

FCC Test Report

FCC Part 27

Report Reference No.: HK2601080047-8E

FCC ID.....: 2BBBN-RTB75T41

Compiled by
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Date of issue.....: Mar. 02, 2026

Testing Laboratory Name: Shenzhen HUAKE Testing Technology Co., Ltd.

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China

Applicant's Name: Hangzhou Tanlink Technology Co.,Ltd.

Address.....: Room 701, South Building, Building 3, No.16, Longtan Road,
Cangqian Street, Yuhang District, Hangzhou, Zhejiang, China

Test Specification

Standard: FCC Part 27

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Product Name: 4G LTE Battery Pack

Trade Mark: Redtiger

Manufacturer.....: Hangzhou Tanlink Technology Co.,Ltd.

Model Name: RTB75T41

Series Model(s): RTB75N21, RTB32N11, RTB75T42, RTB75T43, RTB75T45

Ratings.....: DC12V From DC Power or DC9.6V From Battery

Modulation: QPSK, 16QAM

Hardware Version.....: V1.0

Software Version: V1.0

Frequency.....: LTE Band 71: 663MHz - 698 MHz

Result.....: **PASS**

Len Liao
Sliver Wan
Jason Zhou



TEST REPORT

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Test Result	Pass
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The test report merely corresponds to the test sample.
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**** Issued History ****

Revision	Description	Issued Date	Remark
Revision 1.0	Initial Test Report Release	Mar. 02, 2026	Jason Zhou

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1 Summary

1.1 Test Standards

The tests were performed according to following standards:

[FCC Part 27](#): Miscellaneous Wireless Communications Services

[ANSI/TIA-603-E-2016](#): Land Mobile FM or PM Communications Equipment Measurement and Performance Standards.

[FCC Part 2](#): Frequency Allocation and Radio Treaty Matters; General Rules and Regulations

[KDB971168 D01 v03r01](#): Measurement Guidance For Certification of Licensed Digital Transmitters

1.2 Test Description

Test Item	FCC Rule No.	Result
RF Output Power	Part 2.1046 Part 27.50(c)(10)	Pass
Peak-to-Average Ratio	Part 2.1046	Pass
99% & -26 dB Occupied Bandwidth	Part 2.1049	Pass
Spurious Emissions at Antenna Terminal	Part 2.1051 Part 27.53(g)	Pass
Field Strength of Spurious Radiation	Part 2.1053 Part 27.53(g)	Pass
Out of Band Emission, Band Edge	Part 2.1051 Part 27.53(g)	Pass
Frequency Stability	Part 2.1055 Part 27.54	Pass

Note:

1. Pass: Test item meets the requirement.
2. Fail: Test item does not meet the requirement.
3. N/A: Test case does not apply to the test object.
4. The test result judgment is decided by the limit of test standard.
5. The measurement uncertainty is not included in the test result.



1.3 Information of the Test Laboratory

Shenzhen HUAKE Testing Technology Co., Ltd.

Add.: 1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

1.4 Statement of the measurement uncertainty

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

No.	Item	MU
1	All Emissions, Radiated(<1G)	$\pm 3.60\text{dB}$
2	All Emissions, Radiated(1-18G)	$\pm 3.86\text{dB}$
3	All Emissions, Radiated(18-40G)	$\pm 4.76\text{dB}$
4	Transmitter Power Conducted	$\pm 0.37\text{dB}$
5	Conducted Spurious Emission	$\pm 2.20\text{dB}$
6	Occupied Bandwidth	$\pm 3.68\%$
7	Temperature	$\pm 0.1^\circ\text{C}$
8	Humidity	$\pm 1.0\%$



2 General Information

2.1 Environmental conditions

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

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

2.2 Description of Test Modes

The EUT has been tested under typical operating condition. The CMW500 used to control the EUT staying in continuous transmitting and receiving mode for testing. Regards to the frequency band operation: the lowest, middle and highest frequency of channel were selected to perform the test, then shown on this report.

Note:

1. For the ERP/EIRP and radiated emission test, every axis (X, Y, Z) was verified, and show the worst result on this report.
2. Test method and refer to 3GPP TS136521.

2.3 Test Frequency List

TX Channel Bandwidth	Frequency(MHz)	Channel
5 MHz	665.5	133147
	680.5	133297
	695.5	133447
10 MHz	668	133172
	680.5	133297
	693	133422
15 MHz	670.5	133197
	680.5	133297
	690.5	133397
20 MHz	673	133222
	680.5	133297
	688	133372



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2.4 Equipments Used during the Test

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Due Date
1	L.I.S.N.	R&S	ENV216	HKE-002	2025/02/19	2026/02/18
2	L.I.S.N.	R&S	ENV216	HKE-059	2025/02/19	2026/02/18
3	EMI Test Receiver	R&S	ESR	HKE-005	2025/02/19	2026/02/18
4	Spectrum analyzer	Agilent	N9020A	HKE-117	2025/02/19	2026/02/18
5	Spectrum analyzer	R&S	FSV3044	HKE-126	2025/02/19	2026/02/18
6	Preamplifier	EMCI	EMC051845S	HKE-006	2025/02/19	2026/02/18
7	Preamplifier	Schwarzbeck	BBV 9743	HKE-016	2025/02/19	2026/02/18
8	Preamplifier	A.H. Systems	SAS-574	HKE-182	2025/02/19	2026/02/18
9	6dB Attenuator	Pasternack	6db	HKE-184	2025/02/19	2026/02/18
10	EMI Test Receiver	Rohde & Schwarz	ESR-7	HKE-010	2025/02/19	2026/02/18
11	Broadband Antenna	Schwarzbeck	VULB9168	HKE-167	2024/02/21	2026/02/20
12	Loop Antenna	COM-POWER	AL-130R	HKE-014	2024/02/21	2026/02/20
13	Horn Antenna	Schwarzbeck	9120D	HKE-013	2024/02/21	2026/02/20
14	EMI Test Software	Tonscend	JS32-CE 2.5.0.6	HKE-081	/	/
15	EMI Test Software	Tonscend	JS32-RE 5.0.0	HKE-082	/	/
16	RF Automatic control unit	Tonscend	JS0806-1	HKE-096	2025/02/19	2026/02/18
17	High pass filter unit	Tonscend	JS0806-F	HKE-055	2025/02/19	2026/02/18
18	Wireless Communication Test Set	R&S	CMU200	HKE-026	2025/02/19	2026/02/18
19	Wireless Communication Test Set	R&S	CMW500	HKE-027	2025/02/19	2026/02/18
20	High-low temperature chamber	Guangke	HT-80L	HKE-118	2025/06/09	2026/06/08
21	Temperature and humidity meter	Boyang	HTC-1	HKE-075	2025/06/09	2026/06/08
22	RF Test Software	Tonscend	JS1120 Version 3.5.39	HKE-183	/	/
23	RSE Test Software	Tonscend	JS36-RSE 5.0.0	HKE-184	/	/

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Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	L.I.S.N.	R&S	ENV216	HKE-002	2026/02/11	1 Year
2	L.I.S.N.	R&S	ENV216	HKE-059	2026/02/04	1 Year
3	EMI Test Receiver	R&S	ESR-7	HKE-005	2026/02/06	1 Year
4	Spectrum analyzer	Agilent	N9020A	HKE-025	2026/02/06	1 Year
5	Spectrum analyzer	R&S	FSV3044	HKE-126	2026/02/06	1 Year
6	Preamplifier	EMCI	EMC051845SE	HKE-006	2026/02/04	1 Year
7	Preamplifier	Agilent	83051A	HKE-016	2026/02/04	1 Year
8	Preamplifier	A.H. Systems	SAS-574	HKE-182	2026/02/04	1 Year
9	6dB Attenuator	Pasternack	6db	HKE-007	2026/02/06	1 Year
10	EMI Test Receiver	R&S	ESR-7	HKE-010	2026/02/06	1 Year
11	Broadband Antenna	Schwarzbeck	VULB9168	HKE-167	2026/02/06	2 Year
12	Loop Antenna	COM-POWER	AL-130R	HKE-014	2026/02/06	2 Year
13	Horn Antenna	Schwarzbeck	9120D	HKE-013	2026/02/06	2 Year
14	EMI Test Software	Tonscend	JS32-CE 2.5.0.6	HKE-081	/	/
15	EMI Test Software	Tonscend	JS32-RE 5.0.0	HKE-082	/	/
16	RF Automatic control unit	Tonscend	JS0806-1	HKE-060	2026/02/06	1 Year
17	High pass filter unit	Tonscend	JS0806-F	HKE-055	2026/02/06	1 Year
18	Wireless Communication Test Set	R&S	CMW500	HKE-027	2026/02/06	1 Year
19	High-low temperature chamber	Guangke	HT-80L	HKE-118	2025/06/09	1 Year
20	Temperature and humidity meter	Boyang	HTC-1	HKE-075	2025/06/09	1 Year
21	RF Test Software	Tonscend	JS1120-3 Version 3.5.39	HKE-083	/	/

2.5 Modifications

No modifications were implemented to meet testing criteria.



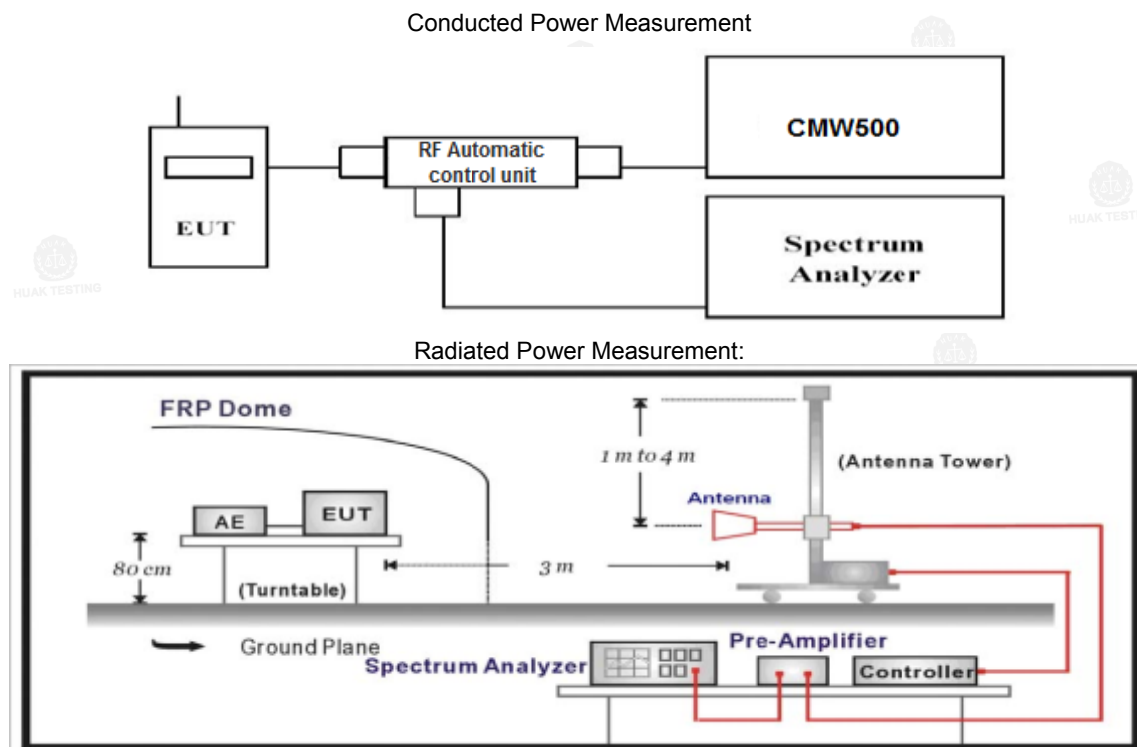
3 Test Conditions And Results

3.1 Output Power

LIMIT

Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are FCC limited to 3 watts ERP."IC limited to 5 watts ERP."

TEST CONFIGURATION



TEST PROCEDURE

The EUT was setup according to ANSI/TIA-603-E.

Conducted Power Measurement:

- Place the EUT on a bench and set it in transmitting mode.
- Connect a low loss RF cable from the antenna port to a spectrum analyzer and CMW500 by a Directional Couple.
- EUT Communicate with CMW500, then select a channel for testing.
- Add a correction factor to the display of spectrum, and then test.

Radiated Power Measurement:

- The EUT shall be placed at the specified height on a support, and in the position closest to normal use as declared by provider.
- The test antenna shall be oriented initially for vertical polarization and shall be chosen to correspond to the frequency of the transmitter
- The output of the test antenna shall be connected to the measuring receiver.
- The transmitter shall be switched on and the measuring receiver shall be tuned to the frequency of the transmitter under test.



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- e. The test antenna shall be raised and lowered through the specified range of height until a maximum signal level is detected by the measuring receiver.
- f. The transmitter shall then be rotated through 360° in the horizontal plane, until the maximum signal level is detected by the measuring receiver.
- g. The test antenna shall be raised and lowered again through the specified range of height until a maximum signal level is detected by the measuring receiver.
- h. The maximum signal level detected by the measuring receiver shall be noted.
- i. The transmitter shall be replaced by a substitution antenna.
- j. The substitution antenna shall be orientated for vertical polarization and the length of the substitution antenna shall be adjusted to correspond to the frequency of the transmitter.
- k. The substitution antenna shall be connected to a calibrated signal generator.
- l. If necessary, the input attenuator setting of the measuring receiver shall be adjusted in order to increase the sensitivity of the measuring receiver.
- m. The test antenna shall be raised and lowered through the specified range of height to ensure that the maximum signal is received.
- n. The input signal to the substitution antenna shall be adjusted to the level that produces a level detected by the measuring receiver, that is equal to the level noted while the transmitter radiated power was measured, corrected for the change of input attenuator setting of the measuring receiver.
- o. The measurement shall be repeated with the test antenna and the substitution antenna orientated for horizontal polarization.
- p. The measure of the effective radiated power is the larger of the two levels recorded at the input to the substitution antenna, corrected for gain of the substitution antenna if necessary.
- q. Test site anechoic chamber refer to ANSI C63.4.

**TEST RESULTS****Conducted Measurement:**

LTE FDD Band 71				
TX Channel Bandwidth	RB Size/Offset	Frequency (MHz)	Average Power [dBm]	
			QPSK	16QAM
5 MHz	1 RB low	665.5	23.60	22.63
		680.5	23.90	22.89
		695.5	23.91	22.71
	1 RB high	665.5	23.67	22.65
		680.5	23.68	22.10
		695.5	23.61	22.44
	50% RB mid	665.5	23.64	22.43
		680.5	23.51	22.43
		695.5	23.63	22.55
	100% RB	665.5	23.73	23.45
		680.5	23.92	22.57
		695.5	23.71	22.71
10 MHz	1 RB low	668	23.69	22.95
		680.5	23.99	22.94
		693	23.92	22.94
	1 RB high	668	23.74	22.70
		680.5	23.42	22.61
		693	23.71	23.05
	50% RB mid	668	23.48	22.57
		680.5	23.57	22.68
		693	23.49	22.58
	100% RB	668	23.92	23.60
		680.5	23.92	22.97
		693	23.82	22.80
15 MHz	1 RB low	670.5	23.77	23.13
		680.5	23.78	22.51
		690.5	23.73	23.29
	1 RB high	670.5	23.29	23.10
		680.5	23.49	22.68
		690.5	23.41	23.51
	50% RB mid	670.5	23.43	22.61
		680.5	23.40	22.55
		690.5	23.56	22.54
	100% RB	670.5	23.67	22.52
		680.5	23.67	22.81
		690.5	23.53	23.53
20 MHz	1 RB low	673	23.89	22.44
		680.5	24.17	23.98
		688	23.76	22.53
	1 RB high	673	23.64	22.68
		680.5	23.51	23.57
		688	23.65	22.82
	50% RB mid	673	23.53	22.55
		680.5	23.51	23.62
		688	23.51	23.06
	100% RB	673	23.54	22.40
		680.5	23.74	23.91
		688	23.64	22.55

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**Radiated Measurement:****Remark:**

1. We were tested all RB Configuration refer 3GPP TS136 521 for each Channel Bandwidth of LTE FDD Band 71; recorded worst case for each Channel Bandwidth of LTE FDD Band 71.
2. $EIRP = P_{Mea}(dBm) - G_a(dBi) + P_{cl}(dB) - P_{Ag}(dB)$, $ERP = EIRP - 2.15$
3. We measured both Horizontal and Vertical direction, recorded worst case direction.

LTE FDD Band 71_Channel Bandwidth 5MHz_QPSK

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	Correction (dB)	P _{Ag} (dB)	ERP (dBm)	Limit (dBm)	Polarization
665.5	69.82	2.38	8.23	2.15	36.70	25.12	34.77	V
680.5	68.88	2.40	8.29	2.15	36.70	24.14	34.77	V
695.5	68.52	2.43	8.28	2.15	36.70	23.82	34.77	V
665.5	68.67	2.38	8.23	2.15	36.70	23.97	34.77	H
680.5	69.26	2.40	8.29	2.15	36.70	24.52	34.77	H
695.5	69.56	2.43	8.28	2.15	36.70	24.86	34.77	H

LTE FDD Band 71_Channel Bandwidth 10MHz_QPSK

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	Correction (dB)	P _{Ag} (dB)	ERP (dBm)	Limit (dBm)	Polarization
668	70.17	2.38	8.23	2.15	36.70	25.47	34.77	V
680.5	69.44	2.40	8.29	2.15	36.70	24.70	34.77	V
693	68.74	2.43	8.28	2.15	36.70	24.04	34.77	V
668	68.66	2.38	8.23	2.15	36.70	23.96	34.77	H
680.5	70.22	2.40	8.29	2.15	36.70	25.48	34.77	H
693	69.79	2.43	8.28	2.15	36.70	25.09	34.77	H

LTE FDD Band 71_Channel Bandwidth 15MHz_QPSK

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	Correction (dB)	P _{Ag} (dB)	ERP (dBm)	Limit (dBm)	Polarization
670.5	70.00	2.38	8.23	2.15	36.70	25.30	34.77	V
680.5	70.07	2.40	8.29	2.15	36.70	25.33	34.77	V
690.5	69.77	2.43	8.28	2.15	36.70	25.07	34.77	V
670.5	69.38	2.38	8.23	2.15	36.70	24.68	34.77	H
680.5	70.23	2.40	8.29	2.15	36.70	25.49	34.77	H
690.5	68.91	2.43	8.28	2.15	36.70	24.21	34.77	H

LTE FDD Band 71_Channel Bandwidth 20MHz_QPSK

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	Correction (dB)	P _{Ag} (dB)	ERP (dBm)	Limit (dBm)	Polarization
673	70.23	2.38	8.23	2.15	36.70	25.53	34.77	V
680.5	68.87	2.40	8.29	2.15	36.70	24.13	34.77	V
688	68.75	2.43	8.28	2.15	36.70	24.05	34.77	V
673	69.12	2.38	8.23	2.15	36.70	24.42	34.77	H
680.5	69.34	2.40	8.29	2.15	36.70	24.60	34.77	H
688	69.72	2.43	8.28	2.15	36.70	25.02	34.77	H

**LTE FDD Band 71_Channel Bandwidth 5MHz_16QAM**

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	Correction (dB)	P _{Ag} (dB)	ERP (dBm)	Limit (dBm)	Polarization
665.5	69.73	2.38	8.23	2.15	36.70	25.03	34.77	V
680.5	69.34	2.40	8.29	2.15	36.70	24.60	34.77	V
695.5	68.27	2.43	8.28	2.15	36.70	23.57	34.77	V
665.5	68.51	2.38	8.23	2.15	36.70	23.81	34.77	H
680.5	68.57	2.40	8.29	2.15	36.70	23.83	34.77	H
695.5	69.00	2.43	8.28	2.15	36.70	24.30	34.77	H

LTE FDD Band 71_Channel Bandwidth 10MHz_16QAM

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	Correction (dB)	P _{Ag} (dB)	ERP (dBm)	Limit (dBm)	Polarization
668	69.54	2.38	8.23	2.15	36.70	24.84	34.77	V
680.5	68.39	2.40	8.29	2.15	36.70	23.65	34.77	V
693	68.35	2.43	8.28	2.15	36.70	23.65	34.77	V
668	69.17	2.38	8.23	2.15	36.70	24.47	34.77	H
680.5	69.97	2.40	8.29	2.15	36.70	25.23	34.77	H
693	68.99	2.43	8.28	2.15	36.70	24.29	34.77	H

LTE FDD Band 71_Channel Bandwidth 15MHz_16QAM

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	Correction (dB)	P _{Ag} (dB)	ERP (dBm)	Limit (dBm)	Polarization
670.5	70.13	2.38	8.23	2.15	36.70	25.43	34.77	V
680.5	68.97	2.40	8.29	2.15	36.70	24.23	34.77	V
690.5	68.27	2.43	8.28	2.15	36.70	23.57	34.77	V
670.5	68.97	2.38	8.23	2.15	36.70	24.27	34.77	H
680.5	70.05	2.40	8.29	2.15	36.70	25.31	34.77	H
690.5	68.86	2.43	8.28	2.15	36.70	24.16	34.77	H

LTE FDD Band 71_Channel Bandwidth 20MHz_16QAM

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	Correction (dB)	P _{Ag} (dB)	ERP (dBm)	Limit (dBm)	Polarization
673	69.85	2.38	8.23	2.15	36.70	25.15	34.77	V
680.5	68.89	2.40	8.29	2.15	36.70	24.15	34.77	V
688	69.08	2.43	8.28	2.15	36.70	24.38	34.77	V
673	69.5	2.38	8.23	2.15	36.70	24.80	34.77	H
680.5	70.37	2.40	8.29	2.15	36.70	25.63	34.77	H
688	68.99	2.43	8.28	2.15	36.70	24.29	34.77	H

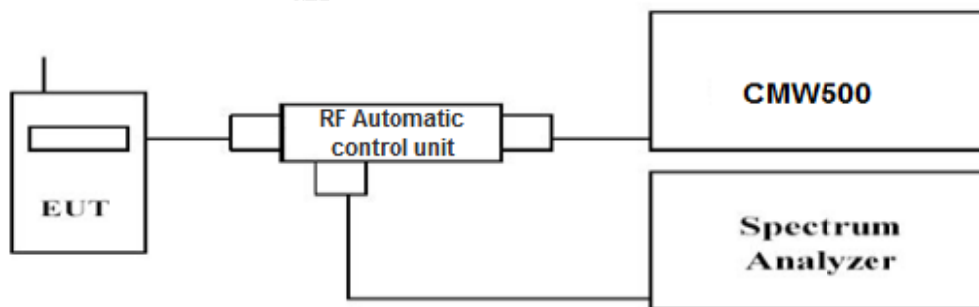


3.2 Peak-to-Average Ratio (PAR)

LIMIT

The Peak-to-Average Ratio (PAR) of the transmission may not exceed 13 dB.

TEST CONFIGURATION



TEST PROCEDURE

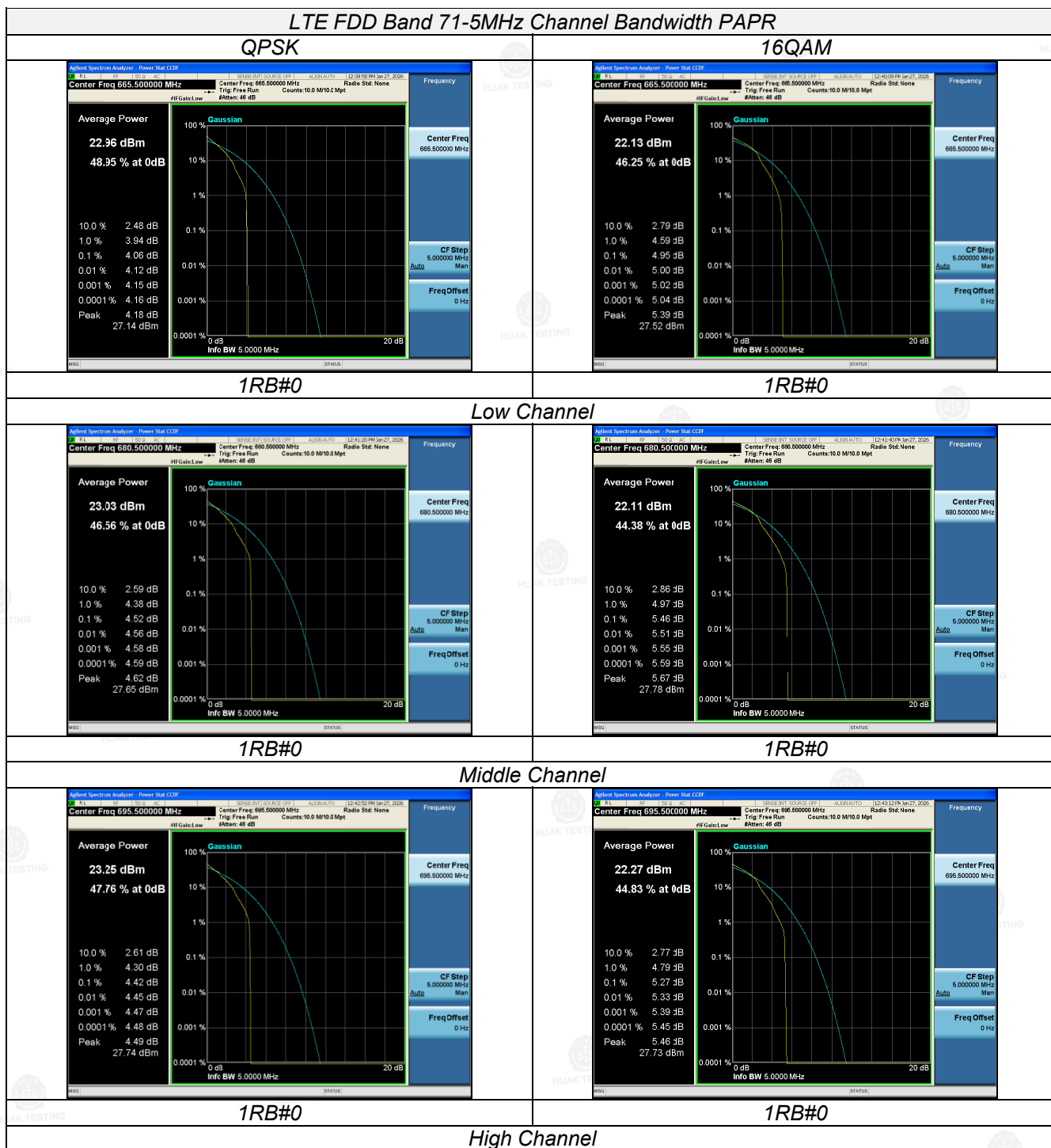
1. Refer to instrument's analyzer instruction manual for details on how to use the power statistics/CCDF function;
2. Set resolution/measurement bandwidth $\geq$ signal's occupied bandwidth;
3. Set the number of counts to a value that stabilizes the measured CCDF curve;
4. Set the measurement interval as follows:
 - 1). for continuous transmissions, set to 1 ms,
 - 2). for burst transmissions, employ an external trigger that is synchronized with the EUT burst timing sequence, or use the internal burst trigger with a trigger level that allows the burst to stabilize and set the measurement interval to a time that is less than or equal to the burst duration.
5. Record the maximum PAPR level associated with a probability of 0.1%.

TEST RESULTS

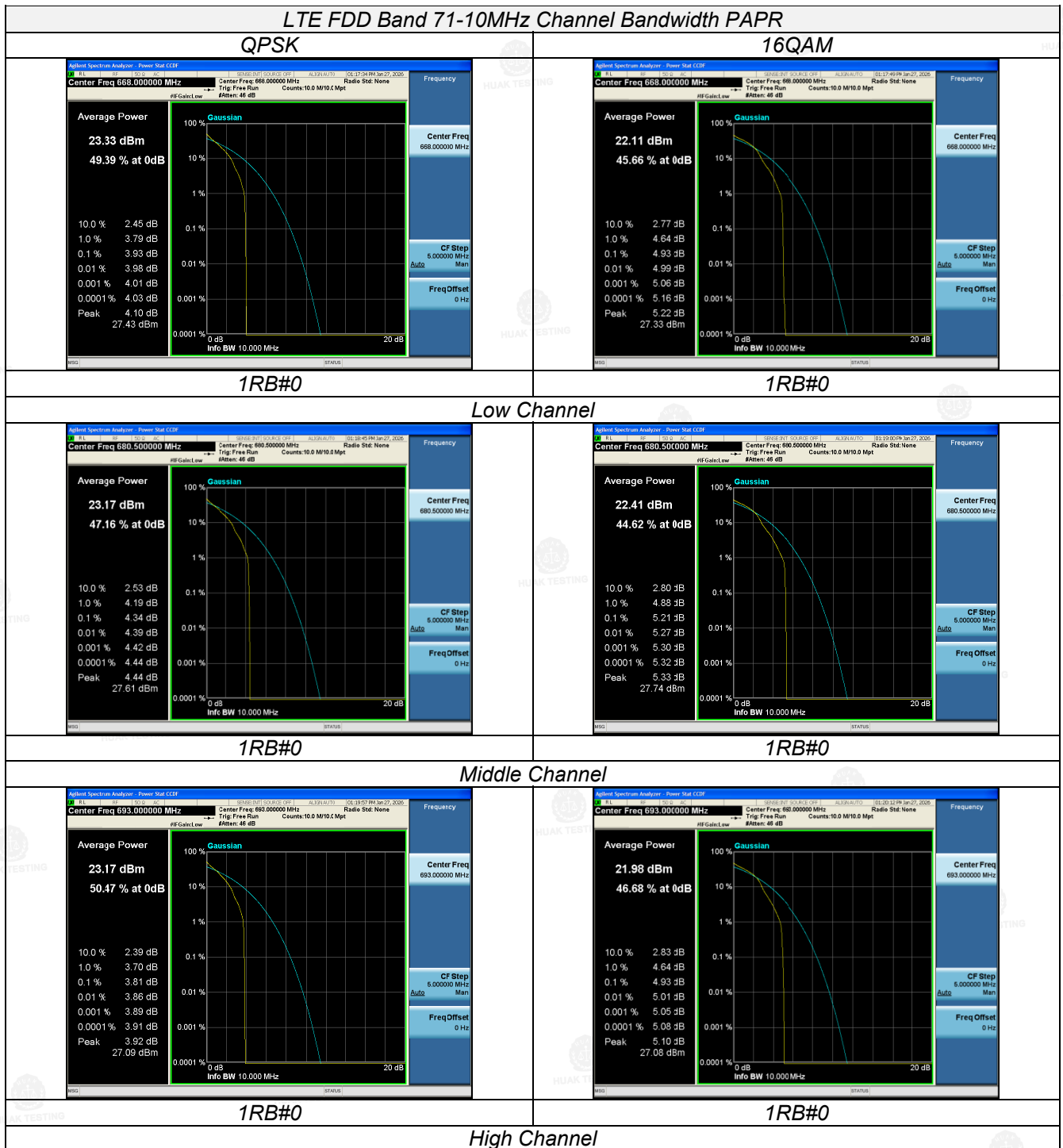
Remark:

1. We were tested all RB Configuration refer 3GPP TS136 521 for each Channel Bandwidth of LTE FDD Band 71; recorded worst case for each Channel Bandwidth of LTE FDD Band 71.

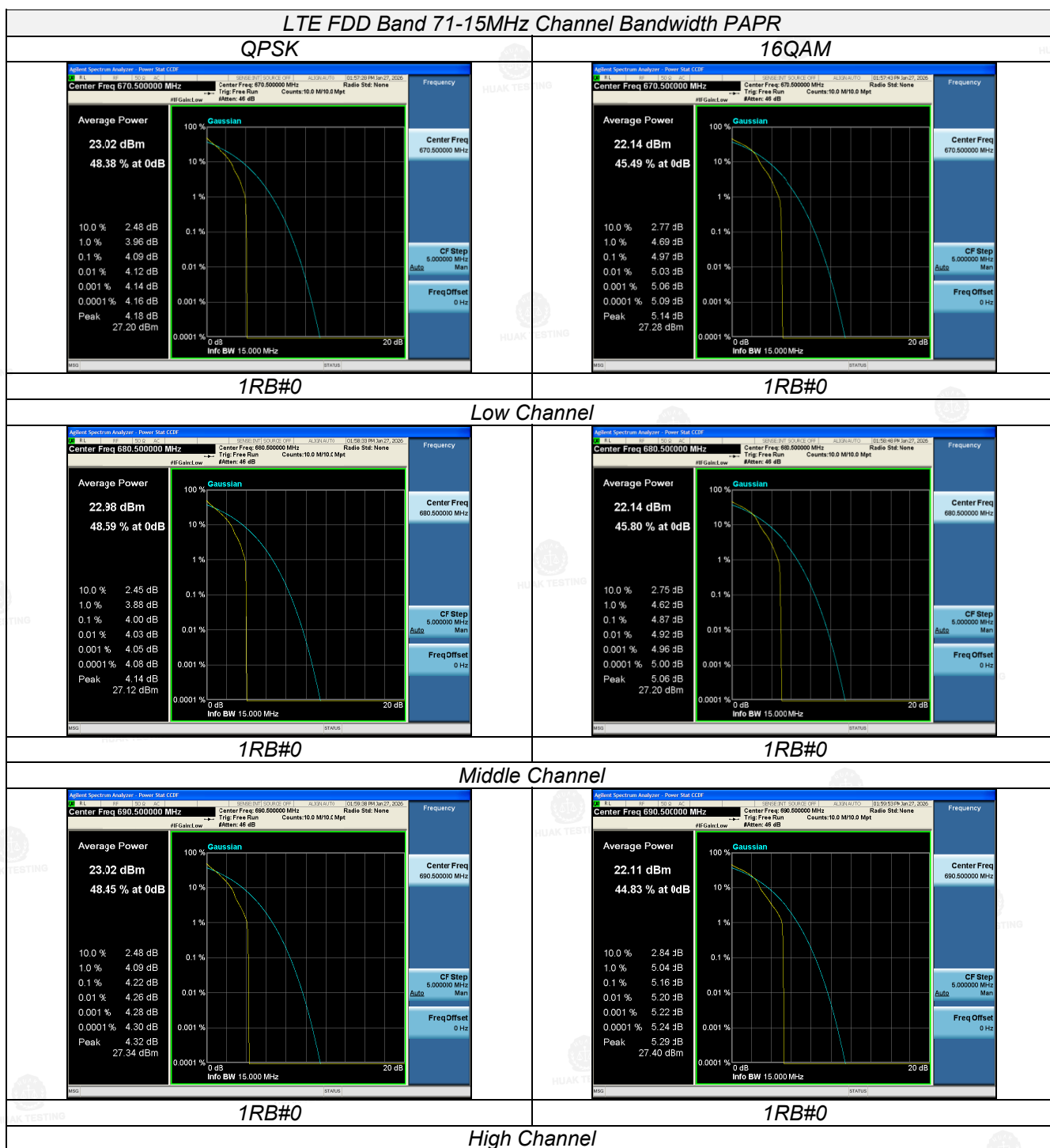
LTE FDD Band 71				
TX Channel Bandwidth	Frequency (MHz)	RB Size/Offset	PAPR (dB)	
			QPSK	16QAM
5MHz	665.5	1RB#0	4.06	4.95
	680.5		4.52	5.46
	695.5		4.42	5.27
10MHz	668	1RB#0	3.93	4.93
	680.5		4.34	5.21
	693		3.81	4.93
15MHz	670.5	1RB#0	4.09	4.97
	680.5		4.00	4.87
	690.5		4.22	5.16
20MHz	673	1RB#0	4.14	5.08
	680.5		3.99	5.03
	688		4.48	5.48

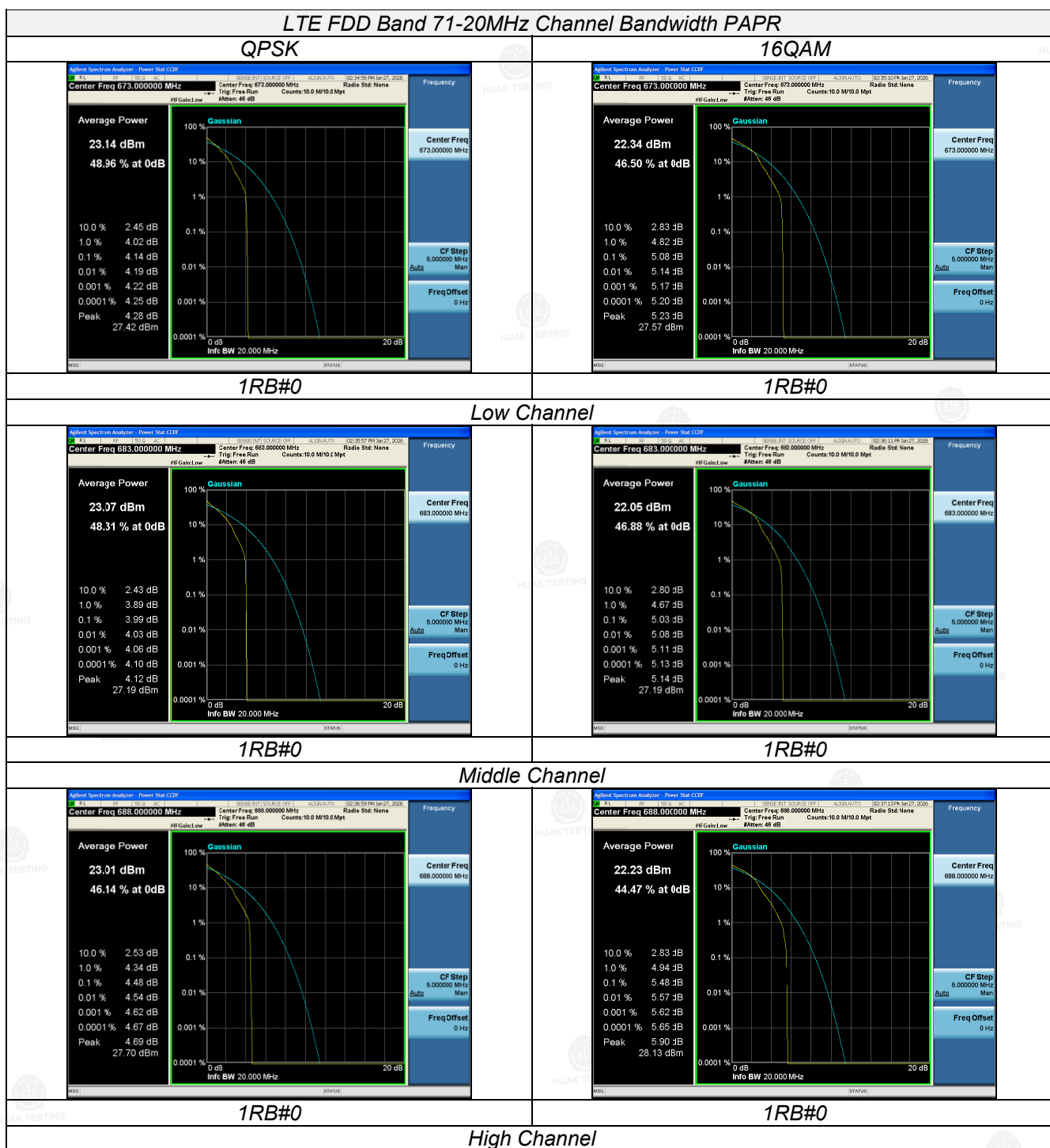


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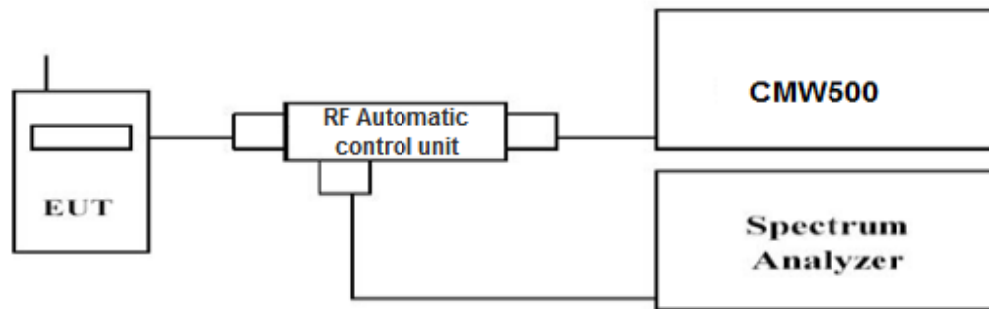
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3.3 Occupied Bandwidth and Emission Bandwidth LIMIT

N/A

TEST CONFIGURATION



TEST PROCEDURE

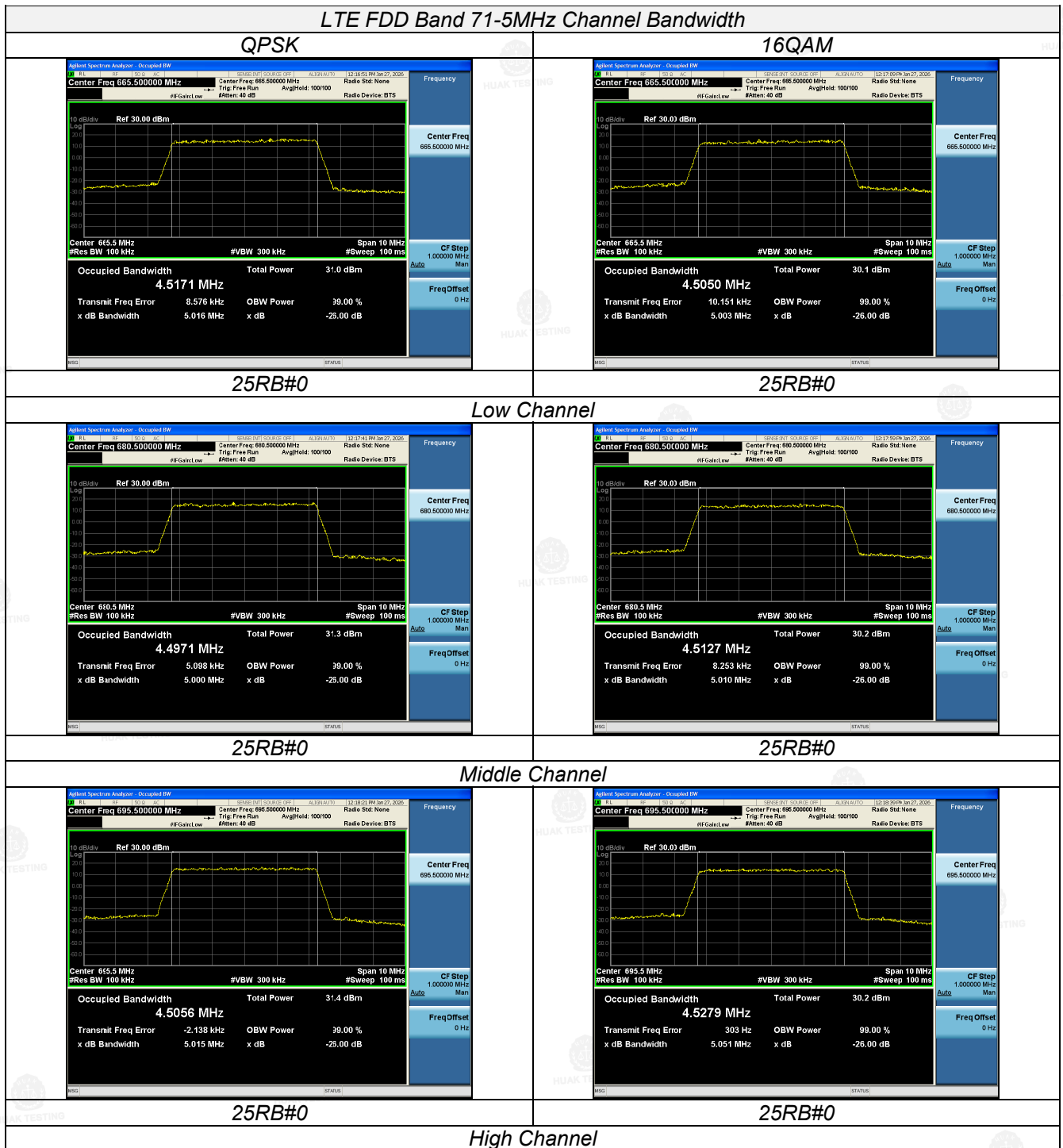
The transmitter output was connected to a calibrated coaxial cable and coupler, the other end of which was connected to a spectrum analyzer. The occupied bandwidth was measured with the spectrum analyzer at low, middle and high channel in each band. The -26dBc Emission bandwidth was also measured and recorded. Set RBW was set to about 1% of emission BW, VBW $\geq$ 3 times RBW. -26dBc display line was placed on the screen (or 99% bandwidth), the occupied bandwidth is the delta frequency between the two points where the display line intersects the signal trace.

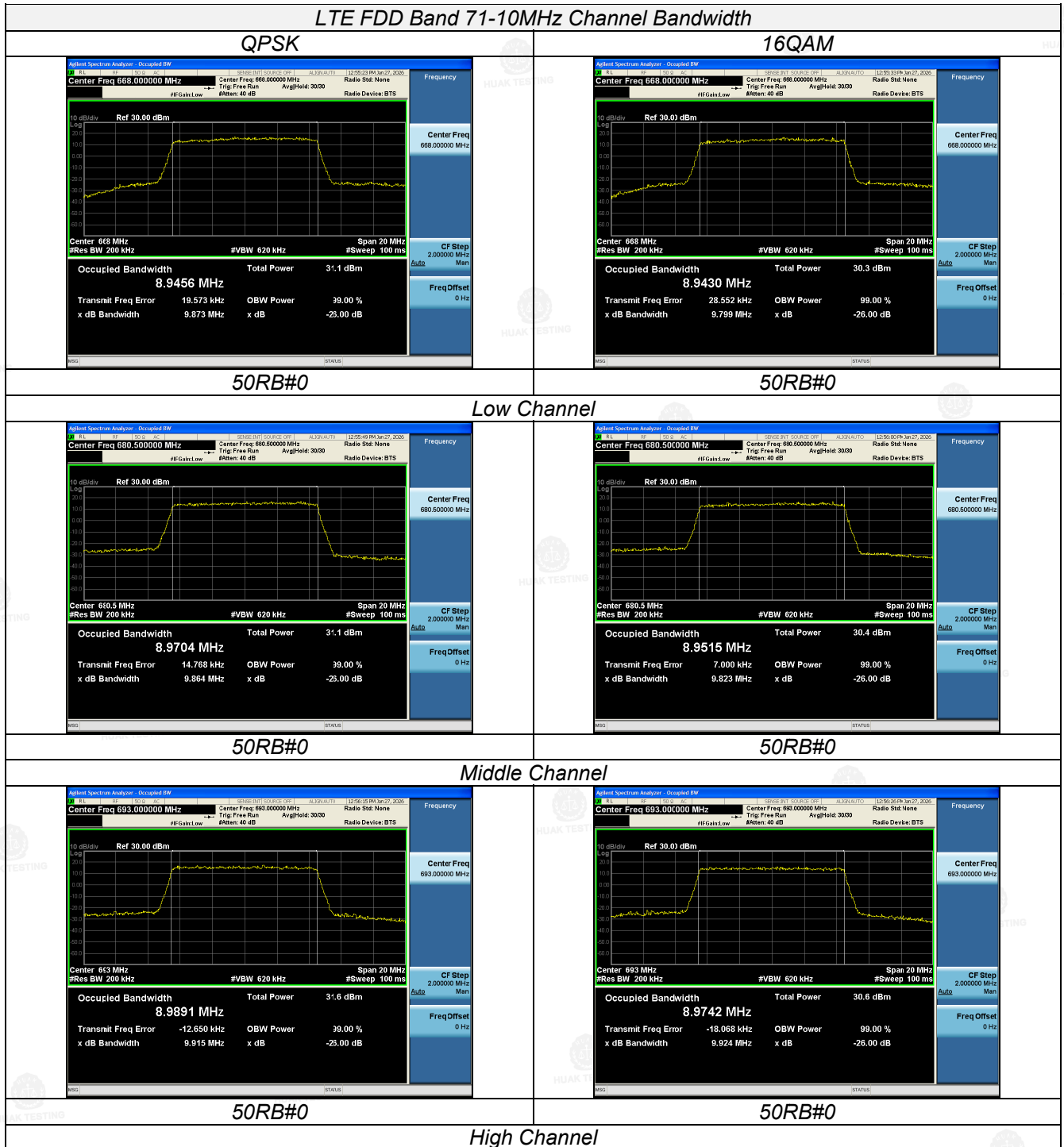
TEST RESULTS

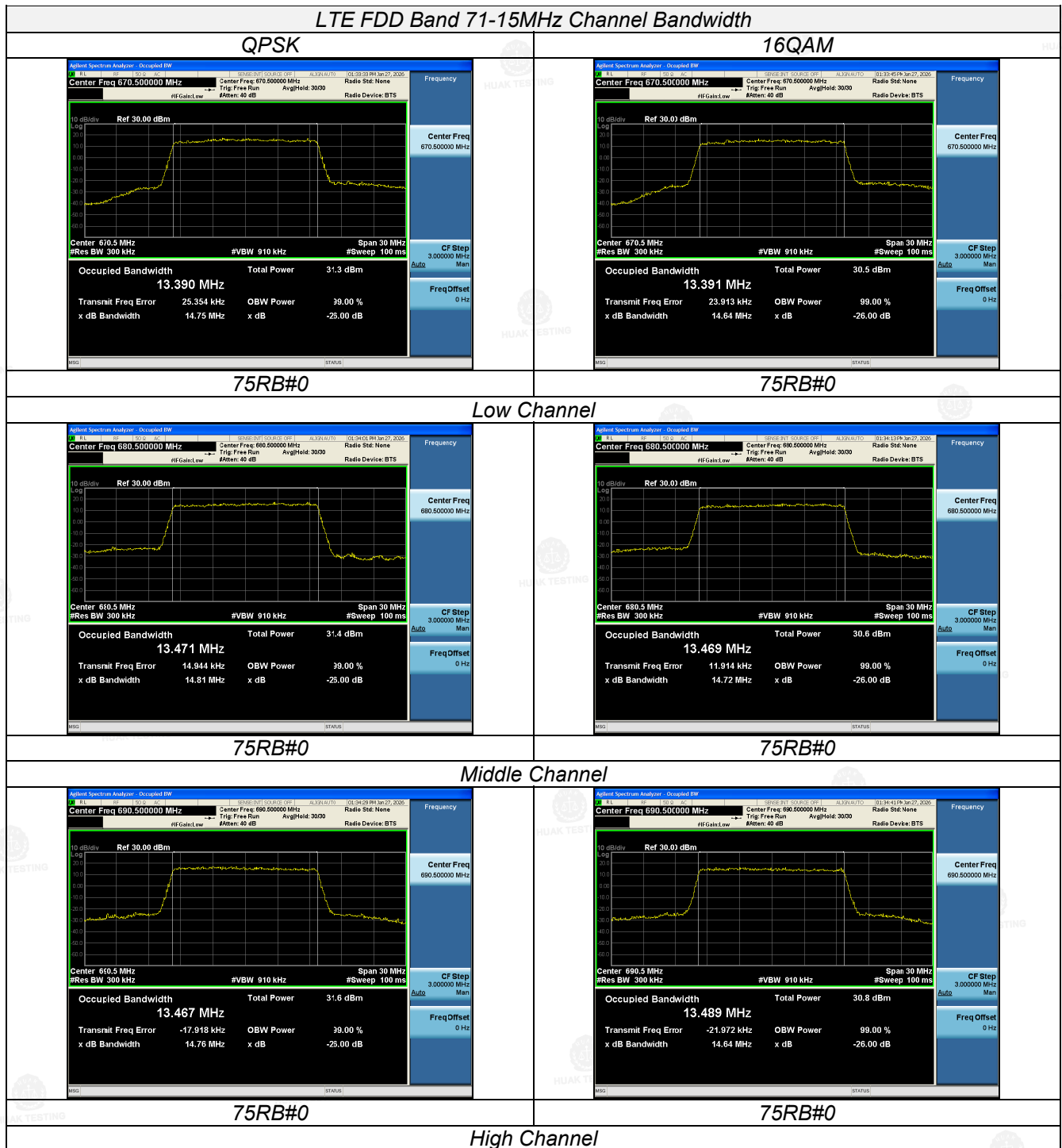
Remark:

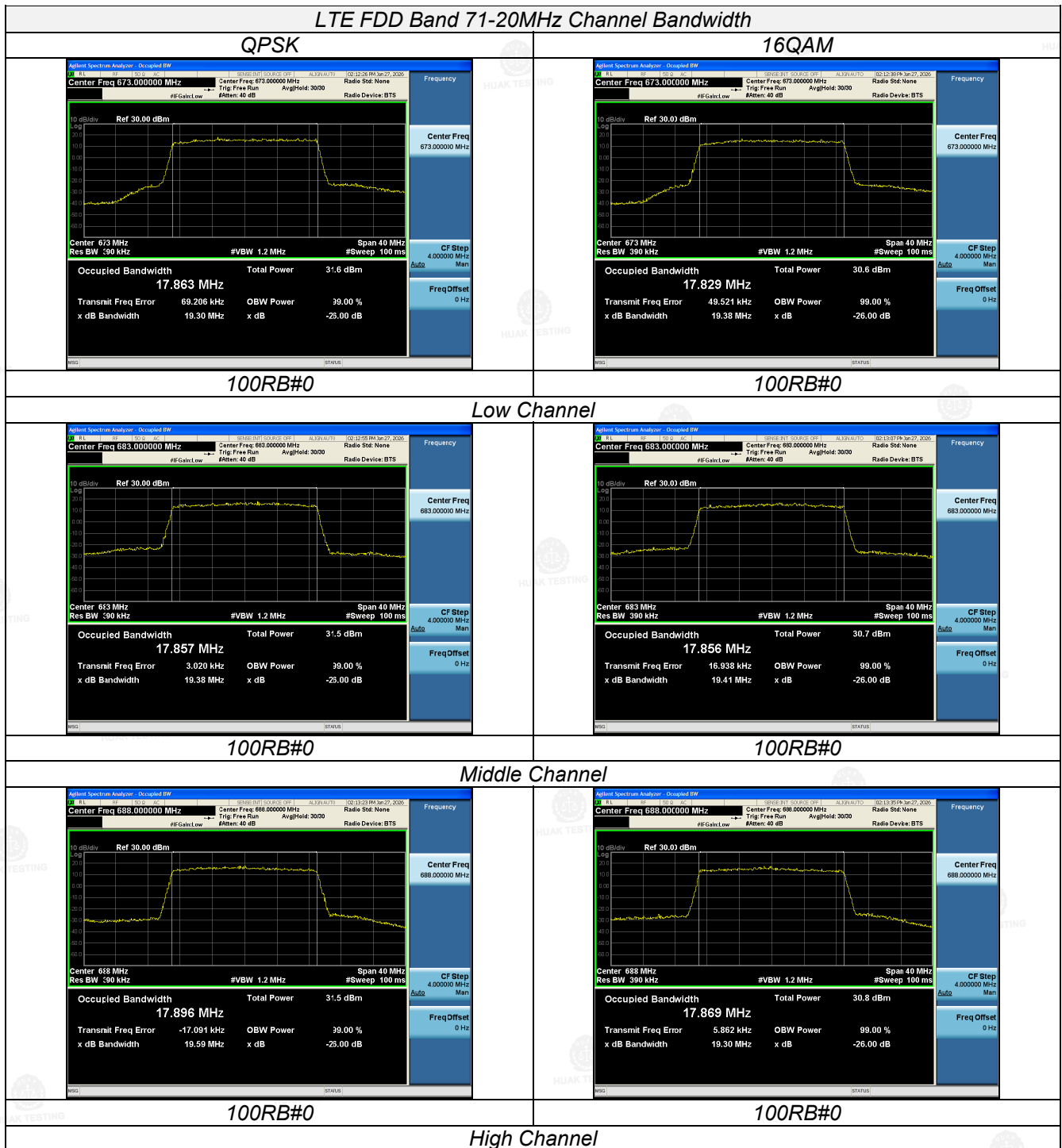
1. We were tested all RB Configuration refer 3GPP TS136 521 for each Channel Bandwidth of LTE FDD Band 71; recorded worst case for each Channel Bandwidth of LTE FDD Band 71.

LTE FDD Band 71						
TX Channel Bandwidth	RB Size/Offset	Frequency (MHz)	-26dBc Emission bandwidth (MHz)		99% Occupied bandwidth (MHz)	
			QPSK	16QAM	QPSK	16QAM
5MHz	25RB#0	665.5	5.016	5.003	4.5171	4.5050
		680.5	5.000	5.010	4.4971	4.5127
		695.5	5.015	5.051	4.5056	4.5279
10MHz	50RB#0	668	9.873	9.799	8.9456	8.9430
		680.5	9.864	9.823	8.9704	8.9515
		693	9.915	9.924	8.9891	8.9742
15MHz	75RB#0	670.5	14.75	14.64	13.390	13.391
		680.5	14.81	14.72	13.471	13.469
		690.5	14.76	14.64	13.467	13.489
20MHz	100RB#0	673	19.30	19.38	17.863	17.829
		680.5	19.38	19.41	17.857	17.856
		688	19.59	19.30	17.896	17.869









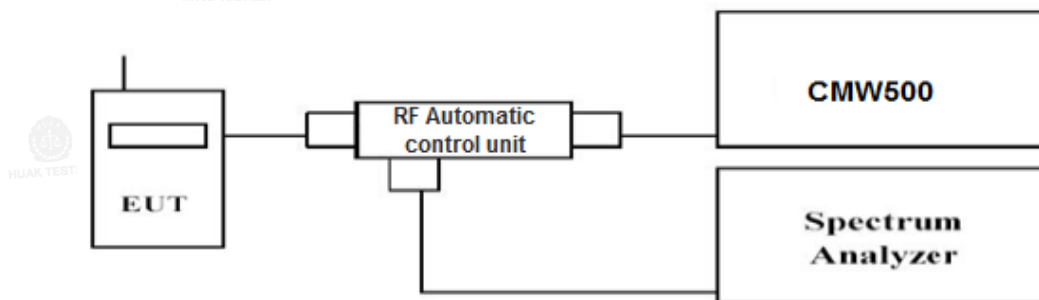
3.4 Band Edge compliance

LIMIT

that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

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

TEST CONFIGURATION



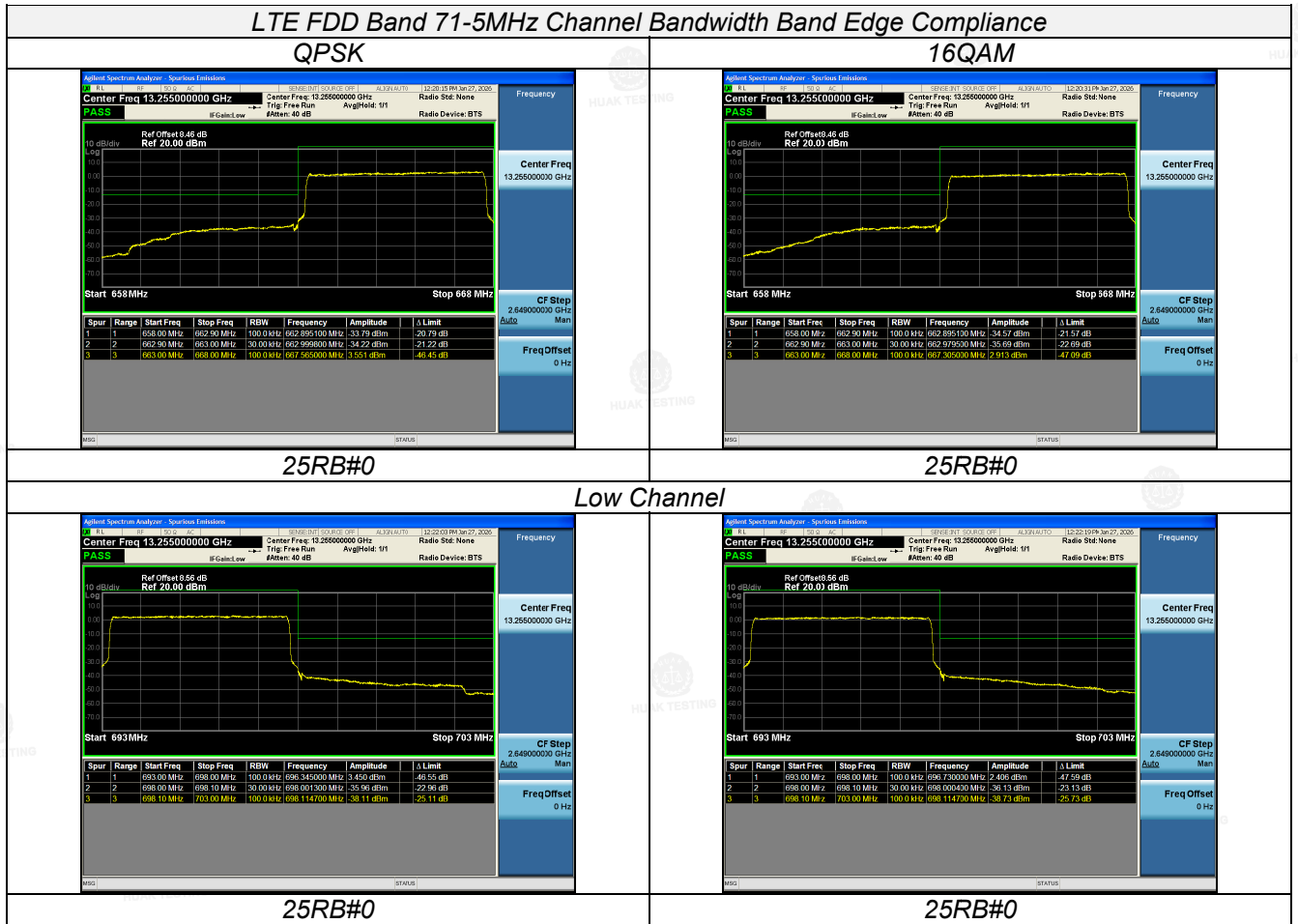
TEST PROCEDURE

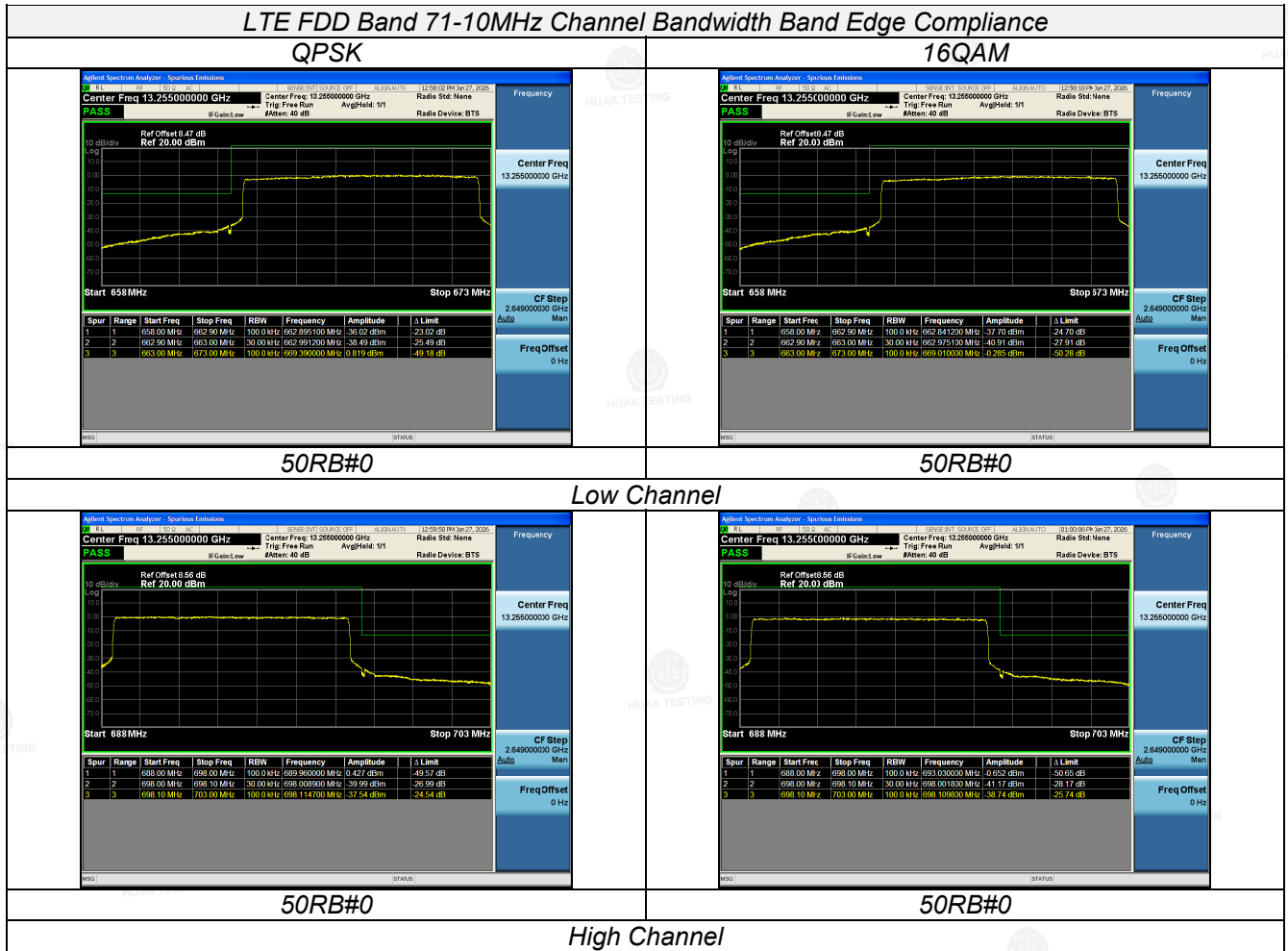
1. The transmitter output port was connected to base station.
2. The RF output of EUT was connected to the power meter by RF cable and attenuator, the path loss was compensated to the results for each measurement.
3. Set EUT at maximum power through base station.
4. Select lowest and highest channels for each band and different modulation.
5. Measure Band edge using RMS (Average) detector by spectrum

TEST RESULTS

Remark:

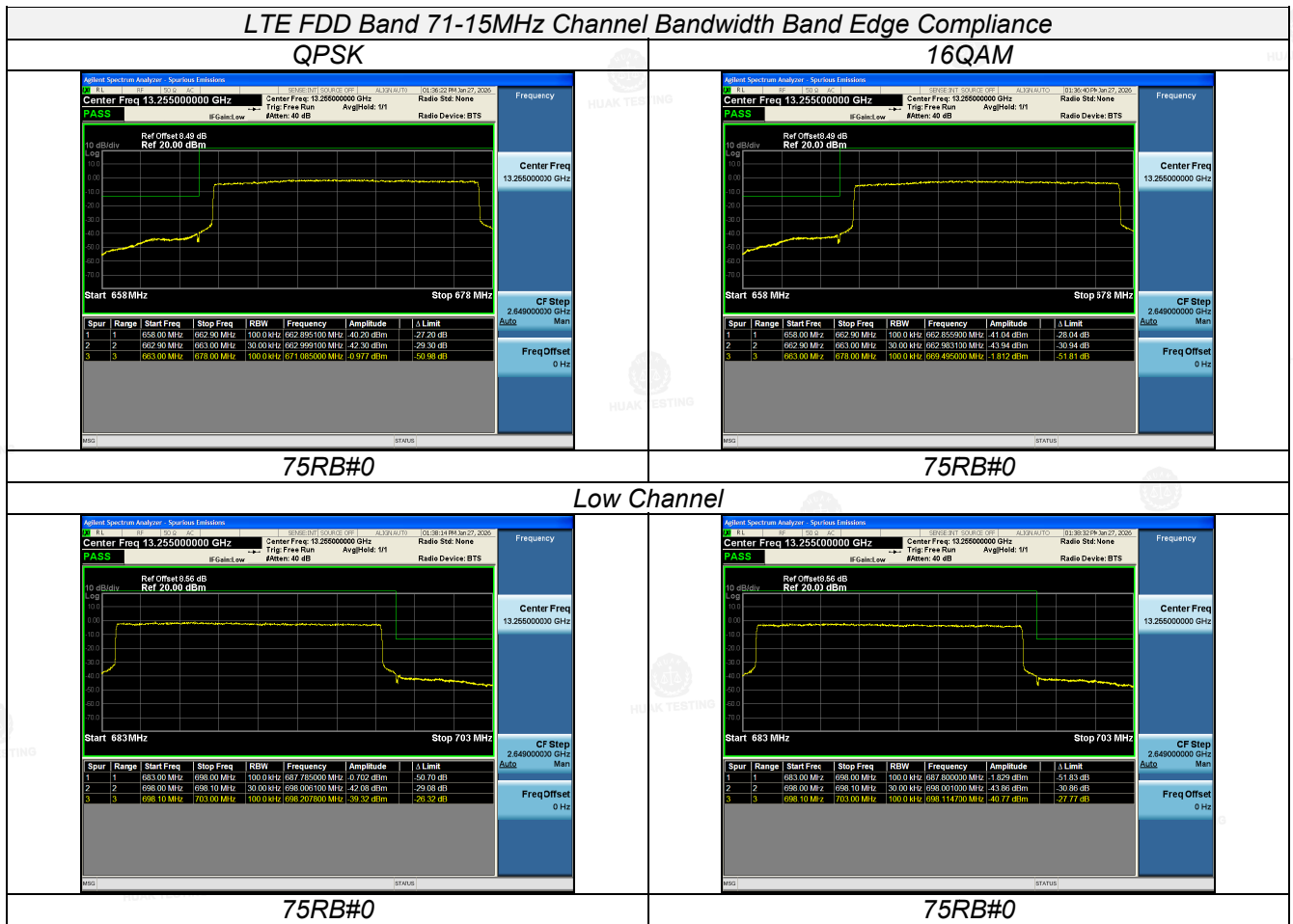
1. We were tested all RB Configuration refer 3GPP TS136 521 for each Channel Bandwidth of LTE FDD Band 71; recorded worst case for each Channel Bandwidth of LTE FDD Band 71.

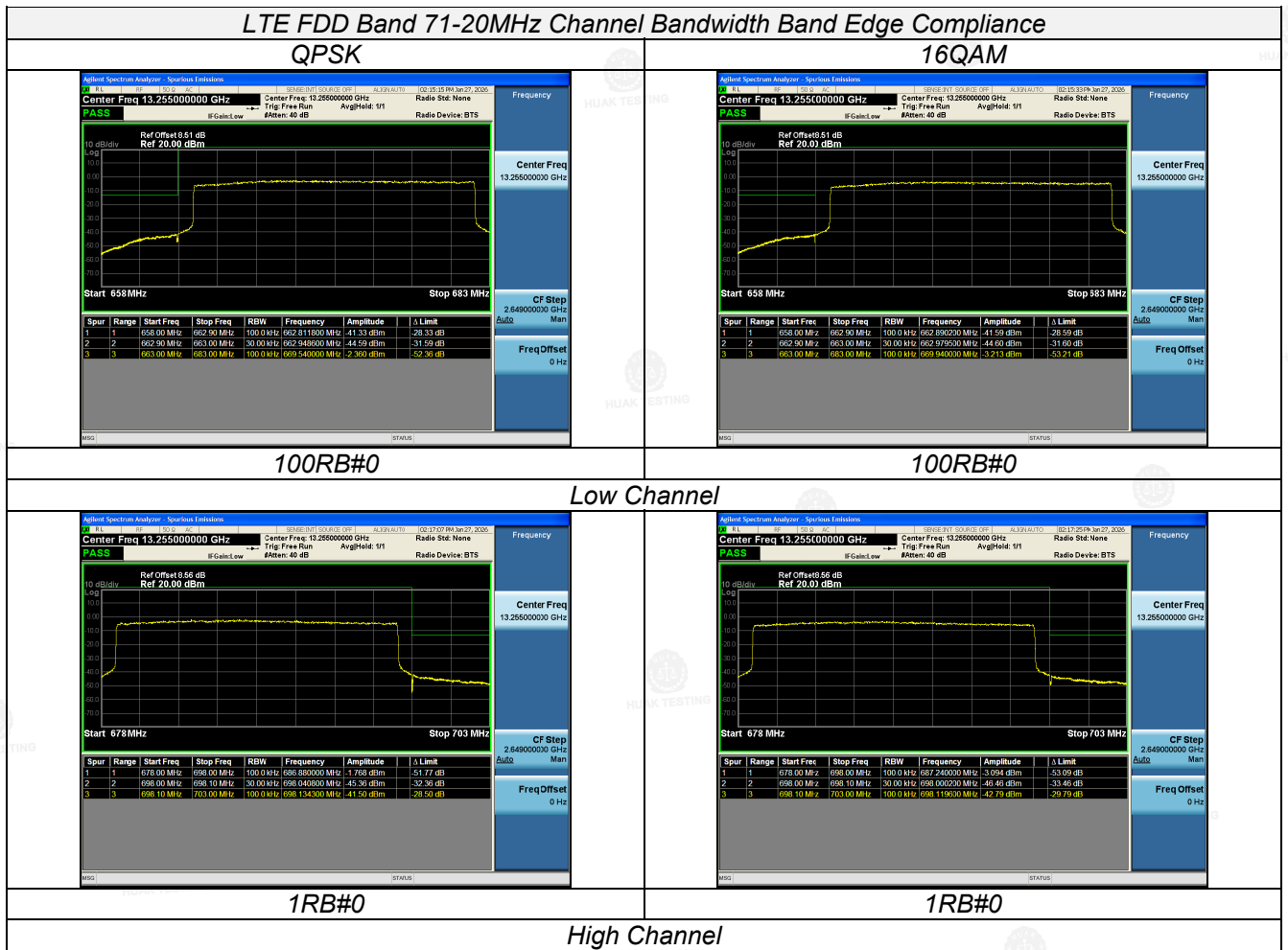




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