

FCC TEST REPORT

(PART 27)

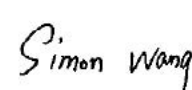
Applicant:	KYOCERA Corporation
Address:	Yokohama Office 2-1-1 Kagahara, Tsuzuki-ku Yokohama-shi, Kanagawa, Japan

Manufacturer or Supplier:	KYOCERA Corporation
Address:	Yokohama Office 2-1-1 Kagahara, Tsuzuki-ku Yokohama-shi, Kanagawa, Japan
Product:	Mobile Phone
Brand Name:	KYOCERA
Model Name:	EB1236
FCC ID	JOYEB1236
Date of tests	May. 13, 2026 - Jul. 02, 2026

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

- | | |
|--|--|
| ☒ FCC Part 27 | ☒ ANSI/TIA/EIA-603-E |
| ☒ ANSI/TIA/EIA-603-D | ☒ ANSI C63.26-2015 |
| ☒ FCC Part 2 | |

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

Prepared by Carl Xie Engineer / Mobile Department	Approved by Simon Wang Manager / Mobile Department
	
Date: Jul. 02, 2026	Date: Jul. 02, 2026

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.

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF260626B004	Original release	Jul. 02, 2026

1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC PART 27 & PART 2			
STANDARD SECTION	TEST TYPE AND LIMIT	RESULT	TEST LAB*
§2.1046	Conducted Output Power	Compliance	A
§27.50(d)(4) §27.50(k)(3) §27.50(h)(2)	Equivalent Isotropically Radiated Power (Band 4) (Band 41)	Compliance	A
§2.1055 §27.54	Frequency Stability	Compliance	A
§2.1049	Occupied Bandwidth	Compliance	A
§2.1051 §27.53(h) §27.53(n)(2) §27.53(m)(4)(6)	Conducted Band Edge Measurements (Band 4)(Band 41)	Compliance	A
§2.1051 §27.53(h) §27.53(n)(2) §27.53(m)(4)(6)	Conducted Spurious Emissions (Band 4)(Band 41)	Compliance	A
§2.1053 §27.53(h) §27.53(n)(2) §27.53(m)(4)(6)	Radiated Spurious Emissions (Band 4) (Band 41)	Compliance	A
§27.50(d)(5) §27.50(k)(4)	Peak to average ratio	Compliance	A

* Refer to KDB 971168 D01 Power Meas License Digital Systems v03r01.

*Test Lab Information Reference

Lab A:

BOOMWAVE TEST (SHENZHEN) CO., LTD.

Lab Address:

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th Road, Chiwan Community, Zhaoshang Street, Nanshan District, Shenzhen, Guangdong, P.R. CHINA

Accredited Test Lab Cert 7607.01

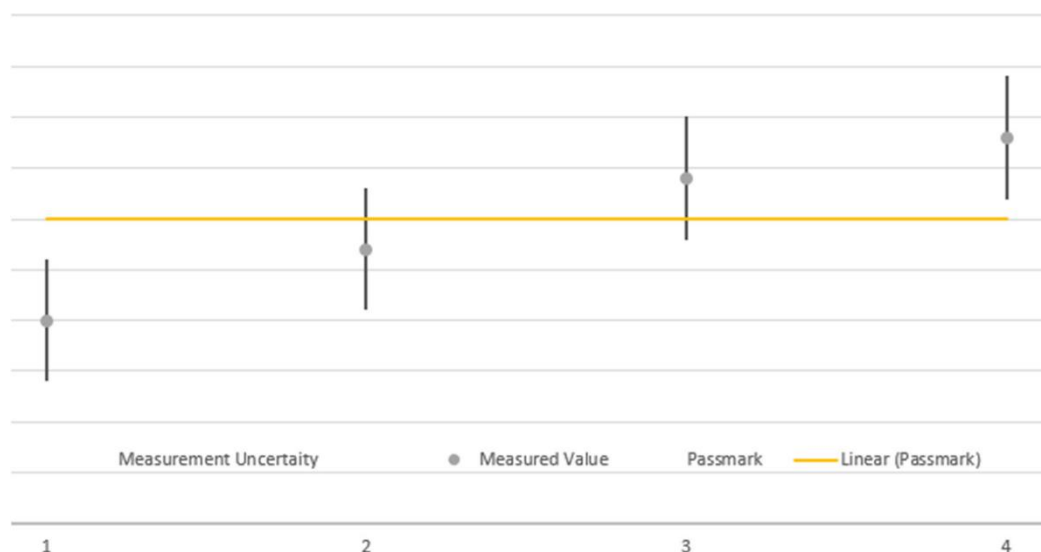
The FCC Site Registration No. is 646781; The Designation No. is CN1429.

1.1 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

MEASUREMENT	UNCERTAINTY
Frequency Stability	$\pm 76.97\text{Hz}$
Radiated emissions (9KHz~30MHz)	$\pm 2.68\text{dB}$
Radiated emissions & Radiated Power (30MHz~1GHz)	$\pm 4.98\text{dB}$
Radiated emissions & Radiated Power (1GHz ~6GHz)	$\pm 4.70\text{dB}$
Radiated emissions (6GHz ~18GHz)	$\pm 4.60\text{dB}$
Radiated emissions (18GHz ~40GHz)	$\pm 4.12\text{dB}$
Conducted emissions	$\pm 4.01\text{dB}$
Occupied Channel Bandwidth	$\pm 43.58\text{KHz}$
Conducted Output power	$\pm 2.06\text{dB}$
Band Edge Measurements	$\pm 4.70\text{dB}$

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



The verdicts in this test report are given according the above diagram:

Case	Measured Value	Uncertainty Range	Verdict
1	below pass mark	below pass mark	Passed
2	below pass mark	within pass mark	Passed
3	above pass mark	within pass mark	Failed
4	above pass mark	above pass mark	Failed

That means, the laboratory applies, as decision rule (see ISO/IEC 17025:2017), the so-called shared risk principle.

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1.2 TEST SITE AND INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
3m Semi-anechoic Chamber	ETS-LINDGREN	9m*6m*6m	Euroshieldpn-CT0001143-1216	2025/7/3	2027/7/2
BiConiLog Antenna	ETS-LINDGREN	3143B	161965	2025/7/17	2027/7/16
Horn Antenna	SCHWARZBECK	BBHA9120D	3297	2025/9/27	2027/9/26
Horn Antenna	STEATITE	QWH-SL-18-40-K-SG QMS-00361	15433	2025/7/19	2027/7/18
Preamplifier	Tonscend	TPA184045	AP24L8060388	2025/7/3	2027/7/2
MXE EMI Receiver	keysight	N9038B	MY50018017	2025/7/1	2027/6/30
MXG Vector Signal Generator	Keysight	N5183B	MY59100137	2025/6/30	2027/6/29
Preamplifier	Tonscend	TPA001330	806JSAPO40804251015	2025/6/30	2027/6/29
Preamplifier	Tonscend	TPA011845	AP24L8060392	2025/6/30	2027/6/29
Attenuator 6DB	SHX	TS2-6-6-A	230927166	2025/6/30	2027/6/29
Attenuator 6DB	SHX	TS2-6-6-A	230927165	2025/6/30	2027/6/29
Active Receive Loop Antenna	SCHWARZBECK	FMZB 1519 B	00173	2025/6/30	2027/6/29
Temp. & Humi. Recorder	Kejian	HTC-01	157246	2025/7/2	2027/7/1
HIGH pass FILTER 1-18	EWT	EWT-57-0222	EWT-57-0222	2025/6/30	2027/6/29
HIGH pass FILTER 7-18	EWT	EWT-57-0223	EWT-57-0223	2025/6/30	2027/6/29
HIGH pass FILTER 3-18	EWT	EWT-57-0221	EWT-57-0221	2025/6/30	2027/6/29
DC~1GHz Lowpass Filter	EWT	EWT-56-0649	EWT-56-0649	2025/7/3	2027/7/2
Cable 1	N/A	N/A	N/A	2025/9/28	2027/9/27
Cable 2	N/A	N/A	N/A	2025/9/28	2027/9/27
Cable 3	N/A	N/A	N/A	2025/9/28	2027/9/27
Wireless communication integrated tester	Rohde&Schwarz	CMW500	182016	2025/6/30	2027/6/29
EXA Signal Analyzer	KEYSIGHT	N9010B	MY62170156	2025/6/30	2027/6/29
RF Control Unit	Tonscend	JS0806-1	21K8060504	2025/6/16	2027/6/15
DC Power Supply	AGILENT	HMP2020	100598	2025/7/1	2027/6/30
10dB attenuator	JFW INDUSTRIES INC	50HF-010-SMA	50HF-010-SMA-1	2025/6/30	2027/6/29
10dB attenuator	JFW INDUSTRIES INC	50HF-010-SMA	50HF-010-SMA-2	2025/6/30	2027/6/29
hygrothermograph	Anymetrers	----	TH101B	2025/7/22	2027/7/21
Temperature Box	zhongkemeiqi	MA22040172	MQ-DTH50F-2	2025/7/1	2027/6/30
power divider	WOKEN	71688	204-003180-01	2025/6/30	2027/6/29

NOTE:

1. The calibration interval of the above test instruments is 24 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 FCC Site Registration No. is 646781; The Designation No. is CN1429.

2 GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

PRODUCT	Mobile Phone	
BRAND NAME	KYOCERA	
MODEL NAME	EB1236	
NOMINAL VOLTAGE	3.89Vdc	
MODULATION TECHNOLOGY	LTE	QPSK, 16QAM, 64QAM
FREQUENCY RANGE	LTE Band 4 Channel Bandwidth: 1.4MHz	1710.7MHz ~ 1754.3MHz
	LTE Band 4 Channel Bandwidth: 3MHz	1711.5MHz ~ 1753.5MHz
	LTE Band 4 Channel Bandwidth: 5MHz	1712.5MHz ~ 1752.5MHz
	LTE Band 4 Channel Bandwidth: 10MHz	1715MHz ~ 1750MHz
	LTE Band 4 Channel Bandwidth: 15MHz	1717.5MHz ~ 1747.5 MHz
	LTE Band 4 Channel Bandwidth: 20MHz	1720MHz ~ 1745MHz
	LTE Band 41 Channel Bandwidth: 5MHz	2498.5MHz ~ 2687.5MHz
	LTE Band 41 Channel Bandwidth: 10MHz	2501MHz ~ 2685MHz
	LTE Band 41 Channel Bandwidth: 15MHz	2503.5MHz ~ 2682.5MHz
	LTE Band 41 Channel Bandwidth: 20MHz	2506MHz ~ 2680MHz
MAX. EIRP POWER	LTE Band 4 Channel Bandwidth: 1.4MHz	156.68mW
	LTE Band 4 Channel Bandwidth: 3MHz	155.24mW
	LTE Band 4 Channel Bandwidth: 5MHz	154.53mW
	LTE Band 4 Channel Bandwidth: 10MHz	156.68mW
	LTE Band 4 Channel Bandwidth: 15MHz	153.46mW
	LTE Band 4 Channel Bandwidth: 20MHz	158.85mW
	LTE Band 41 Channel Bandwidth: 5MHz	255.86mW
	LTE Band 41 Channel Bandwidth: 10MHz	253.51mW
	LTE Band 41 Channel Bandwidth: 15MHz	252.35mW
	LTE Band 41 Channel Bandwidth: 20MHz	257.04mW

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EMISSION DESIGNATOR	LTE Band 4 Channel Bandwidth: 1.4MHz	QPSK: 1M10G7D
		16QAM: 1M11W7D
		64QAM: 1M11W7D
	LTE Band 4 Channel Bandwidth: 3MHz	QPSK: 2M70G7D
		16QAM: 2M70W7D
		64QAM: 2M70W7D
	LTE Band 4 Channel Bandwidth: 5MHz	QPSK: 4M52G7D
		16QAM: 4M52W7D
		64QAM: 4M52W7D
	LTE Band 4 Channel Bandwidth: 10MHz	QPSK: 9M02G7D
		16QAM: 9M03W7D
		64QAM: 9M00W7D
	LTE Band 4 Channel Bandwidth: 15MHz	QPSK: 13M5G7D
		16QAM: 13M5W7D
		64QAM: 13M5W7D
	LTE Band 4 Channel Bandwidth: 20MHz	QPSK: 18M0G7D
		16QAM: 18M0W7D
		64QAM: 18M0W7D
ANTENNA GAI	LTE Band 41 Channel Bandwidth: 5MHz	QPSK: 4M52G7D
		16QAM: 4M52W7D
		64QAM: 4M53W7D
	LTE Band 41 Channel Bandwidth: 10MHz	QPSK: 9M02G7D
		16QAM: 9M01W7D
		64QAM: 9M01W7D
	LTE Band 41 Channel Bandwidth: 15MHz	QPSK: 13M5G7D
		16QAM: 13M5W7D
		64QAM: 13M5W7D
	LTE Band 41 Channel Bandwidth: 20MHz	QPSK: 18M0G7D
		16QAM: 18M0W7D
		64QAM: 18M0W7D
ANTENNA TYPE	☒ Provided by client	
	LTE B4	-1dBi
	LTE B41	0.5dBi
ANTENNA TYPE	Monopole	
HW VERSION	DMT2	
SW VERSION	V0.252EX.0052.a	

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I/O PORTS	Refer to user's manual
CABLE SUPPLIED	N/A
EXTREME TEMPERATURE	-20°C-60°C
EXTREME VOLTAGE	3.501V – 4.279V

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 two/four receivers.

MODULATION MODE	TX FUNCTION
LTE 4	1TX/2RX
LTE 41	1TX/4RX

3. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.
4. According to the Statement of differences provided by the applicant, the procurement of memory from multiple suppliers. EB1236 source MCP(ROM and RAM) from two different vendors each and use them interchangeably. MCP is procured from Micron and Samsung.

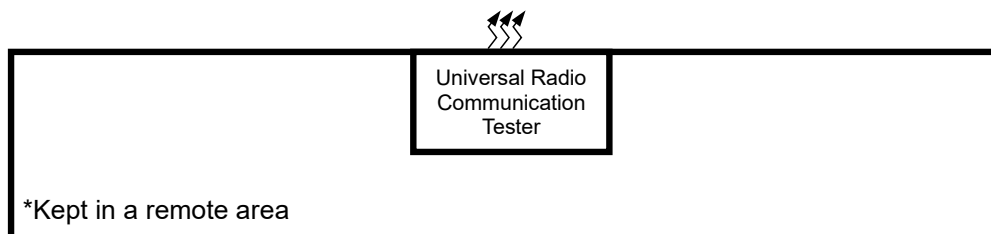
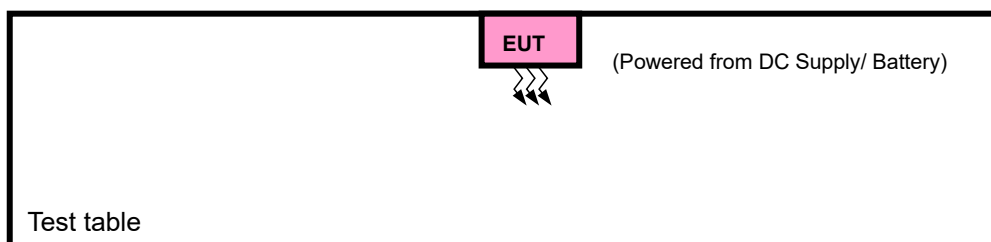
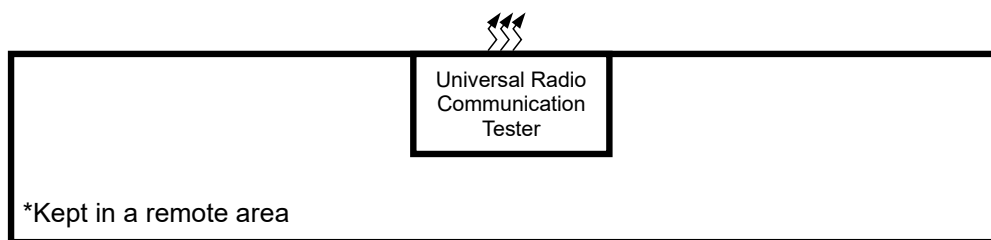
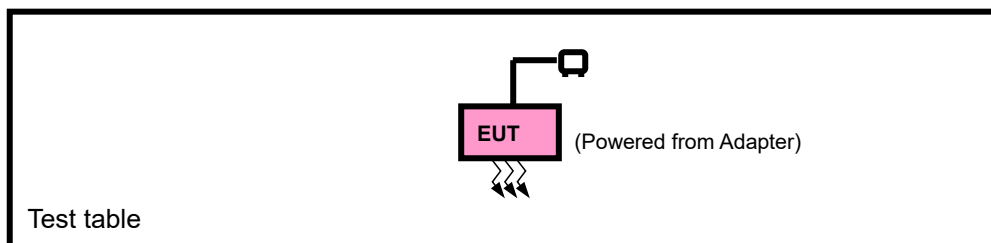
MCP(ROM and RAM)

Micron: MT30AZZZCD94TKXL-023 W.237

Samsung: KM9YC001XM-B627

2.2 CONFIGURATION OF SYSTEM UNDER TEST

FOR RADIATION EMISSION TEST



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	Laptop	Lenovo	ThinkPad E14	HRSW00024	N/A
2	Adapter	Juniper	MK-P301EXC	N/A	N/A
3	Earphone	Xiaomi	N/A	N/A	N/A

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	USB Line: Shielded, Detachable 1m;

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 was found when positioned on Y-plane for EIRP and X-axis for radiated emission. Following channel(s) was (were) selected for the final test as listed below:

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

LTE BAND 4 MODE						
EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
A	EIRP	19957 to 20393	19957, 20175, 20393	1.4MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset
		19965 to 20385	19965, 20175, 20385	3MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset
		19975 to 20375	19975, 20175, 20375	5MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset
		20000 to 20350	20000, 20175, 20350	10MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset
		20025 to 20325	20025, 20175, 20325	15MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset
		20050 to 20300	20050, 20175, 20300	20MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset
B	FREQUENCY STABILITY	20000 to 20350	20000, 20175, 20350	10MHz	QPSK	100 RB / 0 RB Offset
A	OCCUPIED BANDWIDTH	19957 to 20393	19957, 20175, 20393	1.4MHz	QPSK, 16QAM, 64QAM	6 RB / 0 RB Offset
		19965 to 20385	19965, 20175, 20385	3MHz	QPSK, 16QAM, 64QAM	15 RB / 0 RB Offset
		19975 to 20375	19975, 20175, 20375	5MHz	QPSK, 16QAM, 64QAM	25 RB / 0 RB Offset
		20000 to 20350	20000, 20175, 20350	10MHz	QPSK, 16QAM, 64QAM	50 RB / 0 RB Offset
		20025 to 20325	20025, 20175, 20325	15MHz	QPSK, 16QAM, 64QAM	75 RB / 0 RB Offset
		20050 to 20300	20050, 20175, 20300	20MHz	QPSK, 16QAM, 64QAM	100 RB / 0 RB Offset
A	BAND EDGE	19957 to 20393	19957	1.4MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset
						6 RB / 0 RB Offset
			20393	1.4MHz	QPSK, 16QAM, 64QAM	1 RB / 5 RB Offset
						6 RB / 0 RB Offset
		19965 to	19965	3MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset

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		20385				15 RB / 0 RB Offset
			20385	3MHz	QPSK,16QAM, 64QAM	1 RB / 14 RB Offset
		19975 to 20375	19975	5MHz	QPSK,16QAM, 64QAM	15 RB / 0 RB Offset
						1 RB / 0 RB Offset
			20375	5MHz	QPSK,16QAM, 64QAM	25 RB / 0 RB Offset
						1 RB / 24 RB Offset
		20000 to 20350	20000	10MHz	QPSK,16QAM, 64QAM	25 RB / 0 RB Offset
						1 RB / 0 RB Offset
			20350	10MHz	QPSK,16QAM, 64QAM	50 RB / 0 RB Offset
						1 RB / 49 RB Offset
		20025 to 20325	20025	15MHz	QPSK,16QAM, 64QAM	50 RB / 0 RB Offset
						1 RB / 0 RB Offset
			20325	15MHz	QPSK,16QAM, 64QAM	75 RB / 0 RB Offset
						1 RB / 74 RB Offset
A	CONDCUDED EMISSION	19957 to 20393	19957, 20175, 20393	1.4MHz	QPSK	1 RB / 0 RB Offset
		19965 to 20385	19965, 20175, 20385	3MHz	QPSK	1 RB / 0 RB Offset
		19975 to 20375	19975, 20175, 20375	5MHz	QPSK	1 RB / 0 RB Offset
		20000 to 20350	20000, 20175, 20350	10MHz	QPSK	1 RB / 0 RB Offset
		20025 to 20325	20025, 20175, 20325	15MHz	QPSK	1 RB / 0 RB Offset
		20050 to 20300	20050, 20175, 20300	20MHz	QPSK	1 RB / 0 RB Offset
A	PEAK TO AVERAGE RATIO	19957 to 20393	19957, 20175, 20393	1.4MHz	QPSK,16QAM, 64QAM	1 RB / 0 RB Offset 100 RB / 0 RB Offset
		19965 to 20385	19965, 20175, 20385	3MHz	QPSK,16QAM, 64QAM	
		19975 to 20375	19975, 20175, 20375	5MHz	QPSK,16QAM, 64QAM	
		20000 to 20350	20000, 20175, 20350	10MHz	QPSK,16QAM, 64QAM	
		20025 to 20325	20025, 20175, 20325	15MHz	QPSK,16QAM, 64QAM	
		20050 to 20300	20050, 20175, 20300	20MHz	QPSK,16QAM, 64QAM	
A	RADIATED EMISSION	132072 to 132572	20050, 20175, 20300	20MHz	QPSK	1 RB / 0 RB Offset

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CO., LTD.

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

LTE BAND 41 MODE						
EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	CHANNEL BANDWIDTH	MODULATION	MODE
A	EIRP	39675 to 41565	39675, 40620, 41565	5MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset
		39700 to 41540	39700, 40620, 41540	10MHz	QPSK, 16QAM, 64QAM	1 RB / 0RB Offset
		39725 to 41515	39725, 40620, 41515	15MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset
		39750 to 41490	39750, 40620, 41490	20MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset
B	FREQUENCY STABILITY	39700 to 41540	39700, 40620, 41540	10MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset
A	OCCUPIED BANDWIDTH	39675 to 41565	39675, 40620, 41565	5MHz	QPSK, 16QAM, 64QAM	25 RB / 0 RB Offset
		39700 to 41540	39700, 40620, 41540	10MHz	QPSK, 16QAM, 64QAM	50 RB / 0 RB Offset
		39725 to 41515	39725, 40620, 41515	15MHz	QPSK, 16QAM, 64QAM	75 RB / 0 RB Offset
		39750 to 41490	39750, 40620, 41490	20MHz	QPSK, 16QAM, 64QAM	100 RB / 0 RB Offset
A	PEAK TO AVERAGE RATIO	39675 to 41565	39675, 40620, 41565	5MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset 100 RB / 0 RB Offset
		39700 to 41540	39700, 40620, 41540	10MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset 100 RB / 0 RB Offset
		39725 to 41515	39725, 40620, 41515	15MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset 100 RB / 0 RB Offset
		39750 to 41490	39750, 40620, 41490	20MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset 100 RB / 0 RB Offset
A	BAND EDGE	39675 to 41565	39675	5MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset 25 RB / 0 RB Offset
			41565	5MHz	QPSK, 16QAM, 64QAM	1 RB / 24 RB Offset 25 RB / 0 RB Offset
		39700 to 41540	39700	10MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset 50 RB / 0 RB Offset

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			41540	10MHz	QPSK, 16QAM, 64QAM	1 RB / 49 RB Offset
						50 RB / 0 RB Offset
		39725 to 41515	39725	15MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset
						75 RB / 0 RB Offset
		39750 to 41490	41515	15MHz	QPSK, 16QAM, 64QAM	1 RB / 74 RB Offset
						75 RB / 0 RB Offset
			39750	20MHz	QPSK, 16QAM, 64QAM	1 RB / 0 RB Offset
						100 RB / 0 RB Offset
A	CONDCUDED EMISSION	39675 to 41565	39675, 40620, 41565	5MHz	QPSK	1 RB / 0 RB Offset
			39700, 40620, 41540	10MHz	QPSK	1 RB / 0 RB Offset
		39725 to 41515	39725, 40620, 41515	15MHz	QPSK	1 RB / 0 RB Offset
		39750 to 41490	39750, 40620, 41490	20MHz	QPSK	1 RB / 0 RB Offset
		39750 to 41490	39750, 40620, 41490	20MHz	QPSK	1 RB / 0 RB Offset
A	RADIATED EMISSION	39750 to 41490	39750, 40620, 41490	20MHz	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.

TEST CONDITION			
TEST ITEM	ENVIRONMENTAL CONDITIONS	INPUT POWER	TESTED BY
EIRP	23deg. C, 70%RH	DC 3.89V By Battery	Carl Xie
FREQUENCY STABILITY	23deg. C, 70%RH	DC 3.89V By Battery	Alan Yu
OCCUPIED BANDWIDTH	23deg. C, 70%RH	DC 3.89V By Battery	Alan Yu
BAND EDGE	23deg. C, 70%RH	DC 3.89V By Battery	Alan Yu
CONDCUDED EMISSION	23deg. C, 70%RH	DC 3.89V By Battery	Alan Yu
RADIATED EMISSION	23deg. C, 70%RH	DC 3.89V By Battery	Carl Xie
PEAK TO AVERAGE RATIO	23deg. C, 70%RH	DC 3.89V By Battery	Alan Yu

2.5 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:

FCC 47 CFR Part 2

FCC 47 CFR Part 27

KDB 971168 D01 Power Meas License Digital Systems v03r01

ANSI/TIA/EIA-603-D

ANSI/TIA/EIA-603-E

ANSI C63.26-2015

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

3 TEST TYPES AND RESULTS

3.1 OUTPUT POWER MEASUREMENT

3.1.1 LIMITS OF OUTPUT POWER MEASUREMENT

The radiated average output power shall be according to the specific rule Part 27.50(h)(2) that “User stations are limited to 2 watts” and 27.50(i) specific that “Peak transmit power must be measure over any interval of continuous transmission using instrumentation calibration in terms of rms-equivalent voltage.”

Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

According to the specific rule Part 27.50 (k)(3) Mobile devices are limited to 1Watt (30 dBm) EIRP, Mobile devices operating inl these bands must employ a means for limiting power to the minimum necessary for successful communications

3.1.2 TEST PROCEDURES

EIRP 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 determing the ERP or EIRP from the conducted RF output power measured using the guidance provided above is:

$$\text{ERP or EIRP} = P_{\text{Meas}} + G_{\text{T}} - L_{\text{C}}$$

Where:

ERP or EIRP = 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) or dBi (EIRP);

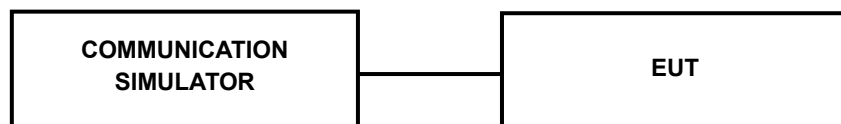
L_{C} = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

CONDUCTED POWER MEASUREMENT:

- The EUT was set up for the maximum power with LTE 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.

3.1.3 TEST SETUP

CONDUCTED POWER MEASUREMENT:



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

LTE Band 4						
BW [MHz]	Modulation	RB Size	RB Offset	Low	Mid	High
		Channel		20050	20175	20300
		Frequency (MHz)		1720	1732.5	1745
20	QPSK	1	0	22.52	22.79	22.83
		1	50	22.70	22.82	22.90
		1	99	22.91	23.01	22.97
		50	0	21.68	21.87	21.99
		50	25	21.73	21.91	21.91
		50	50	21.87	22.13	22.09
		100	0	21.78	22.06	21.88
	16QAM	1	0	21.89	21.98	22.26
		1	50	21.93	22.12	22.17
		1	99	22.08	22.21	22.30
		50	0	20.65	20.87	20.98
		50	25	20.77	20.86	20.90
		50	50	20.79	20.99	21.01
		100	0	20.85	20.98	21.00
	64QAM	1	0	20.87	20.77	21.02
		1	50	20.86	21.00	20.91
		1	99	21.04	21.05	21.08
		50	0	19.72	19.81	19.88
		50	25	20.01	19.89	19.98
		50	50	19.89	19.99	20.06
		100	0	19.83	19.93	20.03
BW [MHz]	Modulation	Channel		20025	20175	20325
		Frequency (MHz)		1717.5	1732.5	1747.5
15	QPSK	1	0	22.51	22.78	22.78
		1	37	22.67	22.74	22.75
		1	74	22.81	22.86	22.86
		36	0	21.54	21.86	21.94
		36	19	21.63	21.84	21.78

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		36	39	21.77	21.89	22.09
		75	0	21.65	22.04	21.83
	16QAM	1	0	21.84	21.86	22.16
		1	37	21.91	22.06	22.07
		1	74	21.95	22.10	22.28
		36	0	20.54	20.82	20.86
		36	19	20.66	20.80	20.77
		36	39	20.72	20.86	20.93
		75	0	20.71	20.95	20.86
	64QAM	1	0	20.82	20.73	20.91
		1	37	20.76	20.92	20.79
		1	74	21.01	21.03	21.07
		36	0	19.67	19.71	19.79
		36	19	19.86	19.83	19.83
		36	39	19.81	19.94	19.92
		75	0	19.80	19.81	19.92
BW [MHz]	Modulation	Channel		20000	20175	20350
		Frequency (MHz)		1715	1732.5	1750
10	QPSK	1	0	22.41	22.65	22.70
		1	24	22.67	22.72	22.76
		1	49	22.85	22.95	22.87
		25	0	21.54	21.77	21.98
		25	12	21.61	21.80	21.85
		25	25	21.86	21.86	22.07
		50	0	21.65	21.97	21.82
	16QAM	1	0	21.85	21.85	22.16
		1	24	21.81	21.99	22.13
		1	49	22.05	22.06	22.18
		25	0	20.52	20.81	20.94
		25	12	20.76	20.85	20.86
		25	25	20.76	20.86	20.92
		50	0	20.83	20.94	20.89
	64QAM	1	0	20.83	20.65	20.94
		1	24	20.71	20.92	20.80
		1	49	21.02	20.96	21.06
		25	0	19.68	19.74	19.80
		25	12	19.95	19.75	19.90
		25	25	19.83	19.95	20.05
		50	0	19.82	19.86	19.97
BW [MHz]	Modulation	Channel		19975	20175	20375
		Frequency (MHz)		1712.5	1732.5	1752.5
5	QPSK	1	0	22.42	22.66	22.79
		1	12	22.63	22.67	22.79

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		1	24	22.78	22.87	22.89
		12	0	21.61	21.83	21.97
		12	6	21.63	21.87	21.90
		12	13	21.76	21.90	22.08
		25	0	21.69	21.99	21.82
	16QAM	1	0	21.86	21.97	22.21
		1	12	21.81	22.08	22.03
		1	24	21.99	22.13	22.28
		12	0	20.55	20.81	20.94
		12	6	20.74	20.82	20.78
		12	13	20.68	20.95	20.90
		25	0	20.71	20.88	20.95
	64QAM	1	0	20.75	20.71	20.90
		1	12	20.77	20.99	20.79
		1	24	21.00	20.92	21.00
		12	0	19.64	19.68	19.73
		12	6	19.94	19.85	19.91
		12	13	19.84	19.88	20.04
		25	0	19.79	19.87	19.92
	BW [MHz]	Channel		19965	20175	20385
		Frequency (MHz)		1711.5	1732.5	1753.5
3	QPSK	1	0	22.49	22.72	22.76
		1	7	22.58	22.73	22.89
		1	14	22.83	22.91	22.84
		8	0	21.62	21.81	21.88
		8	3	21.67	21.86	21.80
		8	7	21.83	21.85	22.01
		15	0	21.77	21.98	21.82
	16QAM	1	0	21.77	21.92	22.14
		1	7	21.89	22.05	22.16
		1	14	22.02	22.16	22.26
		8	0	20.53	20.77	20.90
		8	3	20.62	20.79	20.88
		8	7	20.70	20.84	20.87
		15	0	20.73	20.87	20.94
	64QAM	1	0	20.75	20.76	20.88
		1	7	20.85	20.91	20.85
		1	14	20.90	20.95	20.94
		8	0	19.65	19.80	19.86
		8	3	19.93	19.77	19.97
		8	7	19.84	19.88	19.91
		15	0	19.81	19.82	19.88
	Modulation	Channel		19957	20175	20393

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BW [MHz]		Frequency (MHz)		1710.7	1732.5	1754.3
1.4	QPSK	1	0	22.40	22.66	22.68
		1	2	22.56	22.76	22.79
		1	5	22.90	22.95	22.91
		3	0	22.36	22.59	22.69
		3	1	22.46	22.59	22.66
		3	3	22.61	22.70	22.93
		6	0	21.64	21.92	21.80
	16QAM	1	0	21.82	21.86	22.18
		1	2	21.85	22.11	22.02
		1	5	22.03	22.10	22.22
		3	0	21.46	21.58	21.65
		3	1	21.47	21.57	21.57
		3	3	21.55	21.77	21.76
		6	0	20.84	20.92	20.97
	64QAM	1	0	20.84	20.76	20.94
		1	2	20.77	20.86	20.87
		1	5	20.89	20.98	20.97
		3	0	20.51	20.52	20.58
		3	1	20.72	20.70	20.70
		3	3	20.57	20.79	20.76
		6	0	19.74	19.89	20.02

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LTE Band 41								
BW [MHz]	Modulation	RB Size	RB Offset	Low	Low Mid	Mid	High Mid	High
		Channel		39750	40185	40620	41055	41490
		Frequency (MHz)		2506	2549.5	2593	2636.5	2680
20	QPSK	1	0	23.54	23.39	23.57	23.29	23.60
		1	50	23.53	23.24	23.09	23.24	23.15
		1	99	23.46	23.01	23.14	23.27	23.21
		50	0	22.65	22.42	22.27	22.39	22.67
		50	25	22.61	22.31	22.23	22.36	22.28
		50	50	22.57	22.22	22.16	22.37	22.34
		100	0	22.50	22.27	22.24	22.35	22.56
	16QAM	1	0	22.62	22.45	22.25	22.38	22.29
		1	50	22.61	22.31	22.18	22.36	22.24
		1	99	22.52	22.04	22.31	22.25	22.16
		50	0	21.63	21.44	21.20	21.24	21.27
		50	25	21.59	21.32	21.23	21.37	21.23
		50	50	21.56	21.30	21.16	21.40	21.26
		100	0	21.57	21.36	21.23	21.33	21.20
	64QAM	1	0	21.53	21.24	21.30	21.16	21.33
		1	50	21.47	21.23	21.47	21.19	21.24
		1	99	21.39	21.25	21.50	21.33	21.25
		50	0	20.68	20.19	20.24	20.28	20.24
		50	25	20.59	20.24	20.23	20.36	20.22
		50	50	20.56	20.18	20.21	20.40	20.29
		100	0	20.57	20.25	20.24	20.35	20.30
BW [MHz]	Modulation	Channel		39725	40172.5	40620	41067.5	41515
		Frequency (MHz)		2503.5	2548.25	2593	2637.75	2682.5
15	QPSK	1	0	23.42	23.26	23.15	23.19	23.52
		1	50	23.49	23.20	23.07	23.12	23.06
		1	99	23.37	22.98	23.16	23.17	23.20
		50	0	22.58	22.30	22.12	22.20	22.52
		50	25	22.56	22.17	22.20	22.22	22.26
		50	50	22.42	22.18	22.11	22.33	22.25
		100	0	22.46	22.25	22.10	22.21	22.53
	16QAM	1	0	22.50	22.37	22.16	22.36	22.22
		1	50	22.56	22.23	22.13	22.31	22.17
		1	99	22.45	21.93	22.16	22.19	22.11
		50	0	21.51	21.43	21.14	21.13	21.16
		50	25	21.50	21.28	21.22	21.33	21.13
		50	50	21.46	21.27	21.10	21.37	21.15
		100	0	21.55	21.31	21.11	21.23	21.07
	64QAM	1	0	21.44	21.21	21.29	21.14	21.18
		1	50	21.32	21.19	21.36	21.17	21.18

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		1	99	21.36	21.22	21.41	21.22	21.22
		50	0	20.63	20.18	20.13	20.21	20.09
		50	25	20.58	20.11	20.12	20.33	20.08
		50	50	20.55	20.14	20.07	20.39	20.20
		100	0	20.50	20.16	20.20	20.30	20.21
BW [MHz]	Modulation	Channel		39700	40160	40620	41080	41540
		Frequency (MHz)		2501	2547	2593	2639	2685
10	QPSK	1	0	23.50	23.24	23.02	23.18	23.54
		1	24	23.39	23.13	23.07	23.22	23.11
		1	49	23.44	22.92	23.09	23.13	23.08
		25	0	22.49	22.39	22.09	22.15	22.54
		25	12	22.55	22.26	22.19	22.23	22.24
		25	25	22.49	22.21	22.08	22.31	22.23
		50	0	22.46	22.12	22.18	22.28	22.43
	16QAM	1	0	22.50	22.44	22.12	22.29	22.25
		1	24	22.58	22.23	22.17	22.31	22.13
		1	49	22.50	21.94	22.27	22.12	22.10
		25	0	21.53	21.37	21.19	21.22	21.25
		25	12	21.52	21.25	21.18	21.35	21.21
		25	25	21.55	21.26	21.05	21.35	21.24
		50	0	21.49	21.21	21.15	21.26	21.16
	64QAM	1	0	21.51	21.15	21.26	21.11	21.23
		1	24	21.41	21.13	21.55	21.08	21.09
		1	49	21.30	21.15	21.58	21.28	21.23
		25	0	20.67	20.17	20.22	20.22	20.16
		25	12	20.58	20.17	20.16	20.33	20.21
		25	25	20.42	20.15	20.20	20.32	20.17
		50	0	20.52	20.19	20.19	20.21	20.22
BW [MHz]	Modulation	Channel		39675	40147.5	40620	41092.5	41565
		Frequency (MHz)		2498.5	2545.75	2593	2640.25	2687.5
5	QPSK	1	0	23.47	23.30	23.04	23.07	23.58
		1	12	23.49	23.19	23.07	23.17	23.07
		1	24	23.42	22.99	23.03	23.23	23.07
		12	0	22.46	22.28	22.11	22.18	22.57
		12	6	22.47	22.22	22.17	22.25	22.18
		12	13	22.44	22.11	22.03	22.32	22.19
		25	0	22.40	22.25	22.14	22.26	22.51
	16QAM	1	0	22.55	22.37	22.10	22.25	22.23
		1	12	22.52	22.19	22.14	22.35	22.20
		1	24	22.50	21.96	22.30	22.16	22.13
		12	0	21.48	21.34	21.05	21.23	21.23
		12	6	21.50	21.31	21.21	21.34	21.22
		12	13	21.46	21.23	21.13	21.25	21.12

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		25	0	21.52	21.27	21.20	21.25	21.14
	64QAM	1	0	21.44	21.11	21.24	21.07	21.32
		1	12	21.36	21.10	21.52	21.09	21.15
		1	24	21.36	21.23	21.48	21.26	21.24
		12	0	20.56	20.18	20.18	20.27	20.20
		12	6	20.47	20.20	20.22	20.23	20.18
		12	13	20.43	20.16	20.14	20.31	20.14
		25	0	20.47	20.14	20.21	20.26	20.20

EIRP

LTE Band 4_Ant 0							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20M-QPSK	20050	1720	22.91	-1	21.91	155.24	1
	20175	1732.5	23.01	-1	22.01	158.85	1
	20300	1745	22.97	-1	21.97	157.40	1
20M-16QAM	20050	1720	22.08	-1	21.08	128.23	1
	20175	1732.5	22.21	-1	21.21	132.13	1
	20300	1745	22.30	-1	21.30	134.90	1
20M-64QAM	20050	1720	21.04	-1	20.04	100.93	1
	20175	1732.5	21.05	-1	20.05	101.16	1
	20300	1745	21.08	-1	20.08	101.86	1
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
15M-QPSK	20025	1717.5	22.81	-1	21.81	151.71	1
	20175	1732.5	22.86	-1	21.86	153.46	1
	20325	1747.5	22.86	-1	21.86	153.46	1
15M-16QAM	20025	1717.5	21.95	-1	20.95	124.45	1
	20175	1732.5	22.10	-1	21.10	128.82	1
	20325	1747.5	22.28	-1	21.28	134.28	1
15M-64QAM	20025	1717.5	21.01	-1	20.01	100.23	1
	20175	1732.5	21.03	-1	20.03	100.69	1
	20325	1747.5	21.07	-1	20.07	101.62	1
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
10M-QPSK	20000	1715	22.85	-1	21.85	153.11	1
	20175	1732.5	22.95	-1	21.95	156.68	1
	20350	1750	22.87	-1	21.87	153.82	1
10M-16QAM	20000	1715	22.05	-1	21.05	127.35	1
	20175	1732.5	22.06	-1	21.06	127.64	1
	20350	1750	22.18	-1	21.18	131.22	1
10M-64QAM	20000	1715	21.02	-1	20.02	100.46	1
	20175	1732.5	20.96	-1	19.96	99.08	1
	20350	1750	21.06	-1	20.06	101.39	1
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
5M-QPSK	19975	1712.5	22.78	-1	21.78	150.66	1

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	20175	1732.5	22.87	-1	21.87	153.82	1
	20375	1752.5	22.89	-1	21.89	154.53	1
5M-16QAM	19975	1712.5	21.99	-1	20.99	125.60	1
	20175	1732.5	22.13	-1	21.13	129.72	1
	20375	1752.5	22.28	-1	21.28	134.28	1
5M-64QAM	19975	1712.5	21.00	-1	20.00	100.00	1
	20175	1732.5	20.99	-1	19.99	99.77	1
	20375	1752.5	21.00	-1	20.00	100.00	1
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
3M-QPSK	19965	1711.5	22.83	-1	21.83	152.41	1
	20175	1732.5	22.91	-1	21.91	155.24	1
	20385	1753.5	22.89	-1	21.89	154.53	1
3M-16QAM	19965	1711.5	22.02	-1	21.02	126.47	1
	20175	1732.5	22.16	-1	21.16	130.62	1
	20385	1753.5	22.26	-1	21.26	133.66	1
3M-64QAM	19965	1711.5	20.90	-1	19.90	97.72	1
	20175	1732.5	20.95	-1	19.95	98.86	1
	20385	1753.5	20.94	-1	19.94	98.63	1
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
1.4M-QPSK	19957	1710.7	22.90	-1	21.90	154.88	1
	20175	1732.5	22.95	-1	21.95	156.68	1
	20393	1754.3	22.93	-1	21.93	155.96	1
1.4M-16QAM	19957	1710.7	22.03	-1	21.03	126.77	1
	20175	1732.5	22.11	-1	21.11	129.12	1
	20393	1754.3	22.22	-1	21.22	132.43	1
1.4M-64QAM	19957	1710.7	20.89	-1	19.89	97.50	1
	20175	1732.5	20.98	-1	19.98	99.54	1
	20393	1754.3	20.97	-1	19.97	99.31	1

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LTE Band 41_Ant 0							
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
20M-QPSK	39750	2506	23.54	0.5	24.04	253.51	2
	40185	2549.5	23.39	0.5	23.89	244.91	2
	40620	2593	23.18	0.5	23.68	233.35	2
	41055	2636.5	23.29	0.5	23.79	239.33	2
	41490	2680	23.60	0.5	24.10	257.04	2
20M-16QAM	39750	2506	22.62	0.5	23.12	205.12	2
	40185	2549.5	22.45	0.5	22.95	197.24	2
	40620	2593	22.31	0.5	22.81	190.99	2
	41055	2636.5	22.38	0.5	22.88	194.09	2
	41490	2680	22.29	0.5	22.79	190.11	2
20M-64QAM	39750	2506	21.53	0.5	22.03	159.59	2
	40185	2549.5	21.25	0.5	21.75	149.62	2
	40620	2593	21.50	0.5	22.00	158.49	2
	41055	2636.5	21.33	0.5	21.83	152.41	2
	41490	2680	21.33	0.5	21.83	152.41	2
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
15M-QPSK	39725	2503.5	23.49	0.5	23.99	250.61	2
	40172.5	2548.25	23.26	0.5	23.76	237.68	2
	40620	2593	23.16	0.5	23.66	232.27	2
	41067.5	2637.75	23.19	0.5	23.69	233.88	2
	41515	2682.5	23.52	0.5	24.02	252.35	2
15M-16QAM	39725	2503.5	22.56	0.5	23.06	202.30	2
	40172.5	2548.25	22.37	0.5	22.87	193.64	2
	40620	2593	22.16	0.5	22.66	184.50	2
	41067.5	2637.75	22.36	0.5	22.86	193.20	2
	41515	2682.5	22.22	0.5	22.72	187.07	2
15M-64QAM	39725	2503.5	21.44	0.5	21.94	156.31	2
	40172.5	2548.25	21.22	0.5	21.72	148.59	2
	40620	2593	21.41	0.5	21.91	155.24	2
	41067.5	2637.75	21.22	0.5	21.72	148.59	2
	41515	2682.5	21.22	0.5	21.72	148.59	2
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
10M-QPSK	39700	2501	23.50	0.5	24.00	251.19	2
	40160	2547	23.24	0.5	23.74	236.59	2
	40620	2593	23.09	0.5	23.59	228.56	2
	41080	2639	23.22	0.5	23.72	235.50	2

BOOMWAVE TEST (SHENZHEN)
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Test Report No.: RF260626B004

	41540	2685	23.54	0.5	24.04	253.51	2
10M-16QAM	39700	2501	22.58	0.5	23.08	203.24	2
	40160	2547	22.44	0.5	22.94	196.79	2
	40620	2593	22.27	0.5	22.77	189.23	2
	41080	2639	22.31	0.5	22.81	190.99	2
	41540	2685	22.25	0.5	22.75	188.36	2
10M-64QAM	39700	2501	21.51	0.5	22.01	158.85	2
	40160	2547	21.15	0.5	21.65	146.22	2
	40620	2593	21.58	0.5	22.08	161.44	2
	41080	2639	21.28	0.5	21.78	150.66	2
	41540	2685	21.23	0.5	21.73	148.94	2
BW [MHz] Modulation	Channel	Frequency (MHz)	Conducted Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	Limit (W)
5M-QPSK	39675	2498.5	23.49	0.5	23.99	250.61	2
	40147.5	2545.75	23.30	0.5	23.80	239.88	2
	40620	2593	23.07	0.5	23.57	227.51	2
	41092.5	2640.25	23.23	0.5	23.73	236.05	2
	41565	2687.5	23.58	0.5	24.08	255.86	2
5M-16QAM	39675	2498.5	22.55	0.5	23.05	201.84	2
	40147.5	2545.75	22.37	0.5	22.87	193.64	2
	40620	2593	22.30	0.5	22.80	190.55	2
	41092.5	2640.25	22.35	0.5	22.85	192.75	2
	41565	2687.5	22.23	0.5	22.73	187.50	2
5M-64QAM	39675	2498.5	21.44	0.5	21.94	156.31	2
	40147.5	2545.75	21.23	0.5	21.73	148.94	2
	40620	2593	21.52	0.5	22.02	159.22	2
	41092.5	2640.25	21.26	0.5	21.76	149.97	2
	41565	2687.5	21.32	0.5	21.82	152.05	2

REMARKS: ERP Output Power (dBm) = EIRP (dBm) -2.15(dB).

3.2 FREQUENCY STABILITY MEASUREMENT

3.2.1 LIMITS OF FREQUENCY STABILITY MEASUREMENT

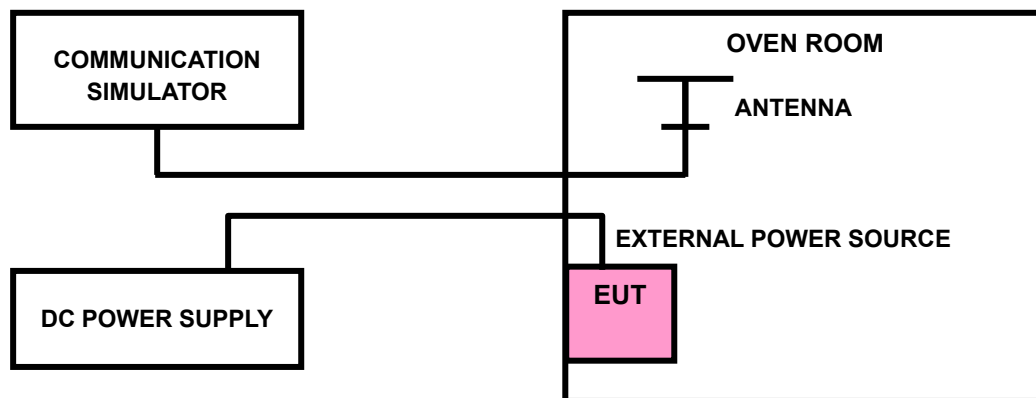
The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

3.2.2 TEST PROCEDURE

- 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.
- 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.
- 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 error was recorded frequency error from the communication simulator.

3.2.3 TEST SETUP



3.2.4 TEST RESULTS

Please Refer to Appendix Of this test report.

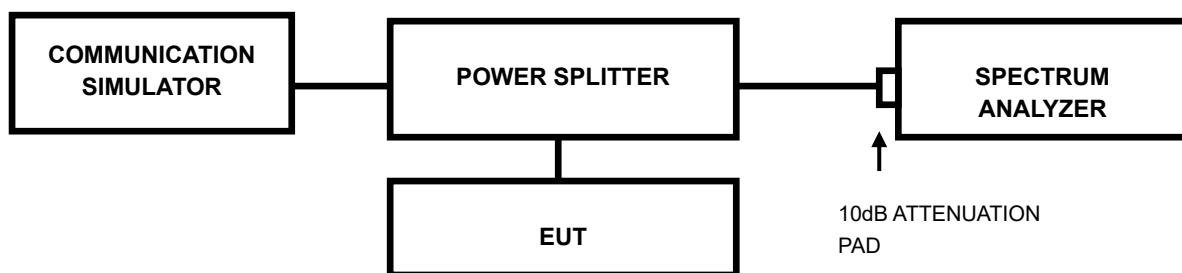
Note: VL = Low voltage(3.501V); VN/NV = Normal voltage(3.89V); VH = High voltage(4.279V); NT = Normal temperature (25°C)

3.3 OCCUPIED BANDWIDTH MEASUREMENT

3.3.1 LIMITS OF OCCUPIED BANDWIDTH MEASUREMENT

The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5 %of the total mean power of a given emission.

3.3.2 TEST SETUP



3.3.3 TEST PROCEDURES

- The conducted occupied bandwidth used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.
- Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth.

3.3.4 TEST RESULTS

Please Refer to Appendix Of this test report.

3.4 BAND EDGE MEASUREMENT

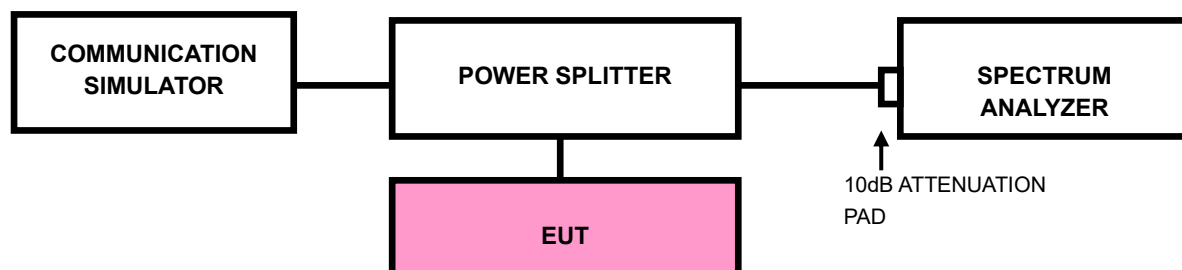
3.4.1 LIMITS OF BAND EDGE MEASUREMENT

According to FCC Part 27.53(h) specified that For operations in the 1710-1755 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

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

According to FCC Part 27.53 (n)(2) For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. Compliance with this paragraph is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz.

3.4.2 TEST SETUP



3.4.3 TEST PROCEDURES

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

3.4.4 TEST RESULTS

Please Refer to Appendix Of this test report.

3.5 CONDUCTED SPURIOUS EMISSIONS

3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

For LTE Band4/66

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 is equal to -13dBm .

For: LTE Band42

For mobile operations in the 3450–3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz .

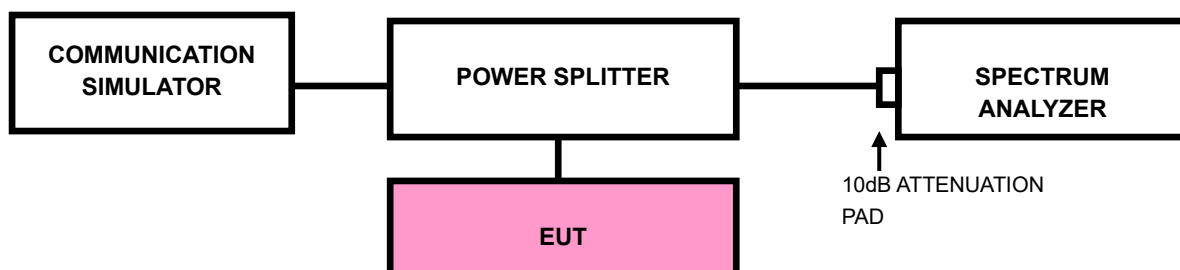
For LTE Band38/41

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $55 + 10 \log_{10}(P)$ dB. The limit of emission is equal to -25dBm .

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.: RF260626B004

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.

3.6 RADIATED EMISSION MEASUREMENT

3.6.1 LIMITS OF RADIATED EMISSION MEASUREMENT

For LTE Band4/66

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 is equal to -13dBm .

For: LTE Band42

For mobile operations in the 3450–3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz .

For LTE Band38/41

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $55 + 10 \log_{10}(P)$ dB. The limit of emission is equal to -25dBm .

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 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. $\text{EIRP} = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}$.
- d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, $\text{E.R.P power} = \text{E.I.P.R power} - 2.15\text{dBi}$.

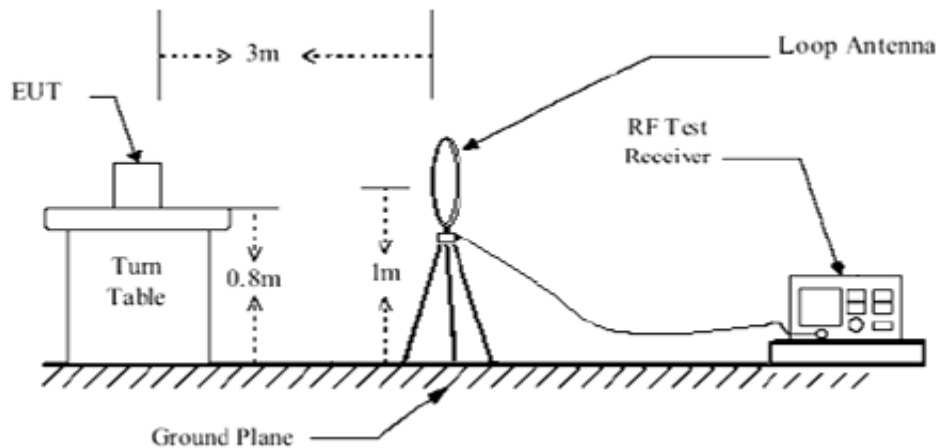
NOTE: The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

3.6.3 DEVIATION FROM TEST STANDARD

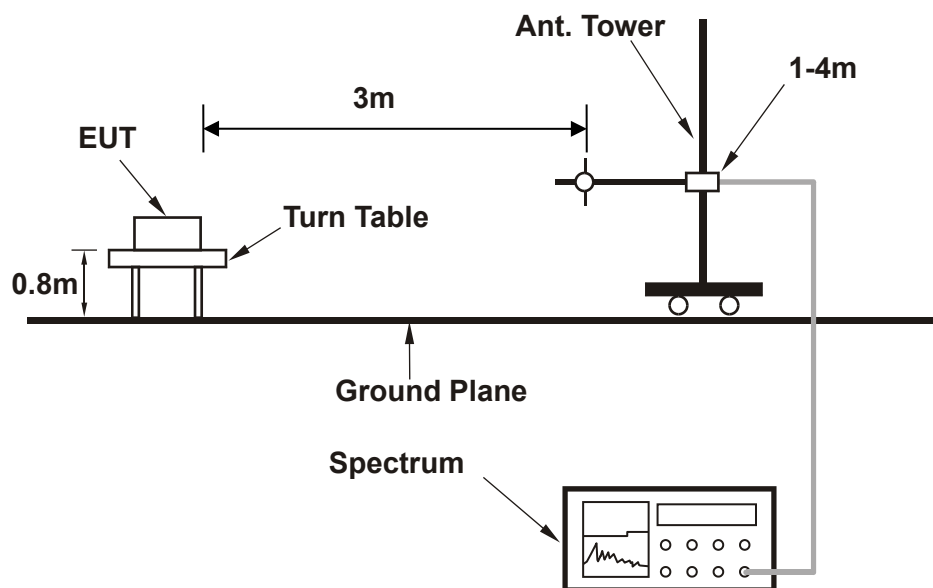
No deviation

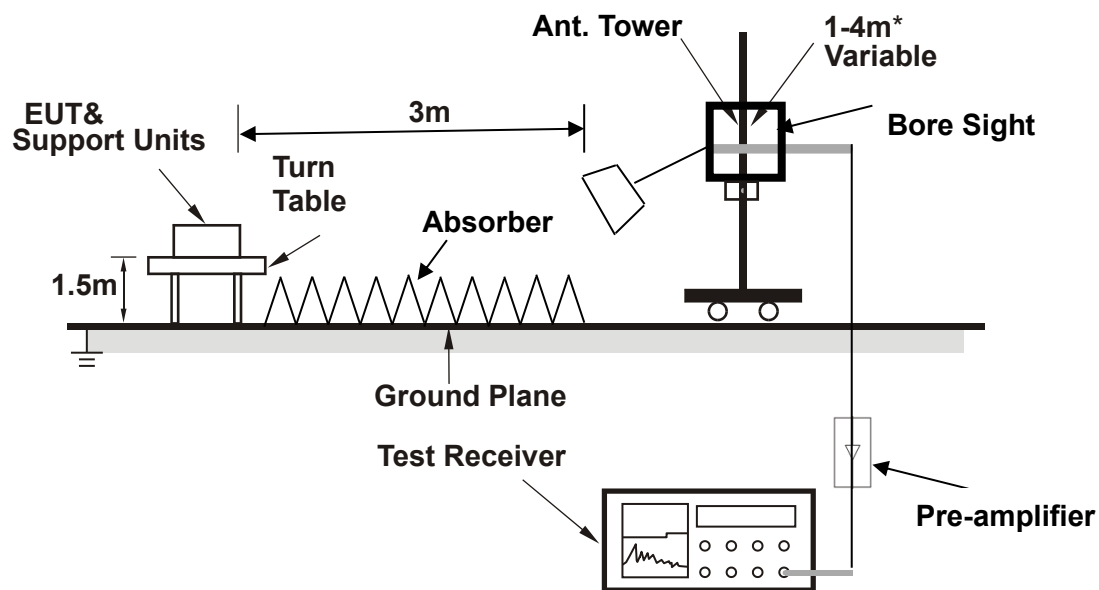
3.6.4 TEST SETUP

< Frequency Range below 30MHz >



< Frequency Range 30MHz~1GHz >





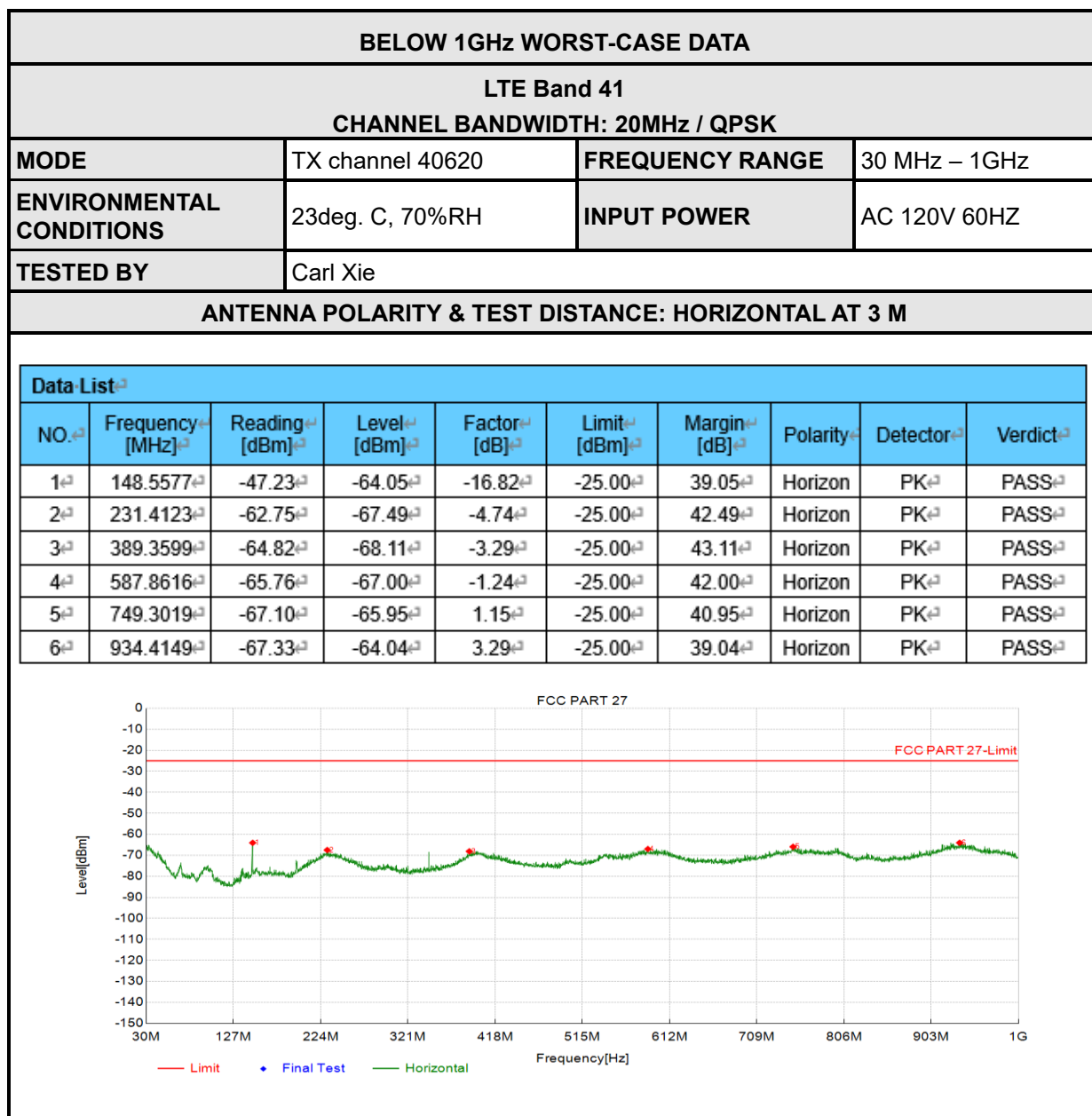
Note: Above 1G is a directional antenna depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

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

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3.6.5 TEST RESULTS

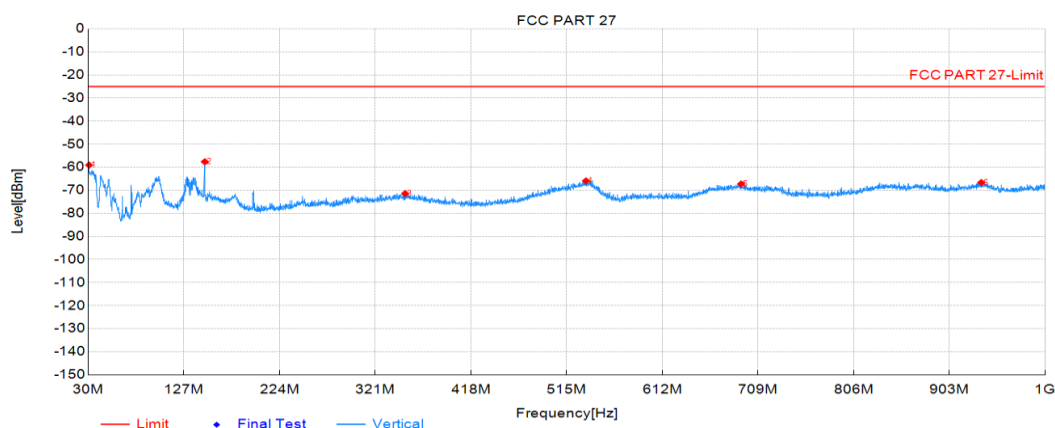
NOTE : The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.



MODE	TX channel 40620	FREQUENCY RANGE	30 MHz – 1GHz
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V 60HZ
TESTED BY	Carl Xie		
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

Data List

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	31.1642	-50.05	-59.07	-9.02	-25.00	34.07	Vertical	PK	PASS
2	148.3637	-47.80	-57.62	-9.82	-25.00	32.62	Vertical	PK	PASS
3	351.3283	-64.51	-71.43	-6.92	-25.00	46.43	Vertical	PK	PASS
4	534.6949	-65.81	-65.92	-0.11	-25.00	40.92	Vertical	PK	PASS
5	691.8664	-67.04	-67.26	-0.22	-25.00	42.26	Vertical	PK	PASS
6	935.191	-68.01	-66.63	1.38	-25.00	41.63	Vertical	PK	PASS



ABOVE 1GHz

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

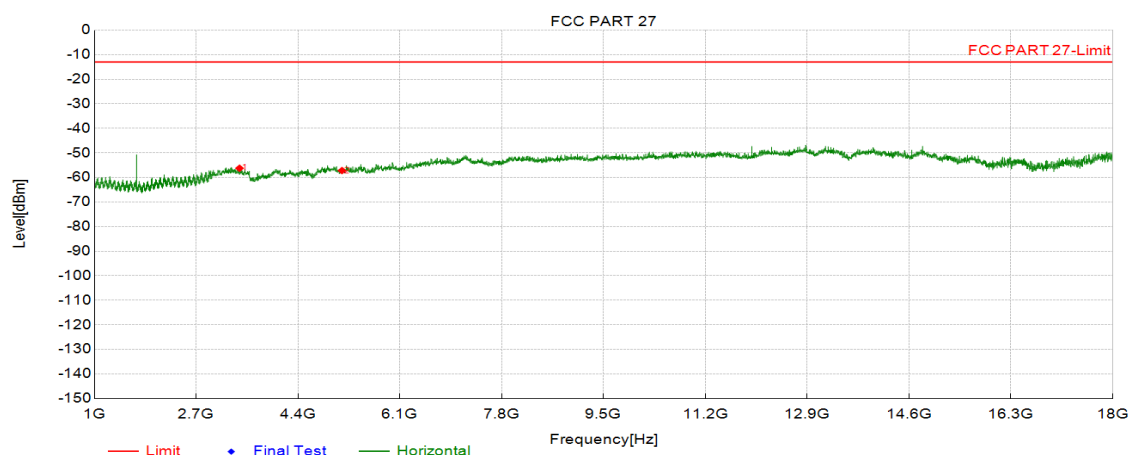
LTE BAND 4

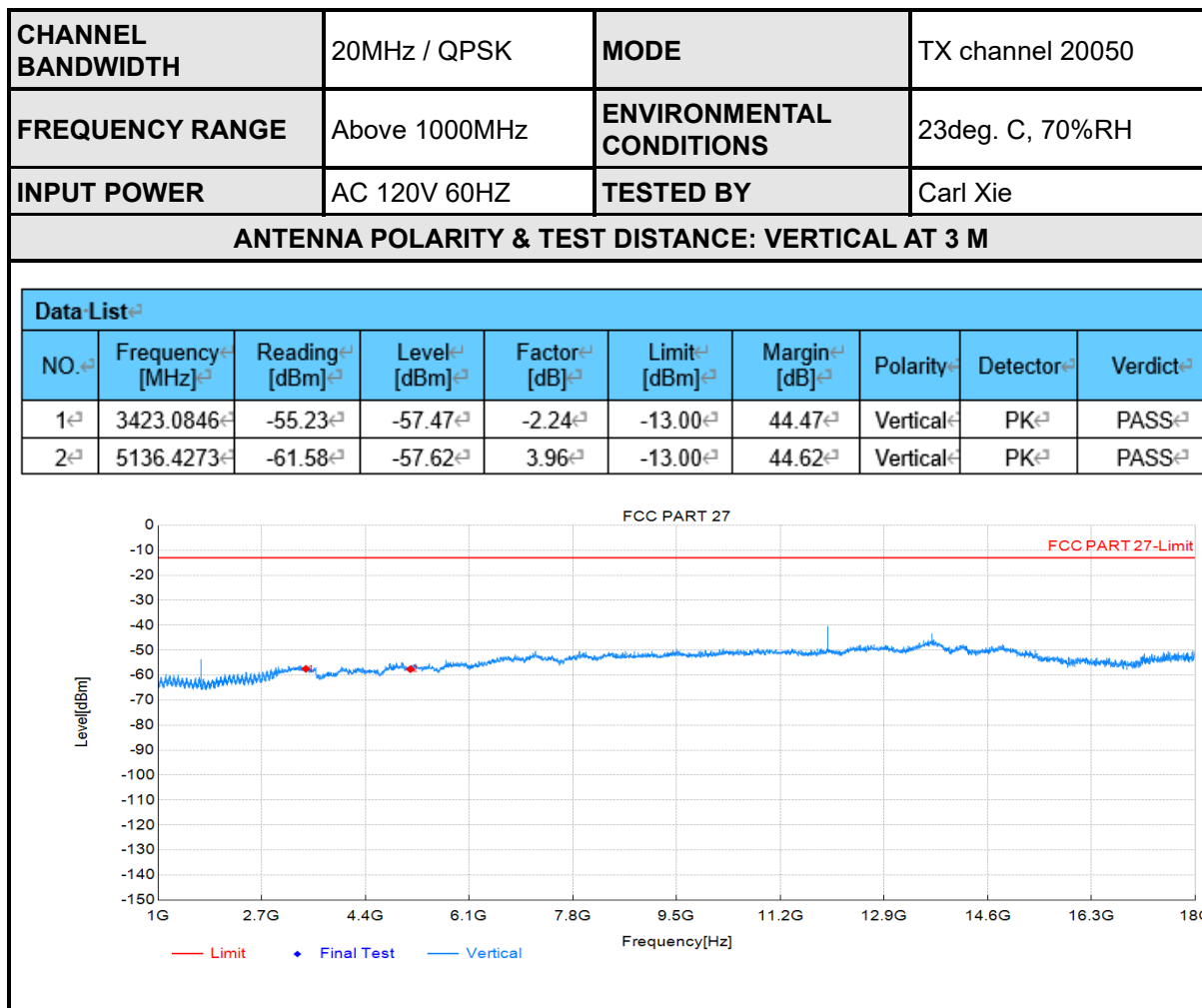
CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 20050
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Data List

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	3423.0846	-54.09	-56.24	-2.15	-13.00	43.24	Horizon	PK	PASS
2	5133.4267	-60.82	-57.19	3.63	-13.00	44.19	Horizon	PK	PASS



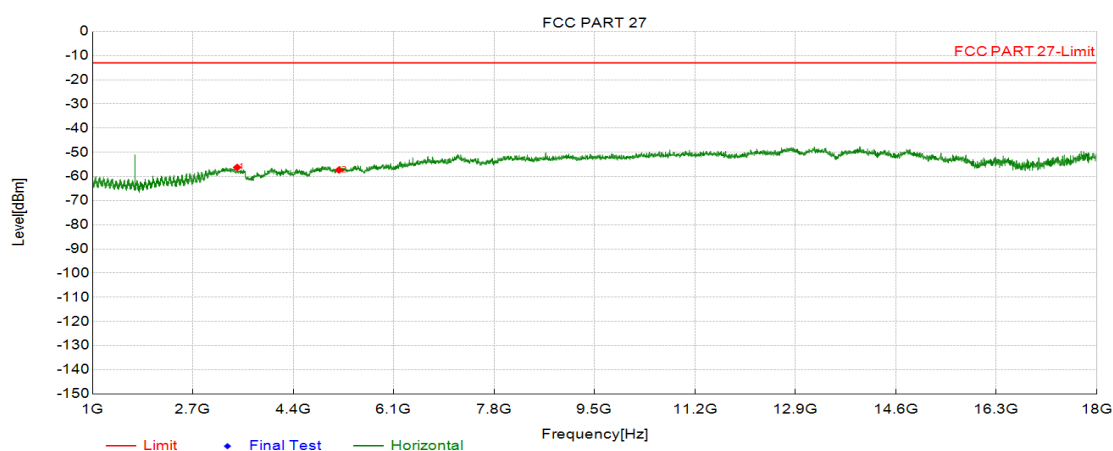


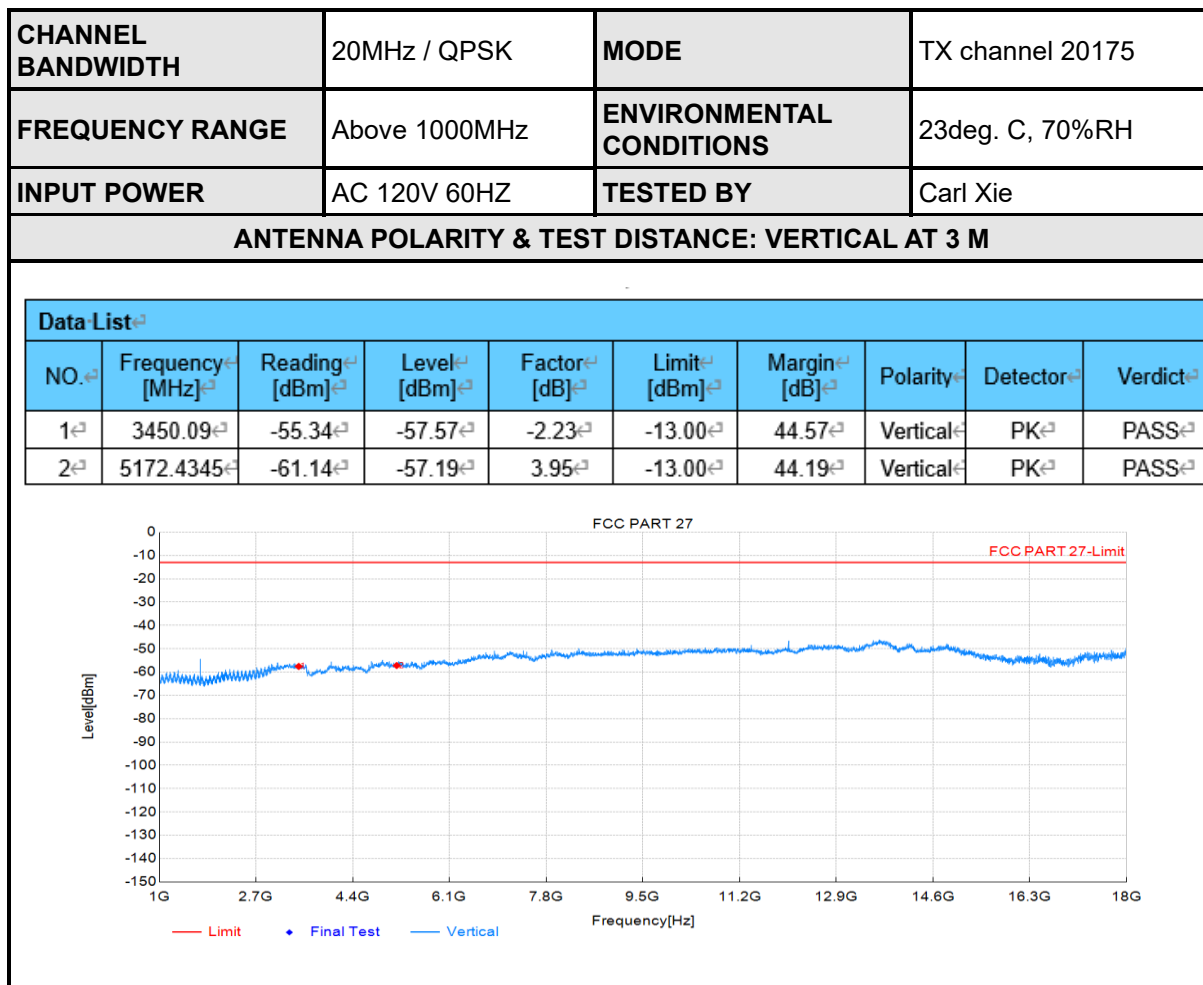
CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 20175
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Data List

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	3450.09	-54.08	-56.24	-2.16	-13.00	43.24	Horizon	PK	PASS
2	5172.4345	-60.86	-57.32	3.54	-13.00	44.32	Horizon	PK	PASS



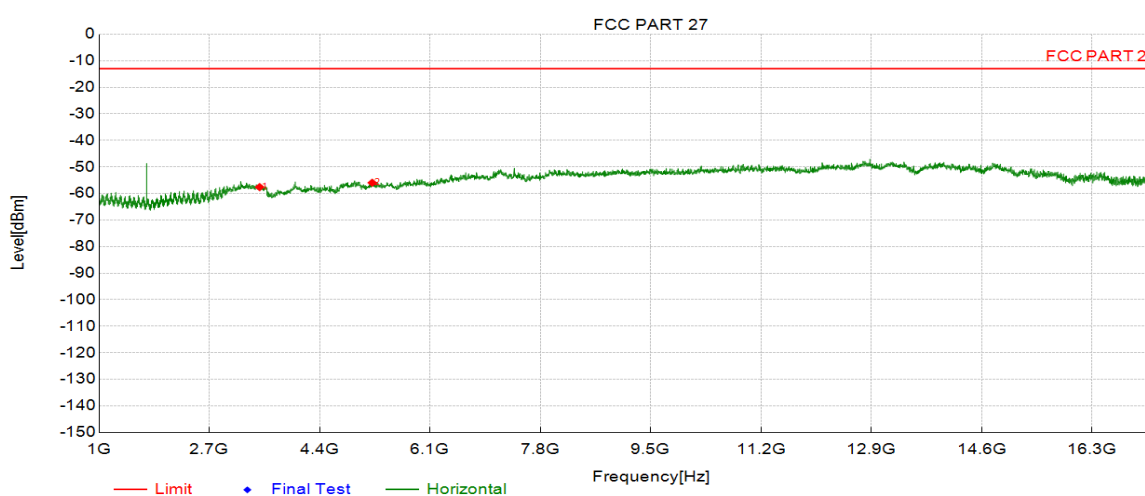


CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 20300
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Data-List

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	3474.0948	-55.42	-57.60	-2.18	-13.00	44.60	Horizon	PK	PASS
2	5208.4417	-59.44	-55.94	3.50	-13.00	42.94	Horizon	PK	PASS



Test Report No.: RF260626B004

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 20300
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M			

Data List									
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	3474.0948	-55.67	-57.89	-2.22	-13.00	44.89	Vertical	PK	PASS
2	5208.4417	-60.30	-56.35	3.95	-13.00	43.35	Vertical	PK	PASS

FCC PART 27

Level [dBm]

Frequency [Hz]

Limit Final Test Vertical

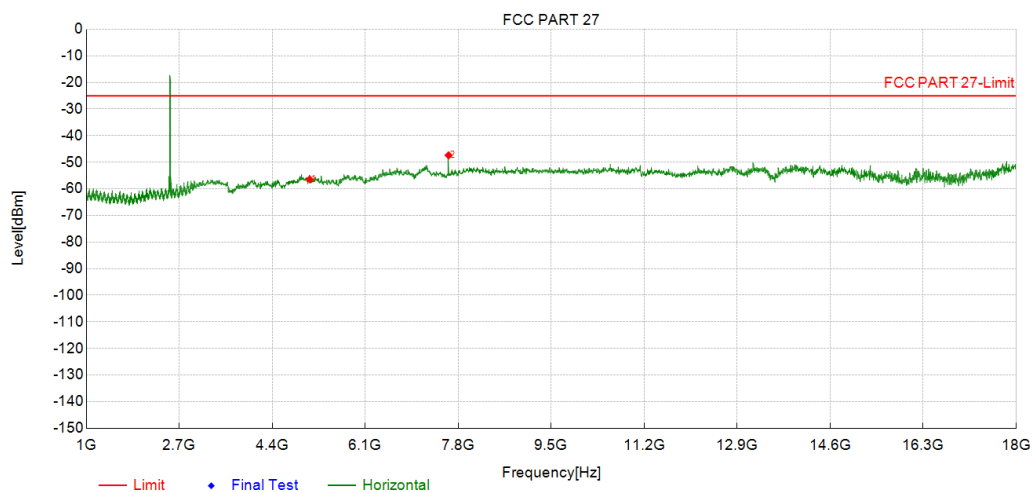
LTE BAND 41

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 39750
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Data List

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	5083.6167	-60.17	-56.42	3.75	-25.00	31.42	Horizon	PK	PASS
2	7623.3247	-56.10	-47.39	8.71	-25.00	22.39	Horizon	PK	PASS

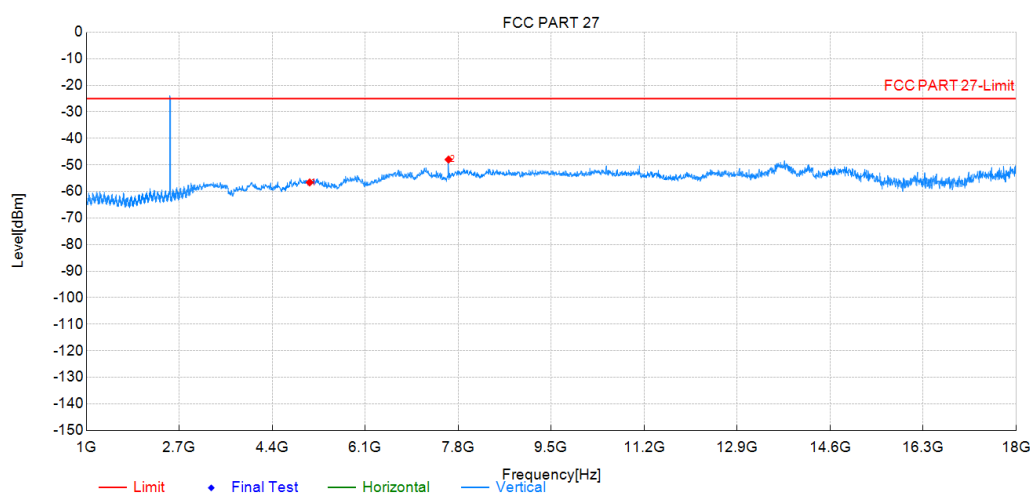


CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 39750
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Data List

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	5083.6167	-60.54	-56.58	3.96	-25.00	31.58	Vertical	PK	PASS
2	7623.3247	-56.66	-47.96	8.70	-25.00	22.96	Vertical	PK	PASS



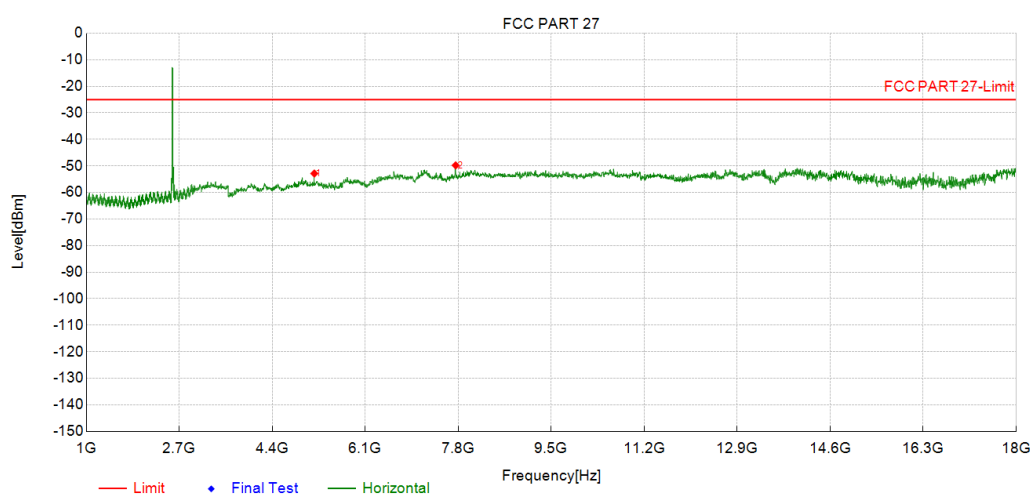
Test Report No.: RF260626B004

CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 40620
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Data List

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	5170.034	-56.39	-52.85	3.54	-25.00	27.85	Horizon	PK	PASS
2	7752.9506	-58.77	-49.77	9.00	-25.00	24.77	Horizon	PK	PASS

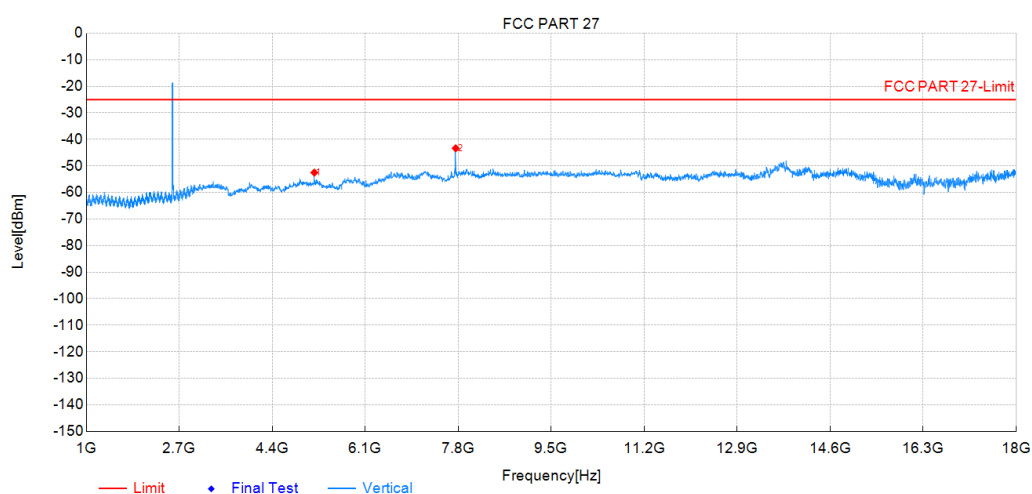


CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 40620
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Data List

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	5170.034	-56.45	-52.49	3.96	-25.00	27.49	Vertical	PK	PASS
2	7752.9506	-53.09	-43.35	9.74	-25.00	18.35	Vertical	PK	PASS

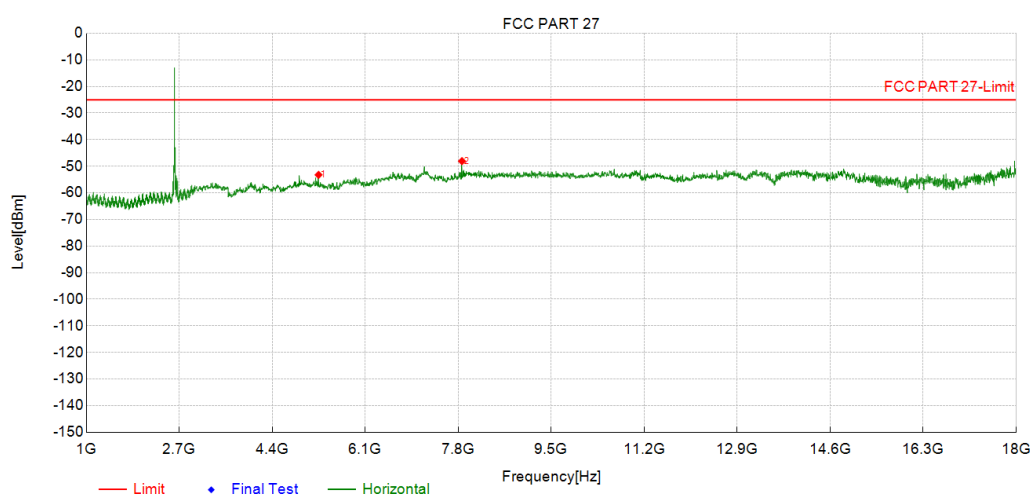


CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 41490
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Data List

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	5246.8494	-56.83	-53.22	3.61	-25.00	28.22	Horizon	PK	PASS
2	7868.1736	-57.57	-48.06	9.51	-25.00	23.06	Horizon	PK	PASS

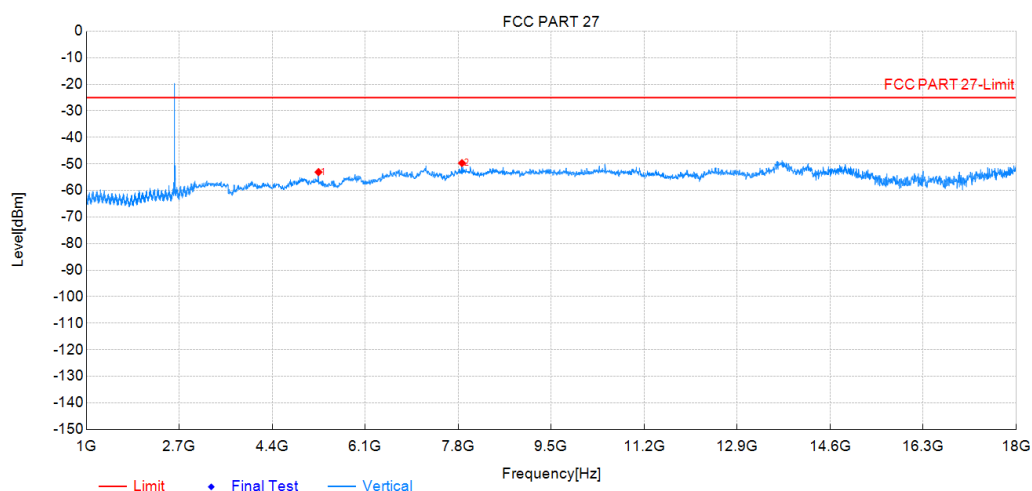


CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 41490
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Carl Xie

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Data List

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	5246.8494	-57.00	-53.07	3.93	-25.00	28.07	Vertical	PK	PASS
2	7868.1736	-59.91	-49.68	10.23	-25.00	24.68	Vertical	PK	PASS

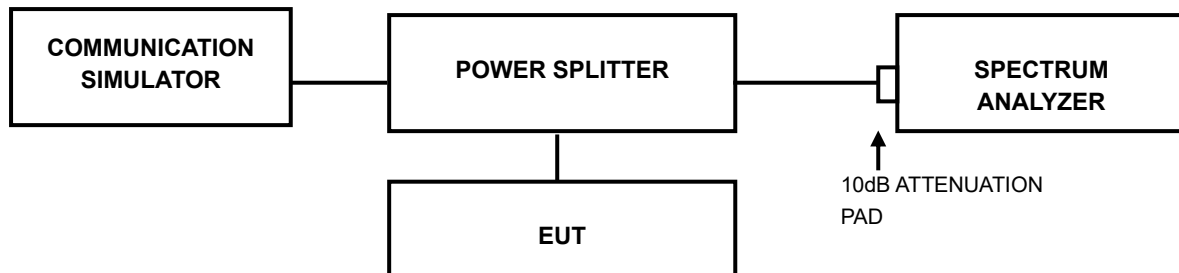


3.7 PEAK TO AVERAGE RATIO

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%.

3.7.4 TEST RESULTS

Please Refer to Appendix Of this test report.

4 PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).

5 INFORMATION ON THE TESTING LABORATORIES

We, BOOMWAVE TEST (SHENZHEN) CO., LTD., were founded in 2025 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

BOOMWAVE TEST (SHENZHEN) CO., LTD.

Lab Address:

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan 4th Road, Chiwan Community, Zhaoshang Street, Nanshan District, Shenzhen, Guangdong, P.R. CHINA

Accredited Test Lab Cert 7607.01

Shenzhen EMC/RF Lab:

Mobile: +86 15118052731

Email: shimin.wang@boomwavelab.com

6 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.

7 Appendix

LTE BAND 4

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	6.29	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	6.91	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	6.54	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	6.98	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	6.11	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	6.82	13	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	7.54	13	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	7.65	13	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	7.64	13	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	7.75	13	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	7.40	13	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	7.57	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	7.06	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	7.50	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	7.22	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	7.60	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	6.80	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	7.40	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	6.40	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	7.05	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	6.38	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	7.06	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	6.05	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	6.96	13	PASS
Band4	3MHz	64QAM	19965	1RB#0	7.52	13	PASS
Band4	3MHz	64QAM	19965	15RB#0	7.64	13	PASS
Band4	3MHz	64QAM	20175	1RB#0	7.55	13	PASS
Band4	3MHz	64QAM	20175	15RB#0	7.75	13	PASS
Band4	3MHz	64QAM	20385	1RB#0	7.45	13	PASS
Band4	3MHz	64QAM	20385	15RB#0	7.59	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	7.04	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	7.62	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	7.17	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	7.68	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	6.78	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	7.56	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	6.48	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	7.07	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	6.45	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	7.19	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	6.06	13	PASS

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Band4	5MHz	QPSK	20375	25RB#0	6.97	13	PASS
Band4	5MHz	64QAM	19975	1RB#0	7.52	13	PASS
Band4	5MHz	64QAM	19975	25RB#0	7.66	13	PASS
Band4	5MHz	64QAM	20175	1RB#0	7.63	13	PASS
Band4	5MHz	64QAM	20175	25RB#0	7.72	13	PASS
Band4	5MHz	64QAM	20375	1RB#0	7.37	13	PASS
Band4	5MHz	64QAM	20375	25RB#0	7.62	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	6.98	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	7.62	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	7.16	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	7.69	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	6.78	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	7.51	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	6.23	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	7.05	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	6.46	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	7.17	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	6.13	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	6.92	13	PASS
Band4	10MHz	64QAM	20000	1RB#0	7.47	13	PASS
Band4	10MHz	64QAM	20000	50RB#0	7.59	13	PASS
Band4	10MHz	64QAM	20175	1RB#0	7.54	13	PASS
Band4	10MHz	64QAM	20175	50RB#0	7.71	13	PASS
Band4	10MHz	64QAM	20350	1RB#0	7.41	13	PASS
Band4	10MHz	64QAM	20350	50RB#0	7.50	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	6.93	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	7.56	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	7.11	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	7.69	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	6.81	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	7.42	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	5.68	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	7.00	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	6.33	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	6.99	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	6.39	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	7.00	13	PASS
Band4	15MHz	64QAM	20025	1RB#0	7.61	13	PASS
Band4	15MHz	64QAM	20025	75RB#0	7.50	13	PASS
Band4	15MHz	64QAM	20175	1RB#0	7.54	13	PASS
Band4	15MHz	64QAM	20175	75RB#0	7.41	13	PASS
Band4	15MHz	64QAM	20325	1RB#0	7.49	13	PASS
Band4	15MHz	64QAM	20325	75RB#0	7.57	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	7.06	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	7.49	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	7.03	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	7.47	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	7.00	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	7.46	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	6.31	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	7.02	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	6.49	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	7.04	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	6.68	13	PASS

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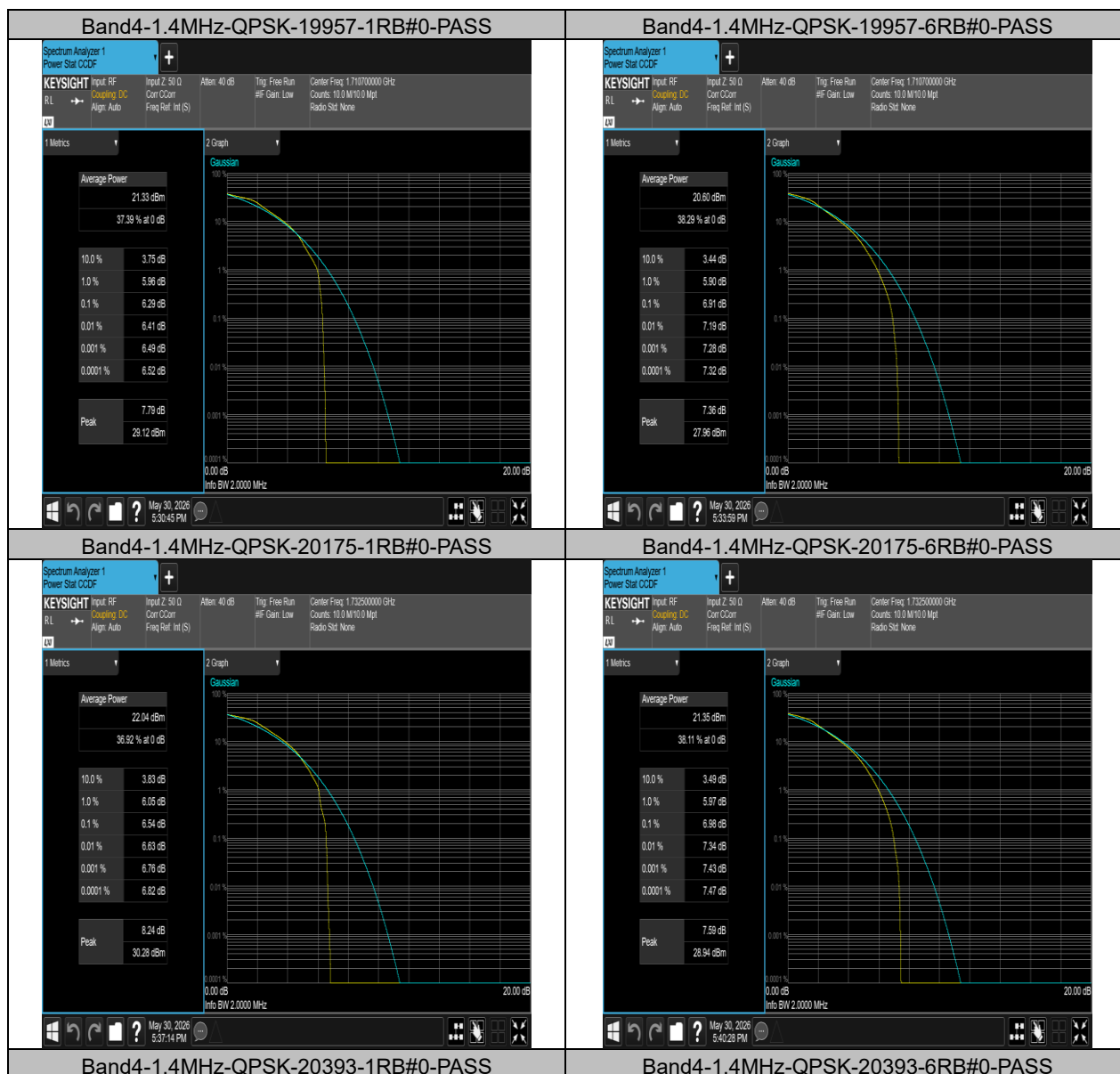
Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan
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Nanshan District, Shenzhen, Guangdong, P.R. CHINA

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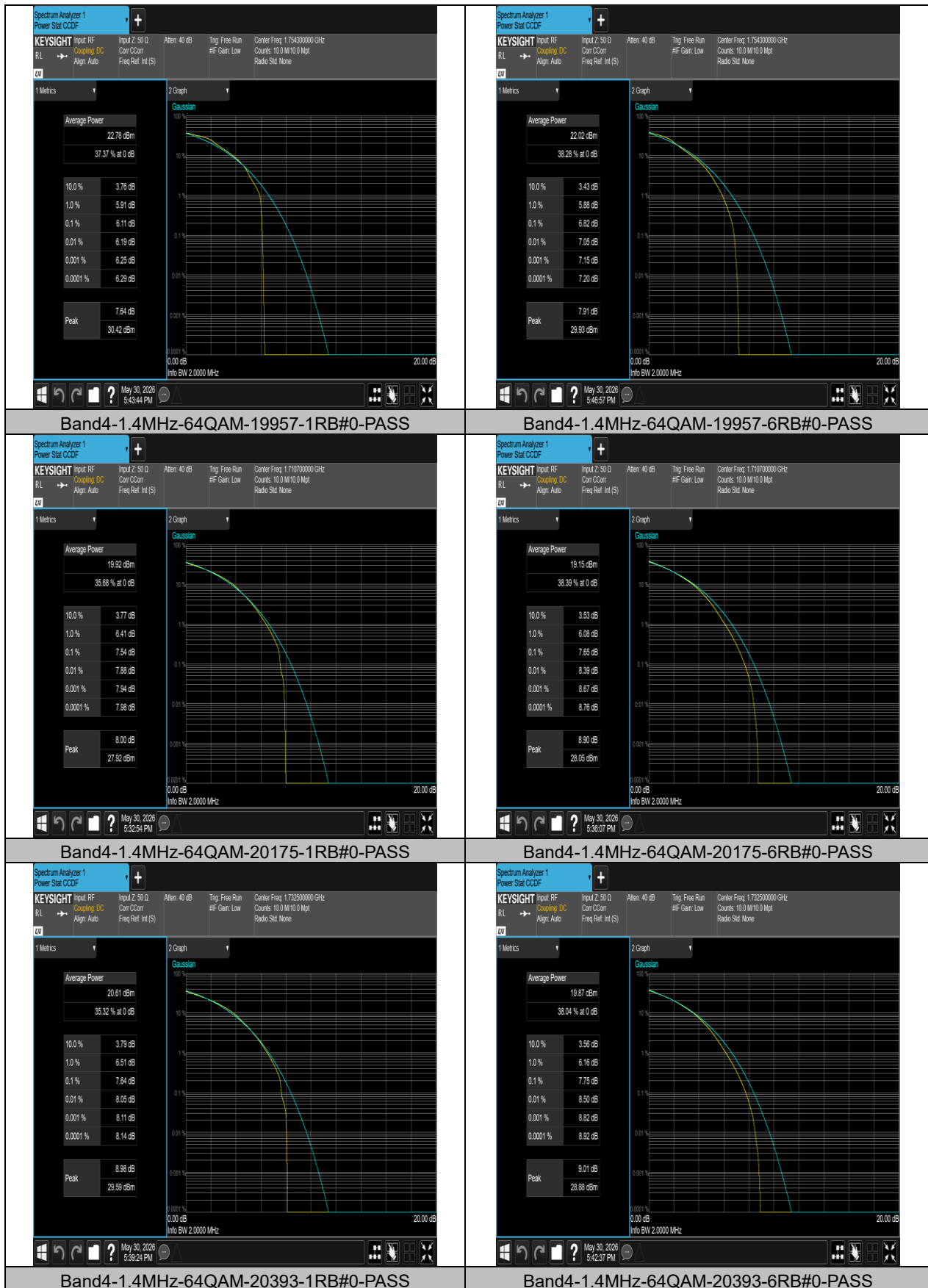
Test Report No.: RF260626B004

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Band4	20MHz	64QAM	20050	100RB#0	7.70	13	PASS
Band4	20MHz	64QAM	20175	1RB#0	7.48	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	7.54	13	PASS
Band4	20MHz	64QAM	20300	1RB#0	7.59	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	7.69	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	7.05	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	7.62	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	6.97	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	7.55	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	7.29	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	7.56	13	PASS

Test Graphs



Test Report No.: RF260626B004

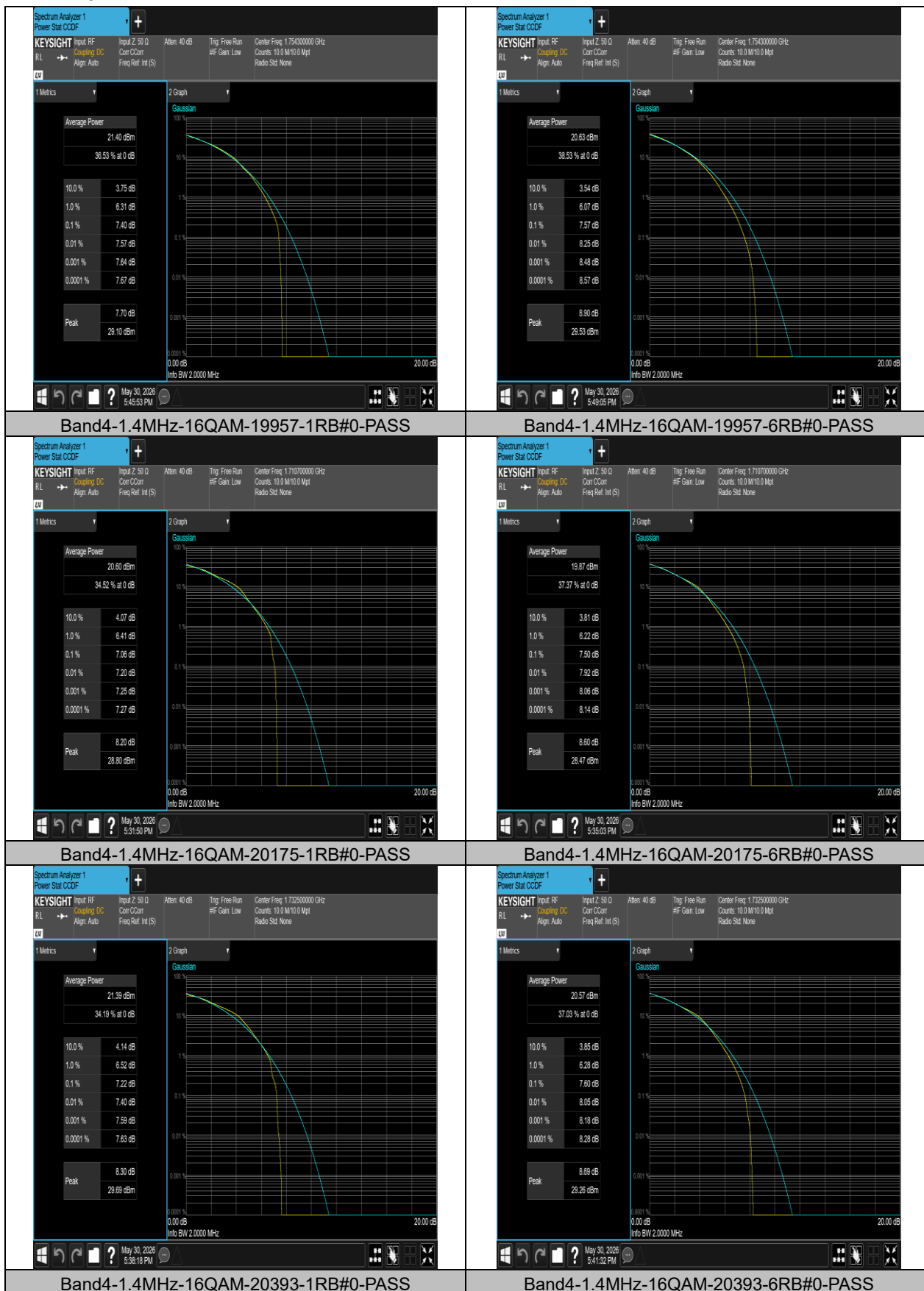


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Test Report No.: RF260626B004

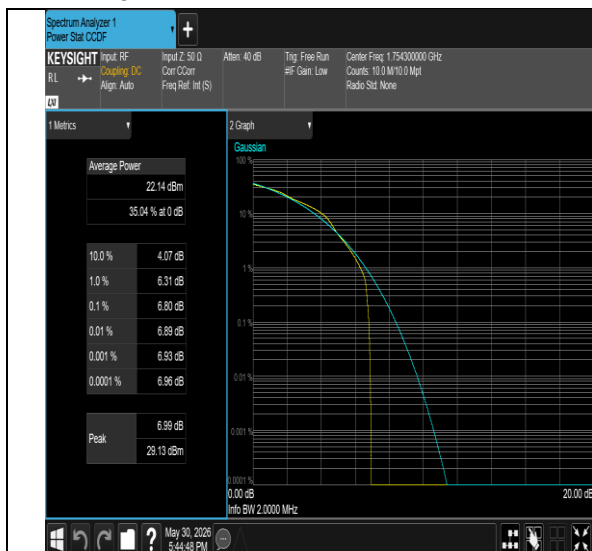


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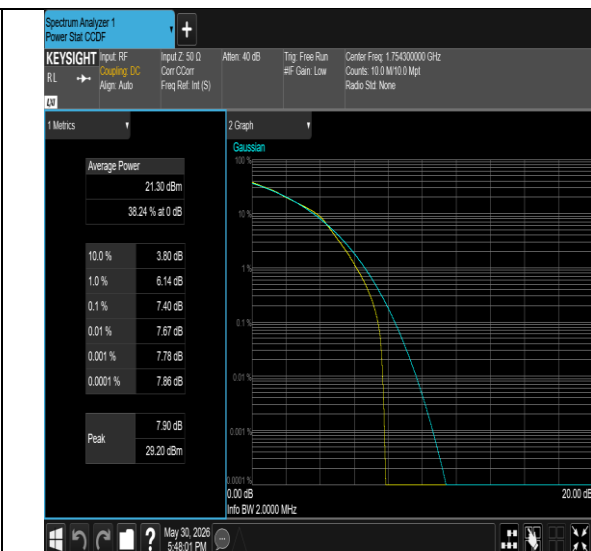
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Nanshan District, Shenzhen, Guangdong, P.R. CHINA

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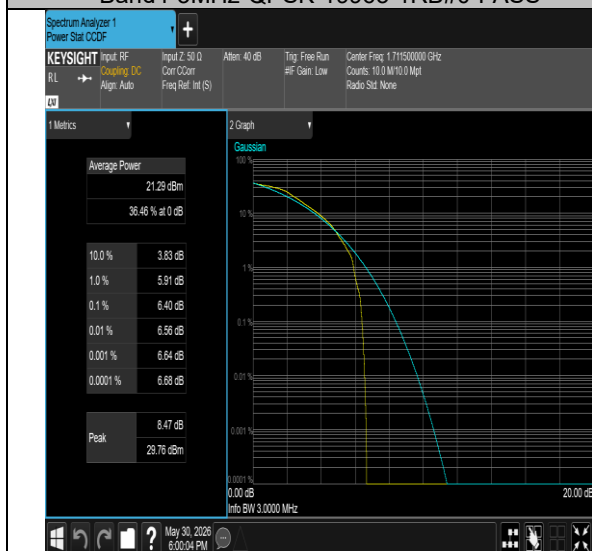
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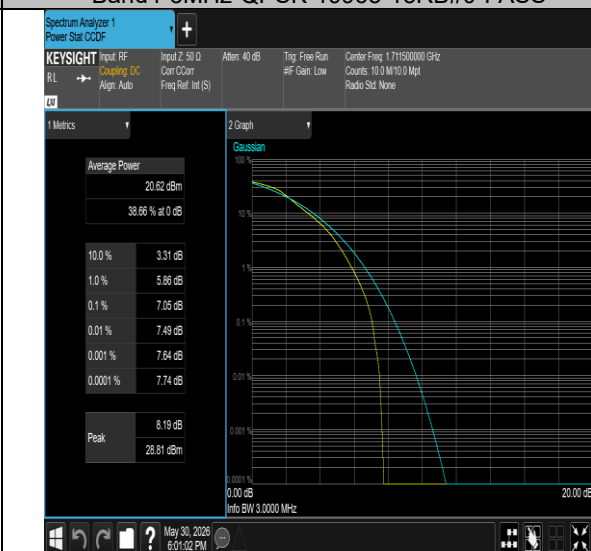
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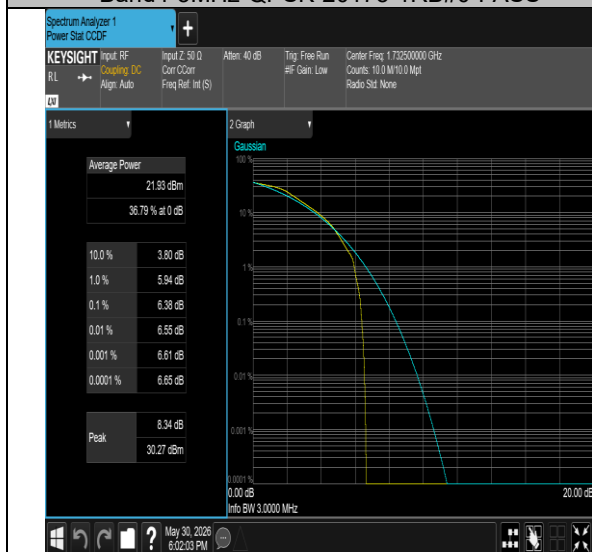
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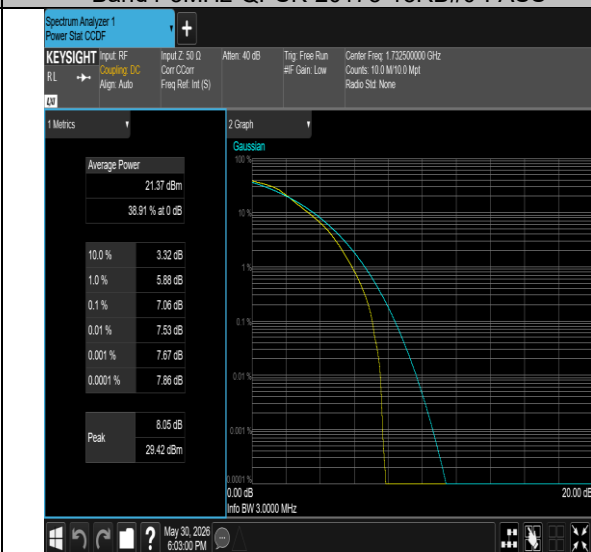
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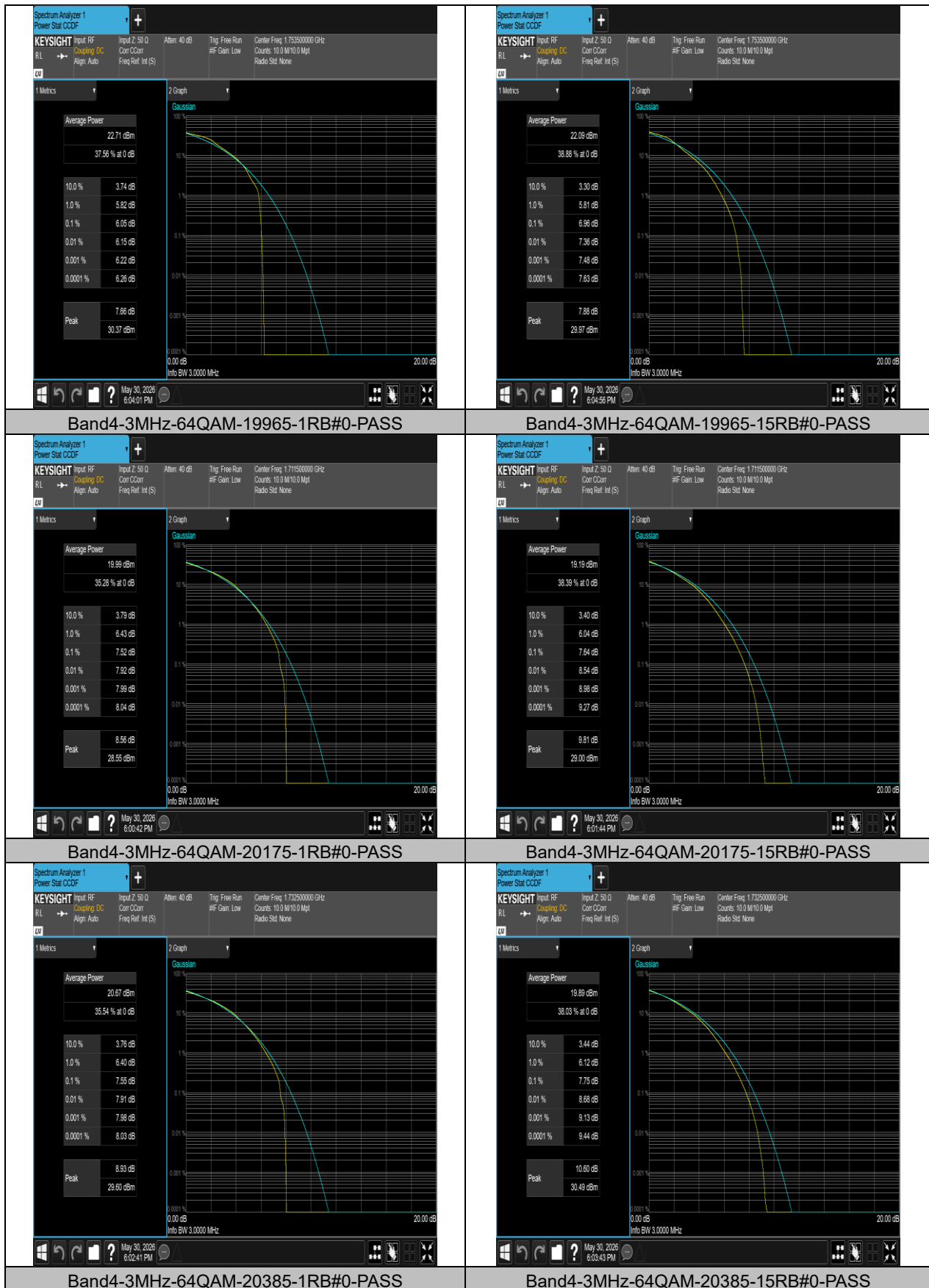


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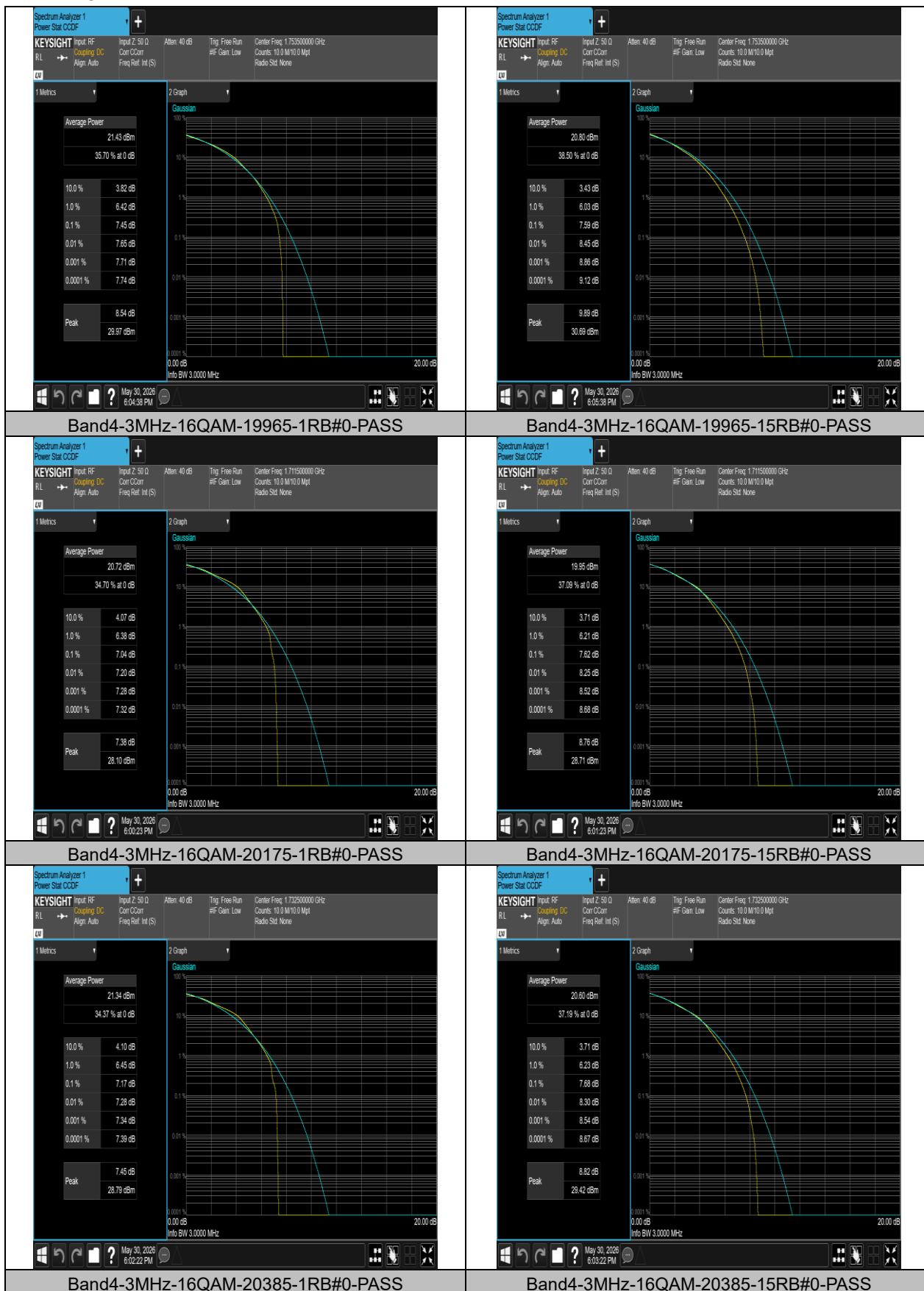


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Test Report No.: RF260626B004



Test Report No.: RF260626B004

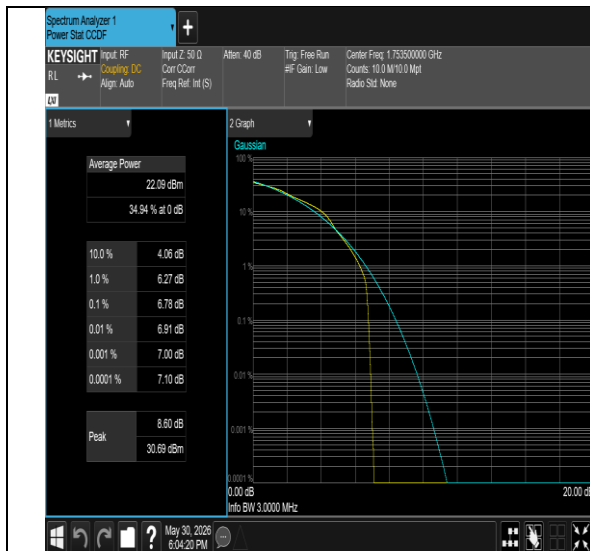


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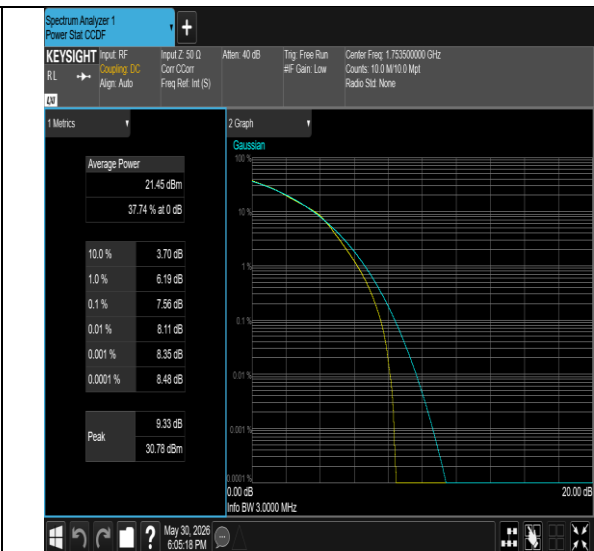
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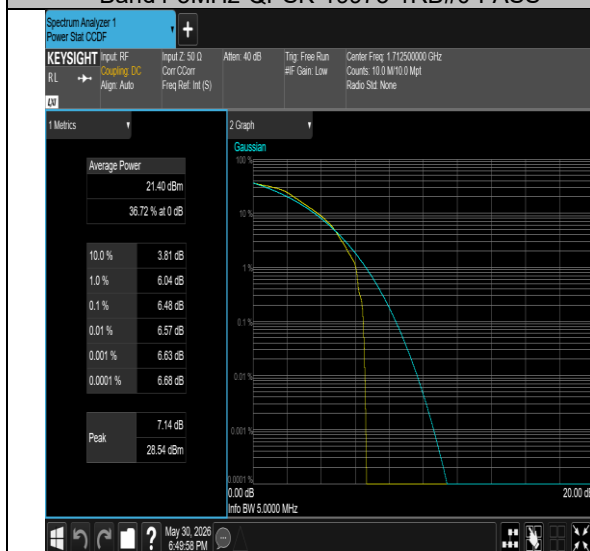
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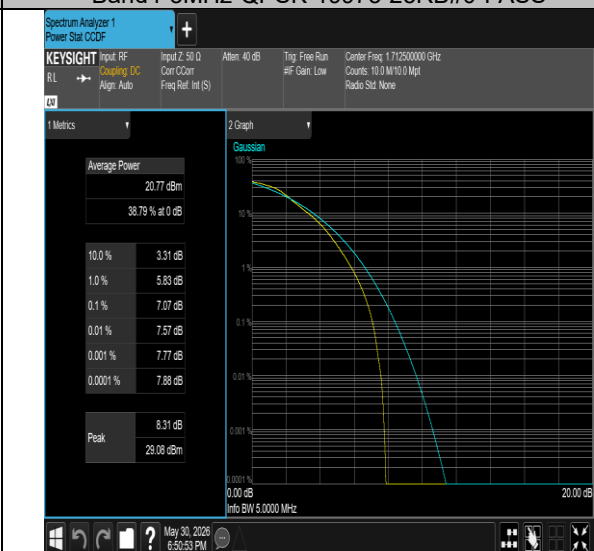
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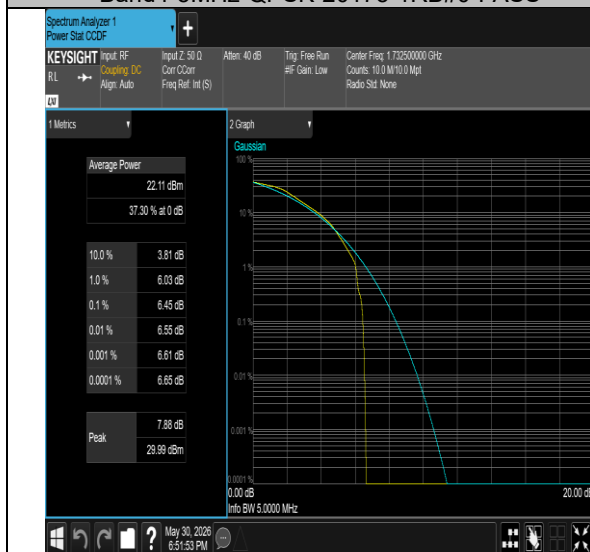
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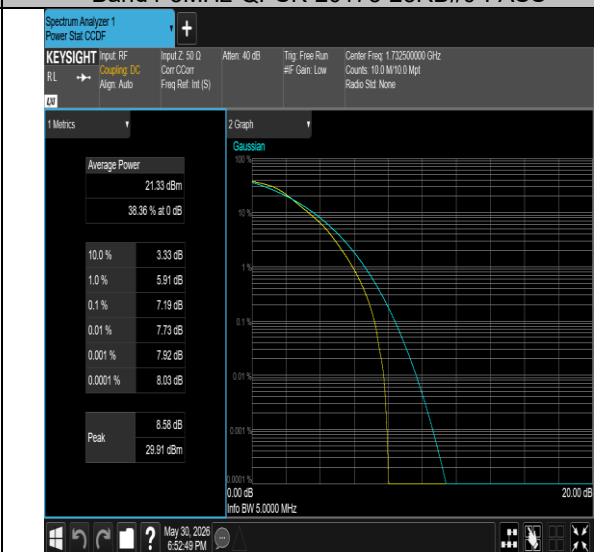
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Band4-5MHz-QPSK-20175-25RB#0-PASS

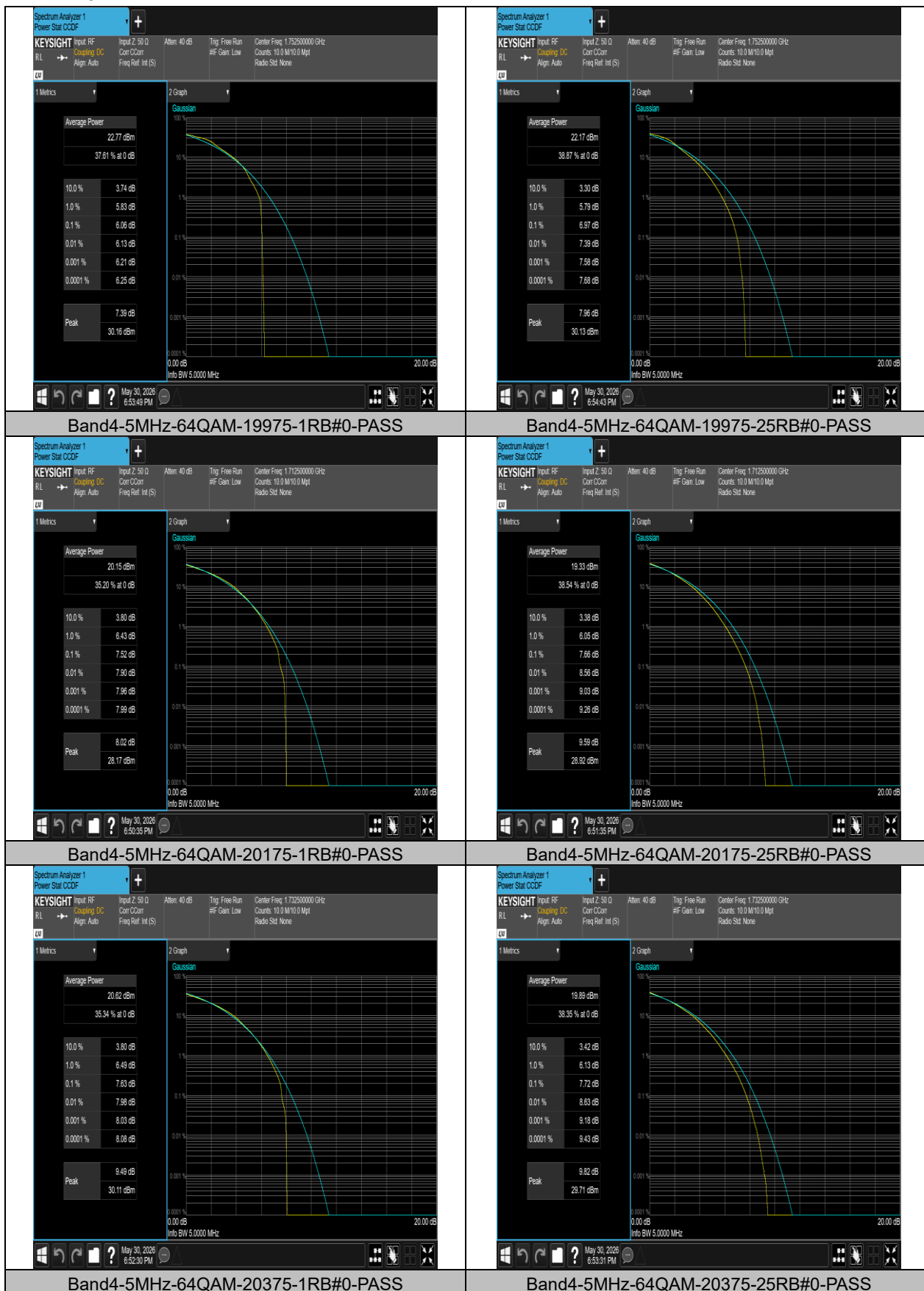


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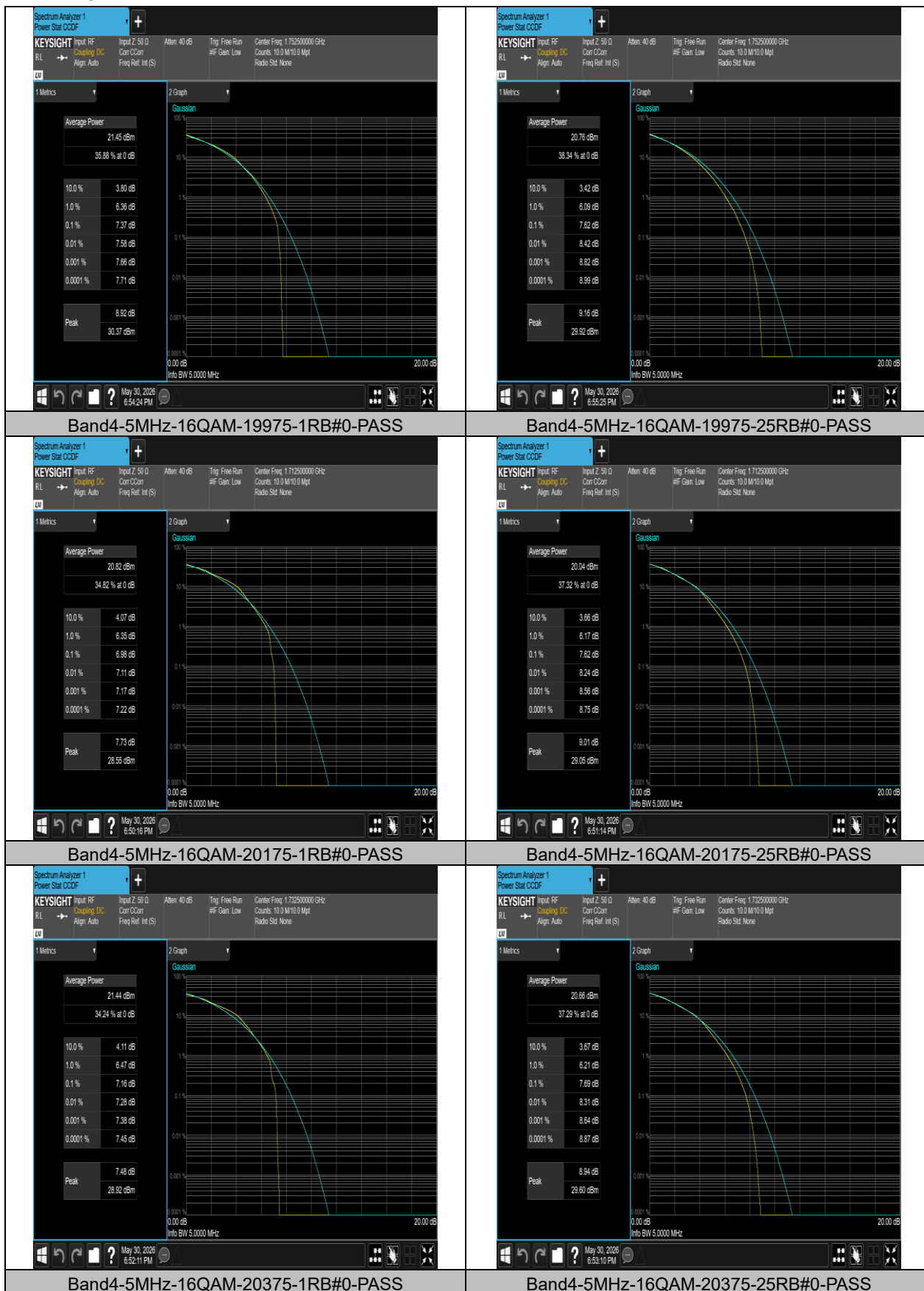


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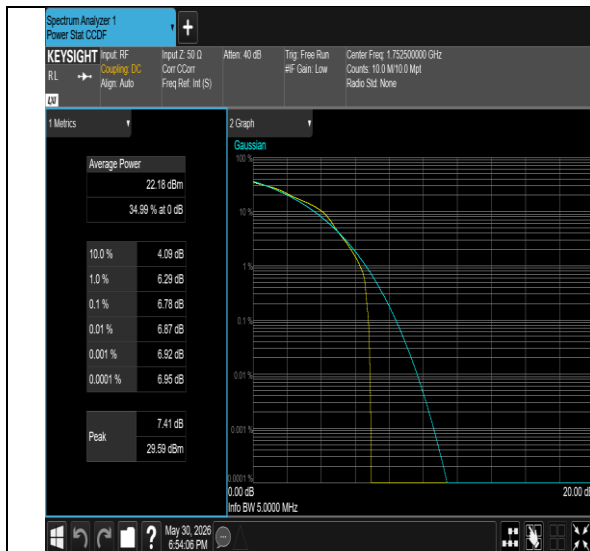
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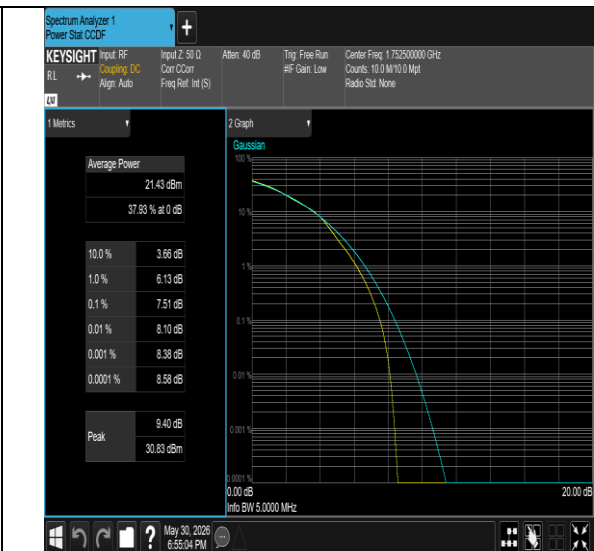
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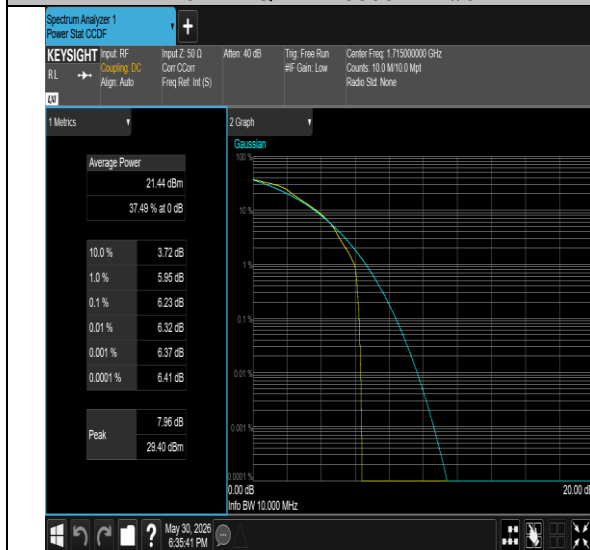
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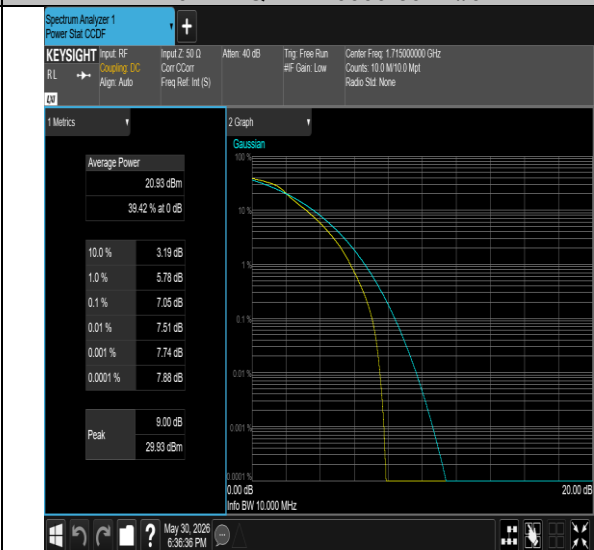
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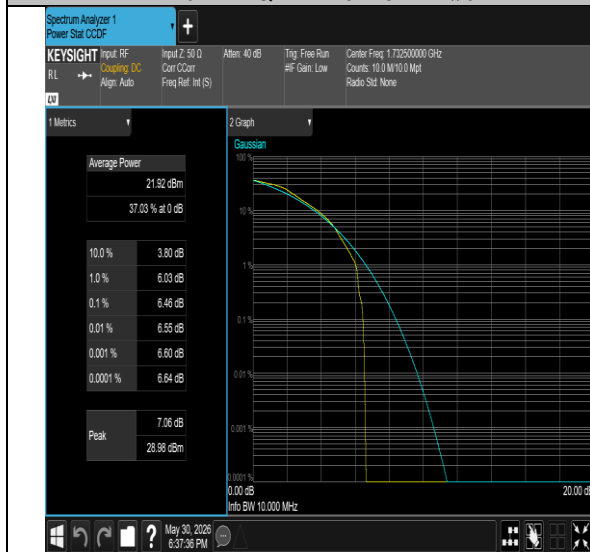
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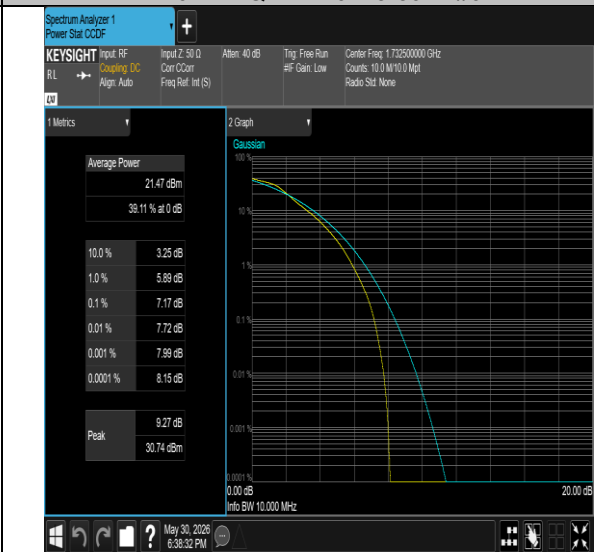
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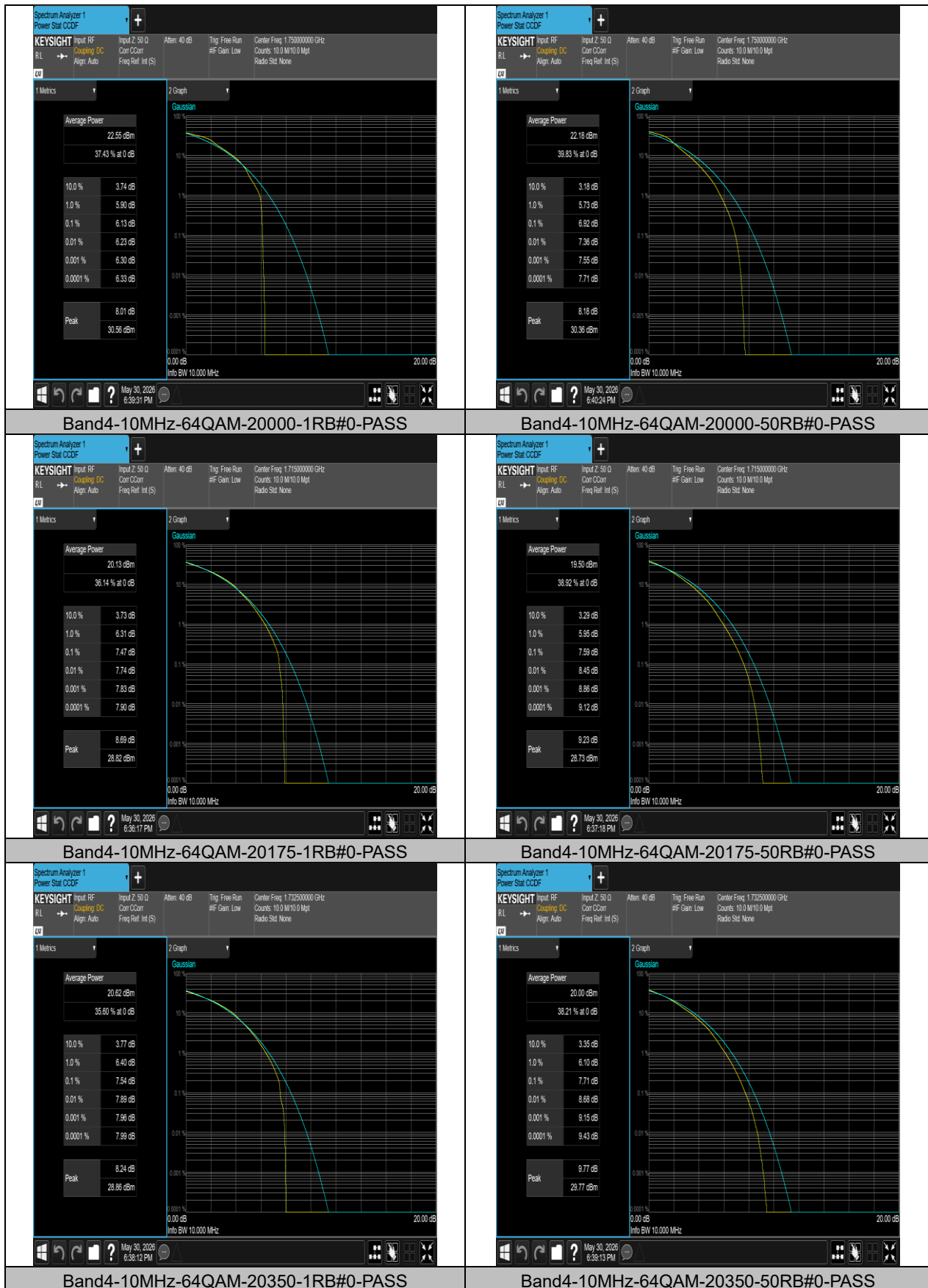


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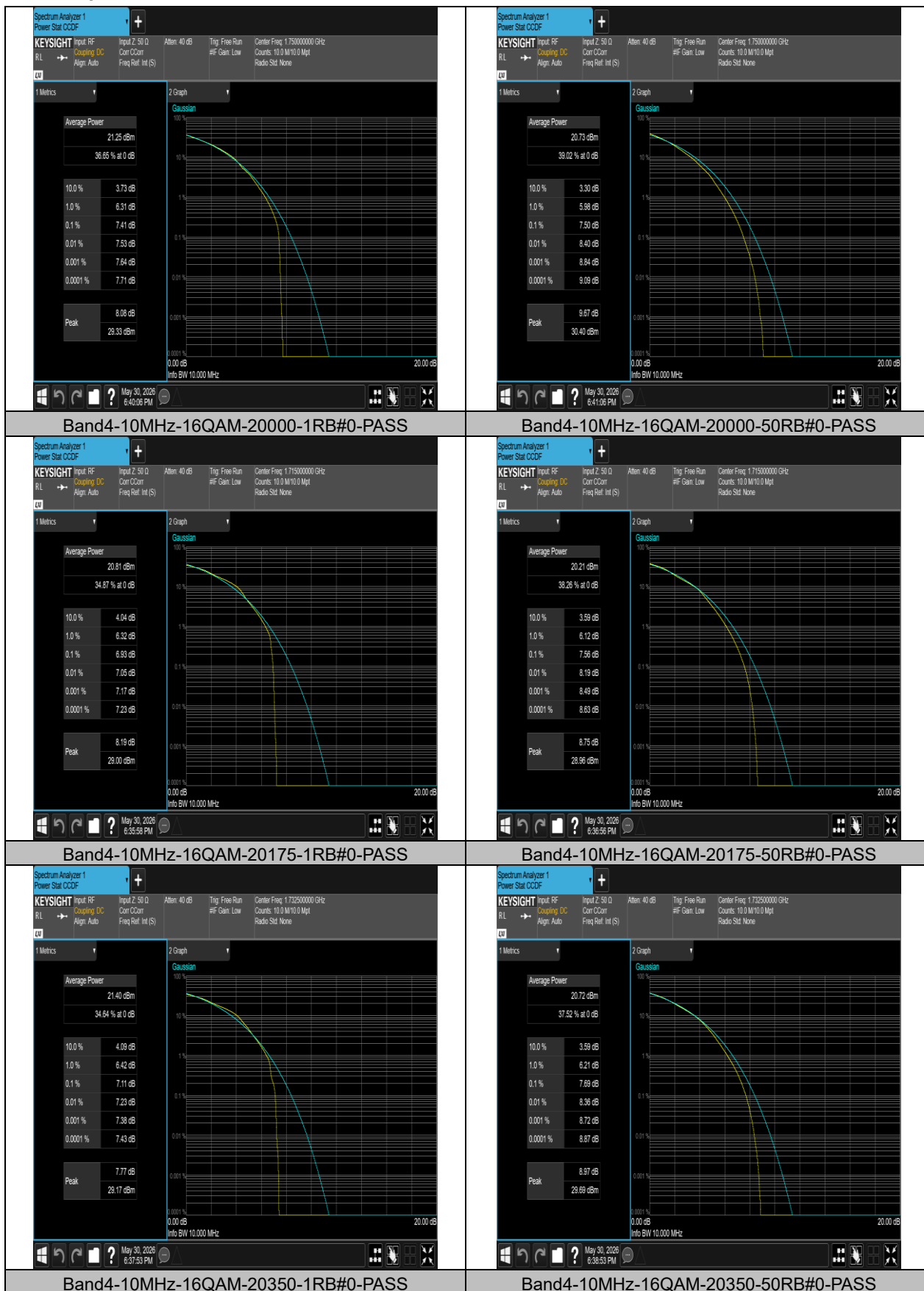


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Test Report No.: RF260626B004



Test Report No.: RF260626B004

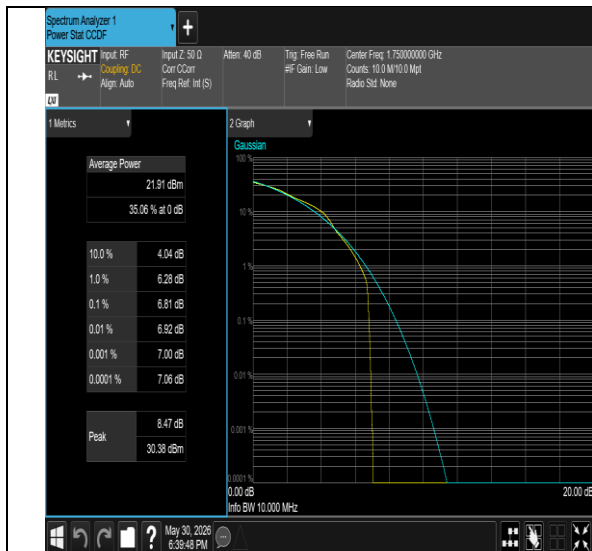


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CO., LTD.

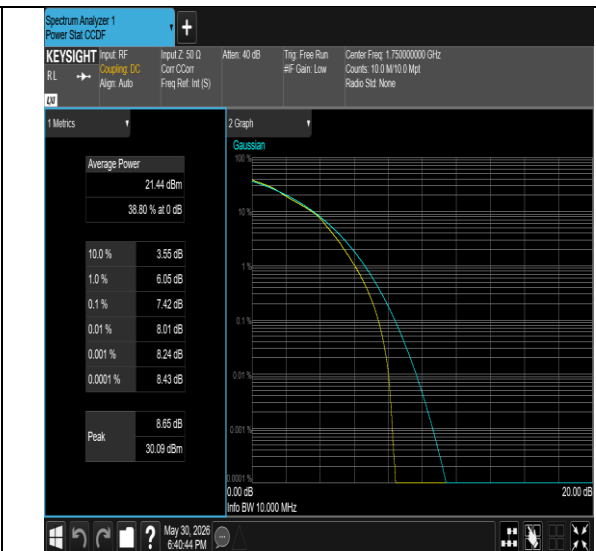
Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan
4th Road, Chiwan Community, Zhaoshang Street,
Nanshan District, Shenzhen, Guangdong, P.R. CHINA

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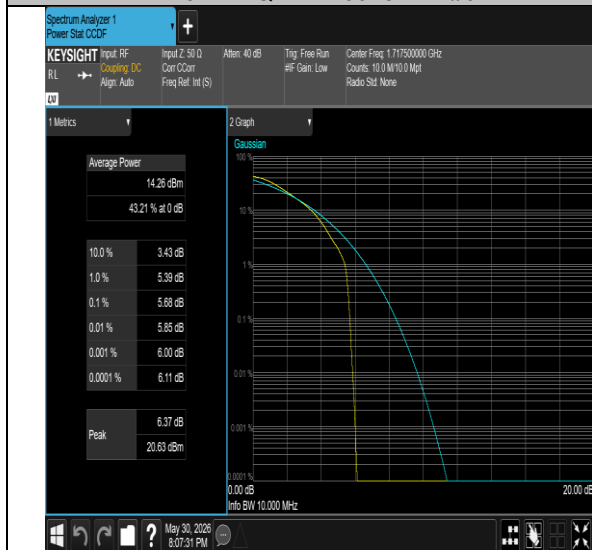
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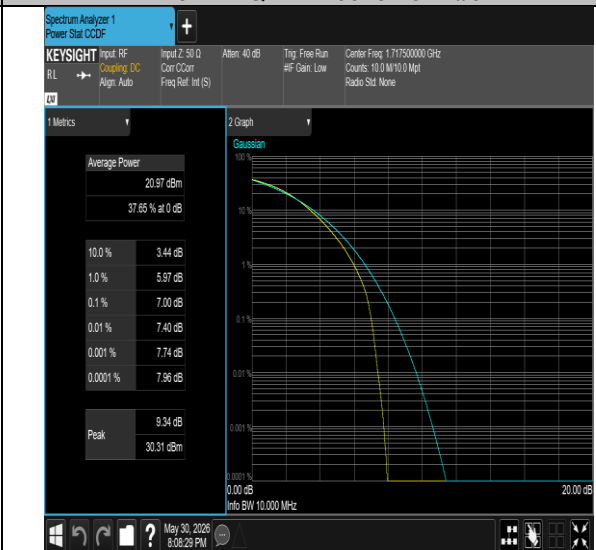
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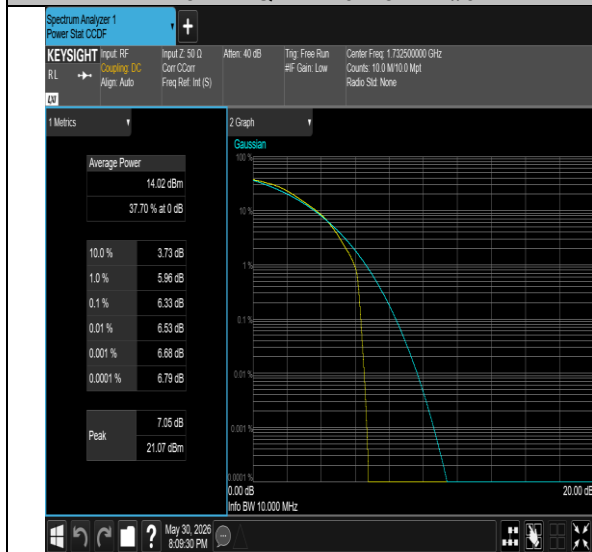
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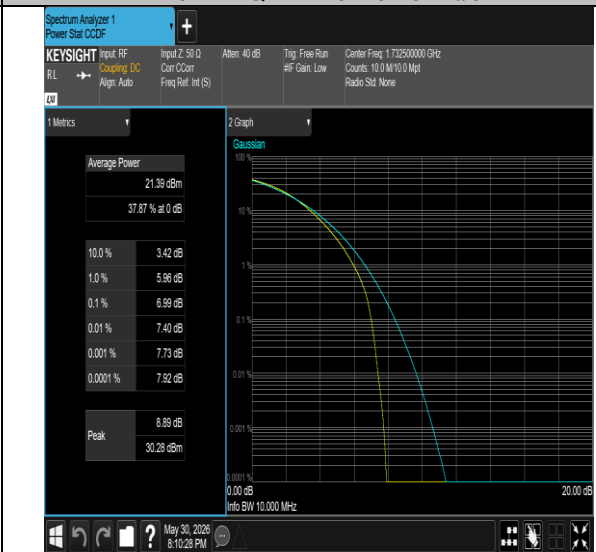
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Band4-15MHz-QPSK-20325-75RB#0-PASS