



TEST REPORT

FCC ID: 2ADYY-K15SDA

Product: Laptop Computer

Model No.: K15SDA

Trade Mark: TECNO

Report No.: WSCT-ANAB-R&E250100005A-LE

Issued Date: 12 February 2025

Issued for:

TECNO MOBILE LIMITED

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

WSET

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Issued By:

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

TEL: +86-755-26996192

FAX: +86-755-86376605

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Test Certification

Product: **Laptop Computer**

K15SDA Model No.:

TECNO Trade Mark:

TECNO MOBILE LIMITED Applicant:

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

SHAN MEI STREET FOTAN NT HONGKONG

TECNO MOBILE LIMITED V/5 Manufacturer: FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25

Address: SHAN MEI STREET FOTAN NT HONGKONG

02 January 2025 to 11 February 2025 W 5 ET Date of Test:

FCC CFR Title 47 Part 15 Subpart C Section 15.247 **Applicable** KDB 558074 D01 DTS Meas Guidance v04 Standards:

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.

WSCT

Tested By:

Checked By:

(Qin Shuiguan)

(Wang Xiang)

Approved By:

(Li Huaibi)

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Note:

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Test Result Summary 2.

	Average Average	THE COLUMN TWO IS NOT	August 1	W5 CT
/	Requirement	CFR 47 Section	Result	WELLI
	Antenna requirement	§15.203/§15.247 (c)	PASS	
7 °	AC Power Line Conducted Emission	WSET §15.207	PASS PASS	
_	Conducted Peak Output W5 [7] Power W5 [§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	WSCT
	Spurious Emission	§15.205/§15.209 §2.1053, §2.1057	PASS	
T AND DE				

- 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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AC-MRA

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EUT Description 3.

	Product:	Laptop Computer W5_T W5_T	V5 CT
\vee	Model No.:	K15SDA	
	Trade Mark:	TECNO	
75141	Software version:	Windows 11	
	Hardware version:	N160DBC01_MB_V10	X
	Operation Frequency:	1M:2402MHz~2480MHz 2M:2402MHz~2480MHz	VS ET
X	Channel Separation:	2MHz	
V5 CT	Number of Channel:	40 WSET WSET	,
	Modulation Technology:	GFSK	$ egthinspace{1.5em} otag$
	Antenna Type:	Integral Antenna	
	Antenna Gain:	2.08dBi	VS ET IN
VSCI	WSET	Adapter1: E065-1R200325VU INPUT: 100-240V~50/60Hz 1.5A OUTPUT: 20.0V3.25A 65.0W	,
	EUT Power Rating	Rechargeable Li-ion Polymer Battery: K15S Nominal Voltage: 11.55V Rated Capacity:6060mAh	X
	W5ET° W	Rated Energy: 70.00Wh Limited Charge Voltage: 13.2V	V5 CT
X	Remark:	N/A.	

4W5 LT	W5 CT	W5ET	WSET	WSET

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Configuration differences

Configuration/
Processor

K15SDA (AMD
Lucienne)

K15SDA (AMD
Barcelo-R)

CPU

LuB R5-5625U 5600U 5600H/:LuC
5800U TDP 15W(5600H TDP with
30w)

R5-7430U/R7-7730U

Note: All models were tested, with the main test model being the K15SDA (R5-7430U)

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Operation Frequency each of channel

Operatio	ii ri cqueile	y caon o	Olianici				
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	10	2422MHz	20	2442MHz	30	2462MHz
1	2404MHz	11	2424MHz	21	2444MHz	31	2464MHz
				1		1.	/
8	2418MHz	18	2438MHz	28	2458MHz	38	2478MHz
9	2420MHz	19	2440MHz	29	2460MHz	39	2480MHz
	Channel 0 1 8	Channel Frequency 0 2402MHz 1 2404MHz 8 2418MHz	Channel Frequency Channel 0 2402MHz 10 1 2404MHz 11 8 2418MHz 18	0 2402MHz 10 2422MHz 1 2404MHz 11 2424MHz 8 2418MHz 18 2438MHz	Channel Frequency Channel Frequency Channel 0 2402MHz 10 2422MHz 20 1 2404MHz 11 2424MHz 21 8 2418MHz 18 2438MHz 28	Channel Frequency Channel Frequency Channel Frequency Channel Frequency 0 2402MHz 10 2422MHz 20 2442MHz 1 2404MHz 11 2424MHz 21 2444MHz 8 2418MHz 18 2438MHz 28 2458MHz	Channel Frequency Channel Grannel Frequency Channel Frequency Channel Frequency Channel Grannel Frequency Channel Ghannel Frequency Channel Frequency Channel Ghannel Frequency Channel Ghannel Ghannel

Remark: Channel 0, 19 & 39 have been tested. 5 7 W 5

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4. Genera Information

4.1. Test environment and mode

Operating Environment:	
Temperature:	25.0 °C
Humidity:	56 % RH
Atmospheric Pressure:	1010 mbar

Test Mode:

Engineering mode:

Keep the EUT in continuous transmitting by select channel and modulations(The value of duty cycle is 98.46%) with Fully-charged battery.

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
	Adapter	E065-1R200325VU	1	1	TECNO

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

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 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 5 27 W 5 27

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.

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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5.3. Measurement Uncertainty

The reported uncertainty of measurement y ± 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 %.

	No.	Item	MU	
AWS ET	1	Conducted Emission Test	±3.2dB	
	2	RF power, conducted	±0.16dB	X
	3 _{W5[}	Spurious emissions, conducted W5 [7]	±0.21dB	W5 L
	4	All emissions, radiated(<1GHz)	±4.7dB	
	5	All emissions, radiated(>1GHz)	±4.7dB	
AWSET"	6	Temperature	±0.5°C	
	7	Humidity	±2.0%	X

	7 Humidity			±2.0%	%	
	W5ET"	W5ET	WSET	WSET	WS	ET
				\checkmark		
Week	WEE	7		VC CT	WEET	
W5ET*	WSE	T WS		VS ET	WSET	$\overline{}$
	X	X	X	X		
1	WSET	W5 ET	WSET	W5 CT	WS	CT
	\searrow			\vee		
WSET	WSE	T WS		V5 CT	WSET	
71171	1171				117.7	/
	X	X	X	X		
	WSET	W5 CT	WSET	WSET	WS	ET
	\sim			\checkmark		
W5 CT	W5 E	T WS	V V	VSET	WSCT	-/
	X	X	X	X		
	WSET	W5CT°	WSET	WSET	attincation& Testing	CT°
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5.4.MEASUREMENT INSTRUMENTS WS [7]

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X	NAME OF EQUIPMENT	MANUFACTURER	MODEL	SERIAL NUMBER	Calibration Date	Calibration Due.	
C	Test software // 5	CT° V	75 EZ-EMC	CON-03A	- /V	V5 CT	
	Test software	/	MTS8310	-	\vee	-	X
	EMI Test Receiver	R&S	ESCI	100005	11/05/2024	11/04/2025	
	LISN	AFJ	LS16 ^{W5}	16010222119	11/05/2024	11/04/2025	'5 L
X	LISN(EUT)	Mestec	AN3016	04/10040	11/05/2024	11/04/2025	
C	Universal Radio Communication Tester	R&S	CMU 200	1100.0008.02	11/05/2024	11/04/2025	
	Coaxial cable	Megalon	LMR400	N/A	11/05/2024	11/04/2025	X
	GPIB cable	Megalon	GPIB	N/A	11/05/2024	11/04/2025	
	Spectrum Analyzer	R&S	FSU W 5 L	100114	11/05/2024	11/04/2025	75 L
<	Pre Amplifier	H.P.	HP8447E	2945A02715	11/05/2024	11/04/2025	
	Pre-Amplifier	CDSI	PAP-1G18-38	Weet	11/05/2024	11/04/2025	
	Bi-log Antenna	SCHWARZBECK	VULB9168	01488	11/05/2024	11/04/2025	
	9*6*6 Anechoic	- X	X		11/05/2024	11/04/2025	X
	Horn Antenna	COMPLIANCE ENGINEERING	CE18000	7	11/05/2024	11/04/2025	15 C
	Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-631	11/05/2024	11/04/2025	
	Cable	TIME MICROWAVE	LMR-400	N-TYPE04	11/05/2024	11/04/2025	
C	System-Controller	CCS V	V5 C7 N/A	N/A CT	N.C.R	N.C.R	
	Turn Table	ccs	N/A	N/A	N.C.R	N.C.R	X
	Antenna Tower	ccs	N/A	N/A	N.C.R	N.C.R	
	RF cable	Murata	MXHQ87WA300 0		11/05/2024	11/04/2025	15 L
<	Loop Antenna	EMCO	6502	00042960	11/05/2024	11/04/2025	
C	Horn Antenna	SCHWARZBECK	BBHA 9170	1123	11/05/2024	11/04/2025	
	Power meter	Anritsu	ML2487A	6K00003613	11/05/2024	11/04/2025	
	Power sensor	Anritsu	MX248XD		11/05/2024	11/04/2025	X
	Spectrum Analyzer	Keysight	N9010B	MY60241089	11/05/2024	11/04/2025	line
							0 0

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6. Test Results and Measurement Data

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. 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:

The Bluetooth antenna is a Integral Antenna. it meets the standards, and the best case gain of the antenna is 2.08dBi.

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6.2. Conducted Emission

2.1. Test Specification		LI
		$\overline{}$
WSET WSE	WS CT WS CT WS CT	ET 1
Limits:	,	
	W5 0.5-5 W5 56 465 CT	
	5-30 60 50	/
X	Reference Plane	
WSCT WSC	40cm to LISN	CT.
×		
Test Setup:		
WSTATE	Receiver	
\sim	, set table meaning plants	
	Remark	
WSCT" WSC	L.S.N. Line Impedence Stabilization Network Test table height=0.8m	ET°
Test Mode:	Charging + Transmitting Mode	
WSET	1. The E.U.T is connected to an adapter through a line impedance stabilization network (L.I.S.N.). This	
	provides a 50ohm/50uH coupling impedance for the	/
X	measuring equipment.	
August Au		
Test Procedure:		
	photographs).	
WSET	3. Both sides of A.C. line are checked for maximum	
WSET	ANSI C63.10:2014 on conducted measurement.	CT°
Test Result:	PASS	Group(
	Test Requirement: Test Method: 5 77 Frequency Range: Receiver setup: W5 77 Test Setup: W5 77 Test Mode: W5 77 Test Procedure: W5 77 W5 77	Test Requirement: FCC Part15 C Section 15.207 Test Method: ANSI C63.10:2014 WS T7 Frequency Range: 150 kHz to 30 MHz Receiver setup: RBW=9 kHz, VBW=30 kHz, Sweep time=auto Frequency range (MHz) Quasi-peak Average 0.15-0.5 66 to 56° 56 to 46° 0.5-30 60 50 Feterence Plane Reference Pla







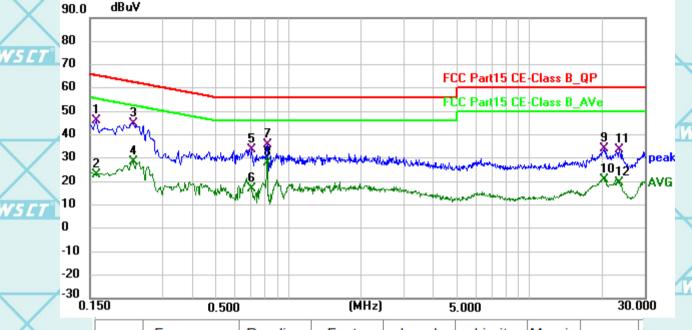
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6.2.2. Test data (worst case)

The worst mode is BLE 2M Conducted Emission on Line Terminal of the power line (150 kHz to 30MHz)

WSET



Frequency Factor Level Reading Limit Margin Detector No. (MHz) (dBuV) (dB) (dBuV) (dBuV) (dB) 0.1590 25.31 20.72 46.03 65.52 -19.49QP 1 2 0.1590 2.14 20.72 22.86 55.52 -32.66 AVG 3 QP 0.2265 24.20 20.67 44.87 62.58 -17.714 0.2265 7.85 28.52 52.58 -24.06 AVG 20.67 5 0.7035 13.28 20.54 33.82 56.00 -22.18 QP 6 0.7035 -3.4320.54 17.11 46.00 -28.89AVG 7 0.8205 15.04 20.59 35.63 56.00 -20.37QP 0.8205 7.37 27.96 -18.04 AVG 8 20.59 46.00 QP 9 20.2830 13.93 20.28 34.21 60.00 -25.7910 20.2830 0.65 20.28 20.93 50.00 -29.07AVG -26.42 11 23.5455 13.08 20.50 33.58 60.00 QP 12 23.5455 -0.8319.67 AVG 20.50 50.00 -30.33

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W5CT W5CT

W5 CT

WSET

W5CT

AWS CT

WSET

WSET

WSCT DE STEEL

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WSET

WELT

IWS CT

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TET WSET

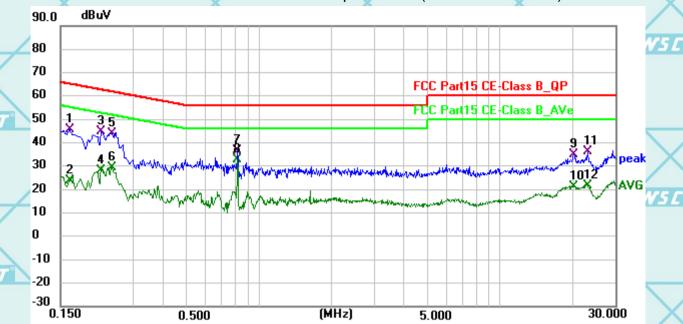






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Conducted Emission on Neutral Terminal of the power line (150 kHz to 30MHz)



15	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	7
	1	0.1635	24.98	20.72	45.70	65.28	-19.58	QP	
	2	0.1635	3.02	20.72	23.74	55.28	-31.54	AVG	
	3	0.2220	24.10	20.68	44.78	62.74	-17.96	QP	
	4	0.2220	7.36	20.68	28.04	52.74	-24.70	AVG	Ī
	5	0.2445	23.30	20.66	43.96	61.94	-17.98	QP	Ī
V5	6	0.2445	8.66	20.66	29.32	51.94	-22.62	AVG	-
	7	0.8160	15.87	20.59	36.46	56.00	-19.54	QP	
	8 *	0.8160	12.07	20.59	32.66	46.00	-13.34	AVG	
	9	20.1975	14.62	20.27	34.89	60.00	-25.11	QP	7
	10	20.1975	0.78	20.27	21.05	50.00	-28.95	AVG	
	11	23.1270	15.79	20.47	36.26	60.00	-23.74	QP	
V 5	12	23.1270	1.11	20.47	21.58	50.00	-28.42	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.

150 kHz to 30MHz.

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WSET"

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WSCT





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6.3. Maximum Conducted (Average) Output Power

	6.3.1. Test	Specification	WSET
--	-------------	----------------------	------

W5C1

W5CT

X	Test Requirement:	FCC Part15 C Section 15.247 (b)(3)	
WSET	Test Method:	KDB558074 W5 CT W5 CT	
	Limit:	30dBm	\times
	Test Setup:	Spectrum Analyzer EUT	WSET
WSCT	Test Mode:	Refer to item 4.1 WS ET WS ET	
WSET	Test Procedure:	 The testing follows the Measurement Procedure of FCC KDB No. 558074 DTS D01 Meas. Guidance v04. Set spectrum analyzer as following: 5 7 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 amplitude level. 	WSCT
X	Test Result:	PASS	
4	(mar)		

W5 CI W5 C1 W5C1 W5 C W5 ET

W5 CT

WSET

W5 CT

W5 E1



W5C1

W5E1

W5 CT

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W5CT

W5 E1



6.3.2. Test Data

	BLE 1M				
	Test channel	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result	
0	Lowest	7.25	30.00	PASS	
1	Middle	7.22	30.00	PASS	
	Highest	7.59	30.00	PASS	

	BLE 2N	Л		Lá
Test channel	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result	
Lowest	7.39 <i>5 [T</i>]	30.00	PASS [7]	_
Middle	7.58	30.00	PASS	
Highest	7.86	30.00	PASS	_

Test plots as follows:

WS CT

		Y	V
^	^		\wedge

WS ET	W5/	7° W5 C	-°	W5CT [®]	W5CT"

WSET® WSET® WSET®	V5 CT	W5 CT "
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V5CT°	WSCT	WSET	MAC CT	W5CT°

W5CT [®]	W5 CT	W5 CT	W5 CT°	scation& Testin
			Y	S. C.

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W5 C1



W5C7









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W5CT°

6.4. Emission Bandwidth

	1 4 P P P P		
61	1 Toct	Specificatio	
0.4.	1. 1631	Specification	

W5 ET

IWS ET

WSET

X	Test Requirement:	FCC Part15 C Section 15.247 (a)(2)	
W5 ET	Test Method:	KDB558074 W5 CT W5 CT	
	Limit:	>500kHz	\mathbf{X}
\searrow	Test Setup:	EUT EUT	WSET
Test Setup: Spectrum Analyzer Refer to item 4.1 1. The testing follows FCC KDB DTS D01 Meas. Guidance v0 2. Set to the maximum power se EUT transmit continuously. 3. Make the measurement with t		Spectrum Analyzer	
W5 CT	Test Mode:	Refer to item 4.1	
WSCT	Test Procedure:	 The testing follows FCC KDB Publication No. 558074 DTS D01 Meas. Guidance v04. Set to the maximum power setting and enable the EUT transmit continuously. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6dB bandwidth must be greater than 500 kHz. 	WSET
		4. Measure and record the results in the test report.	\times
	Test Result:	PASS	
	WSI	474 W474	WSLT

WSCT WSCT WSCT WSCT WSCT WSCT

W5CT

W5 CT

WSET

W5 CT

WSCT WSCT

WSET WS

AWS CT

AWS CT

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W5 CT

W5 E

W5 C7

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W5ET





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W5CT

>500k

6.4.2. Test data

BI	E 1M	WEFT	WE	CT.	11
$\overline{}$	Test channel	6dB Emission	Bandwidth (kHz)		
	rest channel	BT LE mode	Limit	Result	
7	Lowest	0.651	>500k	W5ET*	
	Middle	0.646	>500k	PASS	1
	Highest	0.648	>500k		/

W5 ET BIF 2M

Test channel	6dB Emission I	Bandwidth (kHz))
rest charmer	BT LE mode	Limit	Result
Lowest	1.081	>500k	/ 11/19
Middle	1.091	>500k	PASS

0.661

WS ET

Test plots as follows:

Highest

WSET WSET WSET WS	

W5E

W5 CT WS ET WS CT W5 E1

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W5 CT





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W5 CT -6dB Bandwidth NVNT BLE 2M 2440MHz Ant1 Spectrum Analyzer 1 Occupied BW SCPI + Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq: 2.440000000 GHz Avg|Hold: 200/200 Radio Std: None Trig: Free Run Gate: Off #IF Gain: Low KEYSIGHT Input: RF Alian: Auto Mkr3 2.440534000 GHz Ref Lvl Offset 4.28 dB Ref Value 24.28 dBm 1.73 dBm Scale/Div 10.0 dB **3** δ2 Center 2.440000 GHz #Res BW 100.00 kHz Span 2 MHz Sweep 1.33 ms (10001 pts) #Video BW 300.00 kHz 2 Metrics Measure Trace Trace 1 Occupied Bandwidth
1.8720 MHz Total Power 13.7 dBm -11.091 kHz 1.091 MHz Transmit Freq Error % of OBW Power 99.00 % -6 00 dB x dB Bandwidth x dB ** -6dB Bandwidth NVNT BLE 2M 2480MHz Ant1 Spectrum Analyzer 1 Occupied BW SCPI + Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Center Freq: 2.480000000 GHz Avg|Hold: 100/100 Radio Std: None KEYSIGHT Input: RF Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Align: Auto Mkr3 2.480336000 GHz 1 Graph Ref Lvi Offset 4.33 dB Ref Value 24.33 dBm 1.87 dBm Scale/Div 10.0 dB **3**

Span 2 MHz Sweep 1.33 ms (10001 pts) #Video BW 300.00 kHz Center 2.480000 GHz Measure Trace Trace 1 Occupied Bandwidth
1.0316 MHz 13.3 dBm Total Power Transmit Freq Error x dB Bandwidth 99.00 % 5.600 kHz % of OBW Power 660.8 kHz -6.00 dB **?** Feb 11, 2025 12:29:25 PM **

WSET WSET WSET WSET

WSET WSET WSET WSET

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6.5. Power Spectral Density

6.5.1. Test Specification

	WS CT WS C	T WSFT WSFT	W5C
7	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.	
7	Test Setup:	Spectrum Analyzer EUT	W5C
0	Test Mode:	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. 	WSC
	Test Result:	PASS	X

6.5.2. Test Instruments W5 [7]

	RF Test Room				
1	Equipment	Manufacturer	Model	Serial Number	Calibration Due
	Spectrum Analyzer	R&S	FSU	200054	Nov. 27, 2024
	RF cable (9kHz-26.5GHz)	тст	RE-06	N/A	Nov. 27, 2024
1	Antenna Connector	тст	RFC-01	N/A	Nov. 27, 2024

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

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W5 CT





W5 C1

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W5CT

6.5.3. Test data

W5 CT

W5 C1

	Test channel	Power Spectral D	ensity (dBm/3kl	Hz)
1	rest chamilei	BLE 1M	Limit	Result
	Lowest	-8.07	8	
9	Middle	-9.00	W5C8	PASS
	Highest	-7.09	8	

	Test channel	Power Spectral D	ensity (dBm/3kF	Hz)	WSET
7	rest chamber	BLE 2M	Limit	Result	
	Lowest	-10.22	8		
0	Middle	-9.51	W5C8	PASS	
	Highest	-9.53	8		

Test pl	ots as follows:	ET WS	ET WS	ET" W	S C T
X	X	X	X	X	
WSET	WSET	W5 CT	W5 ET	WSET	$\sqrt{}$
W5	LT WS	W5	ET WS	CT W:	SET
\times	\times	\times	\times	\times	
WSET	WSET	WSET	W5 CT	WSCT	/

	W5 CT°	W5 CT	W5ET"	VS CT WS	[7°]
\ \	\times		\sim	×	
Aura	August 1	ATTENDED	August 1	August 1	
W5		WSL	WSGT	W54	

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W5CT

W5CT° W5

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WSET

W5ET V

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W5 C





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W5 C







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6.6. Conducted Band Edge and Spurious Emission Measurement

6.6.1. Test Specification

6.	6.1. Test Specification	T WSCT WSCT	(W5 ET)
\times	Test Requirement:	FCC Part15 C Section 15.247 (d)	
W5LT°	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
WS ET	Test Setup:	Spectrum Analyzer EUT	WSCT
\bigvee	Test Mode:	Refer to item 4.1	
WS CT	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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WSET

WSET Show (Shenzhen)

W5 ET

W5 C7

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"dalahahah World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** W5 CT Report No.: WSCT-ANAB-R&E250100005A-LE Conducted RF Spurious Emission Test Graphs Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref Spectrum Analyzer 1 Swept SA SCPI **+** Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off Avg Type: Log-Power Avg|Hold: 100/100 Trig: Free Run KEYSIGHT Input: RF 1 2 3 4 5 6 M W W W W W Align: Auto PNNNNN Mkr1 2.401 998 5 GHz 1 Spectrum Ref Lvl Offset 4.26 dB Ref Level 20.00 dBm 7.16 dBm Scale/Div 10 dB Center 2.4020000 GHz #Res BW 100 kHz Span 1.500 MHz Sweep 1.00 ms (1001 pts) #Video BW 300 kHz Peb 11, 2025 Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission Spectrum Analyzer 1 Swept SA SCPI + Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Avg Type: Log-Power Avg|Hold: 10/10 Trig: Free Run KEYSIGHT Input: RF M + W + W + W + WPNNNNN Mkr1 2.401 7 GHz 1 Spectrum Ref Lvl Offset 4.26 dB Ref Level 20.00 dBm 5.56 dBm Scale/Div 10 dB DL1 -12.84 dE **∆**5 **⊘**3 Start 30 MHz #Res BW 100 kHz #Video BW 300 kHz Stop 26.50 GHz Sweep ~2.53 s (30001 pts) **Function Width** Function Value 2.401 7 GHz 25.653 8 GHz 4.658 7 GHz 7.229 0 GHz 9.772 7 GHz 5.56 dBm -46.39 dBm -51.72 dBm -52.05 dBm -51.82 dBm ation& Test ADD: Building A-B, Baoli'an Industrial Park, No.58 and 60, Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China. 深圳世标检测认证股份有限公司 TEL: 0086-755-26996192 26996053 26996144 FAX: 0086-755-86376605 Page 35









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6.7. Radiated Spurious Emission Measurement

	The Part of the Column 2 is		
6.7.1.	Test S	pecificati	on

(WSET)

W5CT

W5 CT

6.	7.1. Test Specification		4-1-1		LIFE		$\overline{}$	4-171
X	Test Requirement:	FCC Part15	C Section	15.209			\times]
W5LT	Test Method:	ANSI C63.10		WSET	1		WSCT	-
	Frequency Range:	9 kHz to 25 (GHz /			7		
	Measurement Distance:	3 m	X					X
	Antenna Polarization: W5 []	Horizontal &	Vertical		W5	57		WSET
\bigvee	Operation mode:	Refer to item	4.1				\vee	
WSET	WSET	Frequency 9kHz- 150kHz 150kHz-	Detector Quasi-peal Quasi-peal		VBW 1kHz 30kHz	Quas	Remark i-peak Value i-peak Value	
	Receiver Setup:	30MHz 30MHz-1GHz	Quasi-peal		300KHz 3MHz	Quas	i-peak Value	X
	WS CT WS CT	Above 1GHz	Peak	1MHz	10Hz	Ave	rage Value	W5 CT
X	\times	Frequen	су	Field Stre	•		asurement nce (meters)	
W5 CT	WSCT	0.009-0.4		2400/F(h			300	-
12/3/4	1	0.490-1.7 1.705-3	_	24000/F(30	KHZ)	_	30	
	\times	30-88	X	100			3	X
		88-216		150			3	
	Limit: WS CT	216-96		200	We		3	WSCT
		Above 9	60	500			3	
WS CT	WSET	Frequency		d Strength ovolts/meter)	Measure Distan (meter	се	Detector	
		Above 1GHz		500	3		Average	
	WSCT WSCT	For radiated	emission	5000 s below 30	MHz		Peak	WSCT
WSET	WS ET	Di:	stance = 3m		Pre	Compu -Amplifier	iter 7	

WSLI

Test setup:

W5CT° W5C

Computer

Pre - Amplifier

Pre - Amplifier

Receiver

Ground Plane

30MHz to 1GHz

SET WSET

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W5C7

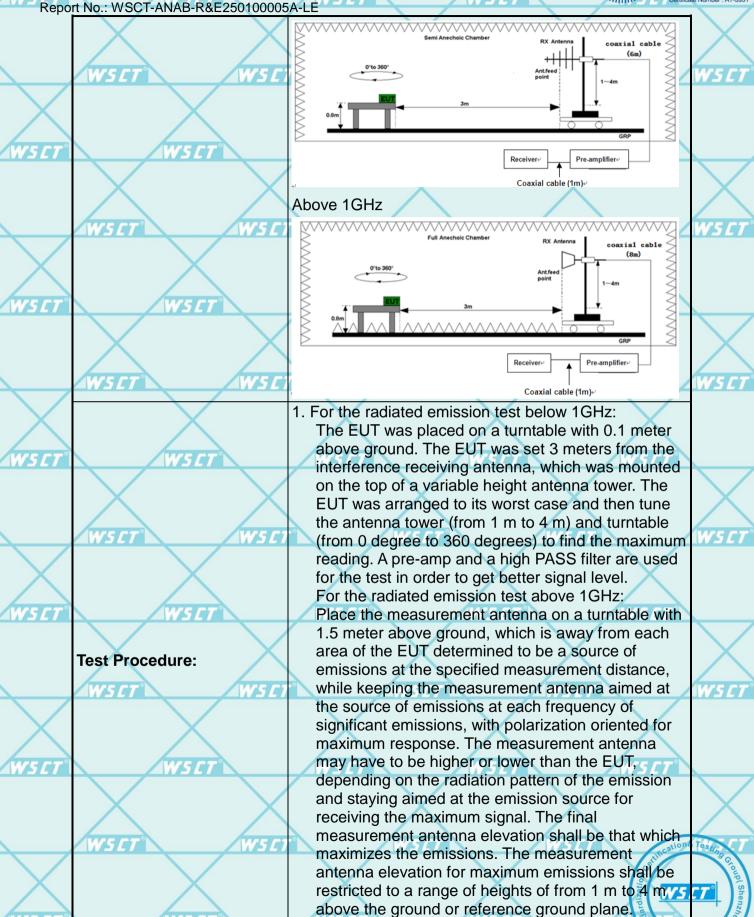
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Report No.: WSCT-ANAB-R&E250100005A-LE 2. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level 3. For measurement below 1GHz. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported. 4. Use the following spectrum analyzer settings: (1) Span shall wide enough to fully capture the emission being measured; (2) Set RBW=100 kHz for f < 1 GHz; VBW ≥RBW;</p> Sweep = auto: Detector function = peak; Trace = max hold: (3) Set RBW = 1 MHz, VBW= 3MHz for f for peak measurement.

duty cycle is no less than 98 percent. VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

For average measurement: VBW = 10 Hz, when

Test mode: Refer to section 4.1 for details

Test results: PASS

Note: Freq. = Emission frequency in MHz Reading level (dBµV) = Receiver reading Corr. Factor (dB) = Attenuation factor + Cable loss

Level (dBµV) = Reading level (dBµV) + Corr. Factor (dB)

Limit (dBµV) = Limit stated in standard

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

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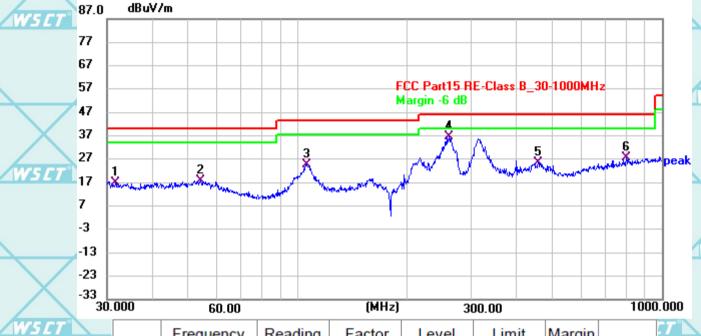
6.7.2. Test Data(worst case)

Please refer to following diagram for individual

The worst mode is BLE 2M

Below 1GHz

Horizontal:



WSET®	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	7
	1	31.8288	36.63	-19.63	17.00	40.00	-23.00	QP	
W.	2	54.1897	37.28	-19.30	17.98	40.00	-22.02	QP	
	3	106.6652	47.47	-22.93	24.54	43.50	-18.96	QP	
	4 *	260.3725	58.34	-21.58	36.76	46.00	-9.24	QP	
WSCT	5	458.3102	41.95	-16.25	25.70	46.00	-20.30	QP	7
	6	800.0310	38.33	-10.87	27.46	46.00	-18.54	QP	

	W5 CT	WSET	W5 CT	W5 ET"	W5CT"
X	X	X	\times	X	

W5 CI W5 C1

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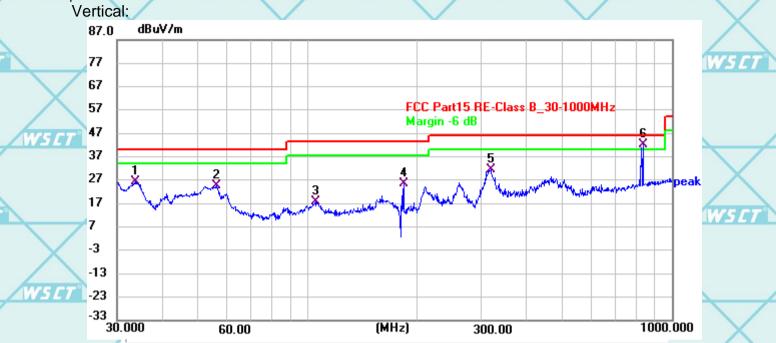






Report No.: WSCT-ANAB-R&E250100005A-LE

W5CT



Z	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	7
	1	33.6951	45.94	-19.51	26.43	40.00	-13.57	QP	
	2	56.2714	44.70	-19.90	24.80	40.00	-15.20	QP	
	3	105.4103	40.76	-23.05	17.71	43.50	-25.79	QP	7
	4	184.0053	48.13	-22.58	25.55	43.50	-17.95	QP	
/	5	319.5164	50.93	-19.57	31.36	46.00	-14.64	QP	
7	6 *	833.3171	52.72	-10.55	42.17	46.00	-3.83	QP	

WSLINATO

AWS CT

AWSET

WSCT

WSCI

Note1:

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 (dBµV) = Limit stated in standard

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

8W3L/

WELT

WELT

IWSCT

IWS CT

W5 C7

WELT

WSCT"

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W5CT





Report No.: WSCT-ANAB-R&E250100005A-LE

W5 CT

Above 1GHz

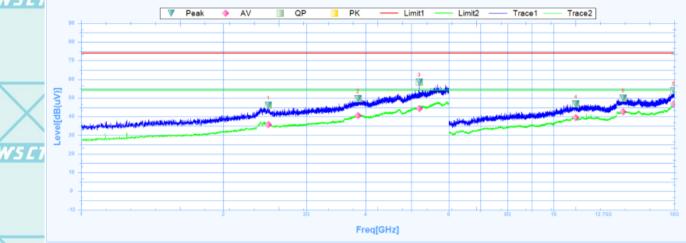
Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental

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:



	Suspu	ted Data Lis	st								
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
4	1	2490.0000	46.19	27.57	18.62	74	-27.81	20	Horizontal	PK	Pass
1	1	2490.0000	35.67	27.57	8.1	54	-18.33	20	Horizontal	AV	Pass
2	2	3853.7500	49.73	29.35	20.38	74	-24.27	321.2	Horizontal	PK	Pass
2	2	3853.7500	40.64	29.35	11.29	54	-13.36	321.2	Horizontal	AV	Pass
3	3	5196.8750	58.46	31.76	26.7	74	-15.54	163.4	Horizontal	PK	Pass
3	3	5196.8750	44.39	31.76	12.63	54	-9.61	163.4	Horizontal	AV	Pass
4	4	11145.0000	46.72	15.81	30.91	74	-27.28	360	Horizontal	PK	Pass
4	4	11145.0000	39.39	15.81	23.58	54	-14.61	360	Horizontal	AV	Pass
į	5	14038.5000	49.98	19.09	30.89	74	-24.02	328	Horizontal	PK	Pass
4	5	14038.5000	42.52	19.09	23.43	54	-11.48	328	Horizontal	AV	Pass
(6	17953.5000	53.82	23.6	30.22	74	-20.18	97.4	Horizontal	PK	Pass
(6	17953.5000	46.73	23.6	23.13	54	-7.27	97.4	Horizontal	AV	Pass

	W5CT°	W5 LT	WSL	7° W	SCT°	W5CT"
X		X	X	X	X	
WELT		WSCT	WSCT	WSCT	WSET	
ALE LA			THE GO	111111111111111111111111111111111111111	TIPIGES.	
				/		

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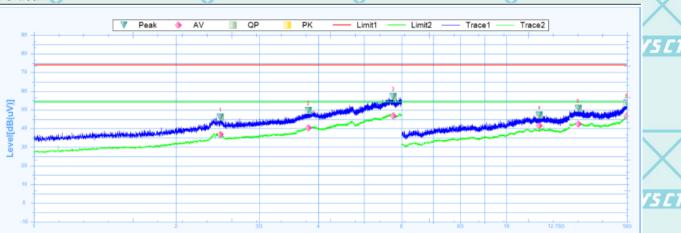
W5 CT





Report No.: WSCT-ANAB-R&E250100005A-LE Vertical:

W5CT



Freq[GHz]

W5CT°

W5 C

W5E

_	Suspu	ited Data Lis	st								
4	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
Ī	1	2481.8750	46.07	27.54	18.53	74	-27.93	-0.1	Vertical	PK	Pass
	1	2481.8750	36.84	27.54	9.3	54	-17.16	-0.1	Vertical	AV	Pass
-[2	3808.7500	49.62	29.24	20.38	74	-24.38	122.8	Vertical	PK	Pass
	2	3808.7500	40.45	29.24	11.21	54	-13.55	122.8	Vertical	AV	Pass
	3	5761.2500	57.16	32.42	24.74	74	-16.84	37.9	Vertical	PK	Pass
	3	5761.2500	46.83	32.42	14.41	54	-7.17	37.9	Vertical	AV	Pass
7	4	11745.0000	47.13	16.11	31.02	74	-26.87	291	Vertical	PK	Pass
	4	11745.0000	41.5	16.11	25.39	54	-12.5	291	Vertical	AV	Pass
	5	14185.5000	50.81	18.94	31.87	74	-23.19	28	Vertical	PK	Pass
	5	14185.5000	42.45	18.94	23.51	54	-11.55	28	Vertical	AV	Pass
	6	17986.5000	53.56	23.83	29.73	74	-20.44	78.2	Vertical	PK	Pass
	6	17986.5000	46.74	23.83	22.91	54	-7.26	78.2	Vertical	AV	Pass

W5 CI W5 E7 W5 C W5C1

W5 CT

W5C1 WS ET WS CT W5 E1

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W5CT

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W5CT

W5 CT

W5C1



W5ET



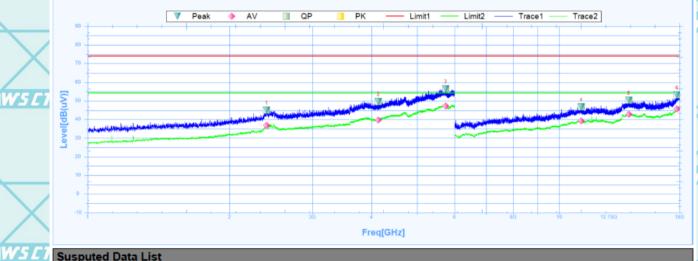


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Middle channel: 2440MHz

Horizontal:

W5CT°



	1
	2
X	2
	3
WELL	3
	A

Suspi	uted Data Lis	t								
NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2396.8750	44.92	27.25	17.67	74	-29.08	229.2	Horizontal	PK	Pass
1	2396.8750	36.89	27.25	9.64	54	-17.11	229.2	Horizontal	AV	Pass
2	4138.7500	49.7	29.95	19.75	74	-24.3	147.9	Horizontal	PK	Pass
2	4138.7500	39.69	29.95	9.74	54	-14.31	147.9	Horizontal	AV	Pass
3	5743.7500	56.45	32.39	24.06	74	-17.55	63	Horizontal	PK	Pass
3	5743.7500	47.32	32.39	14.93	54	-6.68	63	Horizontal	AV	Pass
4	11143.5000	46.87	15.81	31.06	74	-27.13	6.2	Horizontal	PK	Pass
4	11143.5000	39.34	15.81	23.53	54	-14.66	6.2	Horizontal	AV	Pass
5	14046.0000	50.22	19.08	31.14	74	-23.78	1.4	Horizontal	PK	Pass
5	14046.0000	42.72	19.08	23.64	54	-11.28	1.4	Horizontal	AV	Pass
6	17785.5000	53.16	22.53	30.63	74	-20.84	360.1	Horizontal	PK	Pass
6	17785.5000	45.6	22.53	23.07	54	-8.4	360.1	Horizontal	AV	Pass

WSCT	WSCT	WSET	W5 ET	WSCT
\times	\times	\times	$\langle \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	
WSE	WS CI	WSE	WS	WSET
WSCT	WSET	WSET	WSCT	WSET
	X			

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WSET

WSCT

WSCT



W5CT





Report No.: WSCT-ANAB-R&E250100005A-LE

W5 CT

Vertical:



W5CT

W5 C

W5 E

	Suspu	ited Data Lis	it								
Z	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
	1	2463.1250	45.35	27.47	17.88	74	-28.65	140.7	Vertical	PK	Pass
	1	2463.1250	35.72	27.47	8.25	54	-18.28	140.7	Vertical	AV	Pass
	2	3926.2500	49.64	29.52	20.12	74	-24.36	355.4	Vertical	PK	Pass
	2	3926.2500	40.67	29.52	11.15	54	-13.33	355.4	Vertical	AV	Pass
	3	5199.3750	57.13	31.76	25.37	74	-16.87	359.6	Vertical	PK	Pass
	3	5199.3750	44.66	31.76	12.9	54	-9.34	359.6	Vertical	AV	Pass
Ţ	4	11139.0000	47.16	15.82	31.34	74	-26.84	56.6	Vertical	PK	Pass
L	4	11139.0000	39.43	15.82	23.61	54	-14.57	56.6	Vertical	AV	Pass
	5	13959.0000	50.14	19	31.14	74	-23.86	78.1	Vertical	PK	Pass
	5	13959.0000	42.4	19	23.4	54	-11.6	78.1	Vertical	AV	Pass
	6	17820.0000	53.02	22.75	30.27	74	-20.98	360	Vertical	PK	Pass
	6	17820.0000	45.52	22.75	22.77	54	-8.48	360	Vertical	AV	Pass

W5 CI W5 E1 W5C1

W5 CT

W5C1 WS ET WS CT W5 E1

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W5CT W5CT

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W5CT

W5C1



W5 CT





Report No.: WSCT-ANAB-R&E250100005A-LE

port No.: WSCT-ANAB-R&E250100005A-LE High channel: 2480MHz

Horizontal:



W5 [T]

W5CT

W5 CT

W5L

5	Susputed Data List										
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
	1	2451.2500	45.94	27.43	18.51	74	-28.06	143.1	Horizontal	PK	Pass
	1	2451.2500	36.35	27.43	8.92	54	-17.65	143.1	Horizontal	AV	Pass
/	2	3908.7500	49.7	29.48	20.22	74	-24.3	-0.1	Horizontal	PK	Pass
	2	3908.7500	40.91	29.48	11.43	54	-13.09	-0.1	Horizontal	AV	Pass
	3	5957.5000	56.95	32.73	24.22	74	-17.05	358.6	Horizontal	PK	Pass
77	3	5957.5000	47.72	32.73	14.99	54	-6.28	358.6	Horizontal	AV	Pass
	4	11005.5000	46.99	15.64	31.35	74	-27.01	185.8	Horizontal	PK	Pass
	4	11005.5000	39.13	15.64	23.49	54	-14.87	185.8	Horizontal	AV	Pass
	5	13857.0000	50.56	18.71	31.85	74	-23.44	7	Horizontal	PK	Pass
	5	13857.0000	42.29	18.71	23.58	54	-11.71	7	Horizontal	AV	Pass
	6	17914.5000	54.08	23.35	30.73	74	-19.92	185.8	Horizontal	PK	Pass
1	6	17914.5000	46.23	23.35	22.88	54	-7.77	185.8	Horizontal	AV	Pass

WSET WSET WSET WSET

WSCT WSCT WSCT WSCT

WSCT WSCT WSCT WSCT

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WSCT WSCT WSCT WSCT

WS CT

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W5 C 7

WSCT

WSET

W5 ET

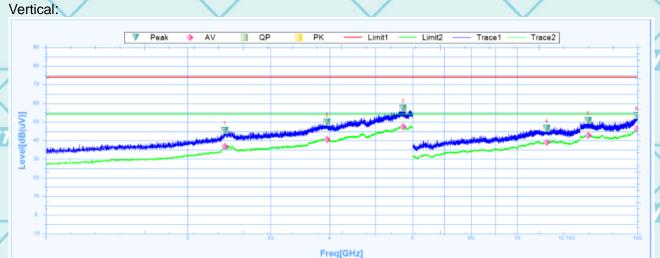






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W5CT



W5 [1

Suspi	uted Data Lis	st								
NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2396.2500	45.55	27.25	18.3	74	-28.45	359.6	Vertical	PK	Pass
1	2396.2500	36.95	27.25	9.7	54	-17.05	359.6	Vertical	AV	Pass
2	3950.0000	49.87	29.58	20.29	74	-24.13	53.5	Vertical	PK	Pass
2	3950.0000	40.68	29.58	11.1	54	-13.32	53.5	Vertical	AV	Pass
3	5725.6250	57.31	32.36	24.95	74	-16.69	55.9	Vertical	PK	Pass
3	5725.6250	47.45	32.36	15.09	54	-6.55	55.9	Vertical	AV	Pass
4	11557.5000	46.64	16.21	30.43	74	-27.36	0.5	Vertical	PK	Pass
4	11557.5000	39.14	16.21	22.93	54	-14.86	0.5	Vertical	AV	Pass
5	14142.0000	50.76	18.99	31.77	74	-23.24	218	Vertical	PK	Pass
5	14142.0000	42.74	18.99	23.75	54	-11.26	218	Vertical	AV	Pass
6	17944.5000	53.49	23.54	29.95	74	-20.51	0.9	Vertical	PK	Pass
6	17944.5000	46.45	23.54	22.91	54	-7.55	0.9	Vertical	AV	Pass

Note:

- 1. All emissions not reported were more than 20dB below the specified limit or in the noise floor.
- 2. Emission Level= Reading Level+Probe Factor +Cable Loss.
- 3. 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.

	WSET	WSET	WSET	W5 CT°	WSCT
			\geq	\geq	
W5ET"	WSCI	W.5	W	ET W.	SET
	X	X	X	X	X

WSET

WSET

WS CT

W5 CT

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WSET

WELT

WELT

WSCT

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WSET

WSET

WSCT





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W5CT

6.7.3. Restricted Bands Requirements

Test result for GESK Mode (the worst case)

	Test result for GFSK whode (the worst case)							
	Frequency	Reading	Correct Factor	Emission Level	Limit	Margin	Polar	Detector
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	H/V	
_		August		Low Chan	nel	Augus	<u> </u>	Aug
Z	2390	64.44	-8.76	55.68	74	18.32	Ŧ	PK
	2390	53.99	-8.76	45.23	54	8.77	Н	AV
	2390	63.85	-8.73	55.12	74	18.88	V	PK
	2390	54.07	-8.73	45.34	54	8.66	V 5	AV
				High Char	nnel			
1	2483.5	64.98	-8.76	56.22	74	17.78	Н	PK
Ý	2483.5	53.45	-8.76	44.69	54	9.31	Ι	AVWS
	2483.5	62.63	-8.73	53.90	74	20.10	V	PK
	2483.5	52.84	-8.73	44.11	54	9.89	V	AV
	Note: Freq. – Emission frequency 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)

				L/ No.	
	WSET	W5 ET	WSET	WSET	WSCT
WSE	$\langle \ \rangle$	$\langle \ \ \rangle$		CT WS	
	WSET	WSET	WSET	WSET	WSCT

NS ET W5 CT WS CT W5 E1

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W5 CI

8 Test Setup Photographs

Please refer to Annex "Set Up Photos-15C" for test setup photos

*****END OF REPORT****

WSE W5 C1

W5C

W5 C7 WS CI WS E7

W5C NSCI WSE

W5 C1