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Please Contact with WSCT

TEST REPORT

FCC ID: 2ADYY-K16SDA Product: Laptop Computer Model No.: K16SDA Trade Mark: TECNO Report No.: WSCT-A2LA-R&E240300014A-LE Issued Date: 06 June 2024

Issued for:

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

Issued By:

World Standardization Certification & Testing Group(Shenzhen) Co.,Ltd. Building A-B, Baoshi Science & Technology Park, Baoshi Road and & Technology Park, Ba

Note: The results contained in this report pertain only to the tested sample. This report shall not be reproduced, except in full, without written approval of World Standardization Certification & Testing Group(Shenzhen) Co., Ltd. This report must not be used by the client to claim product certification, approval, or any agency of the U.S. Government.

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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/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Tested By: Wart Xiart	Checked By:	Mo Peryun	WISIT
(Wang Xiang) VSCT WSCT W	307 WISTO	5	n & Testing Gould ISteer
Approved By: (Liu Fuxin)	Date:		M * PH
XX			X
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2. Test Result Summary

	KURAN KURAN	The Average of the second s	AVER A	WEIT
/	Requirement	CFR 47 Section	Result	
1	Antenna requirement	§15.203/§15.247 (c)	PASS	_
7	AC Power Line Conducted Emission	§15.207	PASS	\checkmark
-	Conducted Peak Output Power	§15.247 (b)(3) §2.1046	PASS	WISTER
2	6dB Emission Bandwidth	§15.247 (a)(2) §2.1049	PASS	
	Power Spectral Density	§15.247 (e)	PASS	\checkmark
	Band Edge	1§5.247(d) §2.1051, §2.1057	PASS	WHIT
	Spurious Emission	§15.205/§15.209 §2.1053, §2.1057	PASS	

Note:

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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:	Laptop Computer
/	Model No.:	K16SDA
	Trade Mark:	TECNO
9	Operation Frequency:	2402MHz~2480MHz
	Channel Separation:	2MHz
	Number of Channel:	40
/	Modulation Technology:	GFSK
57	Antenna Type:	FPC Antenna
	Antenna Gain:	3.52dBi
	Rechargeable Li-Polymer Battery:	Model: K16S Nominal Voltage: 11.55V Rated Capacity: 6060mAh Rated nergy: 70.00Wh Limited Charge Voltage: 13.2V
2	Adapter: WSET	Adapter: E065-1R200325VU Input: 100-240V~,50/60Hz,1.5A Output: 20.0V3.25A
	Remark:	N/A.

Operation Frequency each of channel

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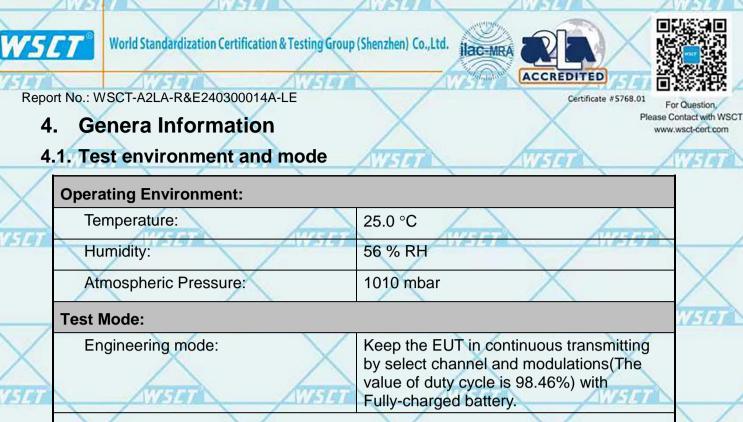
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Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	10	2422MHz	20	2442MHz	30	2462MHz
ANSIS	2404MHz	11	2424MHz	21	2444MHz	31	2464MHz
8	2418MHz	18	2438MHz	28	2458MHz	38	2478MHz
9	2420MHz	19	2440MHz	29	2460MHz	39	2480MHz
Remark:	Channel 0, 1	19 & 39 ha	ave been tes	sted.	116141		11614

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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.

Equipment	Model No.	Serial No.	FCC ID	Trade Name
Adapter	Adapter1		/	ADAPTER

Note:

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- 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.

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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

All measurement facilities used to collect the measurement data are located at Building A-B, Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, 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 32. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

5.2. ACCREDITATIONS

CNAS - Registration Number: L3732

China National Accreditation Service for Conformity Assessment, The test firm Registration Number: L3732

FCC - Designation Number: CN1303

World Standardization Certification & Testing Group(Shenzhen) CO., LTD. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Designation Number: CN1303.

A2LA - Certificate Number: 5768.01

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The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (A2LA).Certification Number: 5768.01





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5.3.Measurement Uncertainty

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 %.

-3.2dB	
0.16dB	X
:0.21dB	WSET
:4.7dB	
:4.7dB	<u>نار</u>
-0.5°C	
-2.0%	X
	0.16dB 0.21dB 4.7dB 4.7dB 0.5°C



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5.4.MEASUREMENT INSTRUMENTS

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NAME OF EQUIPMENT	MANUFACTURER	MODEL	SERIAL NUMBER	Calibration Date	Calibration Due.	
Test software		EZ-EMC	CON-03A	A	ISET 🔪	
Test software	\sim	MTS8310	· .	\vee	-	V
EMI Test Receiver	R&S	ESCI	100005	11/05/2023	11/04/2024	\wedge
LISN	AFJ	LS16	16010222119	11/05/2023	11/04/2024	51
LISN(EUT)	Mestec	AN3016	04/10040	11/05/2023	11/04/2024	
Universal Radio Communication Tester	R&S	CMU 200	1100.0008.02	11/05/2023	11/04/2024	
Coaxial cable	Megalon	LMR400	N/A	11/05/2023	11/04/2024	X
GPIB cable	Megalon	GPIB	N/A	11/05/2023	11/04/2024	\sim
Spectrum Analyzer	R&S	FSU	100114	11/05/2023	11/04/2024	51
Pre Amplifier	H.P.	HP8447E	2945A02715	11/05/2023	11/04/2024	
Pre-Amplifier	CDSI	PAP-1G18-38		11/05/2023	11/04/2024	
Bi-log Antenna	SUNOL Sciences	JB3	A021907	11/05/2023	11/04/2024	
9*6*6 Anechoic	X	- X		11/05/2023	11/04/2024	X
Horn Antenna	COMPLIANCE ENGINEERING	CE18000		11/05/2023	11/04/2024	2.4
Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-631	11/05/2023	11/04/2024	
Cable	TIME MICROWAVE	LMR-400	N-TYPE04	11/05/2023	11/04/2024	
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	$^{\times}$
RF cable	Murata	MXHQ87WA300 0		11/05/2023	11/04/2024	150
Loop Antenna	EMCO	6502	00042960	11/05/2023	11/04/2024	
Horn Antenna	SCHWARZBECK	BBHA 9170	1123	11/05/2023	11/04/2024	
Power meter	Anritsu	ML2487A	6K00003613	11/05/2023	11/04/2024	
Power sensor	Anritsu	MX248XD	· .	11/05/2023	11/04/2024	X
Spectrum Analyzer	Keysight	N9010B	MY60241089	11/05/2023	11/04/2024	13

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Test Results and Measurement Data 6.

6.1. Antenna requirement

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. The use of a 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:

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The Bluetooth antenna is a FPC Antenna. it meets the standards, and the best case gain of the antenna is 3.52dBi.



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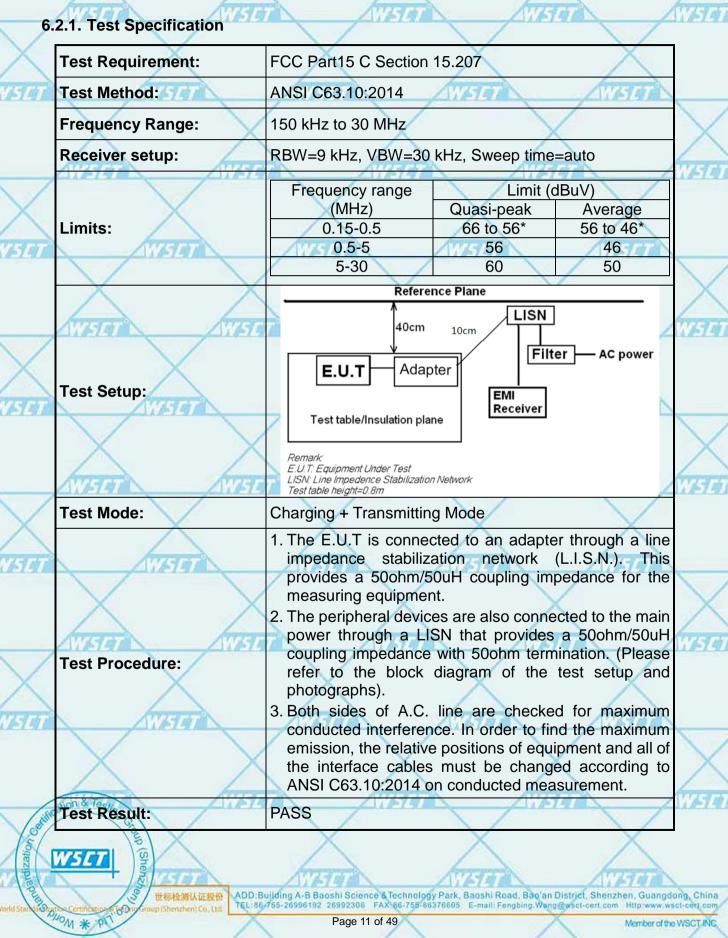


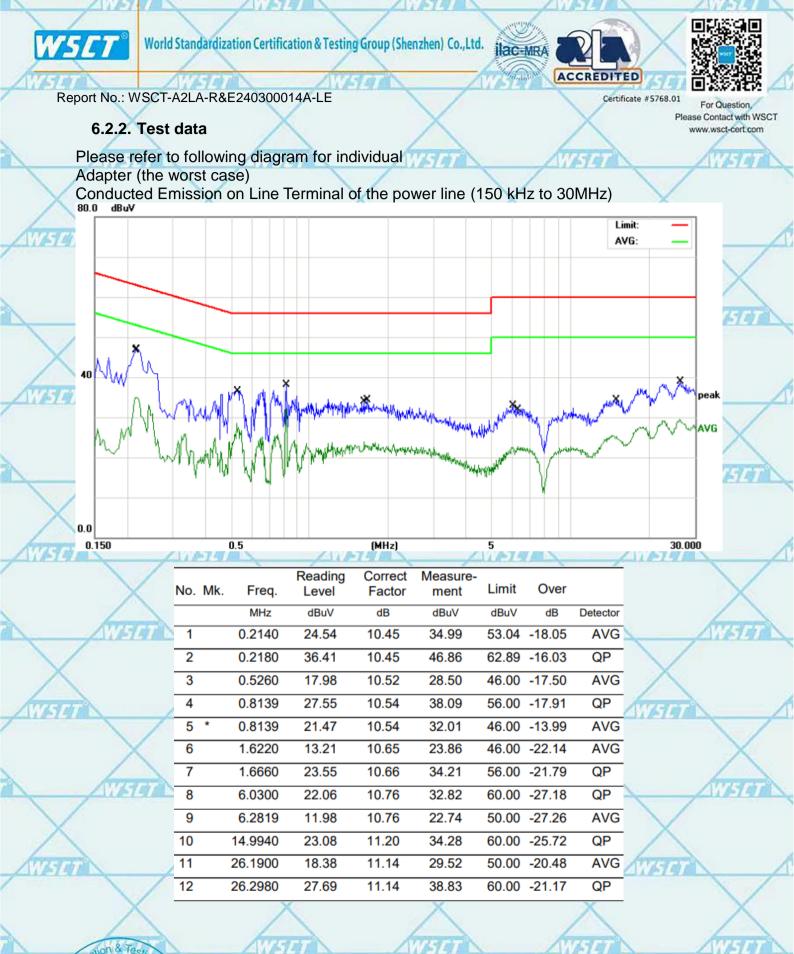


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6.2. Conducted Emission



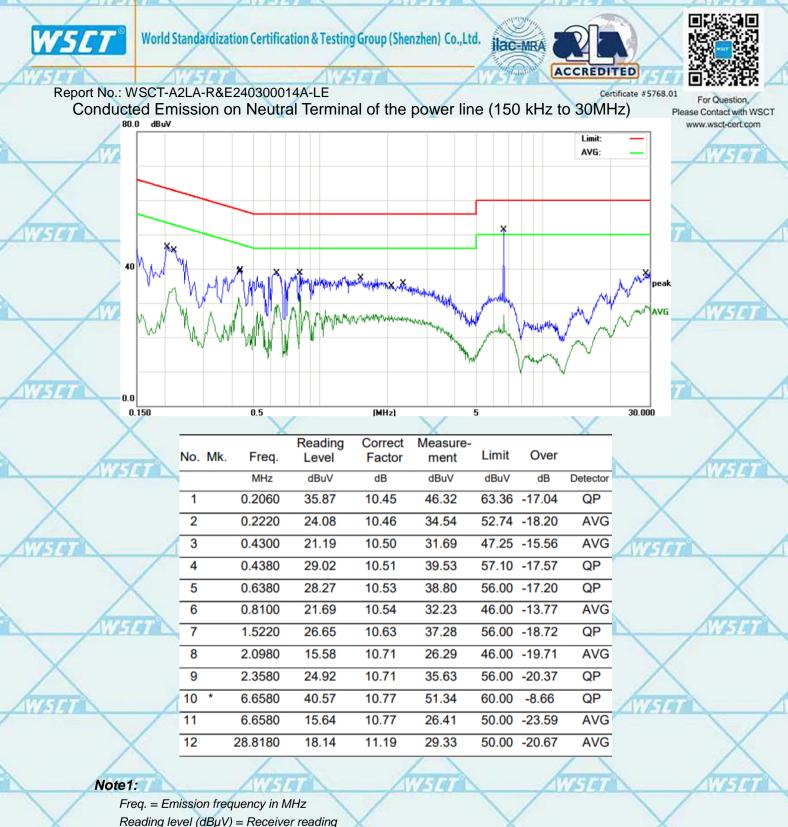


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- Corr. Factor (dB) = Antenna factor + Cable loss
- Measurement ($dB\mu V$) = Reading level ($dB\mu V$) + Corr. Factor (dB)
- Limit $(dB\mu V) = Limit$ stated in standard
- Margin (dB) = Measurement (dB μ V) Limits (dB μ V)
- Q.P. =Quasi-Peak AVG =average

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

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6.3. Conducted Output Power

6.3.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (b)(3)
Test Method:	KDB558074
Limit:	30dBm
Test Setup:	
	Spectrum Analyzer EUT
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:
Test Procedure:	 a) Set the RBW ≥ DTS bandwidth. b) Set VBW ≥ 3 × 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 amplitude level.
Test Result:	PASS









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6.3.2. Test Data

BLE 1M					
Test channel	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result		
Lowest	10.41	30.00	PASS		
Middle	10.28	30.00	PASS		
Highest	10.02	30.00	PASS		

BLE 2M				
Test channel	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result	
Lowest	10.56	30.00	PASS	
Middle	10.38	30.00	PASS	
Highest	10.16	30.00	PASS	

Test plots as follows:

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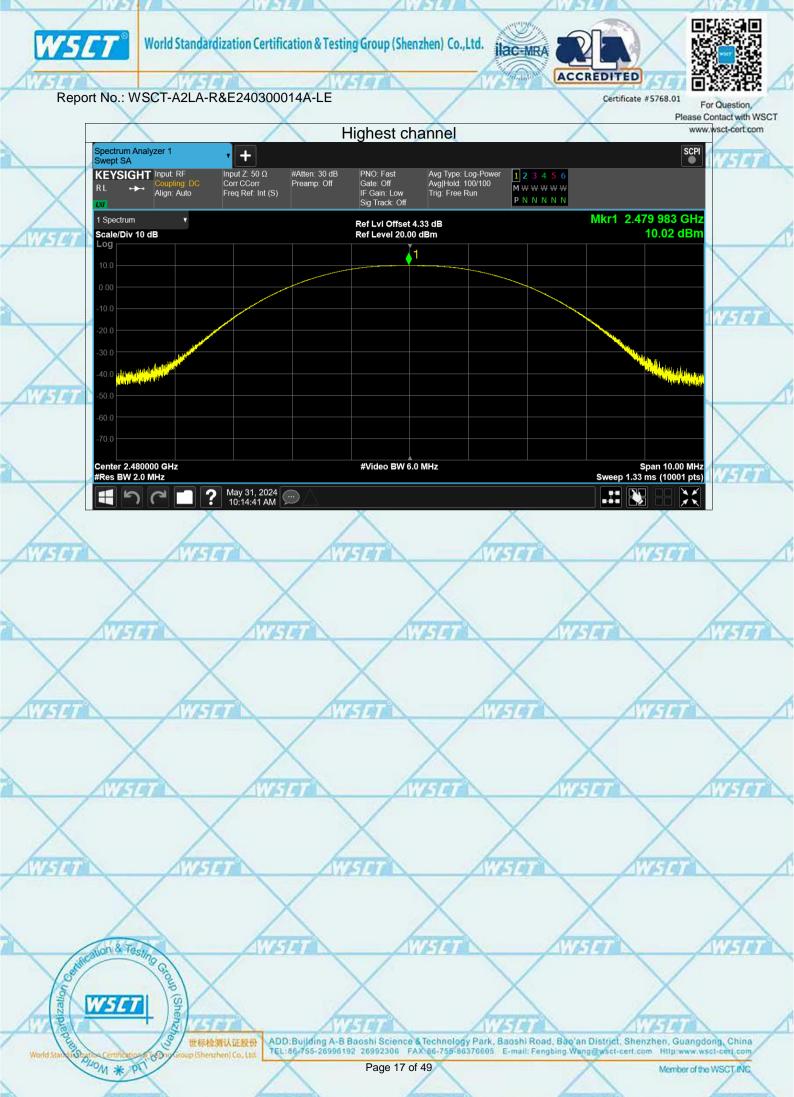
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6.4. Emission Bandwidth

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6.4.1. Test Specification

4.1. Test Specification			
Test Requirement:	FCC Part15 C Section 15	5.247 (a)(2)	
Test Method:	KDB558074	WISH	1
Limit:	>500kHz	\sim	\sim
Test Setup:	Spectrum Analyzer	EUT	AVIS
Test Mode:	Refer to item 4.1	Trans Minas	
Test Procedure:	DTS D01 Meas. Guid 2. Set to the maximum por EUT transmit continue 3. Make the measurement resolution bandwidth Video bandwidth (VBV an accurate measurement be greater than 500 k	ower setting and enable the ously. nt with the spectrum analyzer's (RBW) = 100 kHz. Set the W) = 300 kHz. In order to mak ment. The 6dB bandwidth mus Hz.	s e
Test Result:	PASS	ne results in the test report.	$-\times$
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X	WISTOT STOT	WESTER WESTER	
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6.4.2. Test data

Bl	LE 1M	AVISTAT AVISTAT	AWS		137
/	Test channel	6dB Emission	Bandwidth (kHz))	
		BT LE mode	Limit	Result	
7	Lowest	0.65	>500k	WIST	
	Middle	0.644	>500k	PASS	1
	Highest	0.633	>500k		1
_	AUDIT	AREFE AUGEPT	1117-		nr.

BLE 2M

<	Test shapped	6dB Emission I	Bandwidth (kHz)		
	Test channel	BT LE mode	Limit	Result	1
	Lowest	1.126	>500k	/ Inclaims	
	Middle	1.107	>500k	PASS	X
	Highest	1.101	>500k		WEIT

Test plots as follows:

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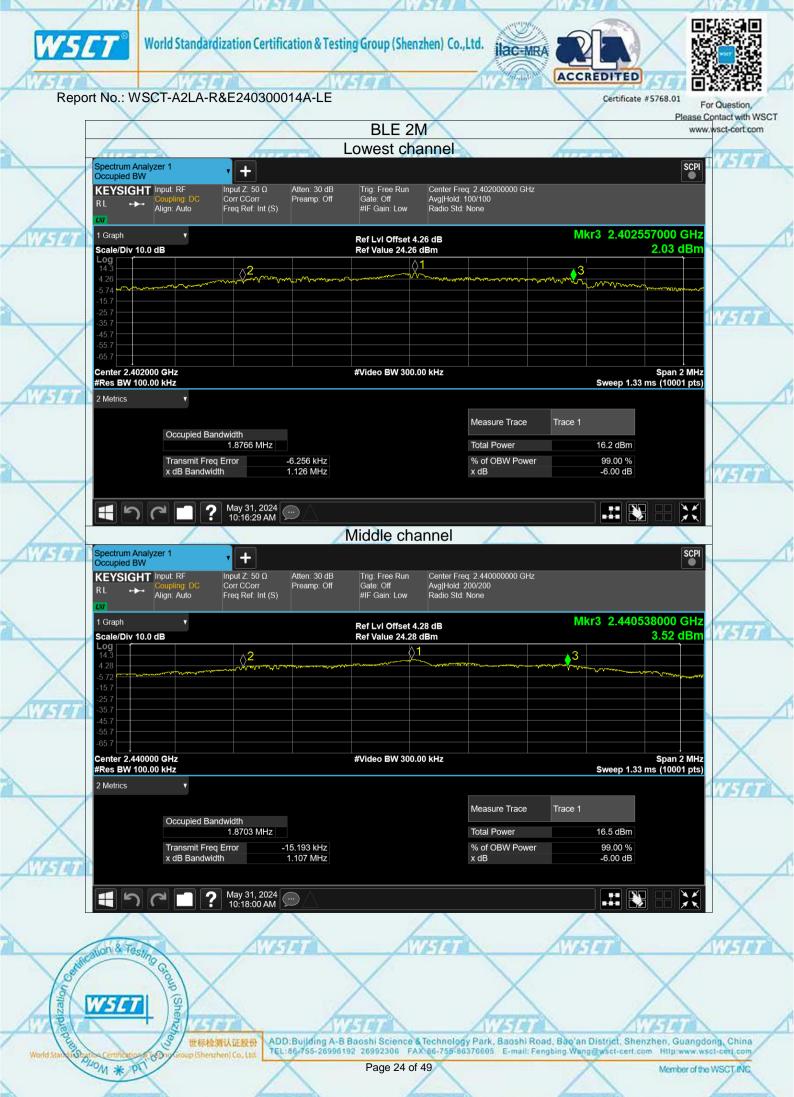
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6.5. Power Spectral Density

6.5.1. Test Specification

		A APP I AT
Test Requirement:	FCC Part15 C Section 15.247 (e)	
Test Method:	KDB558074	
Limit:	The peak power spectral density shall not be greater than 8dBm in any 3kHz band at any time interval of continuous transmission.	X
Test Setup:		WST
Test Mode:	Spectrum Analyzer EUT Refer to item 4.1	
Test Procedure:	 The testing follows Measurement Procedure 10.2 Method PKPSD of FCC KDB Publication No.558074 D01 DTS Meas. Guidance v04 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. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW): 3 kHz ≤ RBW ≤ 100 kHz. Video bandwidth VBW ≥ 3 x RBW. In order to make an accurate measurement, set the span to 1.5 times DTS Channel Bandwidth. (6dB BW) Detector = peak, Sweep time = auto couple, Trace mode = max hold, Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level. Measure and record the results in the test report. 	
Test Result:	PASS	1

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6.5.2. Test data

5.2. Test uala	\wedge	\wedge /	www.ws	ct-cert.com
Test channel	Power S	pectral Density (dBm/3k	Hz)	ISET
Test channel	BLE 1M	Limit	Result	
Lowest	-4.98	8 dBm/3kHz	\sim	
Middle	-5.86	8 dBm/3kHz	PASS	
Highest	-6.09	8 dBm/3kHz		\checkmark

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			1		
	Test channel	Power Spectral D	ensity (dBm/3kł	Hz)	
2	Test channel	BLE 2M	Limit	Result	
1	Lowest	-6.58	8 dBm/3kHz	1	
	Middle	-6.89	8 dBm/3kHz	PASS	\times
1	Highest	-7.22	8 dBm/3kHz		WIST

Test plots as follows:

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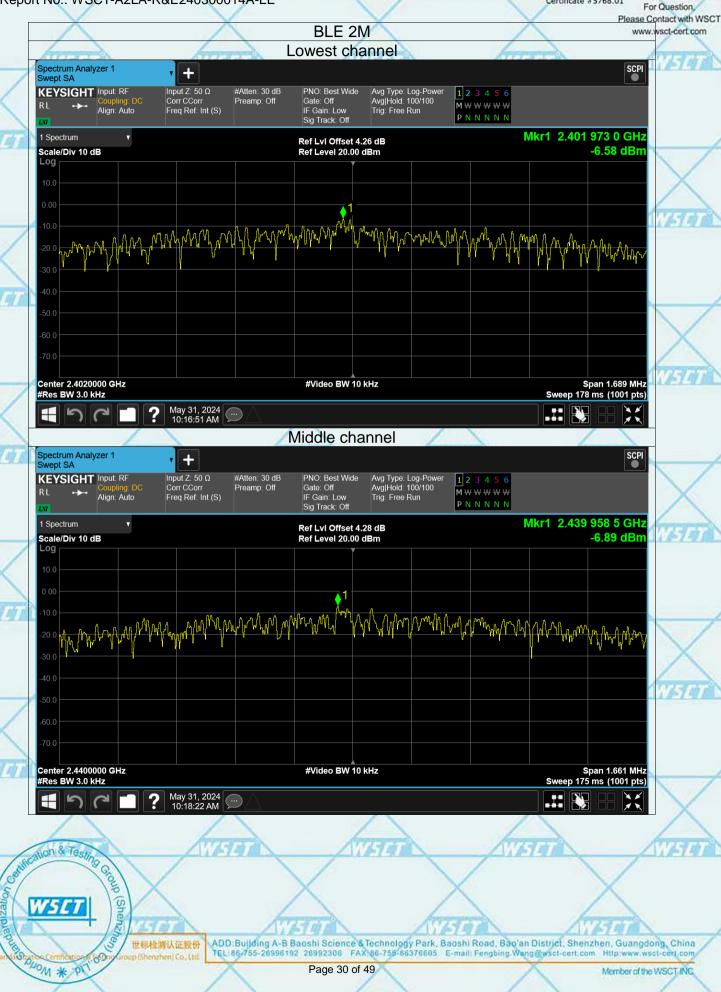
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6.6. Conducted Band Edge and Spurious Emission Measurement

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Test Requirement:	FCC Part15 C Section 15.247 (d)
Test Method:	KDB558074
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).
Test Setup:	Spectrum Analyzer
Test Mode:	Refer to item 4.1
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.
Test Result:	PASS

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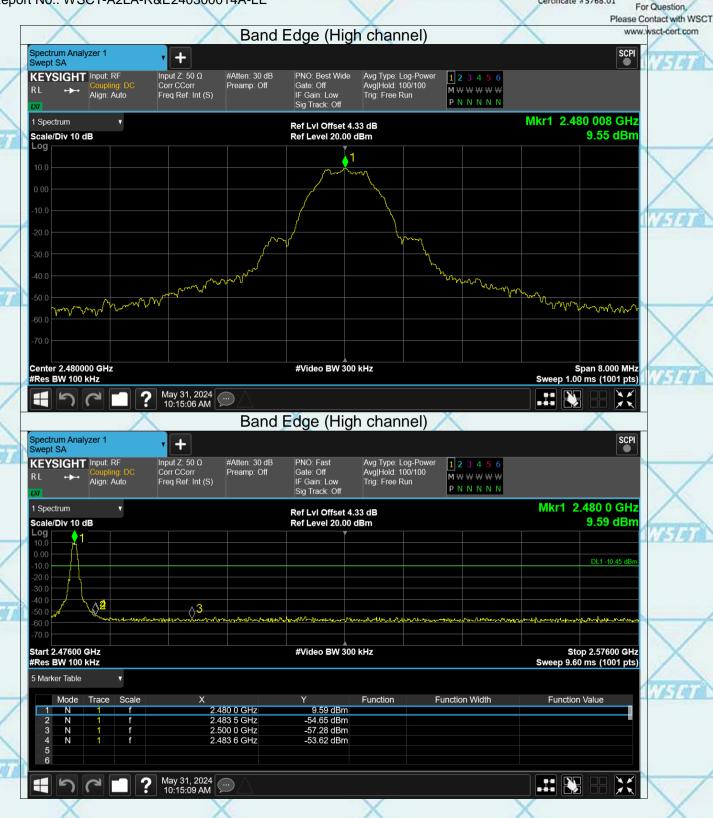
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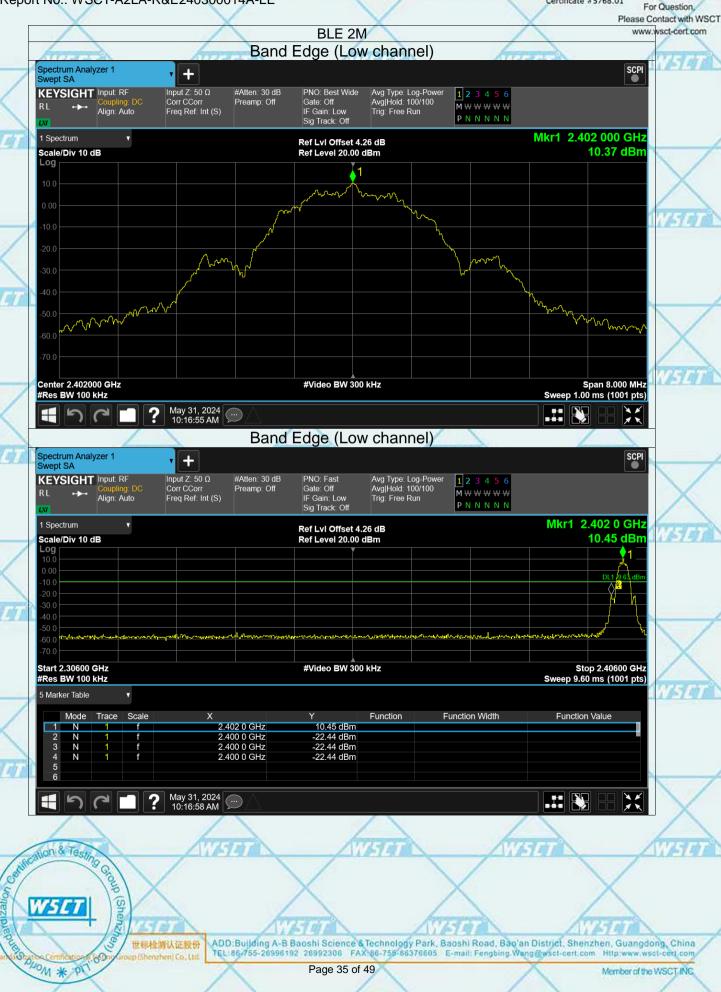
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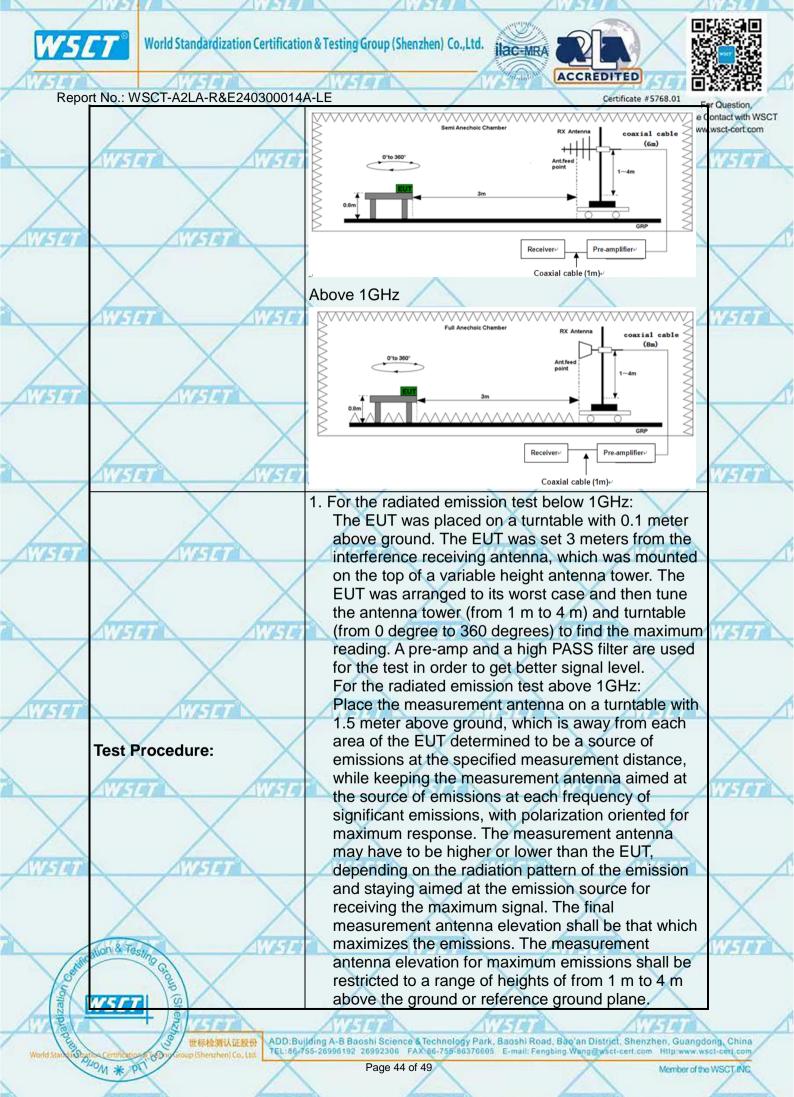


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6.7. Radiated Spurious Emission Measurement

For Question, Please Contact with WSCT www.wsct-cert.com

6.7.1. Test Specification	on	WSET		AWE		ATTA	
Test Requirement:	FCC Part15	C Section	15.209		$- \times$		
Test Method:	ANSI C63.1	0:2014	wso		AVE TH		
Frequency Range:	9 kHz to 25	GHz		1	/		
Measurement Dista	nce: 3 m	X		X			
Antenna Polarizatio	n: Horizontal &	Vertical		AVISI	77	/WATA	
Operation mode:	Refer to iten	n 4.1	V	A	\sim		
WISH WISH	Frequency 9kHz- 150kHz 150kHz-	Detector Quasi-peak Quasi-peak	RBW 200Hz 9kHz	VBW 1kHz 30kHz	Remark Quasi-peak Val Quasi-peak Val		
Receiver Setup:	30MHz 30MHz-1GHz Above 1GHz	Quasi-peak Peak	100KHz 1MHz	300KHz 3MHz	Quasi-peak Val Peak Value		
WEET		Peak	1MHz	10Hz	Average Valu		
\times \times	Frequer 0.009-0.		Field Stre (microvolts/ 2400/F(K	meter)	Measurement Distance (meter 300		
WEIET AVISIE	the second se	0.490-1.705 2 1.705-30		KHz)	30		
\sim	30-88	30-88			3	\mathbf{X}	
Limit:	216-96	216-960			50 <u>3</u> 00 <u>3</u>		
CUPIN	Above 9	960	500	LIPL	3	<u></u>	
WISHT AVISIT	Frequency	(microv	Strength olts/meter) 500	Measurer Distan (meter 3	ce Detecto		
	Above 1GH	7	5000	3	Peak		
WISTER	For radiated	emissions	below 30	MHz		AT THE	
\bigvee	D	Distance = 3m			Computer		
Test setup: 7577	EUT	Turn table		Pre -	Amplifier		
X				_ LŢ	Receiver	X	
Allealion & Testing	117.514	Ground	Plane	L		NU.ST	
	30MHz to 10	GHz	1				
WSET SET	्रमा		ATTA				
World Starkin Rights Certification (1970) sroup (Shenzhen) Co	Ltd TEL:86-755-26996192 2699230	43 of 49	Mark, Baoshi Ro 16605 E-mail: Fe	ad, Bao'an D Ingbing Wange	Pwscl-cert.com Http:w	angdong, China ww.wsci-cori.com rofthe WSCT INC	





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WSET	ATTA A	AVISION	A Subataliant A	CCREDITED	039777 🖊
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>	X X	2. Corrected Read			
/			reamp Factor = Le		www.wsct-cert.com
1975	TATA AVIST	3. For measureme			and the second sec
			asured by the pea		5
$\mathbf{\nabla}$			applicable limit, th		
\wedge	\wedge		oorted. Otherwise,		
hundred .	Aurean		will be repeated us	sing the quasi-pea	ak
	/ ILEIS	detector and re		(Internal)	
		4. Use the followin			\sim
/	$\langle \rangle$		vide enough to full	y capture the	\wedge
here here		emission be	ing measured;		(march)
	AW SU	(2) Set RBW=1	00 kHz for f < 1 G	Hz; VBW ≥RBW	A THINK
\searrow		Sweep = au	to; Detector functi	on = peak; Trace	=
X	X	max hold;			
hand		(3) Set RBW =	1 MHz, VBW= 3M	Hz for f 1 GHz	
WATAT	11/19/	for peak me	asurement.	11414	
		For average m	easurement: VBW	/ = 10 Hz, when	
)	XX	duty cycle is no	less than 98 perc	cent. VBW ≥ 1/T	,
here		when duty cycl	e is less than 98 p	ercent where T is	
			ansmission durati		
$\mathbf{\nabla}$		transmitter is o	n and is transmitti	ng at its maximur	n
\wedge	X		evel for the tested	-	
Test	mode:	Refer to section 4.	1 for details	AVIS OF	
Test	results:	PASS	/		
Net E	rog - Emission fraguency in M		(X	$ \times$

Note: Freq. = Emission frequency in MHz Reading level $(dB\mu V)$ = Receiver reading Corr. Factor (dB) = Attenuation factor + Cable loss Level $(dB\mu V)$ = Reading level $(dB\mu V)$ + Corr. Factor (dB)Limit $(dB\mu V)$ = Limit stated in standard Margin (dB) = Level $(dB\mu V)$ – Limits $(dB\mu V)$

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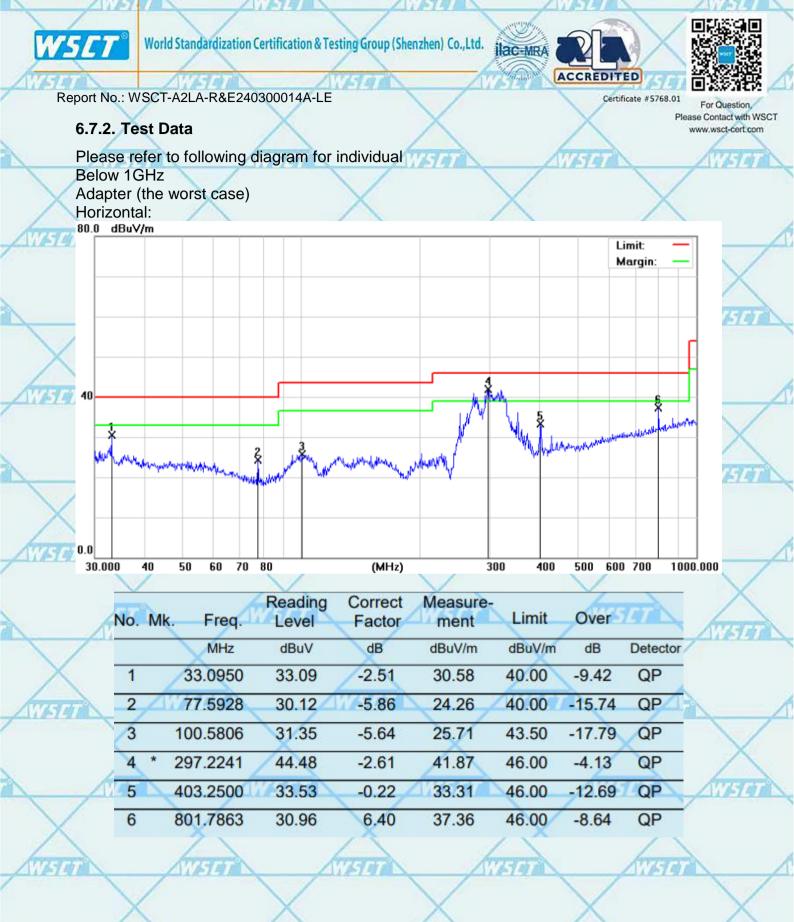
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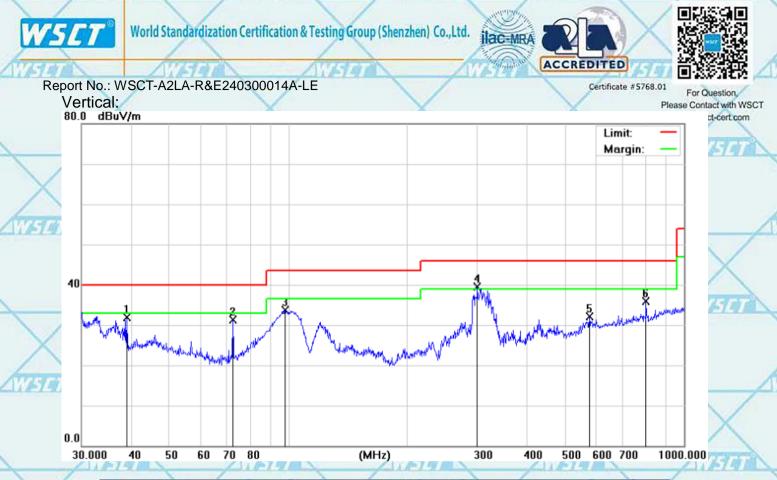
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	TT
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	0	39.0245	33.36	-1.55	31.81	40.00	-8.19	QP
2	1	72.3376	36.57	-5.17	31.40	40.00	-8.60	QP
3		98.1419	39.46	-5.69	33.77	43.50	-9.73	QP
4	*	300.3672	41.96	-2.49	39.47	46.00	-6.53	QP
5	1	576.6443	28.80	3.26	32.06	46.00	-13.94	QP
6		801.7863	29.42	6.40	35.82	46.00	-10.18	QP

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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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\wedge		\wedge	Above 10	GHz		\wedge	www.
Frog			Low cha	nnel: 2402	2MHz		1
Freq. (MHz)	Ant.Pol	Emission I	_evel(dBuV)	Limit 3m	(dBuV/m)	Ove	r(dB)
	H/V	PK	AV	PK	AV	PK	AV
4804	V	60.83	40.48	74	54	-13.17	-13.52
7206	V	59.27	40.16	74	54	-14.73	-13.84
4804	1 CHAN	58.10	39.03	74	54	-15.90	-14.97
7206	Н	59.42	40.42	74	54	-14.58	-13.58
Y		× ·		X		No.	

Freq. (MHz)	Middle channel: 2440MHz							
	Ant.Pol	Emission Level(dBuV) Limit 3m(dBuV/m)			Over(dB)			
	H/V	PK	AV	PK	AV	PK	AV	
4880	V	58.74	41.35	74	54	-15.26	-12.65	
7320	V	58.42	40.07	74	54	-15.58	-13.93	
4880	W5H7	58.73	40.62	74	5 54	-15.27	-13.38	
7320	Н	58.31	39.31	74	54	-15.69	-14.69	

Freq. (MHz)	High channel: 2480 MHz							
	Ant.Pol	Emission l	_evel(dBuV)	Limit 3m	(dBuV/m)	Ove	r(dB)	
	H/V	PK	AV	PK	AV	PK	AV	
4960	V	59.00	40.46	74	54	-15.00	-13.54	
7440	V	58.11	40.07	74	54	-15.89	-13.93	
4960	H	59.75	40.00	74 📈	54	-14.25	-14.00	
7440	WEHLE	58.32	39.32	74	54	-15.68	-14.68	

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1. 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.



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Restricted Bands Requirements

Test result	for GFSK M	ode (the	worst case			Aura	The second	
Frequency	Reading	Correct Factor	Emission Level	Limit	Margin	Polar	Detector	
(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	H/V		
Low Channel								
2390	65.94	-8.73	57.21	74	-16.79	H	PK	
2390	50.43	-8.73	41.70	54	-12.30	нХ	AV	
2390	69.49	-8.73	60.76	74	-13.24	V	PK	
2390	47.69	-8.73	38.96	54	-15.04	V	AV	
			High Cha	nnel				
2483.5	65.47	-8.17	57.30	74	-16.70	н	PK	
2483.5	49.03	-8.17	40.86	54	-13.14	Н	AV	
2483.5	69.43	-8.17	61.26	74	-12.74	V	PK	
2483.5	47.35	-8.17	39.18	54	-14.82	VX	AV	
	N				K.			

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