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TEST REPORT

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FCC ID: 2ADYY-KM7 Product: Mobile Phone WSCT Model No.: KM77 Trade Mark: TECNO Report No.: WSCT-ANAB-R&E250400030A-WPT Issued Date: 16 May 2025//SCT

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

Issued for:5 [7]

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

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深圳世标检测认证股份有限公司 World Standardization Certification& Testing Group(Shenzhen) Co.,Ltd

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WSC WSC WSE WSC WSC WSE WSF WSF VSET WSC WSC1 District, Shenzhen City, Guangdong Provin ng A-B.Baoli'an Industrial Park.No.58 an hivan Street, Ba ||世标检测认证股份有限公 TEL:0086-755-26996192 26996053 26996144 FAX-0086-755-86376604 Http://www.wect

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Page 2 of 21

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WSET [®]		WSET WSET	WS CT	Testing LABORATORY Certificate Number: AT-3951
Repo	ort No.: WSCT-	-ANAB-R&E250400030A-WPT		
1	. Test (Certification		\wedge
	Product:	Mobile Phone W5 C	T WSCT	wscr
X	Model No.:	KM7	X	X
WSET	Additional Model:	WSLT WSLT	W5CT	WSCT
	Applicant:	TECNO MOBILE LIMITED FLAT N 16/F BLOCK B UNIVERSAL MEI STREET FOTAN NT HONGKOM	- INDUSTRIAL CENTRE	19-25 SHAN
	WSET	TECNO MOBILE LIMITED	7 W5C1	WS CT
X	Manufactu	rer: FLAT N 16/F BLOCK B UNIVERSAL MEI STREET FOTAN NT HONGKOM	- INDUSTRIAL CENTRE	E 19-25 SHAN
WSET	Date of Tes	st: 09 April 2025 to 16 May 2025	W5CT	WSCT
	Applicable Standards	FCC CFR Title 47 Part 15 Subpart C ANSI C63.10-2014	$ \times $	

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. *V 5 C* 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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Approved By:	(Qin Shuiquan)	Date:	16 May 202	WSET
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ADD: Building A-B. Baoli'an Industrial Park. No. 6	W5CT W	5 C 7 W		USCT Show Philos
TEL: 0086-755-26996192 26996053 26996144 Member of the WSCT Group (WSCT SA)	FAX : 0086-755-86376605 E-mail: fengbit	ng wang@wsct-cert.com Http://www.wsct- Page 3 of 22	-cert.com World Standardization Certification8	Testing Group(Shenzhen) Co.,Ltd



Page 4 of 21

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4.2. 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.

Equipment	Model No.	Serial No.	FCC ID	Trade Name	
Phone	VSET WSET		VSET	TECNO 7	

Note:

 1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.

 2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended set in the manufacturer's requirements and conditions for the intended set.

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3. For conducted measurements (Output Power, 20dB Occupied Bandwidth, Carrier Frequencies Separation, Hopping Channel Number, Dwell Time, Spurious Emissions), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.

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Report No.: WSCT-ANAB-R&E250400030A-WPT

5. Facilities and Accreditations

5.1.Facilities

All measurement facilities used to collect the measurement data are located at Building A-B,Baoli'an Industrial Park,No.58 and 60,Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China of the World Standardization Certification & Testing Group (Shenzhen) Co., Ltd.

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The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR Publication 22. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

5.2. ACCREDITATIONS ANAB - Certificate Number: AT-3951

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





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Report No.: WSCT-ANAB-R&E250400030A-WPT

5.3. Measurement Uncertainty

	No.	Item	MU	SLI
\times	1	AC Power Line Conducted Emission	±3.2dB	
V5 [2	20 dB Emission Bandwidth WSCT WSCT	±2.4% [7	
	3	All emissions, radiated(<1GHz)	9 kHz-30 MHz:±3.2dB, 30 MHz-1 GHz:±3.3dB	\times
	4	All emissions, radiated(>1GHz)	±4.7dB	5 <i>CT</i>
$\overline{}$	5	Temperature	±0.5°C	
\wedge	6	Humidity	±2.0%	

NOTE:1.The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

2. The Ulab is less than Ucispr, compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.

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3. For conducted emission test of laboratory have a measurement uncertainty greater than that specified in harmonized standard, this equipment can still be used provided that an

adjustment is made follows : any additionan uncertaimty in the test system over and

above that specified in harmonized standard should be used to tighter the test requirements-making the test harder to pass. This procedure will ensure that a test system not comliant with harmonized standard does not increase the probability of passing a EUT that would otherwise have failed a test if a test system comliant with harmonized standard had been used.

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Page 8 of 21

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Report No.: WSCT-ANAB-R&E250400030A-WPT

5.4. MEASUREMENT INSTRUMENTS

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	NAME OF EQUIPMENT	MANUFACTURER	MODEL	SERIAL NUMBER	Calibration Date	Calibration Due.	SET
X	Test software	<	EZ-EMC	CON-03A	-	<u>X-</u>	
Γ	Test software		MTS8310	WSFT	-	1517	
	EMI Test Receiver	R&S	ESCI	100005	11/05/2024	11/04/2025	\checkmark
	Coaxial cable	Megalon	LMR400	N/A	11/05/2024	11/04/2025	\wedge
	GPIB cable	Megalon	GPIBW5/	N/A	11/05/2024	11/04/2025	'S C T
/	Pre Amplifier	H.P.	HP8447E	2945A02715	11/05/2024	11/04/2025	
	Pre-Amplifier	CDSI	PAP-1G18-38		11/05/2024	11/04/2025	
[]	Bi-log Antenna	SCHWARZBECK	VULB9168	01488	7/29/2024	7/28/2025	,
	Cable	TIME MICROWAVE	LMR-400	N-TYPE04	11/05/2024	11/04/2025	\checkmark
	System-Controller	ccs	N/A	N/A	N.C.R	N.C.R	\land
_	Turn Table	CCS	N/A <i>W51</i>	7 N/A	N.C.R	N.C.R	'SCT °
	Antenna Tower	ccs	N/A	N/A	N.C.R	N.C.R	
	RF cable	Murata	MXHQ87WA300 0	WSET	11/05/2024	11/04/2025	
	Loop Antenna	EMCO	6502	00042960	11/05/2024	11/04/2025	
	Spectrum Analyzer	Keysight	N9010B	MY60241089	11/05/2024	11/04/2025	\wedge
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Page 9 of 21

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Report No.: WSCT-ANAB-R&E250400030A-WPT

6.2. 20 dB Emission Bandwidth

6.2.1. Test Specification

FCC §15.215

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §15.217 through § 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated. The requirement to contain the designated bandwidth of the emission within the specified frequency band includes the effects from frequency sweeping, frequency hopping and other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage. If a frequency stability is not specified in the regulations, it is recommended that the fundamental emission be kept within at least the central 80% of the permitted band in order to minimize the possibility of out-of band operation.

6.2.2. EUT Setup



6.2.3. Test Procedure

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1. Position the EUT on the test table without connection to measurement instrument. Turn on the EUT.

Then set it to any one convenient frequency within its operating range. Set a reference level on the

measuring instrument equal to the highest peak value.

2. Measure the frequency difference of two frequencies that were attenuated 20 dB from the reference

level. Record the frequency difference as the emission bandwidth.

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3. Measure the 99% Occupied bandwidth use the 99% Occupied bandwidth function of the test

- equipment.

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Page 12 of 21

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Page 16 of 21

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Page 17 of 21



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\sim	0.009			(MHz)		5.00)0	30.000	an
WSET	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	
	1	0.0480	37.53	10.00	47.53	113.76	-66.23	peak	
	2 *	0.1276	55.98	10.00	65.98	105.03	-39.05	peak	
	3	0.4930	16.44	10.00	26.44	73.95	-47.51	peak	
	4	0.9821	18.00	10.00	28.00	68.42	-40.42	peak	1
	5	2.9037	5.42	10.00	15.42	69.50	-54.08	peak	
WSET	6	12.4797	15.48	-1.27	14.21	69.50	-55.29	peak	
									_

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Freq. = Emission frequency in MHz Reading level $(dB\mu V)$ = Receiver reading Corr. Factor (dB) = Antenna factor + Cable loss - Amplifier factor. Measurement $(dB\mu V)$ = Reading level $(dB\mu V)$ + Corr. Factor (dB)Limit $(dB\mu V)$ = Limit stated in standard Margin (dB) = Measurement $(dB\mu V)$ – Limits $(dB\mu V)$

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Page 18 of 21





Freq. = Emission frequency in MHz Reading level (dB μ V) = Receiver reading Corr. Factor (dB) = Antenna factor + Cable loss - Amplifier factor. Measurement (dB μ V) = Reading level (dB μ V) + Corr. Factor (dB) Limit (dB μ V) = Limit stated in standard Margin (dB) = Measurement (dB μ V) - Limits (dB μ V)

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Page 20 of 21

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