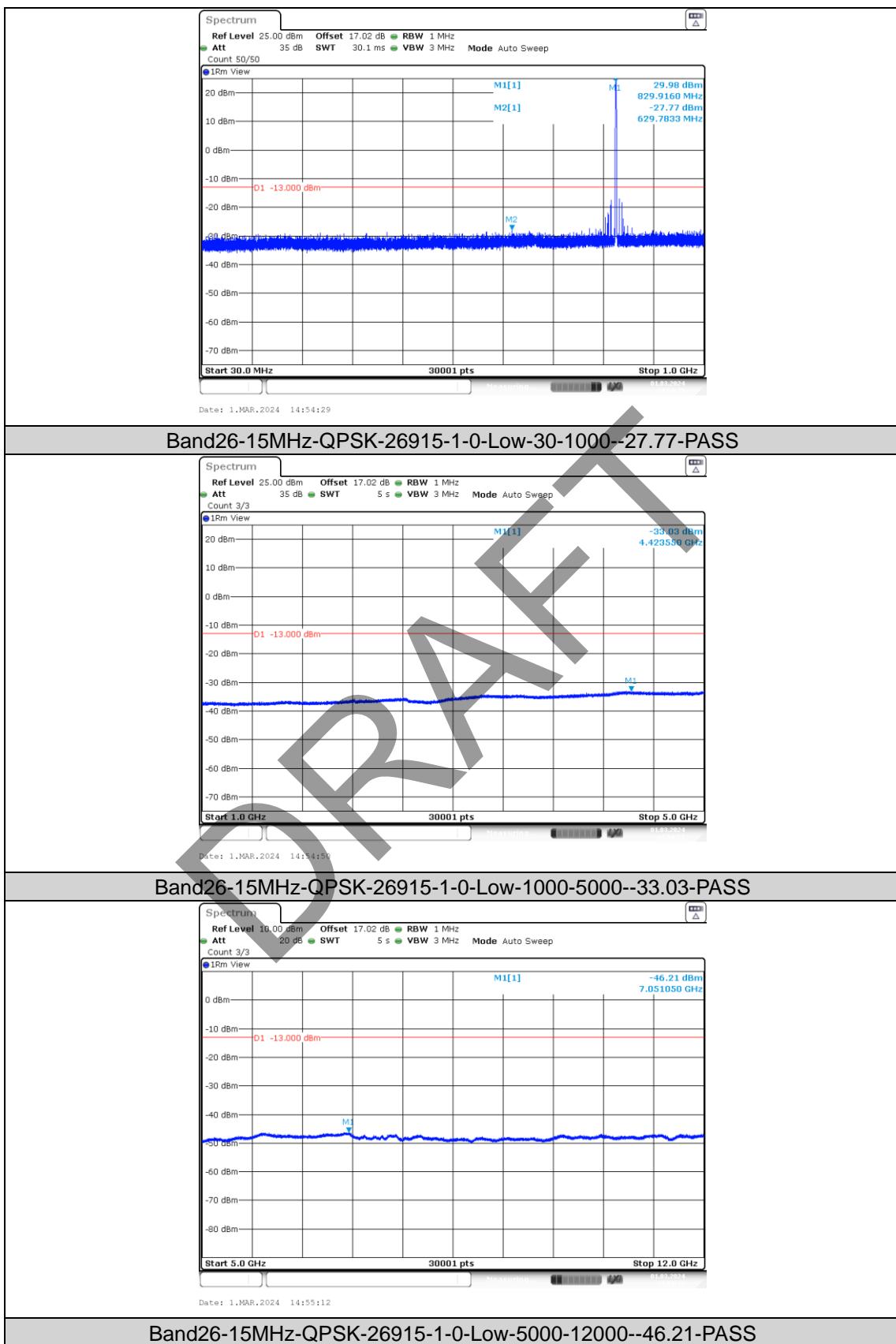
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

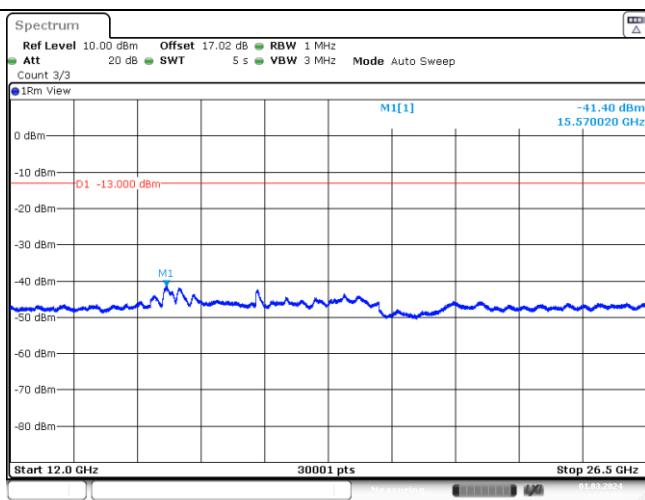
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

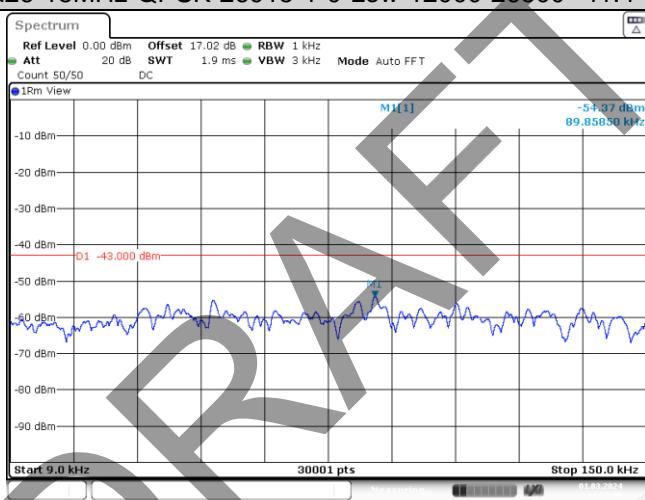


BUREAU
VERITAS

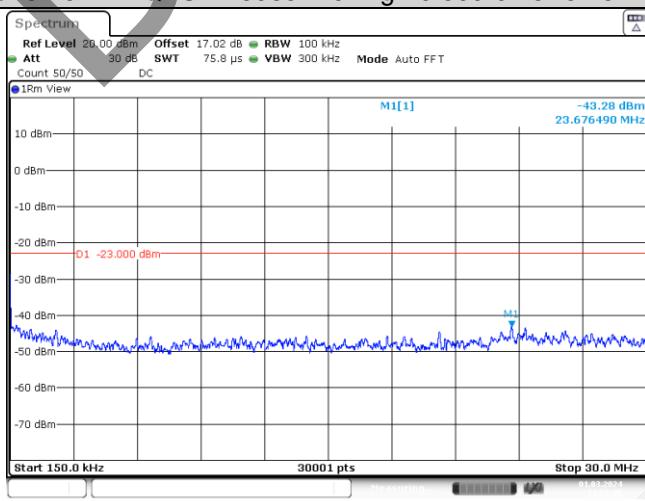
Test Report No.: W7L-P23120015RI01



Band26-15MHz-QPSK-26915-1-0-Low-12000-26500--41.4-PASS



Band26-15MHz-QPSK-26965-1-0-High-0.009-0.15--54.37-PASS



Band26-15MHz-QPSK-26965-1-0-High-0.15-30--43.28-PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

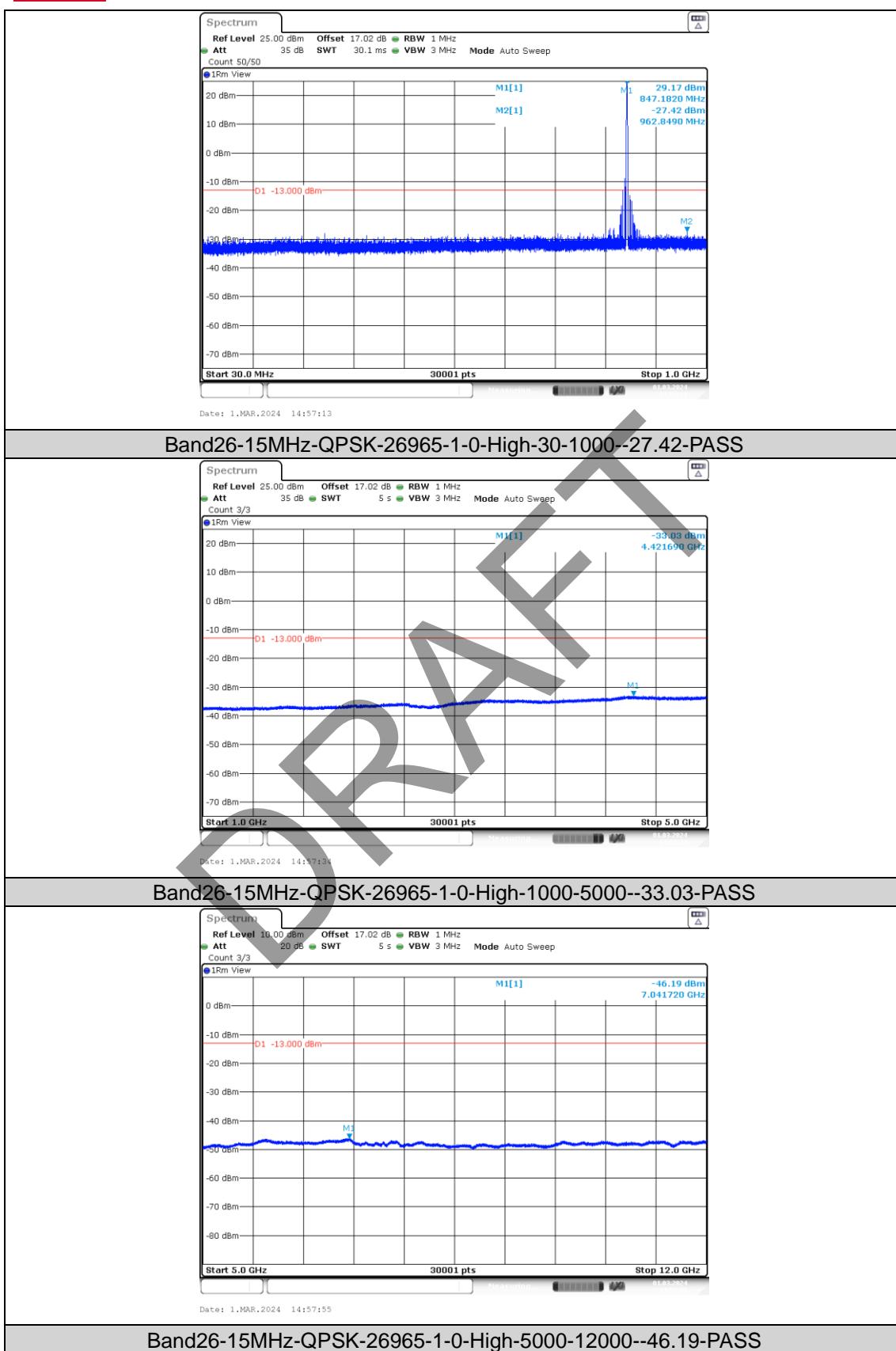
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

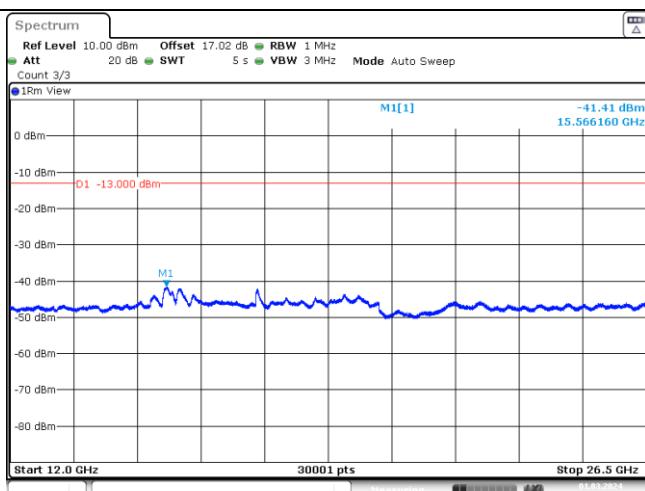
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

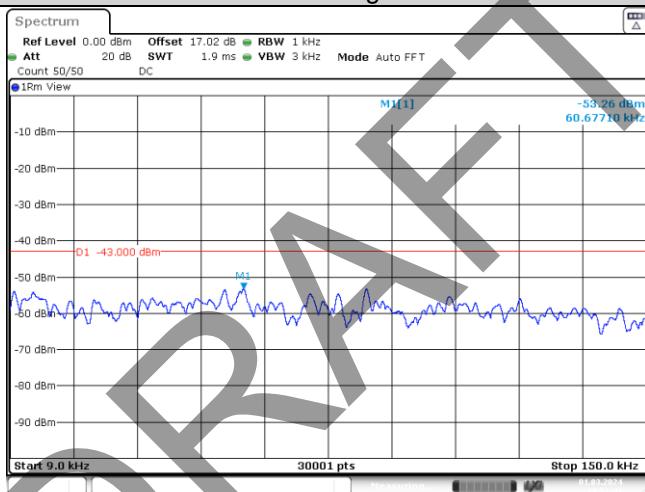


BUREAU
VERITAS

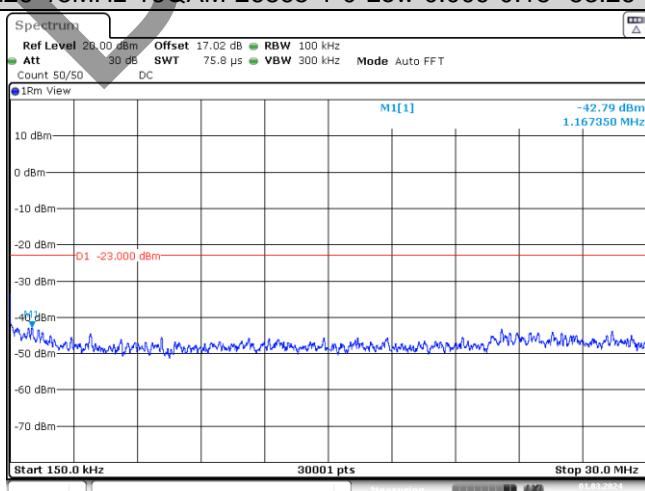
Test Report No.: W7L-P23120015RI01



Band26-15MHz-QPSK-26965-1-0-High-12000-26500--41.41-PASS



Band26-15MHz-16QAM-26865-1-0-Low-0.009-0.15--53.26-PASS



Band26-15MHz-16QAM-26865-1-0-Low-0.15-30--42.79-PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

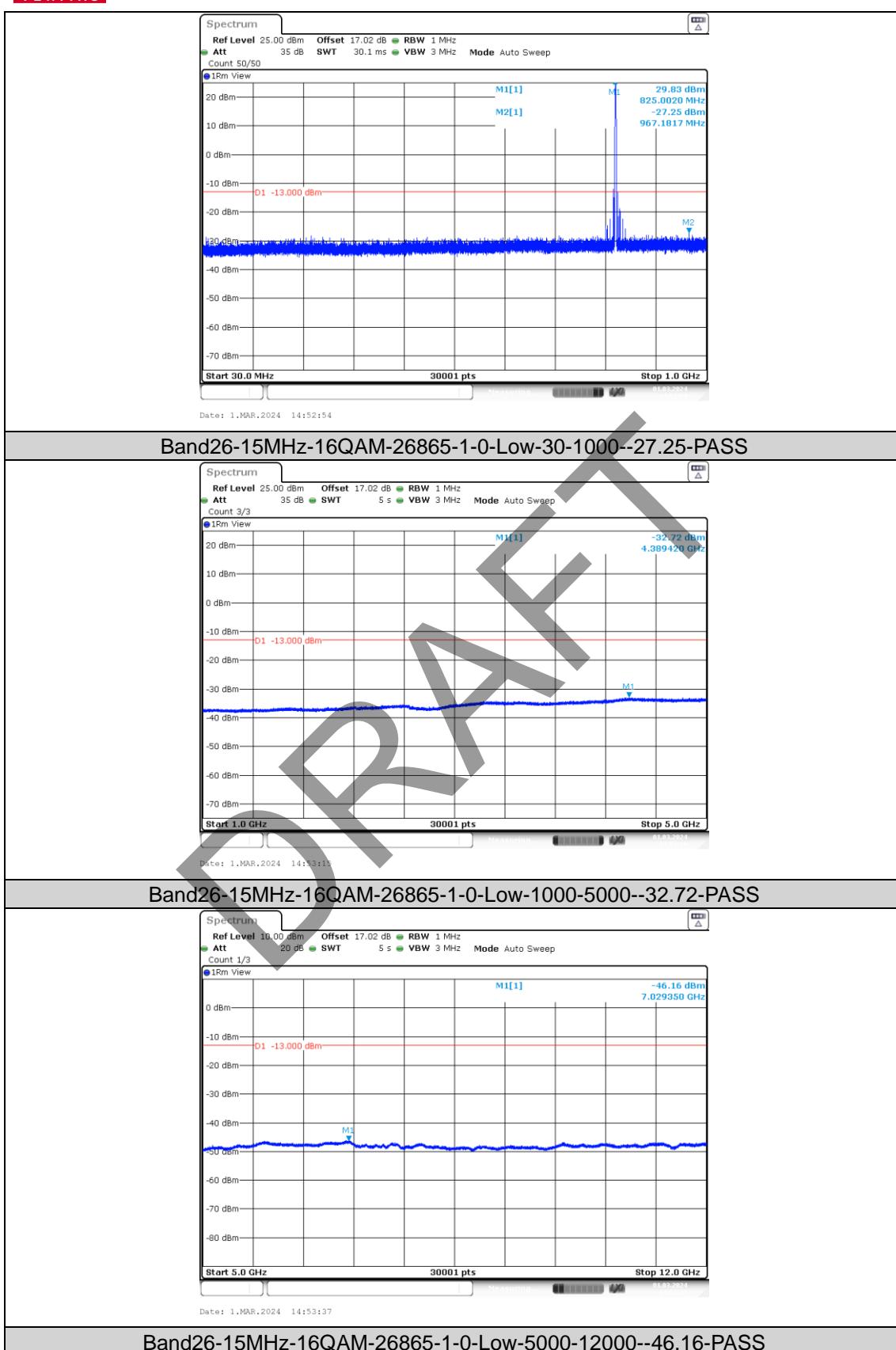
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

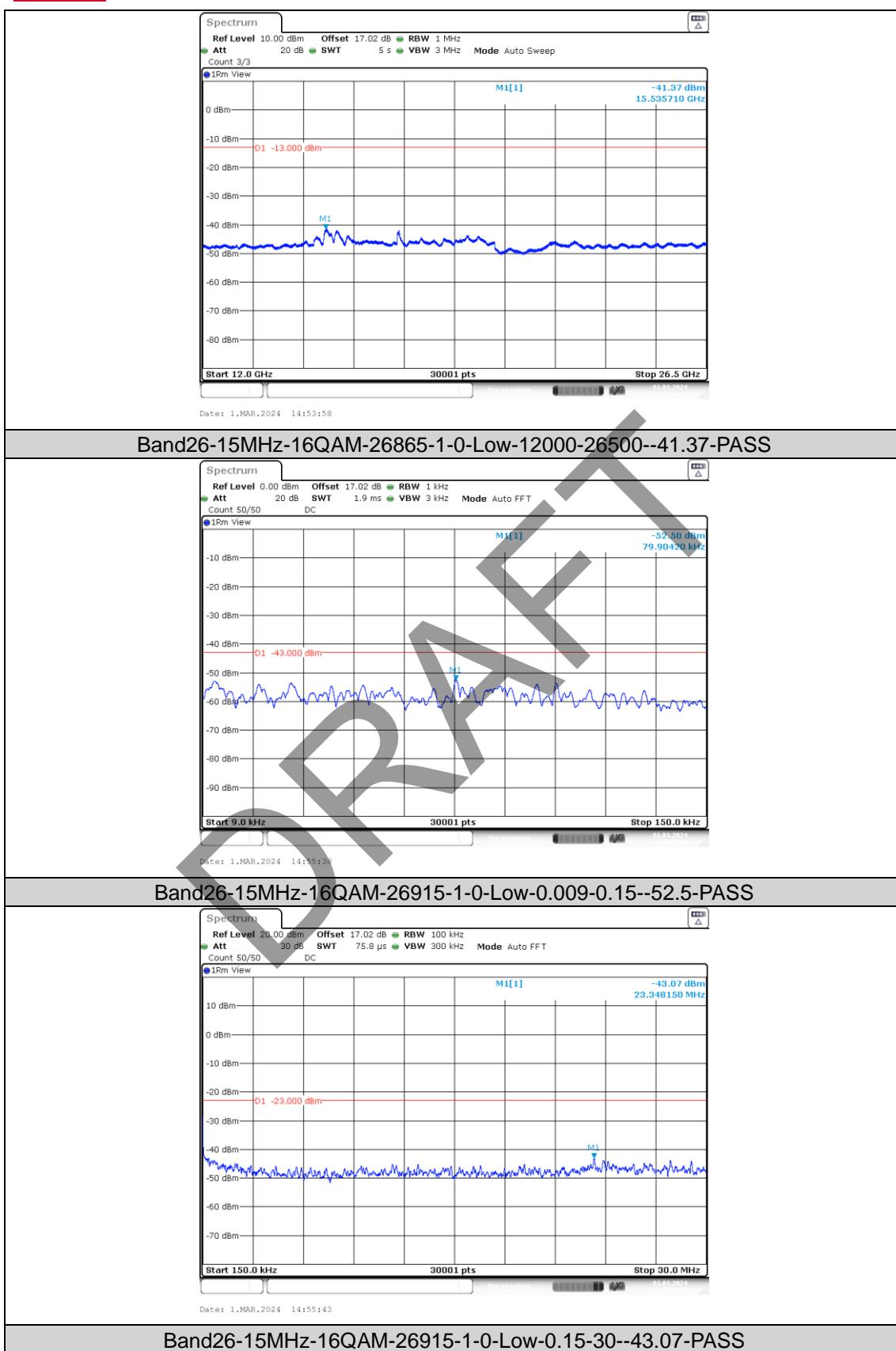
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

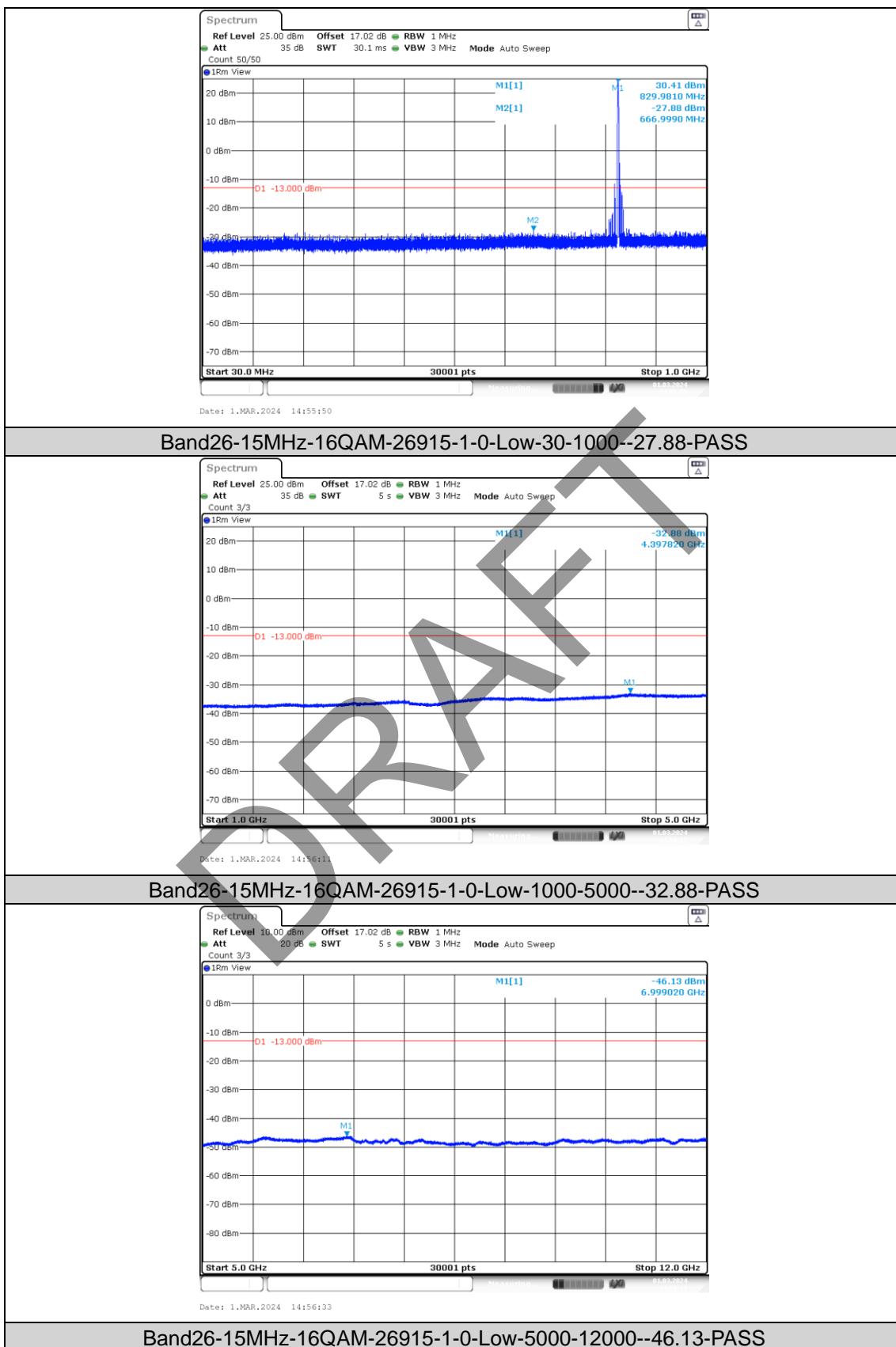
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

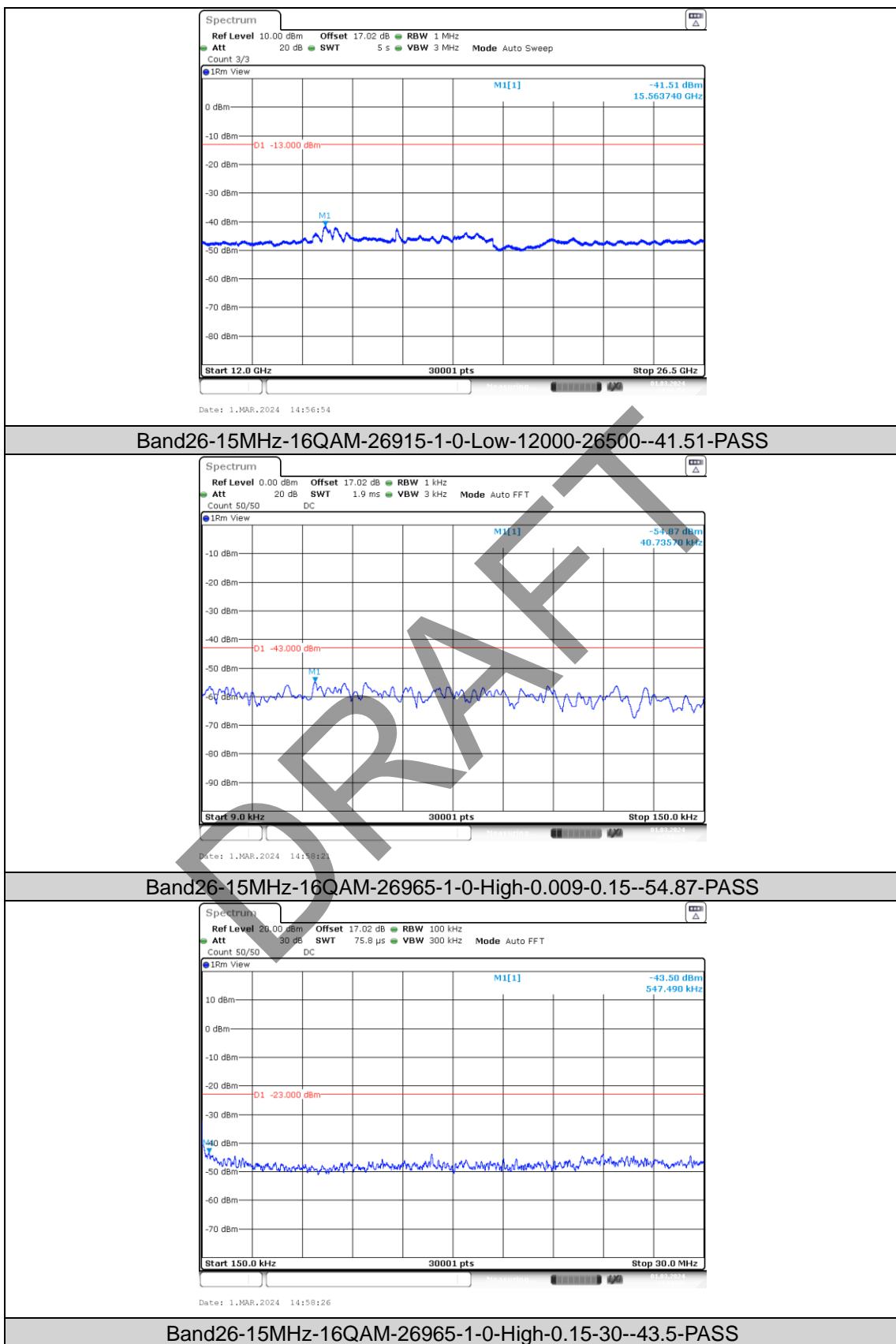
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

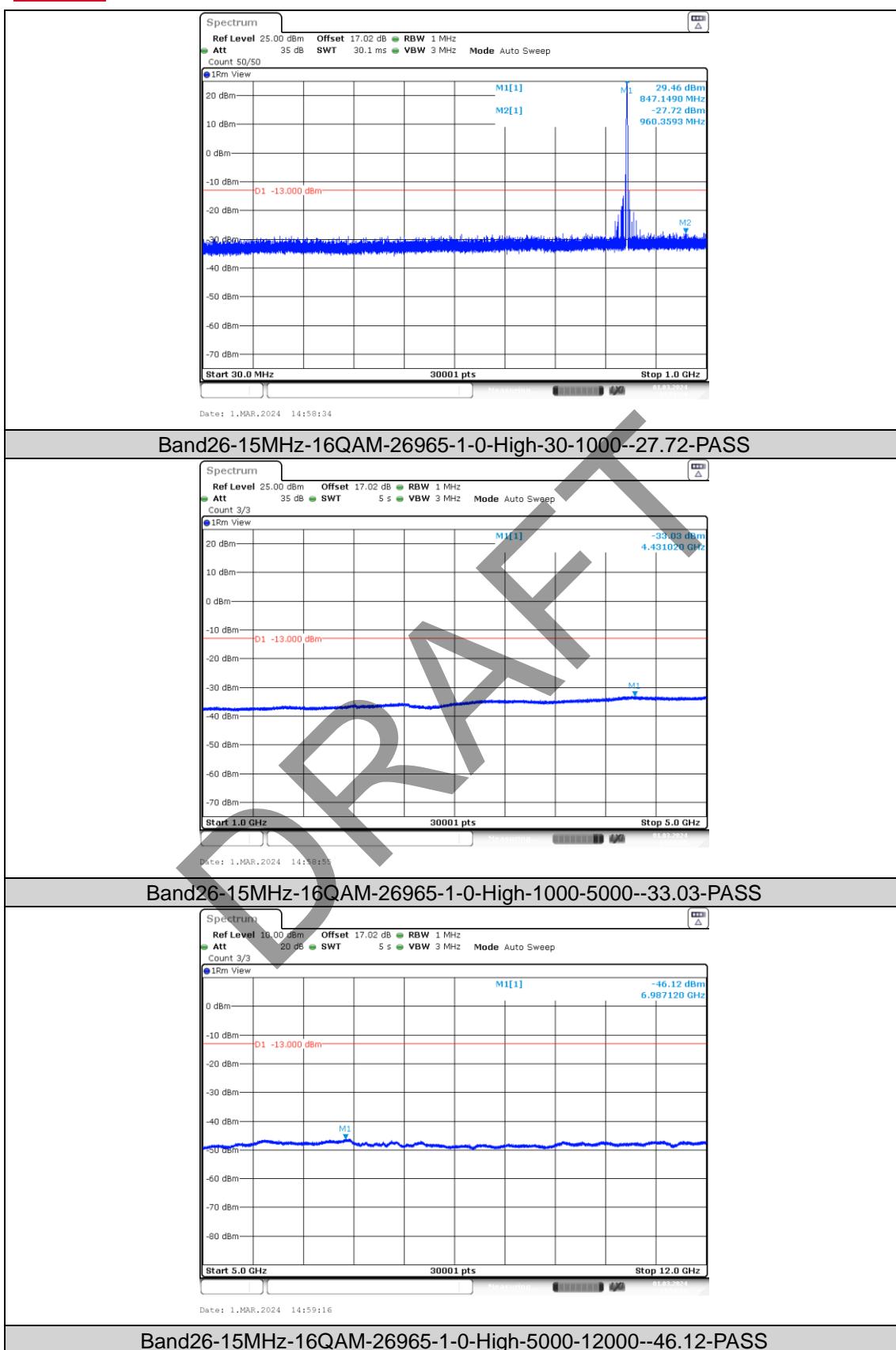
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

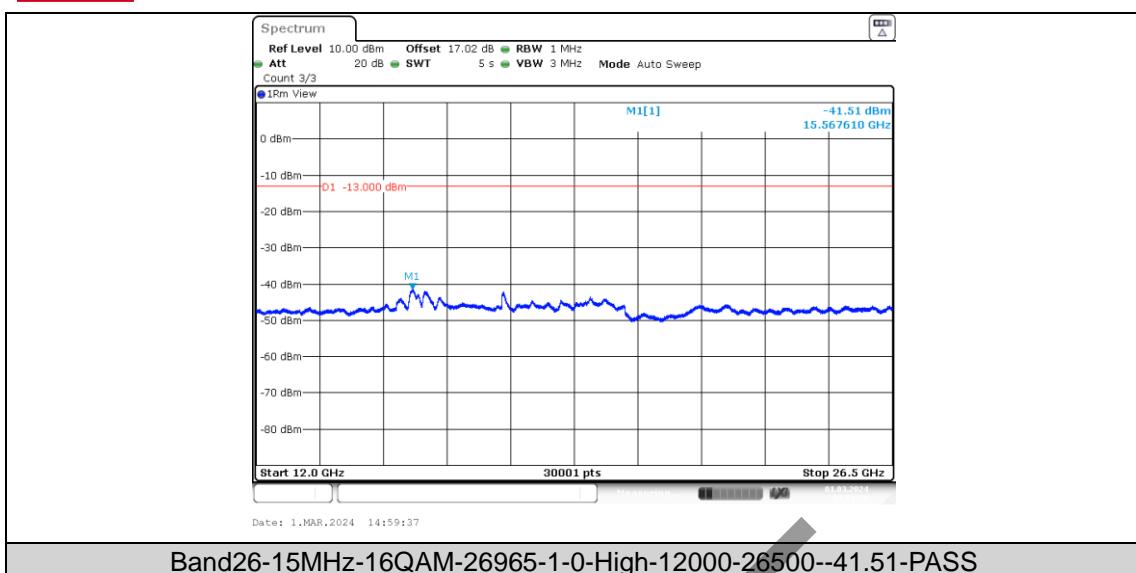
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01



DRAFT

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

FREQUENCY STABILITY FOR M1

GPRS 1900 Test Result

Band	Channel	Voltage					Verdict
		Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)		
GPRS850	128	VL	NT	14.92	0.018102	PASS	
GPRS850	128	VN	NT	10.72	0.013007	PASS	
GPRS850	128	VH	NT	15.08	0.018297	PASS	
GPRS850	190	VL	NT	13.56	0.016208	PASS	
GPRS850	190	VN	NT	13.37	0.015981	PASS	
GPRS850	190	VH	NT	13.66	0.016328	PASS	
GPRS850	251	VL	NT	7.01	0.008259	PASS	
GPRS850	251	VN	NT	11.07	0.013042	PASS	
GPRS850	251	VH	NT	9.52	0.011216	PASS	
EGPRS850	128	VL	NT	17.56	0.021306	PASS	
EGPRS850	128	VN	NT	18.08	0.021936	PASS	
EGPRS850	128	VH	NT	17.21	0.020881	PASS	
EGPRS850	190	VL	NT	24.96	0.029835	PASS	
EGPRS850	190	VN	NT	15.4	0.018408	PASS	
EGPRS850	190	VH	NT	21.47	0.025663	PASS	
EGPRS850	251	VL	NT	15.34	0.018073	PASS	
EGPRS850	251	VN	NT	18.98	0.022361	PASS	
EGPRS850	251	VH	NT	22.96	0.02705	PASS	



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Temperature						
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
GPRS850	128	NV	-30	21.05	0.02554	PASS
GPRS850	128	NV	-20	20.86	0.025309	PASS
GPRS850	128	NV	-10	23.6	0.028634	PASS
GPRS850	128	NV	0	23.67	0.028719	PASS
GPRS850	128	NV	10	17.11	0.02076	PASS
GPRS850	128	NV	20	20.08	0.024363	PASS
GPRS850	128	NV	30	22.24	0.026984	PASS
GPRS850	128	NV	40	16.98	0.020602	PASS
GPRS850	128	NV	50	17.21	0.020881	PASS
GPRS850	128	NV	60	17.92	0.021742	PASS
GPRS850	128	NV	70	12.95	0.015712	PASS
GPRS850	190	NV	-30	21.47	0.025663	PASS
GPRS850	190	NV	-20	20.89	0.02497	PASS
GPRS850	190	NV	-10	24.21	0.028939	PASS
GPRS850	190	NV	0	16.85	0.020141	PASS
GPRS850	190	NV	10	23.28	0.027827	PASS
GPRS850	190	NV	20	22.79	0.027241	PASS
GPRS850	190	NV	30	20.05	0.023966	PASS
GPRS850	190	NV	40	15.4	0.018408	PASS
GPRS850	190	NV	50	15.46	0.01848	PASS
GPRS850	190	NV	60	17.92	0.02142	PASS
GPRS850	190	NV	70	15.72	0.01879	PASS
GPRS850	251	NV	-30	16.01	0.018862	PASS
GPRS850	251	NV	-20	19.63	0.023127	PASS
GPRS850	251	NV	-10	16.85	0.019852	PASS
GPRS850	251	NV	0	13.24	0.015598	PASS
GPRS850	251	NV	10	17.56	0.020688	PASS
GPRS850	251	NV	20	15.76	0.018567	PASS
GPRS850	251	NV	30	16.18	0.019062	PASS
GPRS850	251	NV	40	15.82	0.018638	PASS
GPRS850	251	NV	50	12.33	0.014526	PASS
GPRS850	251	NV	60	11.69	0.013772	PASS
GPRS850	251	NV	70	12.75	0.015021	PASS
EGPRS850	128	NV	-30	28.19	0.034203	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

EGPRS850	128	NV	-20	30.06	0.036472	PASS
EGPRS850	128	NV	-10	24.12	0.029265	PASS
EGPRS850	128	NV	0	29.41	0.035683	PASS
EGPRS850	128	NV	10	28.06	0.034045	PASS
EGPRS850	128	NV	20	30.54	0.037054	PASS
EGPRS850	128	NV	30	24.5	0.029726	PASS
EGPRS850	128	NV	40	24.02	0.029143	PASS
EGPRS850	128	NV	50	27.44	0.033293	PASS
EGPRS850	128	NV	60	14.08	0.017083	PASS
EGPRS850	128	NV	70	15.53	0.018843	PASS
EGPRS850	190	NV	-30	22.6	0.027014	PASS
EGPRS850	190	NV	-20	22.86	0.027325	PASS
EGPRS850	190	NV	-10	27.09	0.032381	PASS
EGPRS850	190	NV	0	19.47	0.023273	PASS
EGPRS850	190	NV	10	19.5	0.023309	PASS
EGPRS850	190	NV	20	25.76	0.030791	PASS
EGPRS850	190	NV	30	23.99	0.028676	PASS
EGPRS850	190	NV	40	22.73	0.027169	PASS
EGPRS850	190	NV	50	19.82	0.023691	PASS
EGPRS850	190	NV	60	21.99	0.026285	PASS
EGPRS850	190	NV	70	19.98	0.023882	PASS
EGPRS850	251	NV	-30	25.67	0.030243	PASS
EGPRS850	251	NV	-20	25.15	0.02963	PASS
EGPRS850	251	NV	-10	24.05	0.028334	PASS
EGPRS850	251	NV	0	25.6	0.03016	PASS
EGPRS850	251	NV	10	26.12	0.030773	PASS
EGPRS850	251	NV	20	24.15	0.028452	PASS
EGPRS850	251	NV	30	18.63	0.021949	PASS
EGPRS850	251	NV	40	19.6	0.023091	PASS
EGPRS850	251	NV	50	26.22	0.030891	PASS
EGPRS850	251	NV	60	21.31	0.025106	PASS
EGPRS850	251	NV	70	22.37	0.026355	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band 5 Test Result

Band	Bandwidth	Modulation	Channel	RB Size	Voltage		Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict	
					RB Start	NB Index					
Band5	1.4MHz	20407	QPSK	6	0	Low	VL	NT	-9.53	-0.011556	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	VH	NT	-24.99	-0.030302	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	VN	NT	-25.95	-0.031466	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	VH	NT	-31.39	-0.037525	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	VN	NT	-27.88	-0.033329	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	VL	NT	-15.06	-0.018004	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	VH	NT	3.82	0.004503	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	VL	NT	2.95	0.003478	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	VN	NT	3.92	0.004621	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	VN	NT	-26.82	-0.032521	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	VL	NT	-26.38	-0.031987	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	VH	NT	-26.09	-0.031636	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	VH	NT	-12.89	-0.015409	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	VN	NT	-15.38	-0.018386	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	VL	NT	-14.39	-0.017203	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	VN	NT	4.15	0.004892	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	VL	NT	5.15	0.006071	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	VH	NT	4.55	0.005364	PASS
Band5	3MHz	20415	QPSK	6	0	Low	VH	NT	-11.79	-0.014282	PASS
Band5	3MHz	20415	QPSK	6	0	Low	VN	NT	-5.15	-0.006239	PASS
Band5	3MHz	20415	QPSK	6	0	Low	VL	NT	-14.51	-0.017577	PASS
Band5	3MHz	20525	QPSK	6	0	Low	VH	NT	-26.05	-0.031142	PASS
Band5	3MHz	20525	QPSK	6	0	Low	VN	NT	-11.26	-0.013461	PASS
Band5	3MHz	20525	QPSK	6	0	Low	VL	NT	-23.55	-0.028153	PASS
Band5	3MHz	20635	QPSK	6	0	High	VH	NT	-4.41	-0.005204	PASS
Band5	3MHz	20635	QPSK	6	0	High	VL	NT	-5.52	-0.006513	PASS
Band5	3MHz	20635	QPSK	6	0	High	VN	NT	-7.54	-0.008897	PASS
Band5	3MHz	20415	16QAM	6	0	Low	VN	NT	-13.88	-0.016814	PASS
Band5	3MHz	20415	16QAM	6	0	Low	VL	NT	-13.82	-0.016741	PASS
Band5	3MHz	20415	16QAM	6	0	Low	VH	NT	-15.61	-0.01891	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band5	3MHz	20525	16QAM	6	0	Low	VH	NT	-11.72	-0.014011	PASS
Band5	3MHz	20525	16QAM	6	0	Low	VN	NT	-10.24	-0.012241	PASS
Band5	3MHz	20525	16QAM	6	0	Low	VL	NT	-11.69	-0.013975	PASS
Band5	3MHz	20635	16QAM	6	0	High	VL	NT	-4.89	-0.00577	PASS
Band5	3MHz	20635	16QAM	6	0	High	VN	NT	-4.18	-0.004932	PASS
Band5	3MHz	20635	16QAM	6	0	High	VH	NT	-5.24	-0.006183	PASS
Band5	5MHz	20425	QPSK	6	0	Low	VL	NT	3.16	0.003823	PASS
Band5	5MHz	20425	QPSK	6	0	Low	VH	NT	3.36	0.004065	PASS
Band5	5MHz	20425	QPSK	6	0	Low	VN	NT	-3.63	-0.004392	PASS
Band5	5MHz	20525	QPSK	6	0	Low	VH	NT	-3.66	-0.004375	PASS
Band5	5MHz	20525	QPSK	6	0	Low	VN	NT	-6.07	-0.007256	PASS
Band5	5MHz	20525	QPSK	6	0	Low	VL	NT	-4.81	-0.00575	PASS
Band5	5MHz	20625	QPSK	6	0	High	VH	NT	3.78	0.004465	PASS
Band5	5MHz	20625	QPSK	6	0	High	VL	NT	5.65	0.006675	PASS
Band5	5MHz	20625	QPSK	6	0	High	VN	NT	4.63	0.00547	PASS
Band5	5MHz	20425	16QAM	6	0	Low	VN	NT	-3.09	-0.003739	PASS
Band5	5MHz	20425	16QAM	6	0	Low	VL	NT	2.88	0.003485	PASS
Band5	5MHz	20425	16QAM	6	0	Low	VH	NT	2.47	0.002989	PASS
Band5	5MHz	20525	16QAM	6	0	Low	VH	NT	-4.82	-0.005762	PASS
Band5	5MHz	20525	16QAM	6	0	Low	VN	NT	-5.22	-0.00624	PASS
Band5	5MHz	20525	16QAM	6	0	Low	VL	NT	-5.25	-0.006276	PASS
Band5	5MHz	20625	16QAM	6	0	High	VH	NT	3.46	0.004087	PASS
Band5	5MHz	20625	16QAM	6	0	High	VN	NT	3.71	0.004383	PASS
Band5	5MHz	20625	16QAM	6	0	High	VL	NT	5.69	0.006722	PASS
Band5	10MHz	20450	QPSK	6	0	Low	VH	NT	3.91	0.004717	PASS
Band5	10MHz	20450	QPSK	6	0	Low	VN	NT	4.05	0.004885	PASS
Band5	10MHz	20450	QPSK	6	0	Low	VL	NT	3.3	0.003981	PASS
Band5	10MHz	20525	QPSK	6	0	Low	VH	NT	4.23	0.005057	PASS
Band5	10MHz	20525	QPSK	6	0	Low	VN	NT	3.16	0.003778	PASS
Band5	10MHz	20525	QPSK	6	0	Low	VL	NT	4.15	0.004961	PASS
Band5	10MHz	20600	QPSK	6	0	High	VH	NT	4.28	0.005071	PASS
Band5	10MHz	20600	QPSK	6	0	High	VL	NT	-2.37	-0.002808	PASS
Band5	10MHz	20600	QPSK	6	0	High	VN	NT	3.42	0.004052	PASS
Band5	10MHz	20450	16QAM	6	0	Low	VN	NT	3.09	0.003727	PASS
Band5	10MHz	20450	16QAM	6	0	Low	VL	NT	3.65	0.004403	PASS
Band5	10MHz	20450	16QAM	6	0	Low	VH	NT	5.08	0.006128	PASS
Band5	10MHz	20525	16QAM	6	0	Low	VH	NT	5.49	0.006563	PASS
Band5	10MHz	20525	16QAM	6	0	Low	VN	NT	5.31	0.006348	PASS
Band5	10MHz	20525	16QAM	6	0	Low	VL	NT	3.16	0.003778	PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band5	10MHz	20600	16QAM	6	0	High	VH	NT	5.41	0.00641	PASS
Band5	10MHz	20600	16QAM	6	0	High	VN	NT	5.59	0.006623	PASS
Band5	10MHz	20600	16QAM	6	0	High	VL	NT	6.62	0.007844	PASS

		Temperature									
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band5	1.4MHz	20407	QPSK	6	0	Low	NV	-30	-23.96	-0.029053	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	NV	70	-25.55	-0.030981	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	NV	60	-26.41	-0.032024	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	NV	50	-27.09	-0.032848	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	NV	40	-26.59	-0.032242	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	NV	20	-24.91	-0.030205	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	NV	10	-10.8	-0.013096	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	NV	0	-11.52	-0.013969	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	NV	-10	-10	-0.012126	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	NV	-20	-11.19	-0.013569	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	NV	30	-11.83	-0.014345	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	NV	-20	-29.33	-0.035063	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	NV	-10	-15.01	-0.017944	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	NV	0	-13.88	-0.016593	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	NV	10	-33.17	-0.039653	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	NV	20	-30.07	-0.035947	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	NV	30	-11.56	-0.013819	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	NV	40	-30.9	-0.03694	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	NV	50	-32.2	-0.038494	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	NV	70	-14.82	-0.017717	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	NV	-30	-14.96	-0.017884	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	NV	60	-32.36	-0.038685	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	NV	-30	3.85	0.004538	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	NV	-20	3.62	0.004267	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	NV	-10	6.02	0.007097	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	NV	0	3.63	0.004279	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	NV	10	3.95	0.004656	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	NV	20	4.91	0.005788	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	NV	30	-3.32	-0.003914	PASS

BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band5	1.4MHz	20643	QPSK	6	0	High	NV	40	4.16	0.004904	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	NV	50	2.82	0.003324	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	NV	60	3.49	0.004114	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	NV	70	2.05	0.002417	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	NV	-30	-28.88	-0.035019	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	NV	-20	-27.17	-0.032945	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	NV	-10	-10.3	-0.012489	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	NV	0	-27.48	-0.033321	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	NV	10	-26.28	-0.031866	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	NV	20	-29.11	-0.035298	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	NV	30	-11.27	-0.013666	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	NV	40	-27.55	-0.033406	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	NV	50	-10.71	-0.012987	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	NV	60	-12.5	-0.015157	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	NV	70	-28.54	-0.034607	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	NV	-20	-31.64	-0.037824	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	NV	0	-30.78	-0.036796	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	NV	-30	-16.06	-0.019199	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	NV	-10	-16.09	-0.019235	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	NV	10	-14.13	-0.016892	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	NV	20	-12.22	-0.014608	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	NV	30	-12.69	-0.01517	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	NV	40	-13.96	-0.016689	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	NV	50	-14.22	-0.016999	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	NV	60	-33.9	-0.040526	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	NV	70	-30.61	-0.036593	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	NV	-10	3.39	0.003996	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	NV	30	3.38	0.003984	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	NV	70	3.91	0.004609	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	NV	60	3.69	0.00435	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	NV	50	4.66	0.005493	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	NV	40	3.58	0.00422	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	NV	20	2.65	0.003124	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	NV	0	4.73	0.005576	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	NV	-20	6.9	0.008134	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	NV	-30	4.56	0.005375	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	NV	10	4.16	0.004904	PASS
Band5	3MHz	20415	QPSK	6	0	Low	NV	30	-14.2	-0.017202	PASS
Band5	3MHz	20415	QPSK	6	0	Low	NV	70	-13.19	-0.015978	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band5	3MHz	20415	QPSK	6	0	Low	NV	60	-9.1	-0.011024	PASS
Band5	3MHz	20415	QPSK	6	0	Low	NV	50	-14.93	-0.018086	PASS
Band5	3MHz	20415	QPSK	6	0	Low	NV	40	-14.46	-0.017517	PASS
Band5	3MHz	20415	QPSK	6	0	Low	NV	10	-14.89	-0.018038	PASS
Band5	3MHz	20415	QPSK	6	0	Low	NV	0	-13.92	-0.016863	PASS
Band5	3MHz	20415	QPSK	6	0	Low	NV	-10	-11.53	-0.013967	PASS
Band5	3MHz	20415	QPSK	6	0	Low	NV	-20	-14.25	-0.017262	PASS
Band5	3MHz	20415	QPSK	6	0	Low	NV	-30	-11.34	-0.013737	PASS
Band5	3MHz	20415	QPSK	6	0	Low	NV	20	-5.11	-0.00619	PASS
Band5	3MHz	20525	QPSK	6	0	Low	NV	-30	-9.67	-0.01156	PASS
Band5	3MHz	20525	QPSK	6	0	Low	NV	-20	-12.93	-0.015457	PASS
Band5	3MHz	20525	QPSK	6	0	Low	NV	0	-24.81	-0.029659	PASS
Band5	3MHz	20525	QPSK	6	0	Low	NV	20	-25.58	-0.03058	PASS
Band5	3MHz	20525	QPSK	6	0	Low	NV	30	-25.78	-0.030819	PASS
Band5	3MHz	20525	QPSK	6	0	Low	NV	40	-24.75	-0.029588	PASS
Band5	3MHz	20525	QPSK	6	0	Low	NV	50	-25.42	-0.030389	PASS
Band5	3MHz	20525	QPSK	6	0	Low	NV	70	-25.31	-0.030257	PASS
Band5	3MHz	20525	QPSK	6	0	Low	NV	-10	-24.23	-0.028966	PASS
Band5	3MHz	20525	QPSK	6	0	Low	NV	60	-12.75	-0.015242	PASS
Band5	3MHz	20525	QPSK	6	0	Low	NV	10	-25.84	-0.030891	PASS
Band5	3MHz	20635	QPSK	6	0	High	NV	-30	-5.35	-0.006313	PASS
Band5	3MHz	20635	QPSK	6	0	High	NV	-20	-3.02	-0.003563	PASS
Band5	3MHz	20635	QPSK	6	0	High	NV	-10	-4.46	-0.005263	PASS
Band5	3MHz	20635	QPSK	6	0	High	NV	0	-4.15	-0.004897	PASS
Band5	3MHz	20635	QPSK	6	0	High	NV	10	-5.39	-0.00636	PASS
Band5	3MHz	20635	QPSK	6	0	High	NV	20	-5.29	-0.006242	PASS
Band5	3MHz	20635	QPSK	6	0	High	NV	30	-8.61	-0.010159	PASS
Band5	3MHz	20635	QPSK	6	0	High	NV	40	-3.81	-0.004496	PASS
Band5	3MHz	20635	QPSK	6	0	High	NV	50	2.4	0.002832	PASS
Band5	3MHz	20635	QPSK	6	0	High	NV	60	-4.91	-0.005794	PASS
Band5	3MHz	20635	QPSK	6	0	High	NV	70	-5.55	-0.006549	PASS
Band5	3MHz	20415	16QAM	6	0	Low	NV	70	-14.1	-0.017081	PASS
Band5	3MHz	20415	16QAM	6	0	Low	NV	60	-13.75	-0.016657	PASS
Band5	3MHz	20415	16QAM	6	0	Low	NV	50	-15.12	-0.018316	PASS
Band5	3MHz	20415	16QAM	6	0	Low	NV	-30	-14.29	-0.017311	PASS
Band5	3MHz	20415	16QAM	6	0	Low	NV	30	-13.3	-0.016111	PASS
Band5	3MHz	20415	16QAM	6	0	Low	NV	20	-14.83	-0.017965	PASS
Band5	3MHz	20415	16QAM	6	0	Low	NV	10	-12.87	-0.015591	PASS
Band5	3MHz	20415	16QAM	6	0	Low	NV	0	-11.39	-0.013798	PASS
Band5	3MHz	20415	16QAM	6	0	Low	NV	-10	-14.18	-0.017177	PASS
Band5	3MHz	20415	16QAM	6	0	Low	NV	-20	-15.09	-0.01828	PASS

BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band5	3MHz	20415	16QAM	6	0	Low	NV	40	-14.62	-0.01771	PASS
Band5	3MHz	20525	16QAM	6	0	Low	NV	-20	-25.78	-0.030819	PASS
Band5	3MHz	20525	16QAM	6	0	Low	NV	-10	-28.11	-0.033604	PASS
Band5	3MHz	20525	16QAM	6	0	Low	NV	0	-10.96	-0.013102	PASS
Band5	3MHz	20525	16QAM	6	0	Low	NV	-30	-24.69	-0.029516	PASS
Band5	3MHz	20525	16QAM	6	0	Low	NV	10	-12.04	-0.014393	PASS
Band5	3MHz	20525	16QAM	6	0	Low	NV	20	-26.31	-0.031452	PASS
Band5	3MHz	20525	16QAM	6	0	Low	NV	30	-12.69	-0.01517	PASS
Band5	3MHz	20525	16QAM	6	0	Low	NV	40	-9.23	-0.011034	PASS
Band5	3MHz	20525	16QAM	6	0	Low	NV	50	-24.45	-0.029229	PASS
Band5	3MHz	20525	16QAM	6	0	Low	NV	60	-24.81	-0.029659	PASS
Band5	3MHz	20525	16QAM	6	0	Low	NV	70	-11.33	-0.013545	PASS
Band5	3MHz	20635	16QAM	6	0	High	NV	30	-4.73	-0.005581	PASS
Band5	3MHz	20635	16QAM	6	0	High	NV	70	-1.93	-0.002277	PASS
Band5	3MHz	20635	16QAM	6	0	High	NV	60	-3.86	-0.004555	PASS
Band5	3MHz	20635	16QAM	6	0	High	NV	50	-2.37	-0.002796	PASS
Band5	3MHz	20635	16QAM	6	0	High	NV	40	-2.92	-0.003445	PASS
Band5	3MHz	20635	16QAM	6	0	High	NV	20	-4.11	-0.00485	PASS
Band5	3MHz	20635	16QAM	6	0	High	NV	10	-4.06	-0.004791	PASS
Band5	3MHz	20635	16QAM	6	0	High	NV	0	-6.09	-0.007186	PASS
Band5	3MHz	20635	16QAM	6	0	High	NV	-10	-5.02	-0.005923	PASS
Band5	3MHz	20635	16QAM	6	0	High	NV	-20	-6.14	-0.007245	PASS
Band5	3MHz	20635	16QAM	6	0	High	NV	-30	-4.35	-0.005133	PASS
Band5	5MHz	20425	QPSK	6	0	Low	NV	70	2.93	0.003545	PASS
Band5	5MHz	20425	QPSK	6	0	Low	NV	60	2.43	0.00294	PASS
Band5	5MHz	20425	QPSK	6	0	Low	NV	50	-4.01	-0.004852	PASS
Band5	5MHz	20425	QPSK	6	0	Low	NV	40	-3.46	-0.004186	PASS
Band5	5MHz	20425	QPSK	6	0	Low	NV	20	-2.55	-0.003085	PASS
Band5	5MHz	20425	QPSK	6	0	Low	NV	10	-3.91	-0.004731	PASS
Band5	5MHz	20425	QPSK	6	0	Low	NV	0	3.49	0.004223	PASS
Band5	5MHz	20425	QPSK	6	0	Low	NV	-10	4.41	0.005336	PASS
Band5	5MHz	20425	QPSK	6	0	Low	NV	-20	3.86	0.00467	PASS
Band5	5MHz	20425	QPSK	6	0	Low	NV	-30	-2.75	-0.003327	PASS
Band5	5MHz	20425	QPSK	6	0	Low	NV	30	3.56	0.004307	PASS
Band5	5MHz	20525	QPSK	6	0	Low	NV	-20	-4.35	-0.0052	PASS
Band5	5MHz	20525	QPSK	6	0	Low	NV	-10	-7	-0.008368	PASS
Band5	5MHz	20525	QPSK	6	0	Low	NV	0	-5.94	-0.007101	PASS
Band5	5MHz	20525	QPSK	6	0	Low	NV	10	-5.19	-0.006204	PASS
Band5	5MHz	20525	QPSK	6	0	Low	NV	20	-5.59	-0.006683	PASS
Band5	5MHz	20525	QPSK	6	0	Low	NV	30	-4.01	-0.004794	PASS
Band5	5MHz	20525	QPSK	6	0	Low	NV	40	-3.19	-0.003814	PASS
Band5	5MHz	20525	QPSK	6	0	Low	NV	50	-4.03	-0.004818	PASS

BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band5	5MHz	20525	QPSK	6	0	Low	NV	70	-4.85	-0.005798	PASS
Band5	5MHz	20525	QPSK	6	0	Low	NV	-30	-5.08	-0.006073	PASS
Band5	5MHz	20525	QPSK	6	0	Low	NV	60	-3.75	-0.004483	PASS
Band5	5MHz	20625	QPSK	6	0	High	NV	-30	4.43	0.005233	PASS
Band5	5MHz	20625	QPSK	6	0	High	NV	-20	3.2	0.00378	PASS
Band5	5MHz	20625	QPSK	6	0	High	NV	-10	2.96	0.003497	PASS
Band5	5MHz	20625	QPSK	6	0	High	NV	0	4.29	0.005068	PASS
Band5	5MHz	20625	QPSK	6	0	High	NV	10	4.12	0.004867	PASS
Band5	5MHz	20625	QPSK	6	0	High	NV	20	4.53	0.005351	PASS
Band5	5MHz	20625	QPSK	6	0	High	NV	30	4.23	0.004997	PASS
Band5	5MHz	20625	QPSK	6	0	High	NV	40	4.18	0.004938	PASS
Band5	5MHz	20625	QPSK	6	0	High	NV	50	3.55	0.004194	PASS
Band5	5MHz	20625	QPSK	6	0	High	NV	60	5.62	0.006639	PASS
Band5	5MHz	20625	QPSK	6	0	High	NV	70	4.42	0.005222	PASS
Band5	5MHz	20425	16QAM	6	0	Low	NV	-30	-3.2	-0.003872	PASS
Band5	5MHz	20425	16QAM	6	0	Low	NV	-20	-3.55	-0.004295	PASS
Band5	5MHz	20425	16QAM	6	0	Low	NV	-10	-3.48	-0.004211	PASS
Band5	5MHz	20425	16QAM	6	0	Low	NV	0	3.06	0.003702	PASS
Band5	5MHz	20425	16QAM	6	0	Low	NV	10	-3.16	-0.003823	PASS
Band5	5MHz	20425	16QAM	6	0	Low	NV	20	-3.13	-0.003787	PASS
Band5	5MHz	20425	16QAM	6	0	Low	NV	30	-3.08	-0.003727	PASS
Band5	5MHz	20425	16QAM	6	0	Low	NV	40	-3.33	-0.004029	PASS
Band5	5MHz	20425	16QAM	6	0	Low	NV	50	-4.45	-0.005384	PASS
Band5	5MHz	20425	16QAM	6	0	Low	NV	60	3.53	0.004271	PASS
Band5	5MHz	20425	16QAM	6	0	Low	NV	70	3.95	0.004779	PASS
Band5	5MHz	20525	16QAM	6	0	Low	NV	-20	-4.31	-0.005152	PASS
Band5	5MHz	20525	16QAM	6	0	Low	NV	0	-5.94	-0.007101	PASS
Band5	5MHz	20525	16QAM	6	0	Low	NV	-30	-6.69	-0.007998	PASS
Band5	5MHz	20525	16QAM	6	0	Low	NV	-10	-5.71	-0.006826	PASS
Band5	5MHz	20525	16QAM	6	0	Low	NV	10	-5.09	-0.006085	PASS
Band5	5MHz	20525	16QAM	6	0	Low	NV	20	-4.33	-0.005176	PASS
Band5	5MHz	20525	16QAM	6	0	Low	NV	30	-5.12	-0.006121	PASS
Band5	5MHz	20525	16QAM	6	0	Low	NV	40	-4.59	-0.005487	PASS
Band5	5MHz	20525	16QAM	6	0	Low	NV	50	-3.6	-0.004304	PASS
Band5	5MHz	20525	16QAM	6	0	Low	NV	60	-5.04	-0.006025	PASS
Band5	5MHz	20525	16QAM	6	0	Low	NV	70	-5.45	-0.006515	PASS
Band5	5MHz	20625	16QAM	6	0	High	NV	-10	3.23	0.003816	PASS
Band5	5MHz	20625	16QAM	6	0	High	NV	30	4.46	0.005269	PASS
Band5	5MHz	20625	16QAM	6	0	High	NV	70	4.06	0.004796	PASS
Band5	5MHz	20625	16QAM	6	0	High	NV	60	3.22	0.003804	PASS
Band5	5MHz	20625	16QAM	6	0	High	NV	50	3.81	0.004501	PASS
Band5	5MHz	20625	16QAM	6	0	High	NV	40	3.09	0.00365	PASS

BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band5	5MHz	20625	16QAM	6	0	High	NV	20	4.59	0.005422	PASS
Band5	5MHz	20625	16QAM	6	0	High	NV	0	3.81	0.004501	PASS
Band5	5MHz	20625	16QAM	6	0	High	NV	-20	4.38	0.005174	PASS
Band5	5MHz	20625	16QAM	6	0	High	NV	-30	3.49	0.004123	PASS
Band5	5MHz	20625	16QAM	6	0	High	NV	10	3.95	0.004666	PASS
Band5	10MHz	20450	QPSK	6	0	Low	NV	30	3.96	0.004777	PASS
Band5	10MHz	20450	QPSK	6	0	Low	NV	70	4.78	0.005766	PASS
Band5	10MHz	20450	QPSK	6	0	Low	NV	60	4.08	0.004922	PASS
Band5	10MHz	20450	QPSK	6	0	Low	NV	50	3.85	0.004644	PASS
Band5	10MHz	20450	QPSK	6	0	Low	NV	40	4.21	0.005078	PASS
Band5	10MHz	20450	QPSK	6	0	Low	NV	10	4.29	0.005175	PASS
Band5	10MHz	20450	QPSK	6	0	Low	NV	0	3.56	0.004294	PASS
Band5	10MHz	20450	QPSK	6	0	Low	NV	-10	3.71	0.004475	PASS
Band5	10MHz	20450	QPSK	6	0	Low	NV	-20	3.72	0.004487	PASS
Band5	10MHz	20450	QPSK	6	0	Low	NV	-30	3.73	0.004499	PASS
Band5	10MHz	20450	QPSK	6	0	Low	NV	20	3.15	0.0038	PASS
Band5	10MHz	20525	QPSK	6	0	Low	NV	-30	4.35	0.0052	PASS
Band5	10MHz	20525	QPSK	6	0	Low	NV	-20	4.95	0.005918	PASS
Band5	10MHz	20525	QPSK	6	0	Low	NV	0	3.75	0.004483	PASS
Band5	10MHz	20525	QPSK	6	0	Low	NV	20	5.55	0.006635	PASS
Band5	10MHz	20525	QPSK	6	0	Low	NV	30	4.42	0.005284	PASS
Band5	10MHz	20525	QPSK	6	0	Low	NV	40	6.35	0.007591	PASS
Band5	10MHz	20525	QPSK	6	0	Low	NV	50	2	0.002391	PASS
Band5	10MHz	20525	QPSK	6	0	Low	NV	70	3.56	0.004256	PASS
Band5	10MHz	20525	QPSK	6	0	Low	NV	-10	4.65	0.005559	PASS
Band5	10MHz	20525	QPSK	6	0	Low	NV	60	4.45	0.00532	PASS
Band5	10MHz	20525	QPSK	6	0	Low	NV	10	4.89	0.005846	PASS
Band5	10MHz	20600	QPSK	6	0	High	NV	-30	4.73	0.005604	PASS
Band5	10MHz	20600	QPSK	6	0	High	NV	-20	4.28	0.005071	PASS
Band5	10MHz	20600	QPSK	6	0	High	NV	-10	3.91	0.004633	PASS
Band5	10MHz	20600	QPSK	6	0	High	NV	0	3.56	0.004218	PASS
Band5	10MHz	20600	QPSK	6	0	High	NV	10	4.66	0.005521	PASS
Band5	10MHz	20600	QPSK	6	0	High	NV	20	5.01	0.005936	PASS
Band5	10MHz	20600	QPSK	6	0	High	NV	30	4.56	0.005403	PASS
Band5	10MHz	20600	QPSK	6	0	High	NV	40	2.52	0.002986	PASS
Band5	10MHz	20600	QPSK	6	0	High	NV	50	4.92	0.005829	PASS
Band5	10MHz	20600	QPSK	6	0	High	NV	60	4.46	0.005284	PASS
Band5	10MHz	20600	QPSK	6	0	High	NV	70	5.36	0.006351	PASS
Band5	10MHz	20450	16QAM	6	0	Low	NV	70	3.96	0.004777	PASS
Band5	10MHz	20450	16QAM	6	0	Low	NV	60	4.78	0.005766	PASS
Band5	10MHz	20450	16QAM	6	0	Low	NV	50	4.25	0.005127	PASS
Band5	10MHz	20450	16QAM	6	0	Low	NV	-30	3.81	0.004596	PASS

BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band5	10MHz	20450	16QAM	6	0	Low	NV	30	2.39	0.002883	PASS
Band5	10MHz	20450	16QAM	6	0	Low	NV	20	3.78	0.00456	PASS
Band5	10MHz	20450	16QAM	6	0	Low	NV	10	2.78	0.003353	PASS
Band5	10MHz	20450	16QAM	6	0	Low	NV	0	3.85	0.004644	PASS
Band5	10MHz	20450	16QAM	6	0	Low	NV	-10	4.29	0.005175	PASS
Band5	10MHz	20450	16QAM	6	0	Low	NV	-20	3.88	0.00468	PASS
Band5	10MHz	20450	16QAM	6	0	Low	NV	40	4.94	0.005959	PASS
Band5	10MHz	20525	16QAM	6	0	Low	NV	-20	3.5	0.004184	PASS
Band5	10MHz	20525	16QAM	6	0	Low	NV	-10	5.62	0.006718	PASS
Band5	10MHz	20525	16QAM	6	0	Low	NV	0	6.31	0.007543	PASS
Band5	10MHz	20525	16QAM	6	0	Low	NV	-30	4.89	0.005846	PASS
Band5	10MHz	20525	16QAM	6	0	Low	NV	10	6.45	0.007711	PASS
Band5	10MHz	20525	16QAM	6	0	Low	NV	20	5.56	0.006647	PASS
Band5	10MHz	20525	16QAM	6	0	Low	NV	30	4.76	0.00569	PASS
Band5	10MHz	20525	16QAM	6	0	Low	NV	40	5.54	0.006623	PASS
Band5	10MHz	20525	16QAM	6	0	Low	NV	50	5.44	0.006503	PASS
Band5	10MHz	20525	16QAM	6	0	Low	NV	60	5.84	0.006981	PASS
Band5	10MHz	20525	16QAM	6	0	Low	NV	70	4.41	0.005272	PASS
Band5	10MHz	20600	16QAM	6	0	High	NV	30	5.45	0.006457	PASS
Band5	10MHz	20600	16QAM	6	0	High	NV	70	2.27	0.00269	PASS
Band5	10MHz	20600	16QAM	6	0	High	NV	60	4.49	0.00532	PASS
Band5	10MHz	20600	16QAM	6	0	High	NV	50	5.52	0.00654	PASS
Band5	10MHz	20600	16QAM	6	0	High	NV	40	4.02	0.004763	PASS
Band5	10MHz	20600	16QAM	6	0	High	NV	20	3.48	0.004123	PASS
Band5	10MHz	20600	16QAM	6	0	High	NV	10	4.23	0.005012	PASS
Band5	10MHz	20600	16QAM	6	0	High	NV	0	3.68	0.00436	PASS
Band5	10MHz	20600	16QAM	6	0	High	NV	-10	5.16	0.006114	PASS
Band5	10MHz	20600	16QAM	6	0	High	NV	-20	5.29	0.006268	PASS
Band5	10MHz	20600	16QAM	6	0	High	NV	-30	5.32	0.006303	PASS

Band 26 Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index		Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
						Low	VL					
Band26	1.4MHz	26797	QPSK	6	0	Low	VN	NT	-5.54	-0.006718	PASS	
Band26	1.4MHz	26797	QPSK	6	0	Low	VH	NT	-3.6	-0.004365	PASS	
Band26	1.4MHz	26797	QPSK	6	0	Low	VL	NT	-4.76	-0.005772	PASS	
Band26	1.4MHz	26915	QPSK	6	0	Low	VN	NT	-7.5	-0.008966	PASS	
Band26	1.4MHz	26915	QPSK	6	0	Low	VH	NT	-8.15	-0.009743	PASS	
Band26	1.4MHz	26915	QPSK	6	0	Low	VL	NT	-7.6	-0.009085	PASS	



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band26	1.4MHz	27033	QPSK	6	0	High	VH	NT	-7.67	-0.009042	PASS
Band26	1.4MHz	27033	QPSK	6	0	High	VL	NT	4.23	0.004986	PASS
Band26	1.4MHz	27033	QPSK	6	0	High	VN	NT	4.96	0.005847	PASS
Band26	1.4MHz	26797	16QAM	6	0	Low	VL	NT	-10.63	-0.01289	PASS
Band26	1.4MHz	26797	16QAM	6	0	Low	VH	NT	-5.99	-0.007263	PASS
Band26	1.4MHz	26797	16QAM	6	0	Low	VN	NT	-4.76	-0.005772	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	VN	NT	-13.63	-0.016294	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	VL	NT	-9.28	-0.011094	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	VH	NT	-13.78	-0.016473	PASS
Band26	1.4MHz	27033	16QAM	6	0	High	VL	NT	-3.5	-0.004126	PASS
Band26	1.4MHz	27033	16QAM	6	0	High	VH	NT	4.35	0.005128	PASS
Band26	1.4MHz	27033	16QAM	6	0	High	VN	NT	-6.05	-0.007132	PASS
Band26	3MHz	26805	QPSK	6	0	Low	VL	NT	-24.55	-0.02974	PASS
Band26	3MHz	26805	QPSK	6	0	Low	VH	NT	-21.8	-0.026408	PASS
Band26	3MHz	26805	QPSK	6	0	Low	VN	NT	-7.98	-0.009667	PASS
Band26	3MHz	26915	QPSK	6	0	Low	VH	NT	-6.54	-0.007818	PASS
Band26	3MHz	26915	QPSK	6	0	Low	VL	NT	-8.55	-0.010221	PASS
Band26	3MHz	26915	QPSK	6	0	Low	VN	NT	-6.28	-0.007507	PASS
Band26	3MHz	27025	QPSK	6	0	High	VN	NT	-5.04	-0.005947	PASS
Band26	3MHz	27025	QPSK	6	0	High	VL	NT	-7.07	-0.008342	PASS
Band26	3MHz	27025	QPSK	6	0	High	VH	NT	-7.1	-0.008378	PASS
Band26	3MHz	26805	16QAM	6	0	Low	VL	NT	3.68	0.004458	PASS
Band26	3MHz	26805	16QAM	6	0	Low	VN	NT	4.42	0.005354	PASS
Band26	3MHz	26805	16QAM	6	0	Low	VH	NT	4.38	0.005306	PASS
Band26	3MHz	26915	16QAM	6	0	Low	VH	NT	-8.28	-0.009898	PASS
Band26	3MHz	26915	16QAM	6	0	Low	VL	NT	-8.2	-0.009803	PASS
Band26	3MHz	26915	16QAM	6	0	Low	VN	NT	-6.19	-0.0074	PASS
Band26	3MHz	27025	16QAM	6	0	High	VH	NT	-15.34	-0.0181	PASS
Band26	3MHz	27025	16QAM	6	0	High	VN	NT	-7.1	-0.008378	PASS
Band26	3MHz	27025	16QAM	6	0	High	VL	NT	-3.65	-0.004307	PASS
Band26	5MHz	26815	QPSK	6	0	Low	VN	NT	-3.49	-0.004223	PASS
Band26	5MHz	26815	QPSK	6	0	Low	VL	NT	-3.56	-0.004307	PASS
Band26	5MHz	26815	QPSK	6	0	Low	VH	NT	-3.19	-0.00386	PASS
Band26	5MHz	26915	QPSK	6	0	Low	VH	NT	-5.08	-0.006073	PASS
Band26	5MHz	26915	QPSK	6	0	Low	VL	NT	-4.56	-0.005451	PASS
Band26	5MHz	26915	QPSK	6	0	Low	VN	NT	-7.45	-0.008906	PASS
Band26	5MHz	27015	QPSK	6	0	High	VL	NT	4.71	0.005564	PASS
Band26	5MHz	27015	QPSK	6	0	High	VN	NT	4.62	0.005458	PASS
Band26	5MHz	27015	QPSK	6	0	High	VH	NT	3.65	0.004312	PASS
Band26	5MHz	26815	16QAM	6	0	Low	VH	NT	2.25	0.002722	PASS
Band26	5MHz	26815	16QAM	6	0	Low	VL	NT	-9.21	-0.011143	PASS
Band26	5MHz	26815	16QAM	6	0	Low	VN	NT	-3.09	-0.003739	PASS

BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band26	5MHz	26915	16QAM	6	0	Low	VL	NT	-5.98	-0.007149	PASS
Band26	5MHz	26915	16QAM	6	0	Low	VN	NT	-4.72	-0.005643	PASS
Band26	5MHz	26915	16QAM	6	0	Low	VH	NT	-2.92	-0.003491	PASS
Band26	5MHz	27015	16QAM	6	0	High	VN	NT	3.75	0.00443	PASS
Band26	5MHz	27015	16QAM	6	0	High	VL	NT	4.65	0.005493	PASS
Band26	5MHz	27015	16QAM	6	0	High	VH	NT	3.35	0.003957	PASS
Band26	10MHz	26840	QPSK	6	0	Low	VL	NT	7	0.008444	PASS
Band26	10MHz	26840	QPSK	6	0	Low	VH	NT	6.39	0.007708	PASS
Band26	10MHz	26840	QPSK	6	0	Low	VN	NT	5.15	0.006212	PASS
Band26	10MHz	26915	QPSK	6	0	Low	VN	NT	5.55	0.006635	PASS
Band26	10MHz	26915	QPSK	6	0	Low	VH	NT	4.45	0.00532	PASS
Band26	10MHz	26915	QPSK	6	0	Low	VL	NT	5.46	0.006527	PASS
Band26	10MHz	26990	QPSK	6	0	High	VN	NT	7.27	0.008614	PASS
Band26	10MHz	26990	QPSK	6	0	High	VH	NT	8.63	0.010225	PASS
Band26	10MHz	26990	QPSK	6	0	High	VL	NT	7.81	0.009254	PASS
Band26	10MHz	26840	16QAM	6	0	Low	VH	NT	6.47	0.007805	PASS
Band26	10MHz	26840	16QAM	6	0	Low	VN	NT	6.9	0.008323	PASS
Band26	10MHz	26840	16QAM	6	0	Low	VL	NT	6.88	0.008299	PASS
Band26	10MHz	26915	16QAM	6	0	Low	VL	NT	4.71	0.005631	PASS
Band26	10MHz	26915	16QAM	6	0	Low	VN	NT	7.41	0.008858	PASS
Band26	10MHz	26915	16QAM	6	0	Low	VH	NT	8.25	0.009863	PASS
Band26	10MHz	26990	16QAM	6	0	High	VN	NT	7.01	0.008306	PASS
Band26	10MHz	26990	16QAM	6	0	High	VH	NT	6.95	0.008235	PASS
Band26	10MHz	26990	16QAM	6	0	High	VL	NT	7.88	0.009336	PASS
Band26	15MHz	26865	QPSK	6	0	Low	VH	NT	3.76	0.004522	PASS
Band26	15MHz	26865	QPSK	6	0	Low	VL	NT	3.66	0.004402	PASS
Band26	15MHz	26865	QPSK	6	0	Low	VN	NT	4.89	0.005881	PASS
Band26	15MHz	26915	QPSK	6	0	Low	VN	NT	-6.48	-0.007747	PASS
Band26	15MHz	26915	QPSK	6	0	Low	VH	NT	-7.08	-0.008464	PASS
Band26	15MHz	26915	QPSK	6	0	Low	VL	NT	-7.2	-0.008607	PASS
Band26	15MHz	26965	QPSK	6	0	High	VN	NT	-4.85	-0.005764	PASS
Band26	15MHz	26965	QPSK	6	0	High	VL	NT	-5.42	-0.006441	PASS
Band26	15MHz	26965	QPSK	6	0	High	VH	NT	-4.76	-0.005657	PASS
Band26	15MHz	26865	16QAM	6	0	Low	VH	NT	5.16	0.006206	PASS
Band26	15MHz	26865	16QAM	6	0	Low	VN	NT	4.98	0.005989	PASS
Band26	15MHz	26865	16QAM	6	0	Low	VL	NT	5.16	0.006206	PASS
Band26	15MHz	26915	16QAM	6	0	Low	VH	NT	-7.7	-0.009205	PASS
Band26	15MHz	26915	16QAM	6	0	Low	VN	NT	-8.07	-0.009647	PASS
Band26	15MHz	26915	16QAM	6	0	Low	VL	NT	-7.91	-0.009456	PASS
Band26	15MHz	26965	16QAM	6	0	High	VH	NT	-4.56	-0.005419	PASS
Band26	15MHz	26965	16QAM	6	0	High	VL	NT	-4.36	-0.005181	PASS
Band26	15MHz	26965	16QAM	6	0	High	VN	NT	-5.61	-0.006667	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Voltage [Vdc]	Temperature				Verdict
								Temperature (°C)	Deviation (Hz)	Deviation (ppm)		
Band26	1.4MHz	26797	QPSK	6	0	Low	NV	-30	-8.93	-0.010828	PASS	
Band26	1.4MHz	26797	QPSK	6	0	Low	NV	70	-5.08	-0.00616	PASS	
Band26	1.4MHz	26797	QPSK	6	0	Low	NV	60	-4.18	-0.005069	PASS	
Band26	1.4MHz	26797	QPSK	6	0	Low	NV	50	-11.27	-0.013666	PASS	
Band26	1.4MHz	26797	QPSK	6	0	Low	NV	40	-8.45	-0.010246	PASS	
Band26	1.4MHz	26797	QPSK	6	0	Low	NV	30	-4.85	-0.005881	PASS	
Band26	1.4MHz	26797	QPSK	6	0	Low	NV	20	-4.66	-0.005651	PASS	
Band26	1.4MHz	26797	QPSK	6	0	Low	NV	10	-5.94	-0.007203	PASS	
Band26	1.4MHz	26797	QPSK	6	0	Low	NV	0	-11.37	-0.013787	PASS	
Band26	1.4MHz	26797	QPSK	6	0	Low	NV	-10	-8.77	-0.010634	PASS	
Band26	1.4MHz	26797	QPSK	6	0	Low	NV	-20	-7.17	-0.008694	PASS	
Band26	1.4MHz	26915	QPSK	6	0	Low	NV	70	-7.1	-0.008488	PASS	
Band26	1.4MHz	26915	QPSK	6	0	Low	NV	60	-11.72	-0.014011	PASS	
Band26	1.4MHz	26915	QPSK	6	0	Low	NV	50	-7.18	-0.008583	PASS	
Band26	1.4MHz	26915	QPSK	6	0	Low	NV	40	-13.03	-0.015577	PASS	
Band26	1.4MHz	26915	QPSK	6	0	Low	NV	30	-10.29	-0.012301	PASS	
Band26	1.4MHz	26915	QPSK	6	0	Low	NV	20	-10.79	-0.012899	PASS	
Band26	1.4MHz	26915	QPSK	6	0	Low	NV	10	-8.43	-0.010078	PASS	
Band26	1.4MHz	26915	QPSK	6	0	Low	NV	0	-11.42	-0.013652	PASS	
Band26	1.4MHz	26915	QPSK	6	0	Low	NV	-10	-11.44	-0.013676	PASS	
Band26	1.4MHz	26915	QPSK	6	0	Low	NV	-20	-12.23	-0.01462	PASS	
Band26	1.4MHz	26915	QPSK	6	0	Low	NV	-30	-11.23	-0.013425	PASS	
Band26	1.4MHz	27033	QPSK	6	0	High	NV	20	-7.25	-0.008547	PASS	
Band26	1.4MHz	27033	QPSK	6	0	High	NV	-30	2.9	0.003419	PASS	
Band26	1.4MHz	27033	QPSK	6	0	High	NV	-20	-7.94	-0.00936	PASS	
Band26	1.4MHz	27033	QPSK	6	0	High	NV	-10	-8.54	-0.010067	PASS	
Band26	1.4MHz	27033	QPSK	6	0	High	NV	10	2.83	0.003336	PASS	
Band26	1.4MHz	27033	QPSK	6	0	High	NV	30	-3.96	-0.004668	PASS	
Band26	1.4MHz	27033	QPSK	6	0	High	NV	40	-9	-0.010609	PASS	
Band26	1.4MHz	27033	QPSK	6	0	High	NV	50	2.85	0.003336	PASS	
Band26	1.4MHz	27033	QPSK	6	0	High	NV	60	-2.95	-0.003478	PASS	
Band26	1.4MHz	27033	QPSK	6	0	High	NV	70	4.71	0.005552	PASS	
Band26	1.4MHz	27033	QPSK	6	0	High	NV	0	3.62	0.004267	PASS	
Band26	1.4MHz	26797	16QAM	6	0	Low	NV	-20	-6.15	-0.007457	PASS	
Band26	1.4MHz	26797	16QAM	6	0	Low	NV	-10	-9.34	-0.011325	PASS	
Band26	1.4MHz	26797	16QAM	6	0	Low	NV	0	-9.04	-0.010962	PASS	
Band26	1.4MHz	26797	16QAM	6	0	Low	NV	10	-2.78	-0.003371	PASS	

BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band26	1.4MHz	26797	16QAM	6	0	Low	NV	20	-8.2	-0.009943	PASS
Band26	1.4MHz	26797	16QAM	6	0	Low	NV	30	-12.23	-0.01483	PASS
Band26	1.4MHz	26797	16QAM	6	0	Low	NV	40	-4.66	-0.005651	PASS
Band26	1.4MHz	26797	16QAM	6	0	Low	NV	50	-4.35	-0.005275	PASS
Band26	1.4MHz	26797	16QAM	6	0	Low	NV	60	-5.88	-0.00713	PASS
Band26	1.4MHz	26797	16QAM	6	0	Low	NV	70	-9.03	-0.010949	PASS
Band26	1.4MHz	26797	16QAM	6	0	Low	NV	-30	-5.11	-0.006196	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	NV	10	-7.41	-0.008858	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	NV	-20	-11.79	-0.014094	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	NV	0	-8.23	-0.009839	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	NV	-30	-5.78	-0.00691	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	NV	20	-13.55	-0.016198	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	NV	30	-8.71	-0.010412	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	NV	40	-10.4	-0.012433	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	NV	50	-13.13	-0.015696	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	NV	60	-11.74	-0.014035	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	NV	70	-8.14	-0.009731	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	NV	-10	-11.74	-0.014035	PASS
Band26	1.4MHz	27033	16QAM	6	0	High	NV	20	-7.5	-0.008841	PASS
Band26	1.4MHz	27033	16QAM	6	0	High	NV	70	2.76	0.003254	PASS
Band26	1.4MHz	27033	16QAM	6	0	High	NV	60	-8.38	-0.009879	PASS
Band26	1.4MHz	27033	16QAM	6	0	High	NV	50	-8.18	-0.009643	PASS
Band26	1.4MHz	27033	16QAM	6	0	High	NV	40	3.03	0.003572	PASS
Band26	1.4MHz	27033	16QAM	6	0	High	NV	30	-7.1	-0.00837	PASS
Band26	1.4MHz	27033	16QAM	6	0	High	NV	10	4.85	0.005717	PASS
Band26	1.4MHz	27033	16QAM	6	0	High	NV	0	-6.62	-0.007804	PASS
Band26	1.4MHz	27033	16QAM	6	0	High	NV	-10	-3.42	-0.004032	PASS
Band26	1.4MHz	27033	16QAM	6	0	High	NV	-20	3.32	0.003914	PASS
Band26	1.4MHz	27033	16QAM	6	0	High	NV	-30	3.12	0.003678	PASS
Band26	3MHz	26805	QPSK	6	0	Low	NV	70	3.85	0.004664	PASS
Band26	3MHz	26805	QPSK	6	0	Low	NV	60	4.22	0.005112	PASS
Band26	3MHz	26805	QPSK	6	0	Low	NV	50	3.56	0.004313	PASS
Band26	3MHz	26805	QPSK	6	0	Low	NV	40	3.55	0.0043	PASS
Band26	3MHz	26805	QPSK	6	0	Low	NV	30	3.98	0.004821	PASS
Band26	3MHz	26805	QPSK	6	0	Low	NV	10	3.62	0.004385	PASS
Band26	3MHz	26805	QPSK	6	0	Low	NV	0	4.38	0.005306	PASS
Band26	3MHz	26805	QPSK	6	0	Low	NV	-10	3.68	0.004458	PASS
Band26	3MHz	26805	QPSK	6	0	Low	NV	-20	-21.59	-0.026154	PASS
Band26	3MHz	26805	QPSK	6	0	Low	NV	-30	-4.46	-0.005403	PASS
Band26	3MHz	26805	QPSK	6	0	Low	NV	20	-2.4	-0.002907	PASS
Band26	3MHz	26915	QPSK	6	0	Low	NV	-10	-8.05	-0.009623	PASS
Band26	3MHz	26915	QPSK	6	0	Low	NV	70	-8	-0.009564	PASS

BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band26	3MHz	26915	QPSK	6	0	Low	NV	60	-6.72	-0.008033	PASS
Band26	3MHz	26915	QPSK	6	0	Low	NV	50	-8.47	-0.010126	PASS
Band26	3MHz	26915	QPSK	6	0	Low	NV	40	-7.04	-0.008416	PASS
Band26	3MHz	26915	QPSK	6	0	Low	NV	30	-9.2	-0.010998	PASS
Band26	3MHz	26915	QPSK	6	0	Low	NV	20	-8.5	-0.010161	PASS
Band26	3MHz	26915	QPSK	6	0	Low	NV	0	-6.71	-0.008022	PASS
Band26	3MHz	26915	QPSK	6	0	Low	NV	-20	-7.4	-0.008846	PASS
Band26	3MHz	26915	QPSK	6	0	Low	NV	-30	-6.47	-0.007735	PASS
Band26	3MHz	26915	QPSK	6	0	Low	NV	10	-9.63	-0.011512	PASS
Band26	3MHz	27025	QPSK	6	0	High	NV	50	-6.24	-0.007363	PASS
Band26	3MHz	27025	QPSK	6	0	High	NV	0	-8.25	-0.009735	PASS
Band26	3MHz	27025	QPSK	6	0	High	NV	-30	-8.7	-0.010265	PASS
Band26	3MHz	27025	QPSK	6	0	High	NV	70	-4.09	-0.004826	PASS
Band26	3MHz	27025	QPSK	6	0	High	NV	-10	-8.45	-0.009971	PASS
Band26	3MHz	27025	QPSK	6	0	High	NV	10	-7.64	-0.009015	PASS
Band26	3MHz	27025	QPSK	6	0	High	NV	20	-4.71	-0.005558	PASS
Band26	3MHz	27025	QPSK	6	0	High	NV	30	-4.82	-0.005687	PASS
Band26	3MHz	27025	QPSK	6	0	High	NV	40	-5.39	-0.00636	PASS
Band26	3MHz	27025	QPSK	6	0	High	NV	60	-4.79	-0.005652	PASS
Band26	3MHz	27025	QPSK	6	0	High	NV	-20	-5.82	-0.006867	PASS
Band26	3MHz	26805	16QAM	6	0	Low	NV	0	4.23	0.005124	PASS
Band26	3MHz	26805	16QAM	6	0	Low	NV	70	2.78	0.003368	PASS
Band26	3MHz	26805	16QAM	6	0	Low	NV	-20	4.45	0.005391	PASS
Band26	3MHz	26805	16QAM	6	0	Low	NV	60	5.39	0.006529	PASS
Band26	3MHz	26805	16QAM	6	0	Low	NV	50	2.96	0.003586	PASS
Band26	3MHz	26805	16QAM	6	0	Low	NV	40	3.06	0.003707	PASS
Band26	3MHz	26805	16QAM	6	0	Low	NV	30	2.92	0.003537	PASS
Band26	3MHz	26805	16QAM	6	0	Low	NV	20	5.09	0.006166	PASS
Band26	3MHz	26805	16QAM	6	0	Low	NV	10	-3.1	-0.003755	PASS
Band26	3MHz	26805	16QAM	6	0	Low	NV	-10	-3.43	-0.004155	PASS
Band26	3MHz	26805	16QAM	6	0	Low	NV	-30	3.2	0.003876	PASS
Band26	3MHz	26915	16QAM	6	0	Low	NV	20	-8.27	-0.009886	PASS
Band26	3MHz	26915	16QAM	6	0	Low	NV	-30	-5.56	-0.006647	PASS
Band26	3MHz	26915	16QAM	6	0	Low	NV	-20	-8.58	-0.010257	PASS
Band26	3MHz	26915	16QAM	6	0	Low	NV	-10	-5.84	-0.006981	PASS
Band26	3MHz	26915	16QAM	6	0	Low	NV	0	-7.08	-0.008464	PASS
Band26	3MHz	26915	16QAM	6	0	Low	NV	10	-8	-0.009564	PASS
Band26	3MHz	26915	16QAM	6	0	Low	NV	30	-10.73	-0.012827	PASS
Band26	3MHz	26915	16QAM	6	0	Low	NV	40	-7.84	-0.009372	PASS
Band26	3MHz	26915	16QAM	6	0	Low	NV	50	-11.19	-0.013377	PASS
Band26	3MHz	26915	16QAM	6	0	Low	NV	60	-8.1	-0.009683	PASS
Band26	3MHz	26915	16QAM	6	0	Low	NV	70	-7.64	-0.009133	PASS

BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band26	3MHz	27025	16QAM	6	0	High	NV	40	-5.46	-0.006442	PASS
Band26	3MHz	27025	16QAM	6	0	High	NV	70	-8.96	-0.010572	PASS
Band26	3MHz	27025	16QAM	6	0	High	NV	50	-6.75	-0.007965	PASS
Band26	3MHz	27025	16QAM	6	0	High	NV	30	-6.68	-0.007882	PASS
Band26	3MHz	27025	16QAM	6	0	High	NV	20	-6.19	-0.007304	PASS
Band26	3MHz	27025	16QAM	6	0	High	NV	10	-5.89	-0.00695	PASS
Band26	3MHz	27025	16QAM	6	0	High	NV	0	-3.75	-0.004425	PASS
Band26	3MHz	27025	16QAM	6	0	High	NV	-10	-6.67	-0.00787	PASS
Band26	3MHz	27025	16QAM	6	0	High	NV	-20	-4.39	-0.00518	PASS
Band26	3MHz	27025	16QAM	6	0	High	NV	-30	-5.99	-0.007068	PASS
Band26	3MHz	27025	16QAM	6	0	High	NV	60	-3.45	-0.004071	PASS
Band26	5MHz	26815	QPSK	6	0	Low	NV	70	-4.06	-0.004912	PASS
Band26	5MHz	26815	QPSK	6	0	Low	NV	-30	3.03	0.003666	PASS
Band26	5MHz	26815	QPSK	6	0	Low	NV	-20	-3.62	-0.00438	PASS
Band26	5MHz	26815	QPSK	6	0	Low	NV	-10	-2.65	-0.003206	PASS
Band26	5MHz	26815	QPSK	6	0	Low	NV	0	-2.88	-0.003485	PASS
Band26	5MHz	26815	QPSK	6	0	Low	NV	10	-3.43	-0.00415	PASS
Band26	5MHz	26815	QPSK	6	0	Low	NV	20	-4.52	-0.005469	PASS
Band26	5MHz	26815	QPSK	6	0	Low	NV	30	-2.13	-0.002577	PASS
Band26	5MHz	26815	QPSK	6	0	Low	NV	40	2.59	0.003134	PASS
Band26	5MHz	26815	QPSK	6	0	Low	NV	60	-2.92	-0.003533	PASS
Band26	5MHz	26815	QPSK	6	0	Low	NV	50	-3.69	-0.004465	PASS
Band26	5MHz	26915	QPSK	6	0	Low	NV	10	-4.68	-0.005595	PASS
Band26	5MHz	26915	QPSK	6	0	Low	NV	50	-7.75	-0.009265	PASS
Band26	5MHz	26915	QPSK	6	0	Low	NV	-10	-4.26	-0.005093	PASS
Band26	5MHz	26915	QPSK	6	0	Low	NV	60	-5.88	-0.007029	PASS
Band26	5MHz	26915	QPSK	6	0	Low	NV	40	-4.85	-0.005798	PASS
Band26	5MHz	26915	QPSK	6	0	Low	NV	30	-6.39	-0.007639	PASS
Band26	5MHz	26915	QPSK	6	0	Low	NV	20	-5.14	-0.006145	PASS
Band26	5MHz	26915	QPSK	6	0	Low	NV	0	-3.32	-0.003969	PASS
Band26	5MHz	26915	QPSK	6	0	Low	NV	-20	-3.83	-0.004579	PASS
Band26	5MHz	26915	QPSK	6	0	Low	NV	-30	-4.45	-0.00532	PASS
Band26	5MHz	26915	QPSK	6	0	Low	NV	70	-4.82	-0.005762	PASS
Band26	5MHz	27015	QPSK	6	0	High	NV	10	4.76	0.005623	PASS
Band26	5MHz	27015	QPSK	6	0	High	NV	30	-3.82	-0.004513	PASS
Band26	5MHz	27015	QPSK	6	0	High	NV	-30	4.31	0.005092	PASS
Band26	5MHz	27015	QPSK	6	0	High	NV	-20	5.09	0.006013	PASS
Band26	5MHz	27015	QPSK	6	0	High	NV	0	2.85	0.003367	PASS
Band26	5MHz	27015	QPSK	6	0	High	NV	20	2.79	0.003296	PASS
Band26	5MHz	27015	QPSK	6	0	High	NV	50	-2.45	-0.002894	PASS
Band26	5MHz	27015	QPSK	6	0	High	NV	60	3.3	0.003898	PASS
Band26	5MHz	27015	QPSK	6	0	High	NV	-10	3.55	0.004194	PASS

BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band26	5MHz	27015	QPSK	6	0	High	NV	70	4.32	0.005103	PASS
Band26	5MHz	27015	QPSK	6	0	High	NV	40	3.48	0.004111	PASS
Band26	5MHz	26815	16QAM	6	0	Low	NV	-30	-3.58	-0.004332	PASS
Band26	5MHz	26815	16QAM	6	0	Low	NV	70	2.59	0.003134	PASS
Band26	5MHz	26815	16QAM	6	0	Low	NV	60	-2.42	-0.002928	PASS
Band26	5MHz	26815	16QAM	6	0	Low	NV	50	-3.29	-0.003981	PASS
Band26	5MHz	26815	16QAM	6	0	Low	NV	40	3.02	0.003654	PASS
Band26	5MHz	26815	16QAM	6	0	Low	NV	30	2.35	0.002843	PASS
Band26	5MHz	26815	16QAM	6	0	Low	NV	20	-3.36	-0.004065	PASS
Band26	5MHz	26815	16QAM	6	0	Low	NV	-10	2.89	0.003497	PASS
Band26	5MHz	26815	16QAM	6	0	Low	NV	0	2.27	0.002747	PASS
Band26	5MHz	26815	16QAM	6	0	Low	NV	10	2.82	0.003412	PASS
Band26	5MHz	26815	16QAM	6	0	Low	NV	-20	3.43	0.00415	PASS
Band26	5MHz	26915	16QAM	6	0	Low	NV	-30	-4.75	-0.005678	PASS
Band26	5MHz	26915	16QAM	6	0	Low	NV	-20	-2.82	-0.003371	PASS
Band26	5MHz	26915	16QAM	6	0	Low	NV	-10	-6.78	-0.008105	PASS
Band26	5MHz	26915	16QAM	6	0	Low	NV	0	-6.02	-0.007197	PASS
Band26	5MHz	26915	16QAM	6	0	Low	NV	10	-4.31	-0.005152	PASS
Band26	5MHz	26915	16QAM	6	0	Low	NV	30	-6.12	-0.007316	PASS
Band26	5MHz	26915	16QAM	6	0	Low	NV	40	-5.49	-0.006563	PASS
Band26	5MHz	26915	16QAM	6	0	Low	NV	50	-7.17	-0.008571	PASS
Band26	5MHz	26915	16QAM	6	0	Low	NV	60	-4.92	-0.005882	PASS
Band26	5MHz	26915	16QAM	6	0	Low	NV	70	-6.51	-0.007782	PASS
Band26	5MHz	26915	16QAM	6	0	Low	NV	20	-4.56	-0.005451	PASS
Band26	5MHz	27015	16QAM	6	0	High	NV	50	4.68	0.005529	PASS
Band26	5MHz	27015	16QAM	6	0	High	NV	-30	3.49	0.004123	PASS
Band26	5MHz	27015	16QAM	6	0	High	NV	-20	3.96	0.004678	PASS
Band26	5MHz	27015	16QAM	6	0	High	NV	-10	-2.13	-0.002516	PASS
Band26	5MHz	27015	16QAM	6	0	High	NV	0	3.46	0.004087	PASS
Band26	5MHz	27015	16QAM	6	0	High	NV	10	3.89	0.004595	PASS
Band26	5MHz	27015	16QAM	6	0	High	NV	20	2.26	0.00267	PASS
Band26	5MHz	27015	16QAM	6	0	High	NV	70	4.05	0.004784	PASS
Band26	5MHz	27015	16QAM	6	0	High	NV	40	2.78	0.003284	PASS
Band26	5MHz	27015	16QAM	6	0	High	NV	60	4.13	0.004879	PASS
Band26	5MHz	27015	16QAM	6	0	High	NV	30	2.3	0.002717	PASS
Band26	10MHz	26840	QPSK	6	0	Low	NV	70	6.67	0.008046	PASS
Band26	10MHz	26840	QPSK	6	0	Low	NV	60	5.48	0.00661	PASS
Band26	10MHz	26840	QPSK	6	0	Low	NV	-30	6.59	0.007949	PASS
Band26	10MHz	26840	QPSK	6	0	Low	NV	-20	5.87	0.007081	PASS
Band26	10MHz	26840	QPSK	6	0	Low	NV	-10	6.45	0.00778	PASS
Band26	10MHz	26840	QPSK	6	0	Low	NV	0	6.24	0.007527	PASS
Band26	10MHz	26840	QPSK	6	0	Low	NV	10	8.81	0.010627	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band26	10MHz	26840	QPSK	6	0	Low	NV	20	6.32	0.007624	PASS
Band26	10MHz	26840	QPSK	6	0	Low	NV	30	6.45	0.00778	PASS
Band26	10MHz	26840	QPSK	6	0	Low	NV	40	6.74	0.00813	PASS
Band26	10MHz	26840	QPSK	6	0	Low	NV	50	7.35	0.008866	PASS
Band26	10MHz	26915	QPSK	6	0	Low	NV	40	7.8	0.009325	PASS
Band26	10MHz	26915	QPSK	6	0	Low	NV	-30	6.92	0.008273	PASS
Band26	10MHz	26915	QPSK	6	0	Low	NV	-20	6.14	0.00734	PASS
Band26	10MHz	26915	QPSK	6	0	Low	NV	-10	7.3	0.008727	PASS
Band26	10MHz	26915	QPSK	6	0	Low	NV	0	6.29	0.007519	PASS
Band26	10MHz	26915	QPSK	6	0	Low	NV	10	7.08	0.008464	PASS
Band26	10MHz	26915	QPSK	6	0	Low	NV	30	6.45	0.007711	PASS
Band26	10MHz	26915	QPSK	6	0	Low	NV	50	5.04	0.006025	PASS
Band26	10MHz	26915	QPSK	6	0	Low	NV	60	6.37	0.007615	PASS
Band26	10MHz	26915	QPSK	6	0	Low	NV	70	6.62	0.007914	PASS
Band26	10MHz	26915	QPSK	6	0	Low	NV	20	6.07	0.007256	PASS
Band26	10MHz	26990	QPSK	6	0	High	NV	70	6.61	0.007832	PASS
Band26	10MHz	26990	QPSK	6	0	High	NV	-30	7.95	0.009419	PASS
Band26	10MHz	26990	QPSK	6	0	High	NV	-20	8.24	0.009763	PASS
Band26	10MHz	26990	QPSK	6	0	High	NV	-10	6.9	0.008175	PASS
Band26	10MHz	26990	QPSK	6	0	High	NV	0	8.44	0.01	PASS
Band26	10MHz	26990	QPSK	6	0	High	NV	10	8.65	0.010249	PASS
Band26	10MHz	26990	QPSK	6	0	High	NV	20	6.58	0.007796	PASS
Band26	10MHz	26990	QPSK	6	0	High	NV	30	6.32	0.007488	PASS
Band26	10MHz	26990	QPSK	6	0	High	NV	40	6.22	0.00737	PASS
Band26	10MHz	26990	QPSK	6	0	High	NV	60	6.34	0.007512	PASS
Band26	10MHz	26990	QPSK	6	0	High	NV	50	7.22	0.008555	PASS
Band26	10MHz	26840	16QAM	6	0	Low	NV	-10	7.15	0.008625	PASS
Band26	10MHz	26840	16QAM	6	0	Low	NV	-30	6.55	0.007901	PASS
Band26	10MHz	26840	16QAM	6	0	Low	NV	50	8	0.00965	PASS
Band26	10MHz	26840	16QAM	6	0	Low	NV	40	6.01	0.00725	PASS
Band26	10MHz	26840	16QAM	6	0	Low	NV	30	7.27	0.00877	PASS
Band26	10MHz	26840	16QAM	6	0	Low	NV	20	5.22	0.006297	PASS
Band26	10MHz	26840	16QAM	6	0	Low	NV	0	6.39	0.007708	PASS
Band26	10MHz	26840	16QAM	6	0	Low	NV	-20	8.35	0.010072	PASS
Band26	10MHz	26840	16QAM	6	0	Low	NV	70	7.97	0.009614	PASS
Band26	10MHz	26840	16QAM	6	0	Low	NV	10	7.3	0.008806	PASS
Band26	10MHz	26840	16QAM	6	0	Low	NV	60	5.81	0.007008	PASS
Band26	10MHz	26915	16QAM	6	0	Low	NV	-30	6.9	0.008249	PASS
Band26	10MHz	26915	16QAM	6	0	Low	NV	70	5.28	0.006312	PASS
Band26	10MHz	26915	16QAM	6	0	Low	NV	60	7.18	0.008583	PASS
Band26	10MHz	26915	16QAM	6	0	Low	NV	50	8.17	0.009767	PASS
Band26	10MHz	26915	16QAM	6	0	Low	NV	40	6.59	0.007878	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band26	10MHz	26915	16QAM	6	0	Low	NV	20	6.94	0.008296	PASS
Band26	10MHz	26915	16QAM	6	0	Low	NV	10	5.81	0.006946	PASS
Band26	10MHz	26915	16QAM	6	0	Low	NV	0	8.05	0.009623	PASS
Band26	10MHz	26915	16QAM	6	0	Low	NV	-10	5.14	0.006145	PASS
Band26	10MHz	26915	16QAM	6	0	Low	NV	-20	4.42	0.005284	PASS
Band26	10MHz	26915	16QAM	6	0	Low	NV	30	4.51	0.005392	PASS
Band26	10MHz	26990	16QAM	6	0	High	NV	60	6.91	0.008187	PASS
Band26	10MHz	26990	16QAM	6	0	High	NV	-30	6.07	0.007192	PASS
Band26	10MHz	26990	16QAM	6	0	High	NV	-20	4.91	0.005818	PASS
Band26	10MHz	26990	16QAM	6	0	High	NV	-10	5.84	0.006919	PASS
Band26	10MHz	26990	16QAM	6	0	High	NV	0	7.35	0.008709	PASS
Band26	10MHz	26990	16QAM	6	0	High	NV	10	5.81	0.006884	PASS
Band26	10MHz	26990	16QAM	6	0	High	NV	20	7.5	0.008886	PASS
Band26	10MHz	26990	16QAM	6	0	High	NV	30	7.98	0.009455	PASS
Band26	10MHz	26990	16QAM	6	0	High	NV	50	6.35	0.007524	PASS
Band26	10MHz	26990	16QAM	6	0	High	NV	70	5.42	0.006422	PASS
Band26	10MHz	26990	16QAM	6	0	High	NV	40	5.12	0.006066	PASS
Band26	15MHz	26865	QPSK	6	0	Low	NV	30	3.83	0.004606	PASS
Band26	15MHz	26865	QPSK	6	0	Low	NV	-30	5.49	0.006603	PASS
Band26	15MHz	26865	QPSK	6	0	Low	NV	-20	3.5	0.004209	PASS
Band26	15MHz	26865	QPSK	6	0	Low	NV	-10	4.96	0.005965	PASS
Band26	15MHz	26865	QPSK	6	0	Low	NV	0	3.3	0.003969	PASS
Band26	15MHz	26865	QPSK	6	0	Low	NV	20	3.58	0.004305	PASS
Band26	15MHz	26865	QPSK	6	0	Low	NV	40	4.85	0.005833	PASS
Band26	15MHz	26865	QPSK	6	0	Low	NV	50	4.28	0.005147	PASS
Band26	15MHz	26865	QPSK	6	0	Low	NV	60	4.58	0.005508	PASS
Band26	15MHz	26865	QPSK	6	0	Low	NV	70	3.96	0.004762	PASS
Band26	15MHz	26865	QPSK	6	0	Low	NV	10	4.43	0.005328	PASS
Band26	15MHz	26915	QPSK	6	0	Low	NV	0	-7.77	-0.009289	PASS
Band26	15MHz	26915	QPSK	6	0	Low	NV	-30	-7.93	-0.00948	PASS
Band26	15MHz	26915	QPSK	6	0	Low	NV	-10	-8.28	-0.009898	PASS
Band26	15MHz	26915	QPSK	6	0	Low	NV	10	-8.33	-0.009958	PASS
Band26	15MHz	26915	QPSK	6	0	Low	NV	20	-6.94	-0.008296	PASS
Band26	15MHz	26915	QPSK	6	0	Low	NV	30	-7.77	-0.009289	PASS
Band26	15MHz	26915	QPSK	6	0	Low	NV	40	-6.17	-0.007376	PASS
Band26	15MHz	26915	QPSK	6	0	Low	NV	50	-7.32	-0.008751	PASS
Band26	15MHz	26915	QPSK	6	0	Low	NV	60	-7.7	-0.009205	PASS
Band26	15MHz	26915	QPSK	6	0	Low	NV	70	-7.14	-0.008536	PASS
Band26	15MHz	26915	QPSK	6	0	Low	NV	-20	-6.41	-0.007663	PASS
Band26	15MHz	26965	QPSK	6	0	High	NV	20	-4.89	-0.005811	PASS
Band26	15MHz	26965	QPSK	6	0	High	NV	70	-4.46	-0.0053	PASS
Band26	15MHz	26965	QPSK	6	0	High	NV	60	-6.35	-0.007546	PASS



BUREAU
VERITAS

Test Report No.: W7L-P23120015RI01

Band26	15MHz	26965	QPSK	6	0	High	NV	50	-4.84	-0.005752	PASS
Band26	15MHz	26965	QPSK	6	0	High	NV	30	-4.63	-0.005502	PASS
Band26	15MHz	26965	QPSK	6	0	High	NV	0	-4.88	-0.005799	PASS
Band26	15MHz	26965	QPSK	6	0	High	NV	-10	-4.92	-0.005847	PASS
Band26	15MHz	26965	QPSK	6	0	High	NV	-20	-4.55	-0.005407	PASS
Band26	15MHz	26965	QPSK	6	0	High	NV	-30	-4.85	-0.005764	PASS
Band26	15MHz	26965	QPSK	6	0	High	NV	10	-5.84	-0.00694	PASS
Band26	15MHz	26965	QPSK	6	0	High	NV	40	-3.75	-0.004456	PASS
Band26	15MHz	26865	16QAM	6	0	Low	NV	-20	3.81	0.004582	PASS
Band26	15MHz	26865	16QAM	6	0	Low	NV	70	4.92	0.005917	PASS
Band26	15MHz	26865	16QAM	6	0	Low	NV	60	4.23	0.005087	PASS
Band26	15MHz	26865	16QAM	6	0	Low	NV	50	3.6	0.00433	PASS
Band26	15MHz	26865	16QAM	6	0	Low	NV	40	4.11	0.004943	PASS
Band26	15MHz	26865	16QAM	6	0	Low	NV	30	3.75	0.00451	PASS
Band26	15MHz	26865	16QAM	6	0	Low	NV	20	4.39	0.00528	PASS
Band26	15MHz	26865	16QAM	6	0	Low	NV	10	3.96	0.004762	PASS
Band26	15MHz	26865	16QAM	6	0	Low	NV	-10	3.99	0.004799	PASS
Band26	15MHz	26865	16QAM	6	0	Low	NV	-30	4.31	0.005183	PASS
Band26	15MHz	26865	16QAM	6	0	Low	NV	0	4.02	0.004835	PASS
Band26	15MHz	26915	16QAM	6	0	Low	NV	-20	-5.89	-0.007041	PASS
Band26	15MHz	26915	16QAM	6	0	Low	NV	-10	-6.77	-0.008093	PASS
Band26	15MHz	26915	16QAM	6	0	Low	NV	0	-7.85	-0.009384	PASS
Band26	15MHz	26915	16QAM	6	0	Low	NV	10	-6.27	-0.007496	PASS
Band26	15MHz	26915	16QAM	6	0	Low	NV	20	-6.34	-0.007579	PASS
Band26	15MHz	26915	16QAM	6	0	Low	NV	30	-8.04	-0.009611	PASS
Band26	15MHz	26915	16QAM	6	0	Low	NV	40	-6.78	-0.008105	PASS
Band26	15MHz	26915	16QAM	6	0	Low	NV	50	-7.74	-0.009253	PASS
Band26	15MHz	26915	16QAM	6	0	Low	NV	60	-7.37	-0.008811	PASS
Band26	15MHz	26915	16QAM	6	0	Low	NV	70	-8.11	-0.009695	PASS
Band26	15MHz	26915	16QAM	6	0	Low	NV	-30	-8.05	-0.009623	PASS
Band26	15MHz	26965	16QAM	6	0	High	NV	-30	-5.76	-0.006845	PASS
Band26	15MHz	26965	16QAM	6	0	High	NV	-20	-4.68	-0.005561	PASS
Band26	15MHz	26965	16QAM	6	0	High	NV	-10	-3.82	-0.00454	PASS
Band26	15MHz	26965	16QAM	6	0	High	NV	0	-4.39	-0.005217	PASS
Band26	15MHz	26965	16QAM	6	0	High	NV	10	-5.31	-0.00631	PASS
Band26	15MHz	26965	16QAM	6	0	High	NV	20	-4.19	-0.004979	PASS
Band26	15MHz	26965	16QAM	6	0	High	NV	30	-5.94	-0.007059	PASS
Band26	15MHz	26965	16QAM	6	0	High	NV	40	-4.01	-0.004765	PASS
Band26	15MHz	26965	16QAM	6	0	High	NV	50	-4.15	-0.004932	PASS
Band26	15MHz	26965	16QAM	6	0	High	NV	60	-4.02	-0.004777	PASS
Band26	15MHz	26965	16QAM	6	0	High	NV	70	-2.75	-0.003268	PASS

--END--

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com