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TEST REPORT

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FCC ID: 2ADYY-T15RA-1 Product: Laptop Computer W5CT Model No.: T15RA W5CT Trade Mark: TECNO Report No.: WSCT-ANAB-R&E240800043A-15B Issued Date: 12 October 2024 CT

TECNO MOBILE LIMITED FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI WSCT STREET FOTAN NT HONGKONG WSC

Issued for: ET

World Standardization Certification & Testing Group(Shenzhen) Co.,Ltd. Building A-B,Baoli'an Industrial Park,No.58 and 60,Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China 5 C TEL: +86-755-26996192

Issued By:

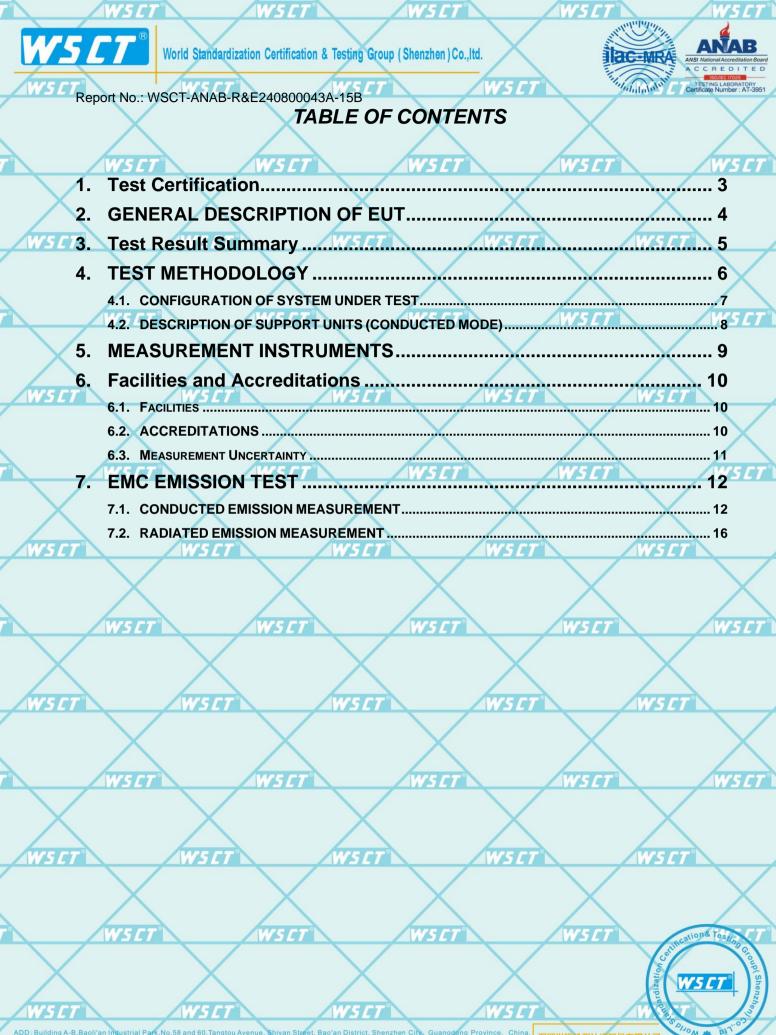
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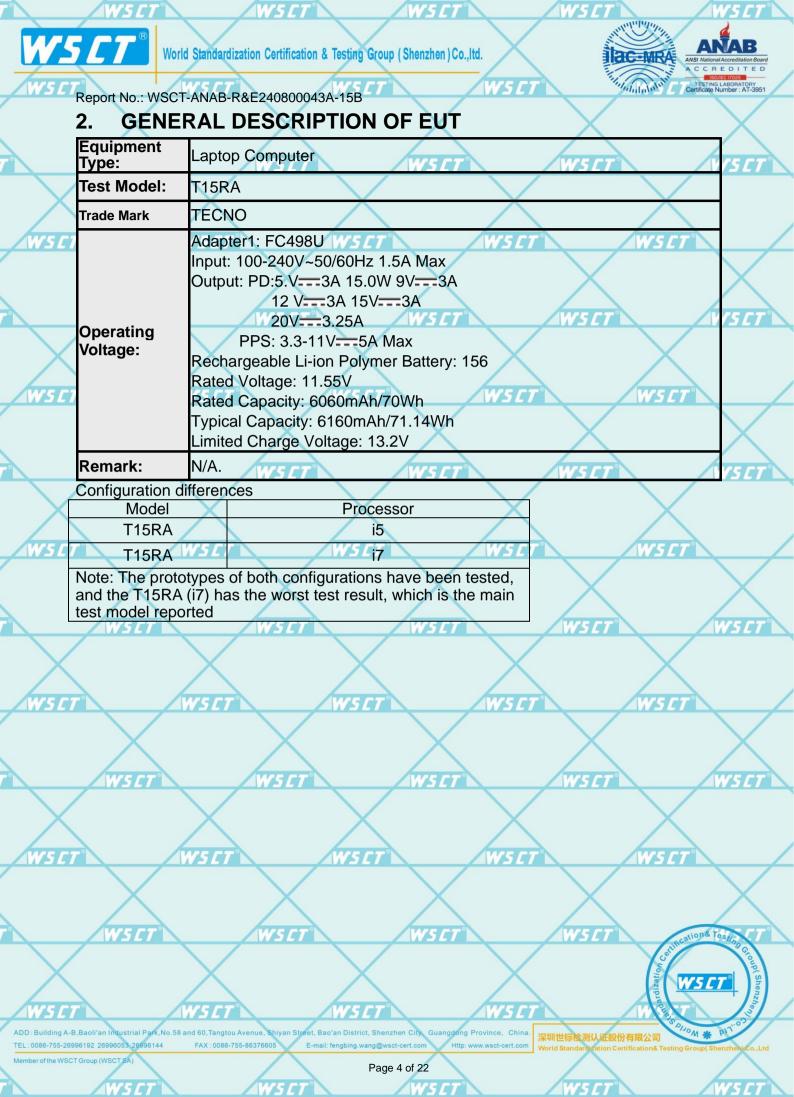
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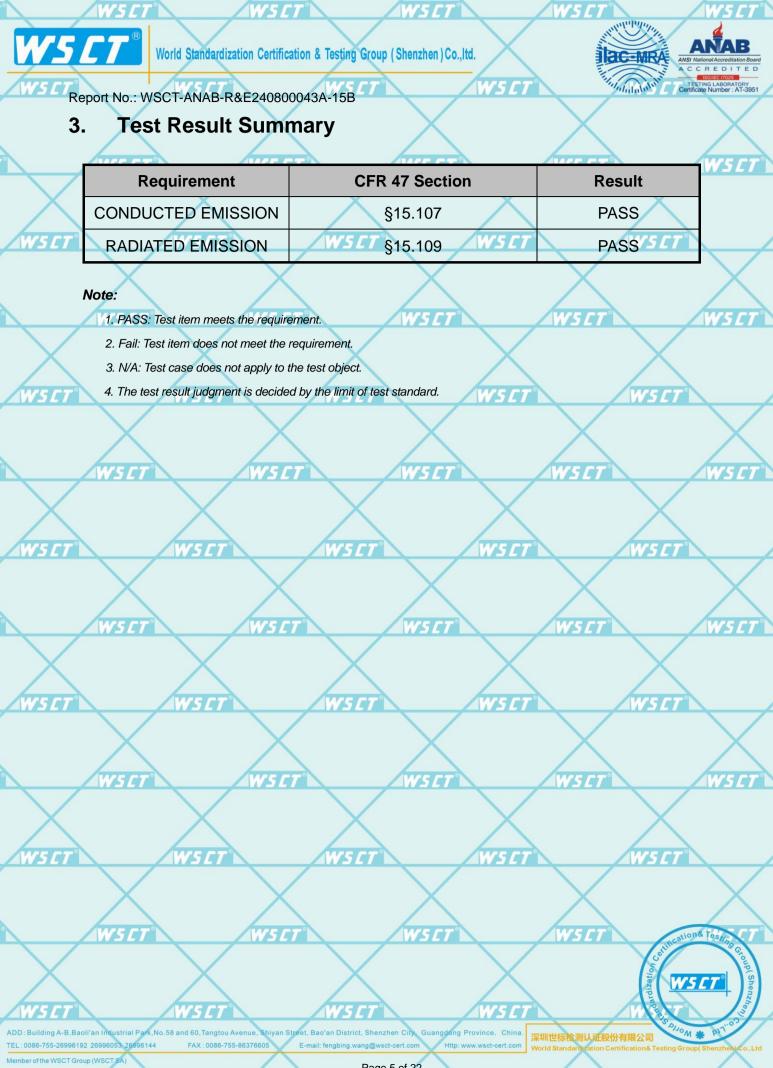
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W5CTR	eport No.: WS0	T-ANAB-R&E240800043A-15B
1	I. Test C	Certification
	Product:	Laptop Computer
	Model No.:	T15RA
X	Trade Marl	: TECNO
WSET	Applicant:	WE TECNO MOBILE LIMITED WSLT WSLT
	Address:	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
	Manufactu	
WSET	Address:	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
	Date of Tes	st: 20 September 2024 to 12 October 2024
	Applicable Standards	FCC CFR Title 47 Part 15 Subpart B
17	The above	equipment has been tested by World Standardization Certification & Testing

Group(Shenzhen) Co., Ltd. and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

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Tested	By: Jiang Gua	nliang Guanliang)	Checked By:	(Chen Xu)	& Testing
W5C Approved	By: Li Hua	ibi)	WSCT Date: /	2 October 200	WSET WS WS WS
W5L	$\langle \rangle$	5.57	WSET	WSET	WSET
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ADD : Building A-B, Baoli'an Industrial TEL : 0086-755-26996192 26996053 26 Member of the WSCT Group (WSCT SA)	Park,No.58 and 60,Tanglou Avenue, Sh 996144 FAX : 0086-755-86376605		cert.com Http://www.wsct-cert.com		





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TEST METHODOLOGY 4.

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

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/	Pretest Mode	Description	
75	Mode 1	Video Recording	WSET
	Model 2	Video Playing	/
	Mode 3	Transferring with USB Disk (the worst case)	
	Mode 4	TF Card Playing	\rightarrow

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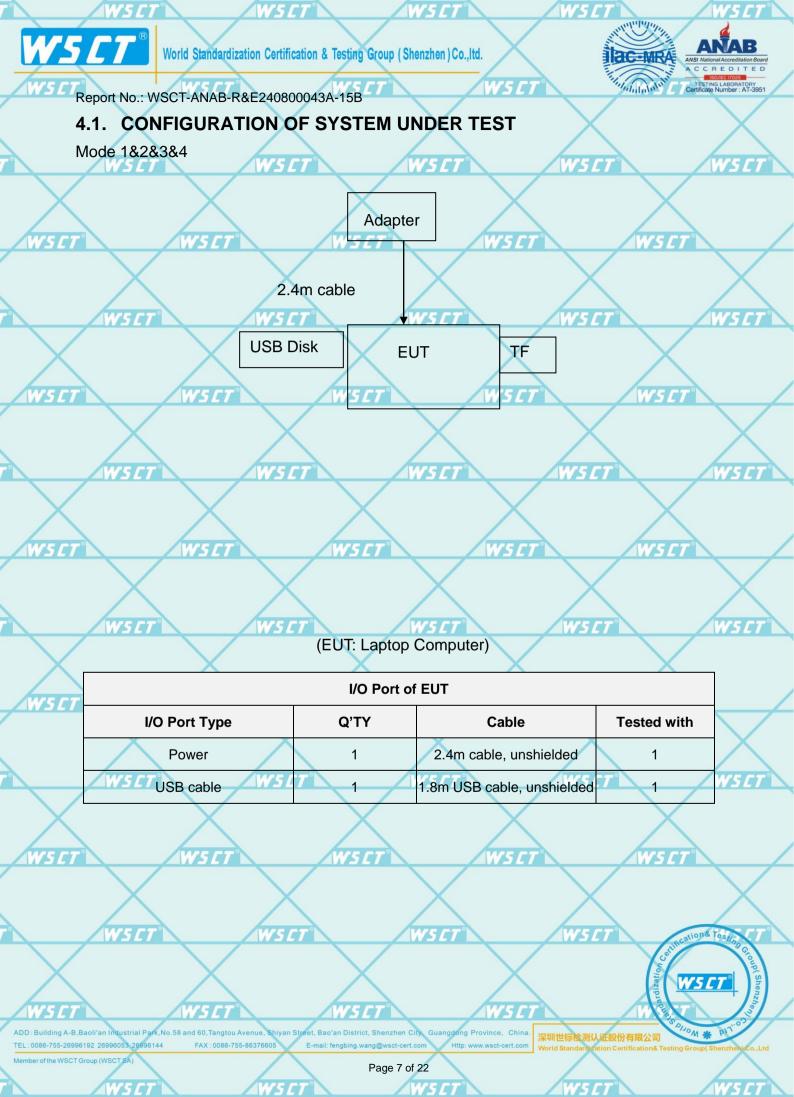
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4.2. DESCRIPTION OF SUPPORT UNITS (CONDUCTED MODE)

The EUT has been tested as an independent unit together with other necessary ^{W5_C7} accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

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-							_
WSC1	ltem	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note	
	1	TF	Kingston	DTX/64GB		/	
	2	Adapter		FC498U	1	/	
	3	USB Disk	Kingston	VSLT	ZWSET	- / -/	W5

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Note: (1)

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The support equipment was authorized by Declaration of Confirmation. For detachable type I/O cable should be specified the length in cm in ^rLength_a column.

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5. MEASUREMENT INSTRUMENTS

						/	
	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibrated	Calibrated until	ET
	Test software		EZ-EMC	CON-03A		_	
	ESCI Test Receiver	R&S	ESCI	100005	11/05/2023	11/04/2024	
W5 L	T LISN W51	7 AFJ W	5 <i>CT</i> LS16	16010222119	11/05/2023	11/04/2024	/
	LISN(EUT)	Mastic	AN3016	04/10040	11/05/2023	11/04/2024	
	pre-amplifier	CDSI	PAP-1G18-38		11/05/2023	11/04/2024	\frown
	System Controller	WCT7	SC1005 [7	<u> </u>	11/05/2023	11/04/2024	ET
	Bi-log Antenna	Chase	CBL6111C	2576	11/05/2023	11/04/2024	
	Spectrum analyzer	R&S	FSU26	200409	11/05/2023	11/04/2024	
W5L	Horn Antenna W51	SCHWARZBECK	5 <i>CT</i> 9120D	w1141 7	11/05/2023	11/04/2024	
	Bi-log Antenna	SCHWARZBECK	VULB9168	01488	11/05/2023	11/04/2024	
	Pre Amplifier	H.P.	HP8447E	2945A02715	11/05/2023	11/04/2024	
	9*6*6 Anechoic	WSET	WSET	- /	11/05/2023	11/04/2024	5 <i>CT</i> °

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Facilities and Accreditations

6.1. Facilities

All measurement facilities used to collect the measurement data are located at **World Standardization Certification & Testing Group (Shenzhen) Co., Ltd.**

Building A-B, Baoli'an Industrial Park, No.58 and 60, Tangtou Avenue, Shiyan Street,

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Bao'an District, Shenzhen City, Guangdong Province, China

The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR Publication 32. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

6.2. ACCREDITATIONS

ANAB - Certificate Number: AT-3951

The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (ANAB).Certification Number: AT-3951





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6.3. Measurement Uncertainty

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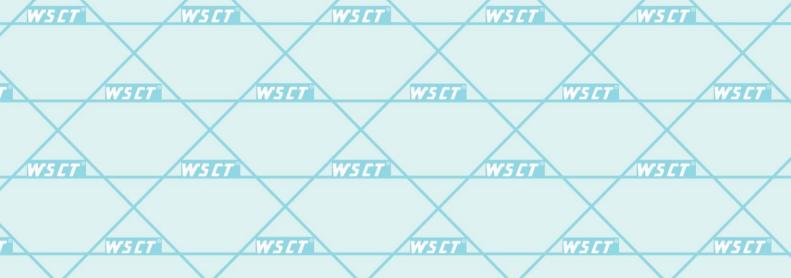
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The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based V5 C i on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

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WSET	No.	Item	MU	
	1	Conducted Emission Test	±3.2dB	\bigtriangledown
	2	RF power, conducted	±0.16dB	\square
	3	Spurious emissions, conducted	±0.21dB	<i>W5LT</i> °N
\times	4	All emissions, radiated(<1GHz)	±4.7dB	
WSET	5	All emissions, radiated(>1GHz)7 W5C7	±4.7dB/5_7	
	6	Temperature	±0.5°C	$\mathbf{\mathbf{\nabla}}$
	7	Humidity	±2.0%	WEFT



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EMC EMISSION TEST

7.1. CONDUCTED EMISSION MEASUREMENT

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7.1.1. POWER LINE CONDUCTED EMISSION LIMITS

- T						
	FREQUENCY (MHz)	Class A	(dBuV)	Class B	(dBuV)	Standard
		Quasi-peak	Average	Quasi-peak	Average	Stanuaru
	0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	FCC
	W 5 0.50 -5.0	73.00	60.00	56.00	46.00	FCC
/	5.0 -30.0	73.00	60.00	60.00	50.00	FCC
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Note:

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- (1) The tighter limit applies at the band edges.
 - (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

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The following table is the setting of the receiver

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\wedge	Receiver Parameters	Setting	
	Attenuation	10 dB	
V 3 L 1	Start Frequency	0.15 MHz	
	Stop Frequency	30 MHz	\sim
	IF Bandwidth	9 kHz	
	WEET' WEET	WEET WEET	WER

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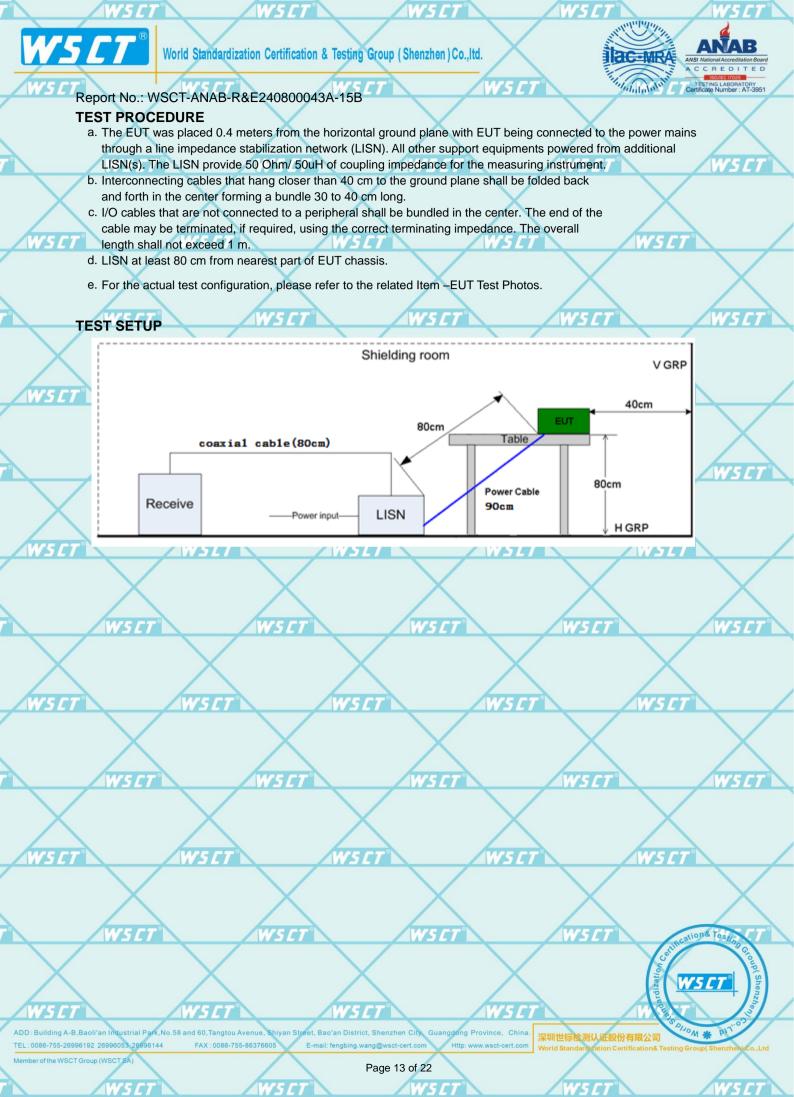
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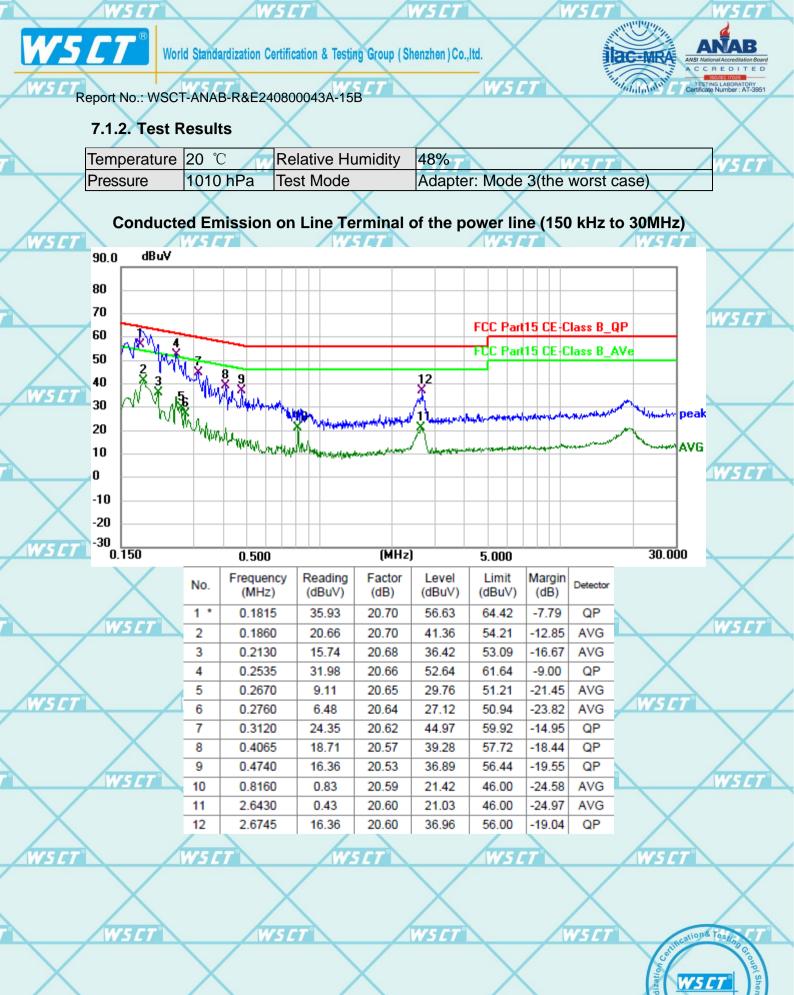
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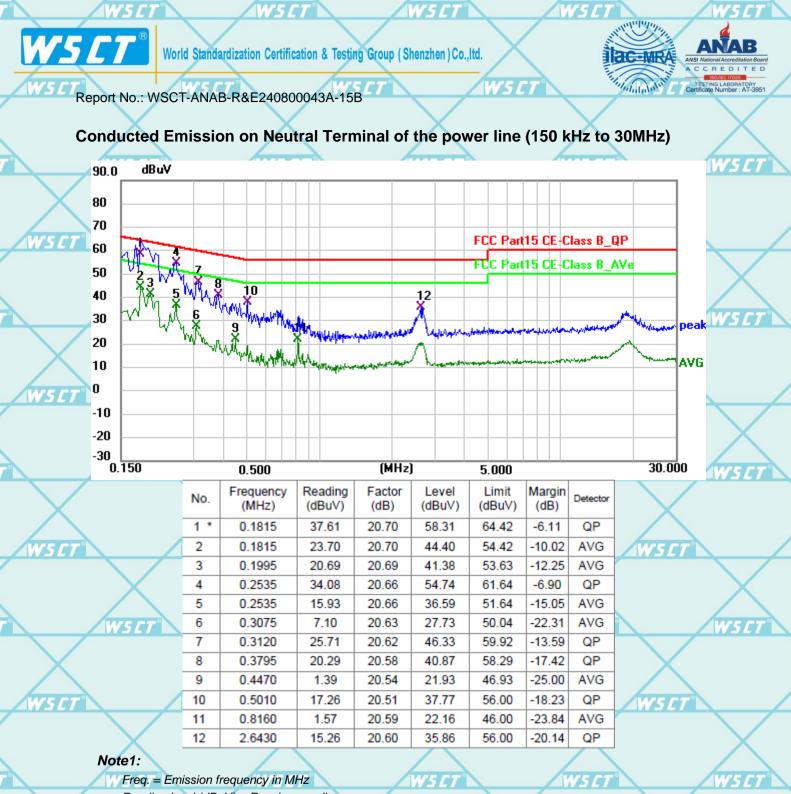
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Reading level $(dB\mu V) = Receiver reading$

Corr. Factor (dB) = LISN factor + Cable loss

Measurement $(dB\mu V) = Reading \ level \ (dB\mu V) + Corr. \ Factor \ (dB)$

Limit ($dB\mu V$) = Limit stated in standard

Margin (dB) = Measurement (dB μ V) – Limits (dB μ V)

Q.P. =Quasi-Peak AVG =average

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* is meaning the worst frequency has been tested in the frequency range 150 kHz to 30MHz.

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7.2. RADIATED EMISSION MEASUREMENT

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7.2.1. Radiated Emission Limits

The field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

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	Frequencies	Field Strength	Measurement Distance
	(MHz)	(micorvolts/meter)	(meters)
	0.009~0.490	2400/F(KHz)	300
	0.490~1.705	24000/F(KHz)	30
2	1.705~30.0	30	30
2	30~88 W5L	100 100	W3L7
	88~216	150	3
	216~960	200	3 🗙
	Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	Limit (dBuV/m) (at 3M)		
	PEAK	AVERAGE	
Above 1000	74	54	

Notes:

(1) The limit for radiated test was performed according to FCC PART 15B.

(2) The tighter limit applies at the band edges.

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(3) Emission level (dBuV/m)=20log Emission level (uV/m).

	Spectrum Parameter	Setting	7
7	Attenuation	Auto	
	Start Frequency	1000 MHz	
	Stop Frequency	10th carrier harmonic	
	RB / VB (emission in restricted band)	5 C71 MHz / 1 MHz for Peak, 1 MHz / 1Hz for Average	
	Dariu)		

Receiver Parameter	Setting	
Attenuation	Auto	
W5 Start ~ Stop Frequency 7	9kHz~150kHz / RB 200Hz for QP	15
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP	
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP	

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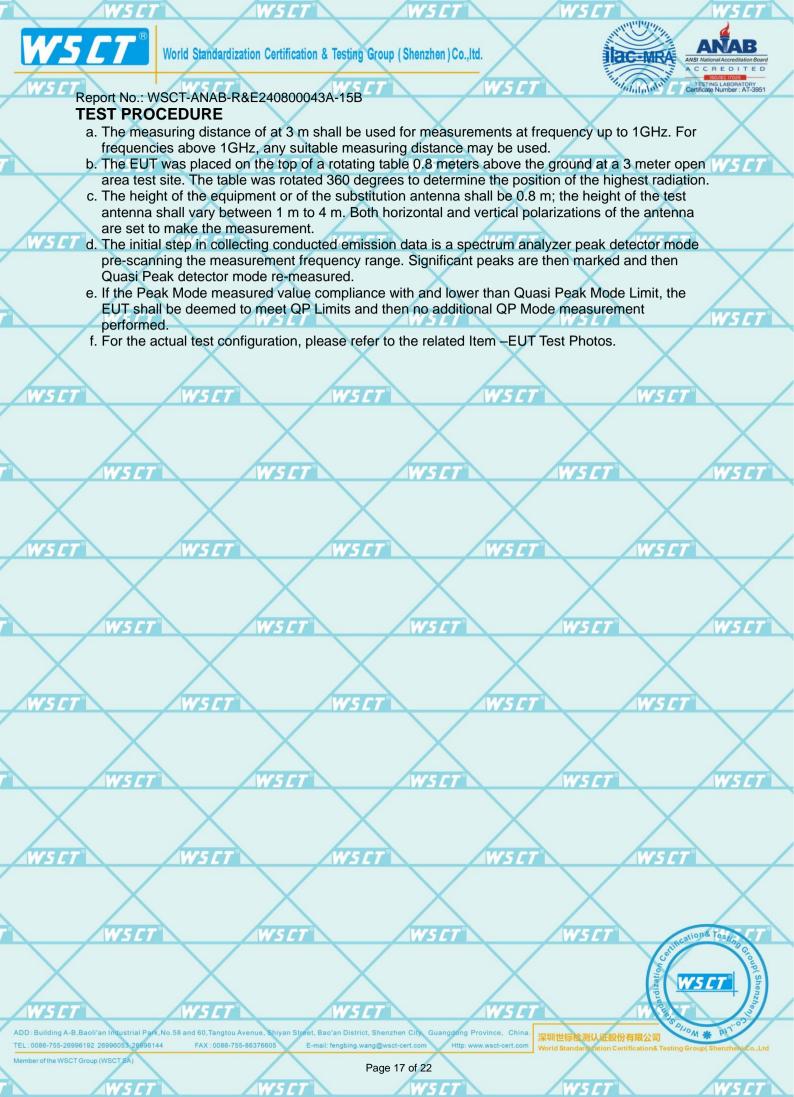
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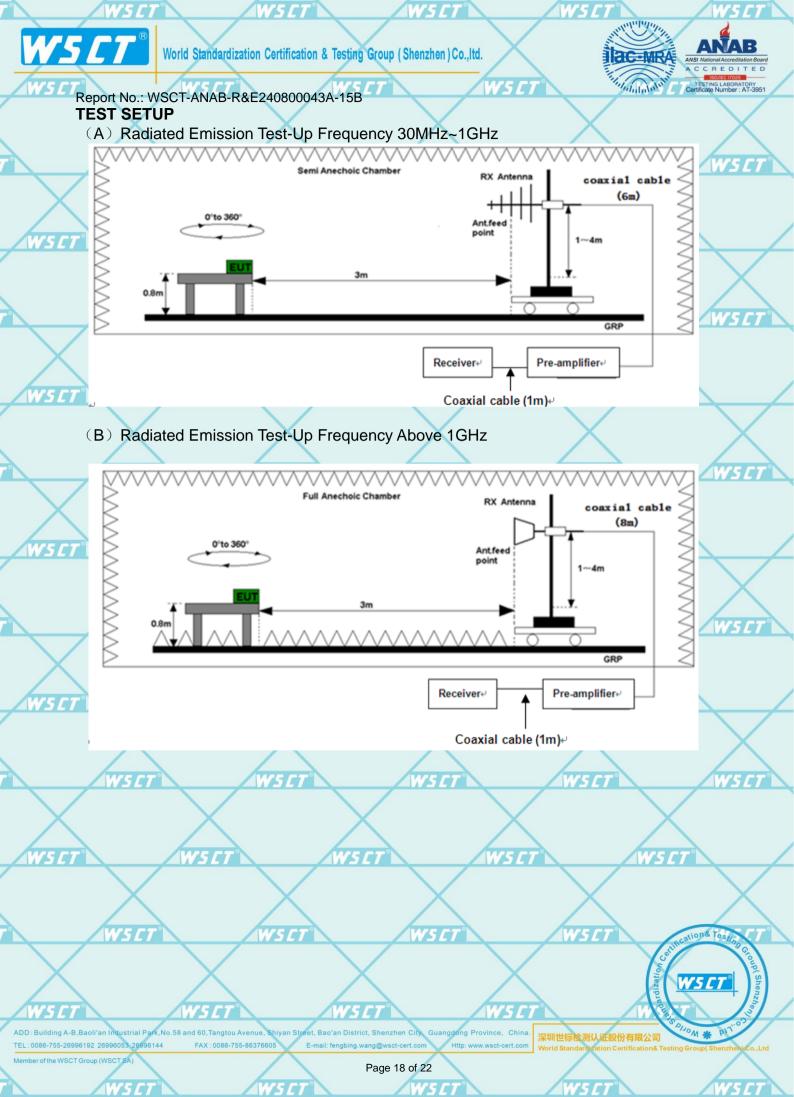
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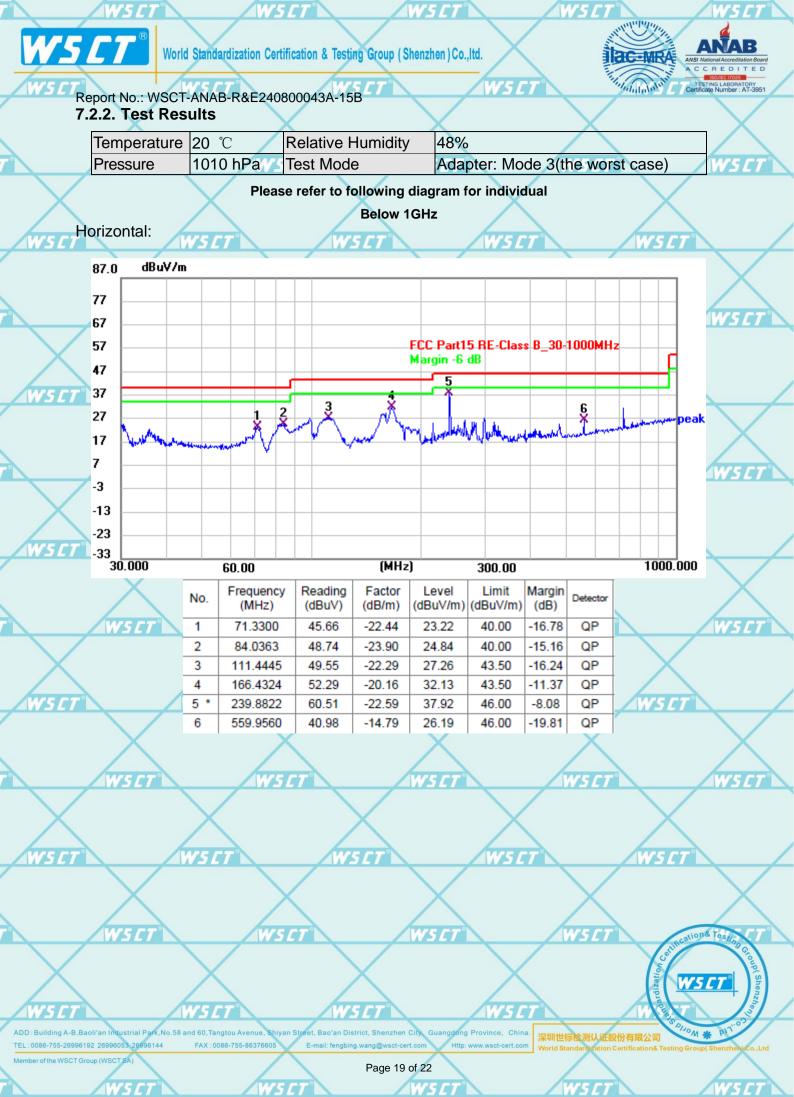
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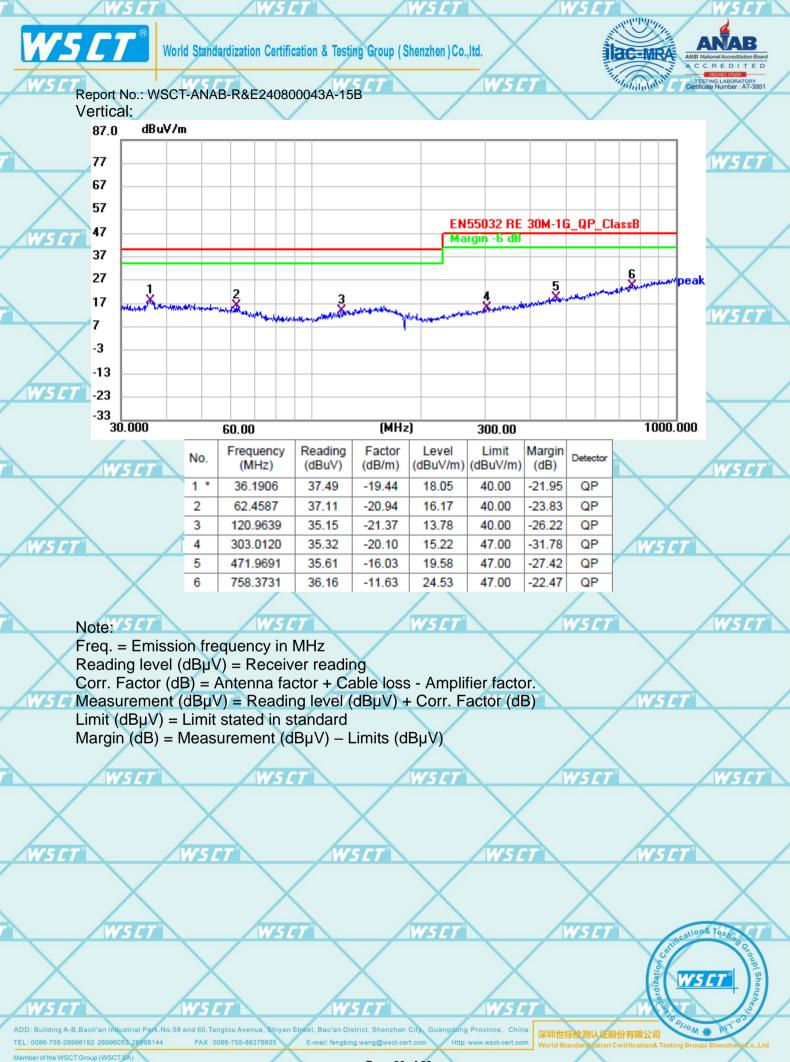
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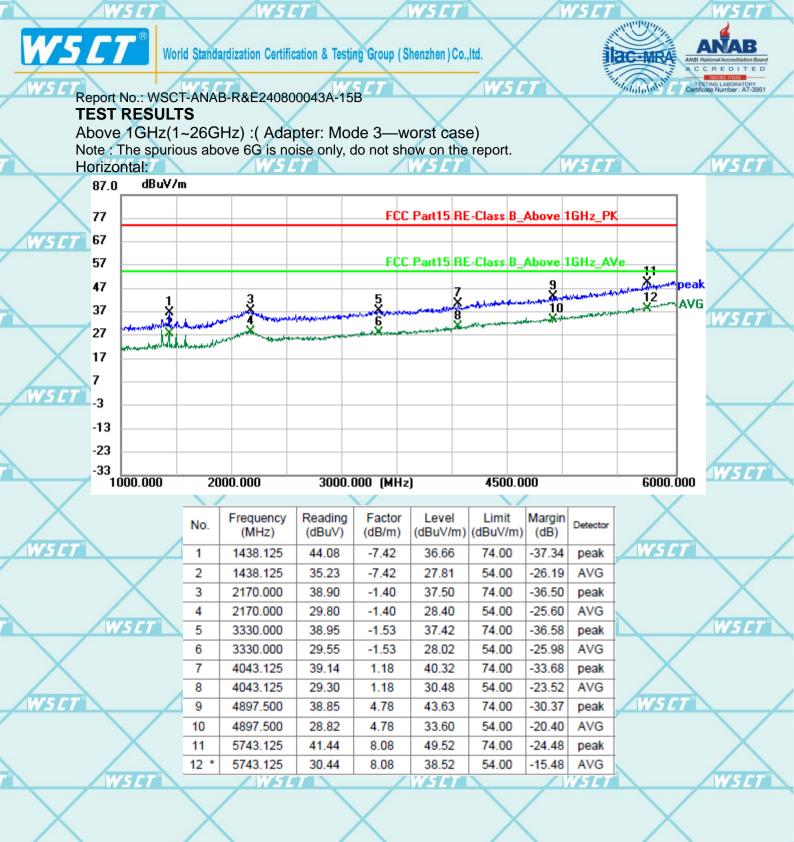




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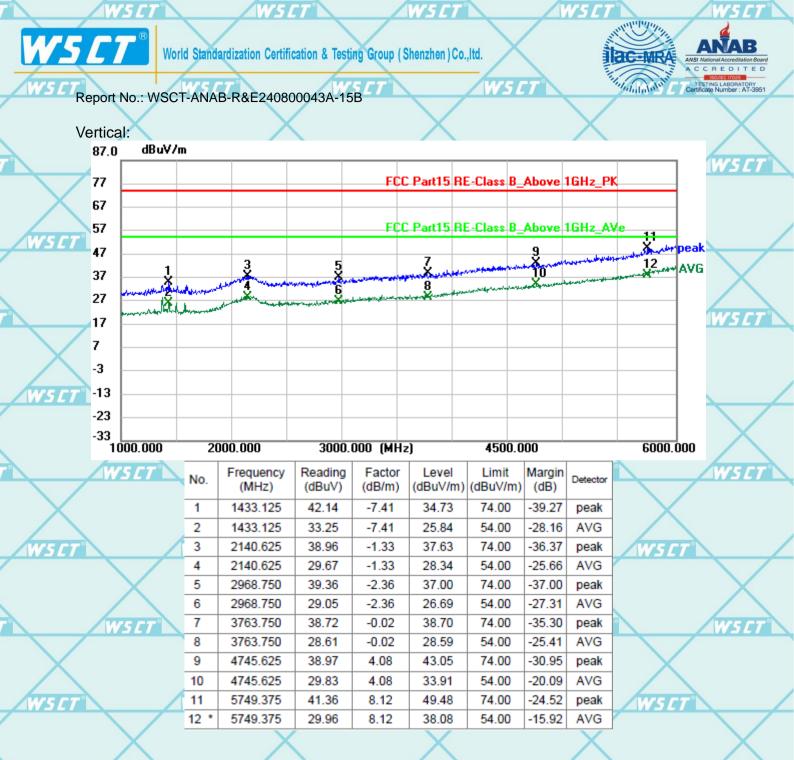
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Remark:

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All emissions not reported were more than 20dB below the specified limit or in the noise floor. All the x/y/z orientation has been investigated, and only worst case is presented in this report.

Please refer to Annex "Set Up Photos-15B" for test setup photos *****END OF REPORT*****

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