





WSET

TEST REPORT

W5 CT

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W5 CT

W5ET

FCC ID: 2ADYY-CM5

Product: Mobile Phone

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W5CT

WSET"

Model No.: CM5

TELL

Trade Mark: TECNO

Report No.: WSCT-ANAB-R&E241100063A-LE

Issued Date: 05 December 2024

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Aug Town

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Issued for:

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TECNO MOBILE LIMITED

FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI
W5 [7] STREET FOTAN NT HONGKONG 7

WSCT

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Issued By:

1777-3-3

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apply to the tested sample.

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深圳世标检测认证股份有限公司
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ADD: Building A-B Baoli	an Industrial Park, No.58 and 60, Tangtou Avenue, Shi	van Street Bac'an District Shenzhen City Gu	anadona Province China	1/10.	* PITO
TEL: 0086-755-26996192	26996053 26996144 FAX: 0086-755-86376605	E-mail: fengbing.wang@wsct-cert.com	深圳巴尔	检测认证股份有限公司 dardization Certification& Testing Grou	

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Report No.: WSCT-ANAB-R&E241100063A-LE

Test Certification

Product: Mobile Phone

WSCT

Model No.:

CM₅

Trade Mark:

TECNO

Applicant:

TECNO MOBILE LIMITED

FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN

MEI STREET FOTAN NT HONGKONG

Manufacturer:

TECNO MOBILE LIMITED

FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN

MEI STREET FOTAN NT HONGKONG

Date of receipt:

29 September 2024

Date of Test:

29 September 2024 to 04 December 2024

Applicable Standards: FCC CFR Title 47 Part 15 Subpart C Section 15.247

KDB 558074 D01 DTS Meas Guidance v04

The above equipment has been tested by World Standardization Certification & 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/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Tested By:

Checked By:

W5CT

(Qin Shuiquan)

Approved By:

(Wang Xiang)

W5 CT Date: 05

(Li Huaibi)

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Test Result Summary 2.

	ATTENDED TO THE PARTY OF THE PA		ATTION OF THE PARTY OF THE PART	MACE ET
/	Requirement	CFR 47 Section	Result	W5CT"
	Antenna requirement	§15.203/§15.247 (c)	PASS	
7 °	AC Power Line Conducted Emission	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	PASS PASS	
_	Maximum conducted output power ws L	§15.247 (b)(3) §2.1046	W5 PASS	W5 CT
	6dB Emission Bandwidth	§15.247 (a)(2) §2.1049	PASS	
/	Power Spectral Density	§15.247 (e)	PASS	
	Band Edge W5 L	1§5.247(d) §2.1051, §2.1057	PASS W5 CT	W5 ET
	Spurious Emission	§15.205/§15.209 §2.1053, §2.1057	PASS	
	Note:	WSI	WSG	

- 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.

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3. EUT Description

	Product Name:	Mobile Phone W5CT W5CT	V5 ET
\times	Model:	CM5	
	Trade Mark:	TECNO	
W5 C7	Software version:	CM5-H8918	$\overline{}$
	Hardware version:	V1.2	X
	Operation Frequency:	1M/2M:2402MHz~2480MHz	VS CT
	Channel Separation:	2MHz	
	Number of Channel:	40	
W5 C7	Modulation Technology:	GFSK WS CT WS CT WS CT	/
	Antenna Type:	PIFA Antenna	X
	Antenna Gain:	-4.12dBi W5.CT W5.CT	V5 CT
WSET	Operating Voltage:	Adapter: U450TSB Input: 100-240V~50/60Hz 1.8A Output: 5.0V3.0A 15.0W or 5.0V-10.0V4.5A or 11.0V4.1A 45.0W MAX Rechargeable Li-ion Polymer Battery Model: BL-54AT Rated Voltage: 3.91V Rated Capacity: 5100mAh Nominal Energy:19.95Wh Typical Capacity: 5200mAh Limited Charge Voltage: 4.50V	VSET
X	Remark:	N/A.	

Note: 1. N/A stands for no applicable.

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2. The antenna gain is provided by the customer. For any reported data issues caused by the antenna gain, World Standardization Certification&Testing Group (Shenzhen) Co., Ltd assumes no responsibility.

3. The laboratory shall be responsible for all information in the report, except for the information provided by the client. The data provided by the client should be clearly identified. In addition, when the information provided by the client may affect the validity of the results, a disclaimer should be included in the report. When the laboratory is not responsible for sampling (such as when the sample is provided by the customer), the results should be declared in the report as applicable to the received sample.

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Operation Frequency each of channel

					_			
_	Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
	0	2402MHz	10	2422MHz	20	2442MHz	30	2462MHz
	1	2404MHz	11	2424MHz	21	2444MHz	31	2464MHz
		WSCT		WELT		WSTT		W45 CT
	8	2418MHz	18	2438MHz	28	2458MHz	38	2478MHz
	9	2420MHz	19	2440MHz	29	2460MHz	39	2480MHz
	Remark: Channel 0, 19 & 39 have been tested.							

WSET WSET WSET WSET WSET

	WSCT	WS ET	W5 CT	W5 L	7 W	ET
WSCT WSCT WSCT WSCT WSCT		WS CT"	W5 ET	WSCT	W5CT"	WSCT

W5 CT	W5 ET	W5 ET"	W5 ET	WSET

_	WSET	WSET	WSET	WSLT	AWSET

August 1990				
WSET"	W5ET	WS ET	WS CT	W5 CT 🔼

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W5CT"		WSCT	WSCT	

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4. Genera Information

4.1. Test environment and mode

	Operating Environment:		
/	Temperature:	25.0 °C	
9	Humidity:	56 % RH	$\overline{}$
	Atmospheric Pressure:	1010 mbar	X
	Test Mode:		W5 L
	Engineering mode:	Keep the EUT in continuous transmitting	
		by select channel and modulations(The value of duty cycle is 98.46%) with	
0	WS CT WS CT	Fully-charged battery. W5 [7]	

The sample was placed (0.1m below 1GHz, 1.5m above 1GHz) above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages.

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.

0	Equipment	Model No.	Serial No.	FCC ID	Trade Name
		\times	\times	1	/

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 use.
- 3. For conducted measurements (Output Power, 6dB Emission Bandwidth, Power Spectral Density, 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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5. Facilities and Accreditations

5.1. Facilities

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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.

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

WS 17 The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (ANAB). Certification Number: AT-3951

W.S	ET W	SET WS	ET W	SET	WS ET
WSET	WSET	WSET	WSET	WSET	
	$\langle \hspace{0.1cm} \rangle$	$\langle \ \ \ \ \rangle$	$\langle \ \ \rangle$		WSCT
WSCT	WSET	WSET	WSCT	WSET	
	W.	SET WS	W	567	WSCT
WSCT	WSET	WSCT	WSCT	WSET	
	$\langle \hspace{0.1cm} \rangle$	$\langle \hspace{0.1cm} \rangle$	$\langle \hspace{0.1cm} \rangle$	\times	esup
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5.3. Measurement Uncertainty

	/			
	No.	Item	MU	W5C
X	1	Power Spectral Density	±3.2dB	
W5ET	2	Duty Cycle and Tx-Sequence and Tx-Gap W5 [7]	±1% W5 [7]	
	3	Medium Utilisation Factor	±1.3%	\times
	4	Occupied Channel Bandwidth	±2.4%	West
$\overline{}$	5	Transmitter Unwanted Emission in the out-of Band	±1.3%	1813
X	6	Transmitter Unwanted Emissions in the Spurious Domain	±2.5%	
W5ET"	7	Receiver Spurious Emissions [7] W5 [7]	±2.5%V5	
	8	Conducted Emission Test	±3.2dB	\times
	9	RF power, conducted	±0.16dB	W5C
$\overline{}$	10	Spurious emissions, conducted	±0.21dB	
	11	All emissions, radiated(<1GHz)	±4.7dB	
W5CT°	12	All emissions, radiated(>1GHz)	±4.7dB/5/7	
	13	Temperature	±0.5°C	X
	14	Humidity WS CT WS CT	±2.0%	W5C

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.
- 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 uncertainty 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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5.4.MEASUREMENT INSTRUMENTS

	J.T. WILAGUILL	ILIAI IIASTIKON	ILITIO				\wedge
	NAME OF EQUIPMENT	MANUFACTURER	MODEL	SERIAL NUMBER	Calibration Date	Calibration Due.	'5 L
\langle	Test software		EZ-EMC	CON-03A	-	Χ-	
	Test software		MTS8310	WSTT	- /	VS CT	
_	EMI Test Receiver	R&S	ESCI	100005	11/04/2024	11/03/2025	
	LISN	AFJ	LS16	16010222119	11/04/2024	11/03/2025	X
	LISN(EUT)	Mestec	AN3016	04/10040	11/04/2024	11/03/2025	75 E
	Universal Radio Communication Tester	R&S	CMU 200	1100.0008.02	11/04/2024	11/03/2025	
5	Coaxial cable	Megalon	LMR400	N/A	11/04/2024	11/03/2025	
	GPIB cable	Megalon	GPIB	N/A	11/04/2024	11/03/2025	
	Spectrum Analyzer	R&S	FSU	100114	11/04/2024	11/03/2025	
	Pre Amplifier	IH.P.CT	HP8447E 5 /	2945A02715	11/04/2024	11/03/2025	15 L
	Pre-Amplifier	CDSI	PAP-1G18-38		11/04/2024	11/03/2025	
\	Bi-log Antenna	SCHWARZBECK	VULB9168	01488	7/29/2024	7/28/2025	
5	9*6*6 Anechoic	ET V	YSCT -	W.S CT	11/04/2024	11/03/2025	
	Horn Antenna	COMPLIANCE ENGINEERING	CE18000		11/04/2024	11/03/2025	×
	Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-631	11/04/2024	11/03/2025	CE 1
	Cable	TIME MICROWAVE	LMR-400	N-TYPE04	11/04/2024	11/03/2025	
\langle	System-Controller	ccs	N/A	N/A	N.C.R	N.C.R	
	Turn Table	ccs	N/A	N/A	N.C.R	N.C.R	
	Antenna Tower	ccs	N/A	N/A	N.C.R	N.C.R	
	RF cable	Murata	MXHQ87WA300 0	-	11/04/2024	11/03/2025	X
	Loop Antenna	EMCO	6502W5L	00042960	11/04/2024	11/03/2025	15 L
1	Horn Antenna	SCHWARZBECK	BBHA 9170	1123	11/04/2024	11/03/2025	
1	Power meter	Anritsu	ML2487A	6K00003613	11/04/2024	11/03/2025	
4	Power sensor	Anritsu	MX248XD	WSET	11/04/2024	11/03/2025	
	Spectrum Analyzer	Keysight	N9010B	MY60241089	11/04/2024	11/03/2025	X

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Test Results and Measurement Data 6.

6.1. Antenna requirement

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Standard requirement:

FCC Part15 C Section 15.203 /247(c)

15.203 requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

15.247(c) (1)(i) requirement:

(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

E.U.T Antenna:

The Bluetooth antenna is a PIFA Antenna. it meets the standards, and the best case gain of the antenna is -4.12dBi.







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6.2. Conducted Emission

6.2.1 Test Specification

	6.2.1. Test Specification	THE THE THE TENT OF THE TENT O	
X	Test Requirement:	FCC Part15 C Section 15.207	
WSET	Test Method:	ANSI C63.10:2014 W5 [T] W5 [T]	
	Frequency Range:	150 kHz to 30 MHz	\times
	Receiver setup:	RBW=9 kHz, VBW=30 kHz, Sweep time=auto	
WSET	Limits:	Frequency range (MHz) Limit (dBuV) 0.15-0.5 66 to 56* 56 to 46* 0.5-5 56 46 5-30 60 50	WS ET
	X	Reference Plane	X
	WSET WSE	40cm 10cm LISN	W5ET
WSCT	Test Setup: WSCT WSC	E.U.T Adapter Test table/Insulation plane Remark E.U.T. Equipment Under Test LISN: Line Impedence Stabilization Network	WSET
$\overline{}$	Test Mode:	Test table height=0.8m Charging + Transmitting Mode	
WSET	WSET	1. The E.U.T is connected to an adapter through a line impedance stabilization network (L.I.S.N.). This	
	WSET WSE	provides a 50ohm/50uH coupling impedance for the measuring equipment.2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH	
WSET	Test Procedure:	coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum	
	W.5 ET	conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2014 on conducted measurement.	Testio
X	Test Result:	N/A	S Group (S



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EUT OPERATING CONDITIONS 6.2.2.

The EUT is working in the Normal link mode. All modes have been tested and normal link mode is W.5. worst.

Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

	WSET	WSET	WSET	WSET	WSCT
W	\times	\times	SET WS		5.07
	WSET	WSET	WSET	WSET	WSCT
W	\times	\times	SET		5.07
	WSCT	WSGT	WSET	WSCT	WSET
W	\times	\times	SET WS		SET
	WSET	WSCT	WSET	WSET	WSCT
W	\times	\times	SET WS		SET°
	WSCT	WSET	W5 ET	\times	\times
W	\times	\times	SET WS	odization	
ADD: Bu TEL: 008		and 60, Tangtou Avenue, Shiyan Street, Bao'an D	District, Shenzhen City, Guangdong Province, Cing.wang@wsct-cert.com Page 13 of 54	hina. 深圳世标检测认证股份有限公司	Testing Group(Shenzhen) Co.,Ltd



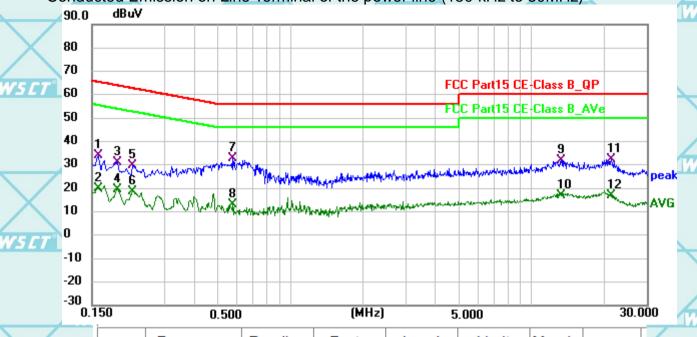


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W5CT°

Test data

Conducted Emission on Line Terminal of the power line (150 kHz to 30MHz)



		0.000	•	` '	-				
	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	
	1	0.1590	13.34	20.72	34.06	65.52	-31.46	QP	
	2	0.1590	-0.69	20.72	20.03	55.52	-35.49	AVG	
	3	0.1905	10.25	20.70	30.95	64.01	-33.06	QP	X
	4	0.1905	-1.15	20.70	19.55	54.01	-34.46	AVG	Aug .
	5	0.2220	9.12	20.68	29.80	62.74	-32.94	QP	- W5L
	6	0.2220	-2.20	20.68	18.48	52.74	-34.26	AVG	
	7 *	0.5775	12.24	20.52	32.76	56.00	-23.24	QP	
	8	0.5775	-7.64	20.52	12.88	46.00	-33.12	AVG	7
	9	13.2720	11.57	20.27	31.84	60.00	-28.16	QP	
	10	13.2720	-3.14	20.27	17.13	50.00	-32.87	AVG	
7	11	21.4125	11.98	20.36	32.34	60.00	-27.66	QP	W5 L
	12	21.4125	-3.39	20.36	16.97	50.00	-33.03	AVG	

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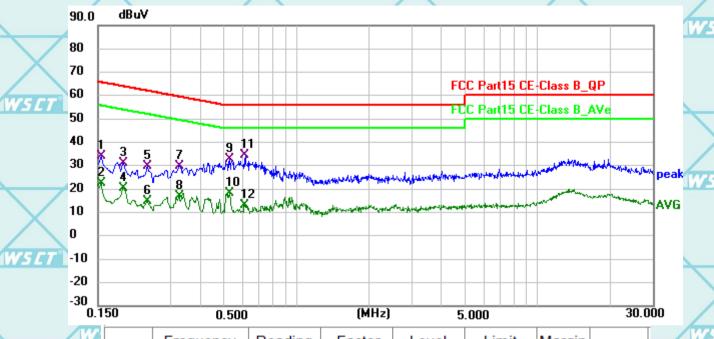
DD: Building A-B,Baoil'an Industrial Park, No.58 and 60, Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, Ch L: 0086-755-26996192 26996053 26996144 FAX: 0086-755-86376605 E-mail: fengbing.wang@wsct-cert.com Http://www.wsct-cert.com





Report No.: WSCT-ANAB-R&E241100063A-LE

Conducted Emission on Neutral Terminal of the power line (150 kHz to 30MHz)



2	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	/
	1	0.1545	13.40	20.73	34.13	65.75	-31.62	QP	
	2	0.1545	1.56	20.73	22.29	55.75	-33.46	AVG	7
	3	0.1905	10.54	20.70	31.24	64.01	-32.77	QP	
	4	0.1905	-0.43	20.70	20.27	54.01	-33.74	AVG	
,	5	0.2400	9.08	20.67	29.75	62.10	-32.35	QP	
	6	0.2400	-5.72	20.67	14.95	52.10	-37.15	AVG	
	7	0.3255	9.27	20.61	29.88	59.57	-29.69	QP	
	8	0.3255	-3.88	20.61	16.73	49.57	-32.84	AVG	
	9	0.5280	12.17	20.51	32.68	56.00	-23.32	QP	
	10	0.5280	-2.24	20.51	18.27	46.00	-27.73	AVG	
	11 *	0.6134	14.13	20.53	34.66	56.00	-21.34	QP	
#	12	0.6134	-7.54	20.53	12.99	46.00	-33.01	AVG	/

Note1:

Freq. = Emission frequency in MHz

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 (dBµV) = Limit stated in standard

 $Margin (dB) = Measurement (dB\mu V) - Limits (dB\mu V)$

Q.P. =Quasi-Peak AVG =average

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

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7

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Report No.: WSCT-ANAB-R&E241100063A-LE

6.3. Conducted Output Power

6.3.1. Test Specification 5.77

	C.C.T. Test opcomount		
X	Test Requirement:	FCC Part15 C Section 15.247 (b)(3)	
WSET	Test Method:	KDB558074 W5 [T] W5 [T]	
	Limit:	30dBm	\mathbf{X}
	Test Setup:		WSET
X		Spectrum Analyzer EUT	
WSET	Test Mode:	Refer to item 4.1	
		 The testing follows the Measurement Procedure of FCC KDB No. 558074 DTS D01 Meas. Guidance v04. Set spectrum analyzer as following: 5 7 	WSLT
WSET	Test Method: Limit: Test Setup: Test Mode: Test Procedure: Test Result:	 a) Set the RBW ≥ DTS bandwidth. b) Set VBW ≥ 3 x RBW. c) Set span ≥ 3 x RBW d) Sweep time = auto couple. 	
		e) Detector = peak. f) Trace mode = max hold. g) Allow trace to fully stabilize. h) Use peak marker function to determine the peak	WSET
X	Test Result:	amplitude level. PASS	
Weer	WELL	WELT WELT WELT	

	W5ET*	WSET	W	SET	W5CT°	WSE	71
\rightarrow		\times	X	\times		X	
W5E	7° /	WSCT	WSET	WSET		VS ET	/





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Report No.: WSCT-ANAB-R&E241100063A-LE

W5 CT

W5 ET

6.3.2. Test Data

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W5 CT

		BLE 1N	Л	
	Test channel	Maximum conducted output power (dBm)	Limit (dBm)	Result
0	Lowest	3.30	30.00	PASS
	Middle	6.11	30.00	PASS
	Highest	4.09	30.00	PASS

		BLE 2N	Л		Liz
	Test channel	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result	
0	Lowest	3.84	30.00	PASS	
	Middle	5.20	30.00	PASS	
	Highest	4.50	30.00	PASS	

Test plots as follows:

W5C7

	X	X	X

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	WS CT			
W5CT		WSCT	W5CT	
				W5CT 1

WSCT	WSCT	WSCT	WSCT	WSCT

W5 CT

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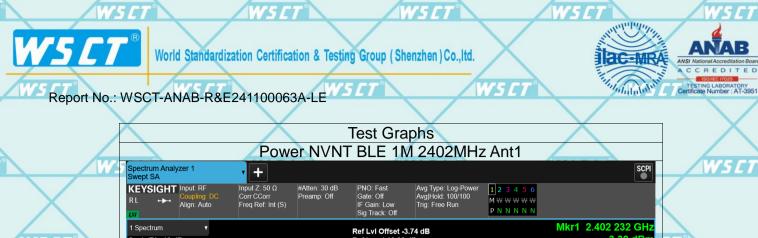
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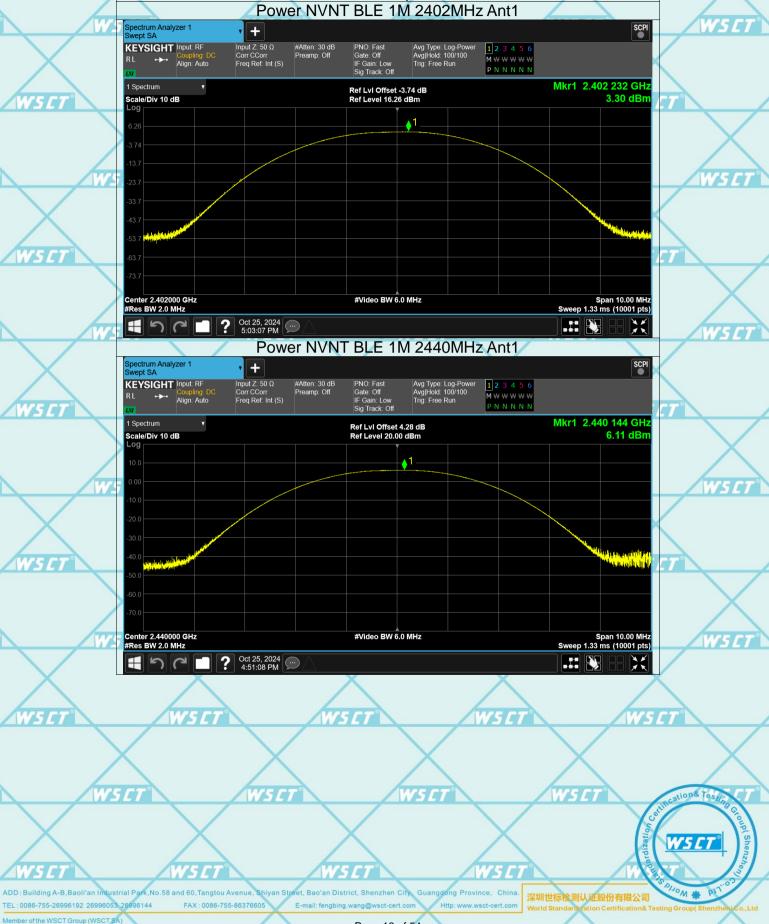
WS CT

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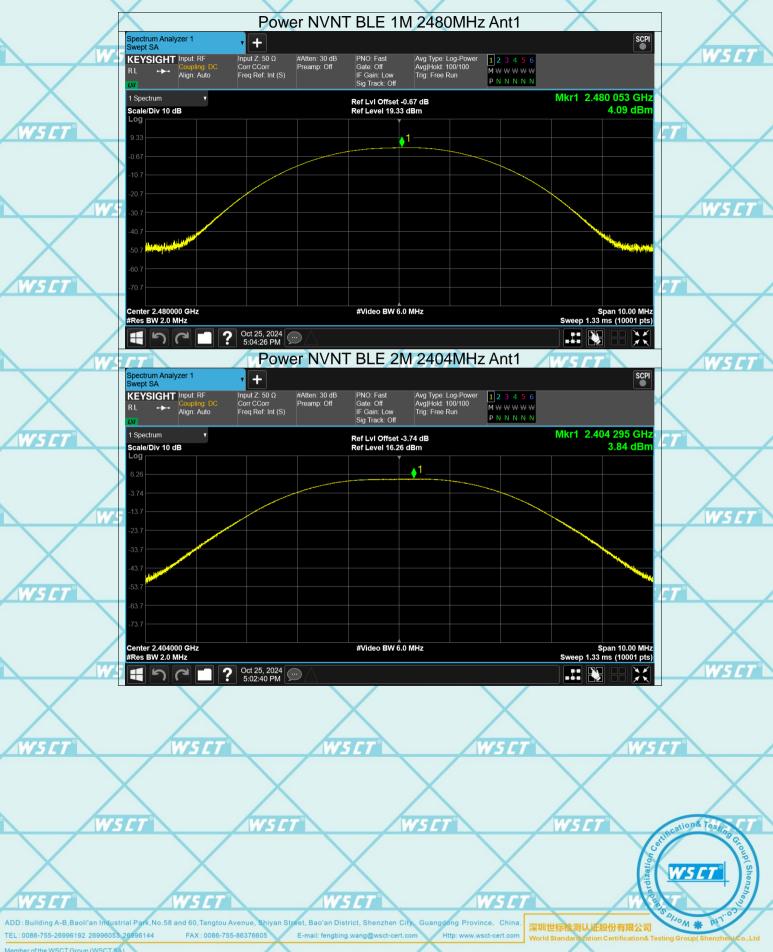
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W5 CT

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W5 CI

6.4. Emission Bandwidth

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X	Test Requirement:	FCC Part15 C Section 15.247 (a)(2)	
ET	Test Method:	KDB558074 W5 [7] W5 [7]	
	Limit:	>500kHz	\vee
<u></u>	Test Setup:		W5 ET
X		Spectrum Analyzer EUT	
ET	Test Mode:	Refer to item 4.1	
		 The testing follows FCC KDB Publication No. 558074 DTS D01 Meas. Guidance v04. Set to the maximum power setting and enable the 	X
		EUT transmit continuously.	WSCT"
	Test Procedure:	3. Make the measurement with the spectrum analyzer's	
X		resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make	
ET.		an accurate measurement. The 6dB bandwidth must	
		be greater than 500 kHz. 4. Measure and record the results in the test report.	
	Test Result:	PASS	
	WSET WSE	WSET WSET	(<i>W5CT</i> °)

W5 CT WS ET W5 C1 W5 ET W5 CT

> W5 CT W5 ET W5 C1

W5 E1

W5 CT





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W5ET°

W5 ET

6.4.2. Test data

BI	LE 1M	Week	WE CT.	W
	Test channel	6dB Emission	Bandwidth (kHz)	4.4
X	rest channel	BT LE mode	Limit Result	
W5CT°	Lowest	0.6796	ws-500k	
	Middle	0.6577	>500k PASS	
	Highest	0.6920	>500k	
DI	E 2M		ATT	1

6dB Emission Bandwidth (kHz) Test channel BT LE mode Result Limit 1.140 >500k Lowest WS E WS CI 1.134 **PASS** Middle >500k 1.160 >500k Highest

Test plots as follows:

W5C1

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ALLE CTO	MARC CT		CARE CT	
WS CT		WSET	W5 C7	WSET

WS CT

WSCT	WSET	WSCT	WSCT	WSCT

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WSET WSE

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SCT° WSCT°

W5 CI

W5CT® World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** WSCI Certificate Number: AT-3951 Report No.: WSCT-ANAB-R&E241100063A-LE Test Graphs -6dB Bandwidth NVNT BLE 1M 2402MHz Ant1 SCPI Spectrum Analyzer 1 Occupied BW + Center Freq: 2.402000000 GHz Avg|Hold: 100/100 Radio Std: None Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Atten: 30 dB Preamp: Off Mkr3 2.402340000 GHz Ref LvI Offset 4.26 dB Ref Value 24.26 dBm 4.71 dBm Scale/Div 10.0 dB



WSET WSET WSET WSET

WSET WSET WSET WSET WSET

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Report No.: WSCT-ANAB-R&E241100063A-LE



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Report No.: WSCT-ANAB-R&E241100063A-LE

-6dB Bandwidth NVNT BLE 2M 244







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Report No.: WSCT-ANAB-R&E241100063A-LE

6.5. Power Spectral Density

6.5.1. Test Specification

	WELL	TT WSTT WSTT		W5 C7
7	Test Requirement:	FCC Part15 C Section 15.247 (e)		
\	Test Method:	KDB558074		
		The peak power spectral density shall not be greater		
	Limit:	than 8dBm in any 3kHz band at any time interval of continuous transmission.		
7	Test Setup:		/	W5 C1
		Spectrum Analyzer EUT		
	Test Mode:	Refer to item 4.1		
	Test Procedure:	 The testing follows Measurement Procedure 10.2 Method PKPSD of FCC KDB Publication No.558 D01 DTS Meas. Guidance v04 The RF output of EUT was connected to the specianalyzer by RF cable and attenuator. The path low was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Make the measurement with the spectrum analyzer resolution bandwidth (RBW): 3 kHz ≤ RBW ≤ 10 kHz. Video bandwidth VBW ≥ 3 x RBW. In order make an accurate measurement, set the span to times DTS Channel Bandwidth. (6dB BW) Detector = peak, Sweep time = auto couple, Tracemode = max hold, Allow trace to fully stabilize. Uthe peak marker function to determine the maximpower level. Measure and record the results in the test report. 	e zer's 10 to 1.5 ce Jse mum	W5C1
	Test Result:	PASS		X

6.5.2. Test Instruments 5 [7]

		RF Test Room				
	Equipment	Manufacturer	Model	Serial Number	Calibration Due	
	Spectrum Analyzer	R&S	FSU	200054	Sep. 27, 2018	
	RF cable (9kHz-26.5GHz)	тст	RE-06	N/A	Sep. 27, 2018	
4	Antenna Connector	тст	RFC-01	N/A	Sep. 27, 2018	

Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to W5.17 international system unit (SI).

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W5 CT

6.5.3. Test data

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	Test channel	Power Spectral Density (dBm/3kHz)			
-		BLE 1M	Limit	Result	
	Lowest	-13.11	8 dBm/3kHz	X	
	Middle	-10.33	8 dBm/3kHz	PASS	
	Highest	-12.36	8 dBm/3kHz		

					_
	Test channel	Power Spectral Density (dBm/3kHz)			
1	rest chamilei	BLE 2M	Limit	Result	-44
	Lowest	-10.34	8 dBm/3kHz		
9	Middle	-13.23	8 dBm/3kHz	PASS	
	Highest	-15.76	8 dBm/3kHz		

Test plots as follows:

W5 CT W5 CT W5 CT W5 CT

WSET WSET WSET WSET WSET

WSCT WSCT WSCT WSCT WSCT

WSCT WSCT WSCT WSCT

WSCT WSCT WSCT WSCT

WSET WSET WSET WSET

WSCT WSCT WSCT WSCT

WSCT WSCT WSCT WSCT

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Report No.: WSCT-ANAB-R&E241100063A-LE

6.6. Conducted Band Edge and Spurious Emission Measurement

6.6.1. Test Specification

	6.6.1. Test Specification	WSET WSET	W5 CT	
	Test Requirement:	FCC Part15 C Section 15.247 (d)		
WSLT	Test Method:	KDB558074		
X	Limit:	In any 100 kHz bandwidth outside of the authorized frequency band, the emissions which fall in the non-restricted bands shall be attenuated at least 20 dB / 30dB relative to the maximum PSD level in 100 kHz by RF conducted measurement and radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).	WSET	
W5 CT	Test Setup:	Spectrum Analyzer EUT	WSET	
	Test Mode:	Refer to item 4.1		
WSCT	Test Procedure:	 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Set RBW = 100 kHz, VBW=300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB per 15.247(d). Measure and record the results in the test report. The RF fundamental frequency should be excluded against the limit line in the operating frequency band. 	WSET	
	Test Result:	PASS	X	

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FAX: 0086-755-86376605 Page 33 of 54 Certificate Number: AT-3951



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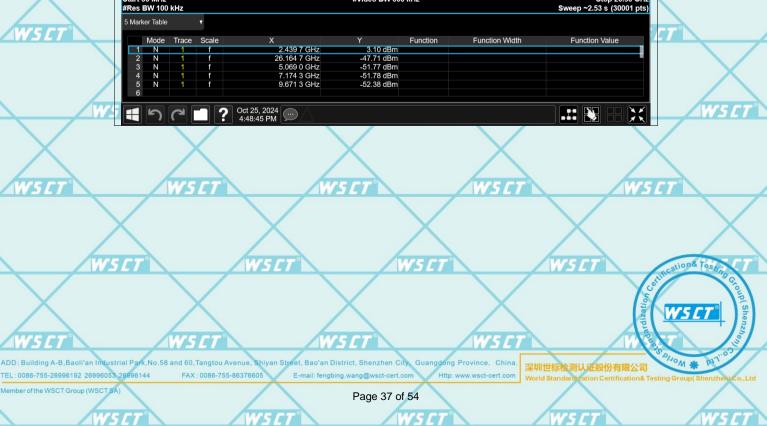


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Report No.: WSCT-ANAB-R&E241100063A-LE

6.7. Radiated Spurious Emission Measurement

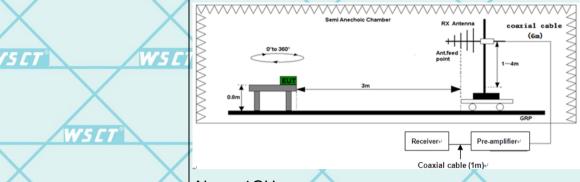
6.7.1. Test S	pecification

	6.7.1. Test Specification		4W5 C7		W5		$\overline{}$	W5CT
\times	Test Requirement:	FCC Part15	C Section	n 15.209			X	
WSCT	Test Method:	ANSI C63.10):2014	WSCT			WSCT	
	Frequency Range:	9 kHz to 25 (GHz			/		
	Measurement Distance:	3 m	X		X			X
	Antenna Polarization: // 5 //	Horizontal &	Vertical		W5	7		W5CT
	Operation mode:	Refer to item	4.1					
		Frequency 9kHz- 150kHz	Detector Quasi-pea		VBW 1kHz		emark peak Value	
WSET*	W5ET Receiver Setup:	150kHz- 30MHz	Quasi-pea	ak 9kHz	30kHz	Quasi-	peak Value	$\overline{}$
	WSCT WSC	30MHz-1GHz Above 1GHz	Quasi-pea Peak Peak	100KHz 1MHz 1MHz	300KHz 3MHz 10Hz	Pea	peak Value ak Value age Value	West
	WSCT° WSCI		Feak					IW5 CT°
X	X	Frequen		Field Stre (microvolts)	/meter)	Distan	surement ce (meters)	
WSET	WSET	0.009-0.4 0.490-1.7		2400/F(F 24000/F(100 May 1		300	,
		1.705-3		30			30	
	X	30-88 88-216		100 150			3	X
	Limit:	216-96		200			3	
	WSCT WSC1	Above 9	60	500	THE P		3	WS CT
		$\overline{}$		$ \vee$	1		\sim	
WSET	WSET	Frequency		eld Strength rovolts/meter)	Measurei Distan (meter	ce	Detector	
		Above 1GHz		500	3	3)	Average	
	X		X	5000	3		Peak	X
	WSCT WSCI	For radiated	emission	s below 30)MHz	7	_/	WSET
\times		Di I.	stance = 3m			Compute	er	
WSET	WSCT	Ī			Pre -	Amplifier		
	Test setup: WSET	EUT	1	\parallel	_			
	\triangle		Turn table		_	Receiver		
	WS ET WS E1		Grou	and Plane	L		cations	Testing Group
X		30MHz to 1G	Hz				le l	Yound





Report No.: WSCT-ANAB-R&E241100063A-LE



Above 1GHz

1. For the radiated emission test below 1GHz:

The EUT was placed on a turntable with 0.1 meter above ground. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high PASS filter are used for the test in order to get better signal level.

For the radiated emission test above 1GHz:

Place the measurement antenna on a turntable with 1.5 meter above ground, which is away from each area of the EUT determined to be a source of emissions at the specified measurement distance,

while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT,

depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be

restricted to a range of heights of from 1 m to 4 m

above the ground or reference ground plane. Corrected Reading: Antenna Factor + Cable Loss +

Test Procedure:

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· topo	TOTAL TOTAL TRANSPORT		
	\vee	Read Level - Preamp Factor = Level	\times
		3. For measurement below 1GHz, If the emission level	
	WSCT WSC	of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission	W5ET
/		level will be reported. Otherwise, the emission	
X	X	measurement will be repeated using the quasi-peak	
		detector and reported.	
CT°	W5 CT°	4. Use the following spectrum analyzer settings:	
		(1) Span shall wide enough to fully capture the	
		emission being measured;	
	WSET WSET	(2) Set RBW=100 kHz for f < 1 GHz; VBW ≥RBW;	West and
_	WS CT WS CT	Sweep = auto; Detector function = peak; Trace =	W5CT°
	\sim	max hold;	
		(3) Set RBW = 1 MHz, VBW= 3MHz for f 1 GHz	
ET"	WSET	for peak measurement. For average measurement: VBW = 10 Hz, when	
			$\overline{}$
	X	duty cycle is no less than 98 percent. VBW ≥ 1/T,	X
		when duty cycle is less than 98 percent where T is	
	WS CT WS CT	the minimum transmission duration over which the	W5CT°
		transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.	
X			
	Test mode:	Refer to section 4.1 for details	
LT 1	Test results: /5 [7]	PASS ⁵ CT W5CT W5CT	
			\ /

- Note 1: The symbol of "--" in the table which means not application.
- For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average Note 2: and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.
- Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.
 - The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode Note 4:

is worst.	W5 CT	WS CT	W5 CT	W5 CT

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W5CT"

6.7.2. Test Data

WSE

Please refer to following diagram for individual

Below 1GHz

W5 CT

Horizontal: dBuV/m 87.0 W5CT° 67 FCC Part15 RE-Class B_30-1000MHz 57 Margin -6 dB 47 37 27 peak 17 -3 -13 -23 -33 30.000 60.00 1000.000 (MHz) 300.00

L	E	L	

	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	7
	1	35.7334	39.74	-19.47	20.27	40.00	-19.73	QP	
7	2	83.8523	43.85	-23.91	19.94	40.00	-20.06	QP	
	3	157.6971	42.73	-19.52	23.21	43.50	-20.29	QP	
	4	186.8499	48.28	-22.68	25.60	43.50	-17.90	QP	
	5	262.8955	51.47	-21.54	29.93	46.00	-16.07	QP	7°
	6 *	911.2630	48.67	-9.84	38.83	46.00	-7.17	QP	

AWS CT

4W5 CT

WSET

4W5C1

WSCT"

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WSCT

WSCT

WSET

WELT

W5CT°

WSCT

MECT

MEET

Catifications Testing County Shenz

W5CT°

WSET

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W5 CT





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W5CT



Frequency Reading Factor Level Limit Margin Detector No (MHz) (dBuV) (dB/m) (dBuV/m) (dBuV/m) (dB) 1 * 30.1450 54.24 -19.1635.08 40.00 -4.92QP 2 55.7070 48.27 -19.7728.50 QP 40.00 -11.503 71.9265 50.38 -22.5727.81 40.00 -12.19QΡ 54.73 4 84.5906 -23.9130.82 40.00 -9.18 QP 5 186.1958 50.94 -22.6928.25 43.50 -15.25 QP 6 262.7803 41.20 -21.54 19.66 -26.34QP 46.00

Note1:

aws LT

AWS LT

4W5 [T] 1

W5 CT

Freq. = Emission frequency in MHz

Reading level (dBµV) = Receiver reading

Corr. Factor (dB) = Antenna factor + Cable loss - Amplifier factor.

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

Limit (dBµV) = Limit stated in standard

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

WSCT

MECT

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WSCT

WELL

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AWSLI

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WSCT

WSCT





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T WSCI

Above 1GHz

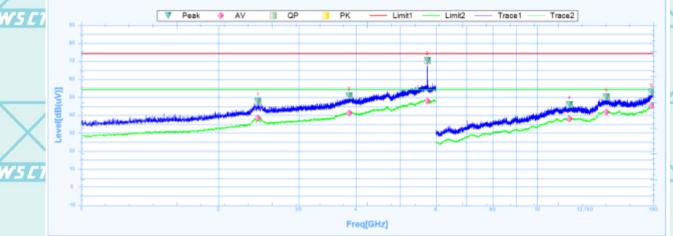
Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note 2: The spurious above 18G is noise only, do not show on the report.

Note 3 BLE 1M and 2M both tested the report and only recorded the worst-case scenario 1M:

Low channel: 2402MHz

Horizontal:



Susputed Data List Reading Factor Level Limit Margin Deg NO. Polarity Trace Verdict [dB(uV)] [dB] [MHz] [dB(uV)] [dB] [dB] [°] 47.74 27.39 74 108.1 2439.3750 20.35 -26.26 Horizontal PK Pass 2439.3750 38.47 27.39 11.08 54 -15.53 108.1 ΑV Pass Horizontal 3871.8750 50.67 29.39 21.28 74 -23.33 5.8 PK Pass Horizontal 3871.8750 41.34 29.39 11.95 54 -12.66 5.8 Horizontal ΑV Pass 5743.7500 70.5 32.39 38.11 74 -3.5 334 PK Horizontal Pass 47.91 15.52 54 -6.09 334 5743.7500 32.39 Horizontal A۷ Pass 11785.5000 45.82 29.65 74 -28.18 101.4 PK 16.17 Horizontal Pass 11785.5000 21.83 38 16.17 54 -16 101.4 Horizontal A۷ Pass 14211.0000 50.05 18.92 74 -23.95 257.9 31.13 Horizontal Pass 14211.0000 18.92 22.83 54 -12.25 257.9 ΑV 41.75 Horizontal Pass 17845.5000 52.78 22.91 29.87 74 -21.22 -0.1 Horizontal PK Pass 17845.5000 45.23 22.91 22.32 54 -8.77 -0.1 ΑV Pass Horizontal

	WSET [®]	WSET	WSET	WSET*	W5 CT
\times	\rightarrow				/
WSET	W5 L	T WS	CT W.	SCT WS	CT
	\sim		\sim		

VSET WSET WSET WS

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WELT

WSCT



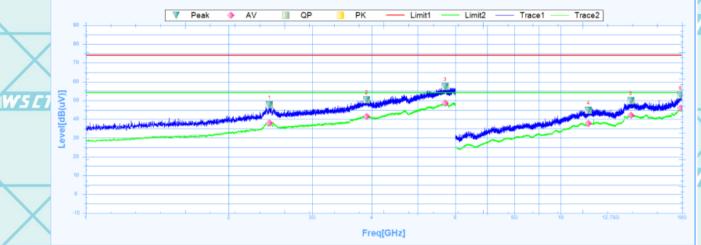




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W5 CT

Vertical:



WS E

W51

	Susputed Data List													
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	\times		
	1	2436.2500	47.71	27.38	20.33	74	-26.29	143.9	Vertical	PK	Pass			
	1	2436.2500	37.97	27.38	10.59	54	-16.03	143.9	Vertical	AV	Pass	15 L		
	2	3905.0000	50.38	29.47	20.91	74	-23.62	360.1	Vertical	PK	Pass			
	2	3905.0000	41.45	29.47	11.98	54	-12.55	360.1	Vertical	AV	Pass			
	3	5710.0000	57.4	32.34	25.06	74	-16.6	360.1	Vertical	PK	Pass			
	3	5710.0000	48.46	32.34	16.12	54	-5.54	360.1	Vertical	AV	Pass			
2	4	11436.0000	44.82	15.95	28.87	74	-29.18	217.3	Vertical	PK	Pass			
	4	11436.0000	37.75	15.95	21.8	54	-16.25	217.3	Vertical	AV	Pass			
	5	14044.5000	49.77	19.08	30.69	74	-24.23	10.9	Vertical	PK	Pass			
	5	14044.5000	42.11	19.08	23.03	54	-11.89	10.9	Vertical	AV	Pass			
	6	17871.0000	52.73	23.08	29.65	74	-21.27	143.2	Vertical	PK	Pass	V5 L		
	6	17871.0000	45.82	23.08	22.74	54	-8.18	143.2	Vertical	AV	Pass			

W5 CT W5 E7 W5 CI W5 CT

WS ET

W5 CT WS CT W5 C1 W5 E1

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W5 CT







W5 C7

W5 CI

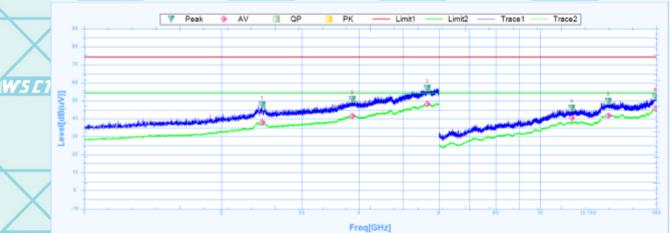
WS CI

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W5C7

Middle channel: 2440MHz

Horizontal:



WS E

W5 E

4	Suspu	Susputed Data List											
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict		
Ī	1	2453.1250	47.75	27.44	20.31	74	-26.25	78.2	Horizontal	PK	Pass		
	1	2453.1250	37.9	27.44	10.46	54	-16.1	78.2	Horizontal	AV	Pass		
	2	3871.8750	50.65	29.39	21.26	74	-23.35	238.4	Horizontal	PK	Pass		
	2	3871.8750	41.4	29.39	12.01	54	-12.6	238.4	Horizontal	AV	Pass		
	3	5656.2500	57.01	32.25	24.76	74	-16.99	334	Horizontal	PK	Pass		
7	3	5656.2500	48.15	32.25	15.9	54	-5.85	334	Horizontal	AV	Pass		
-	4	11745.0000	45.96	16.11	29.85	74	-28.04	251.9	Horizontal	PK	Pass		
	4	11745.0000	40.41	16.11	24.3	54	-13.59	251.9	Horizontal	AV	Pass		
	5	14124.0000	49.55	19	30.55	74	-24.45	132.4	Horizontal	PK	Pass		
	5	14124.0000	41.72	19	22.72	54	-12.28	132.4	Horizontal	AV	Pass		
	6	17916.0000	52.29	23.36	28.93	74	-21.71	359.6	Horizontal	PK	Pass		
	6	17916.0000	45.7	23.36	22.34	54	-8.3	359.6	Horizontal	AV	Pass		

W5CT W5 E7 W5 CI W5 CT W5 ET W5 C1 W5C1 WS CT W5 E1

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W5CT°

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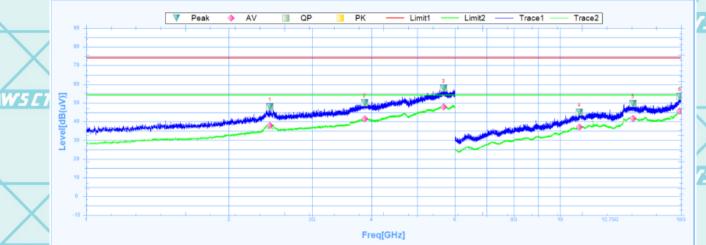




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W5 ET

Vertical:



W5 E

W5 E

L	Susputed Data List												
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict		
	1	2440.0000	47.85	27.4	20.45	74	-26.15	360.1	Vertical	PK	Pass		
	1	2440.0000	37.85	27.4	10.45	54	-16.15	360.1	Vertical	AV	Pass		
/	2	3868.7500	50.05	29.38	20.67	74	-23.95	124.8	Vertical	PK	Pass		
	2	3868.7500	41.52	29.38	12.14	54	-12.48	124.8	Vertical	AV	Pass		
1	3	5676.2500	57.74	32.28	25.46	74	-16.26	167.9	Vertical	PK	Pass		
T	3	5676.2500	47.99	32.28	15.71	54	-6.01	167.9	Vertical	AV	Pass		
	4	10975.5000	44.97	15.48	29.49	74	-29.03	232.8	Vertical	PK	Pass		
	4	10975.5000	37.1	15.48	21.62	54	-16.9	232.8	Vertical	AV	Pass		
	5	14247.0000	49.7	18.87	30.83	74	-24.3	164.7	Vertical	PK	Pass		
	5	14247.0000	41.61	18.87	22.74	54	-12.39	164.7	Vertical	AV	Pass		
	6	17896.5000	53.4	23.24	30.16	74	-20.6	191	Vertical	PK	Pass		
/	6	17896.5000	45.77	23.24	22.53	54	-8.23	191	Vertical	AV	Pass		

W5CT W5 E7 W5 CI W5 CT

WS ET

W5C1 WS CT WS CT W5 E1

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W5CT"

High channel: 2480MHz

Horizontal:



	Suspu	ited Data Lis	it								
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
	1	2438.1250	47.56	27.39	20.17	74	-26.44	167.8	Horizontal	PK	Pass
/	1	2438.1250	38.16	27.39	10.77	54	-15.84	167.8	Horizontal	AV	Pass
	2	3771.8750	50.53	29.15	21.38	74	-23.47	158.2	Horizontal	PK	Pass
1	2	3771.8750	40.82	29.15	11.67	54	-13.18	158.2	Horizontal	AV	Pass
71	3	5745.6250	71.48	32.39	39.09	74	-2.52	310	Horizontal	PK	Pass
7	3	5745.6250	47.74	32.39	15.35	54	-6.26	310	Horizontal	AV	Pass
	4	11062.5000	45.19	15.81	29.38	74	-28.81	259	Horizontal	PK	Pass
	4	11062.5000	37.89	15.81	22.08	54	-16.11	259	Horizontal	AV	Pass
	5	14320.5000	49.74	18.79	30.95	74	-24.26	311.7	Horizontal	PK	Pass
	5	14320.5000	41.56	18.79	22.77	54	-12.44	311.7	Horizontal	AV	Pass
	6	17904.0000	53.18	23.29	29.89	74	-20.82	115.6	Horizontal	PK	Pass
	6	17904.0000	45.82	23.29	22.53	54	-8.18	115.6	Horizontal	AV	Pass

WS CT	WSET	W5 C	7 N	'5 CT"	W5CT
	W5 CT	WSET	WSLT	W5 ET	W5 ET"
			/		
		X		X	
WSCT	WSIT	W5/	7	15 CT	WSCT

W5ET*	WSET	WSET	WSET	scation& Testio
		\times	\times	WS CT S

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WSET WSE

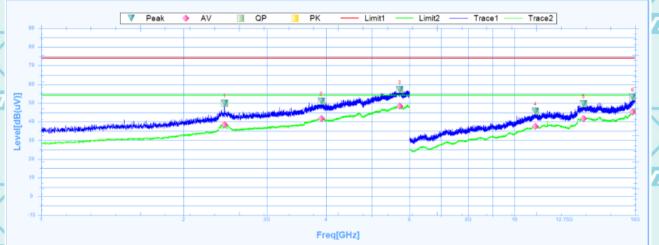






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Vertical:



S	Susputed Data List										
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1		2440.0000	49.85	27.4	22.45	74	-24.15	36.4	Vertical	PK	Pass
1		2440.0000	38.28	27.4	10.88	54	-15.72	36.4	Vertical	AV	Pass
2		3906.2500	50.88	29.48	21.4	74	-23.12	6.6	Vertical	PK	Pass
2		3906.2500	41.68	29.48	12.2	54	-12.32	6.6	Vertical	AV	Pass
3		5721.8750	57.24	32.35	24.89	74	-16.76	93.8	Vertical	PK	Pass
3		5721.8750	48.39	32.35	16.04	54	-5.61	93.8	Vertical	AV	Pass
4		11073.0000	45.58	15.85	29.73	74	-28.42	199.4	Vertical	PK	Pass
4		11073.0000	37.59	15.85	21.74	54	-16.41	199.4	Vertical	AV	Pass
5		13989.0000	49.69	19.09	30.6	74	-24.31	310.6	Vertical	PK	Pass
5		13989.0000	41.64	19.09	22.55	54	-12.36	310.6	Vertical	AV	Pass
6		17791.5000	53.09	22.57	30.52	74	-20.91	359.6	Vertical	PK	Pass
6		17791.5000	45.34	22.57	22.77	54	-8.66	359.6	Vertical	AV	Pass

Note:

- All emissions not reported were more than 20dB below the specified limit or in the noise floor.
- Emission Level= Reading Level + Probe Factor +Cable Loss.
 - Data of measurement within this frequency range shown "--" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

4.	EUT has bee	n tested in unfolded s	states, and the report only	y reflects data in the unfold	led state (worst-case sce	enario)
	WSET	W	SET	WSET	W5ET*	WSET
WSET		WSCT	WSET	WSC		5 <i>CT</i>
ZUEIZA		N.F.G.	11713	11111		141
	X		\times	\times	\times	X
	W5CT°	W	15 CT	WSET	WSET	acation& Testin
						Set Set
X		X	X	X		WSET OF SHEET
					Δ	arouzh Grazh
W5 CT°		W5 CT	W5 ET	W5 C	W)	
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W5L

W5L

W5 CT

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W5E7

W5 E7

6.7.3. Restricted Bands Requirements

Test result for GESK Mode (the worst case)

	rest result it	JI GESK IVIC	de (ine i	worst case				
	Frequency	Reading	Correct Factor	Emission Level	Limit	Margin	Polar	Detector
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	H/V	
				Low Chan	nel	A	4	
<u>Z</u>	2390	61.47	-8.76	52.71	74	21.29	Ŧ	PK
	2390	54.39	-8.76	45.63	54	8.37	Н	AV
	2390	61.26	-8.73	52.53	74	21.47	V	PK
	2390	55.44	-8.73	46.71	54	7.29	V 5	AV
				High Char	nnel			
/	2483.5	61.01	-8.76	52.25	74	21.75	Н	PK
ď	2483.5	53.18	-8.76	44.42	54	9.58	Н	AV
	2483.5	63.05	-8.73	54.32	74	19.68	V	PK
	2483.5	55.95	-8.73	47.22	54	6.78	V >	AV
	Note: Fred - En	niccion fragueno	cy in MHz					

Note: Freq. = Emission frequency in MHz

Reading level (dB μ V) = Receiver reading Corr. Factor (dB) = Attenuation factor + Cable loss

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

Limit (dBµV) = Limit stated in standard Margin (dB) = Level (dB μ V) – Limits (dB μ V)

X		X	_

W5 CT

W5CT°	WSCT	WSCT	WSCT	WSET"

WSCT	WSIT	WSCT	WSCT	WSCT

W5 CT W5 C1

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A C C R E D I T E D

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Please refer to Annex "Set Up Photos-15C" for test setup photos *****END OF REPORT**** W5 E1 W5E W5 C W5CT W5 C1 WS CT W5 CI W5 CI

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