

W5C

WSCT

WS TEST REPORT

FCC ID: 2AJMN-P10003L

W5ET W5Product: Tablet W5/7

Model No.: P10003L

Trade Mark: itel

Report No.: WSCT-ANAB-R&E240900047A-Wi-Fi2

WSET

Issued Date: 16 October 2024

Issued for:

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

WSET

WSET

Issued By:

W5 LT World Standardization Certification & Testing Group(Shenzhen) Co., Ltd. Building A-B, Baoli' an Industrial Park, No. 58 and 60, Tangtou Avenue, Shiyan

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apply to the tested sample.

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WSCT	WSET	WSET	WSET	WSET
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W5 CT

W5CT°





Report No.: WSCT-ANAB-R&E240900047A-Wi-Fi2

Test Certification

Product: Tablet

Model No.: P10003L

Additional Model:

MSET

itel

ITEL MOBILE LIMITED **Applicant:**

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

MEI STREET FOTAN NT HONGKONG

ITEL MOBILE LIMITED Manufacturer:

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

MEI STREET FOTAN NT HONGKONG

Date of Test: 20 September 2024 to 16 October 2024

Applicable FCC CFR Title 47 FCC Part 15 Subpart E 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, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Tested By:

Wartistia

(Wang Xiang)

Checked By:

(Chen Xu)

WSC

Approved By:

(Li Huaibi)

Date:

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Report No.: WSCT-ANAB-R&E240900047A-Wi-Fi2

FUT Description 2

W5 CT

NS CT

WS ET

W5 ET

,	WS CT Description	CT WSCT WSCT WS	ET.
	Product:	Tablet	
	Model No.:	P10003L	
	Trade Mark:	itel WSET WSET WSET	-/
		Band 1: 5180-5240 MHz	X
	Operation Frequency:	Band 2: 5260-5320 MHz	
1	oporation i roquonoy.	Band 3: 5500-5700 MHz W5 [7]	
		Band 4: 5745-5825 MHz	
	Modulation type:	IEEE 802.11a/n/ac: OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)	
	Automa Tomas	W 57	
	Antenna Type:	FPC Antenna	
	Antenna Gain	1.32dBi	W. ET
		Adapter1: U100ISB	S C T
		Input: 100-240V~50/60Hz 0.3A	
		Output: 5.0V2.0A	W. CT
	Operating Voltage:	Rechargeable Li-ion Polymer Battery: P10003L	
	Operating voltage.	Rated Voltage: 3.8V W5 [7]	/
		Rated Capacity: 7000mAh/26.60Wh	
		Typical Capacity: 7030mAh/26.71Wh	
		Limited Charge Voltage: 4.35V	723
_	Remark:	N/A.	

Note: 1. N/A stands for no applicable.
2. Antenna gain provided by the customer.

	WSET	WSET	WSET	WSCT WSCT
\times	X	\times		X
WSET	WSET	WSET	WSCT	WSET

W5CT WS ET W5 ET WS CT

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3 TEST DESCRIPTION

3.1 MEASUREMENT UNCERTAINTY

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

WS ET

2		X		X
	No.	Item	Uncertainty	
W5	51°	Conducted Emission Test W5/	±3.2dB W5 <i>ET</i>	W5 CT
	2	RF power, conducted	±0.16dB	
	3	Spurious emissions, conducted	±0.21dB	
WSET	4 W	All emissions, radiated(<1GHz)	±4.7dB5	WS ET
	5	All emissions, radiated(>1GHz)	±4.7dB	
	6	Temperature	±0.5°C	
W5	7	Humidity/5/7	±2% W577°	WSCT
	8	Receiver Spurious Emissions	±2.5%	
X	9	Transmitter Unwanted Emissions in the Spurious Domain	±2.5%	X
WSCT	10 W	Transmitter Unwanted Emission in	±1.3%/5/7	WS ET
		the out-of Band		
>	11	Occupied Channel Bandwidth	±2.4%	X

WSCT	WSET	WSET	WSET	WSET
\times		$\langle \rangle$	$\langle \rangle$	\mathbf{X}

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WSCT WSCT WSCT

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SET WSET







Report No.: WSCT-ANAB-R&E240900047A-Wi-Fi2

3.2 TEST ENVIRONMENT AND MODE

Operating Environment:		5
Temperature:	25.0 °C	
Humidity:	56 % RH	
Atmospheric Pressure:	1010 mbar V5 C T	
Test Mode:		

Keep the EUT in continuous transmitting by Engineering mode: select channel and modulations(The value of duty cycle is 98.46%)

The sample was placed (0.8m 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. For the full battery state and The output power to the maximum state.

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

	Test Mode	Description
	Mode 1	802.11a
	Mode 2	802.11n20
/	Mode 3	802.11n40 W5EI
	Mode 4	802.11ac20
	Mode 5	802.11ac40
	Mode 6 5 ET	W5 ET 802.11ac80 W5 ET

15 C

(1) The measurements are performed at the highest, lowest available channels.

(2) The EUT use new battery.

(3) Record the worst case of each test item in this report.

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3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

W5ET

		1								$\overline{}$
	Test program			*#	*#3646	633#*#	*			X
				Test	Freque	ncy (M	Hz)		4	
/	Mode	-/	W > L		NCB: 2	0MHz				LT
	802.11a	5180	5240	5260	5320	5500	5700	5745	5825	
	802.11n	5180	5240	5260	5320	5500	5700	5745	5825	
	802.11ac	5180	5240	5260	5320	5500	5700	5745	5825	
	\times		X		NCB: 4	0MHz				X
	802.11n	5190	5230	5270	5310	5510	5670	5755	5795	
/	802.11ac	5190	5230	5270	5310	5510	5670	5755	5795	ET°
		\vee			NCB: 8	0MHz		\vee		
	802.11ac	5210	5290	5530	5610	5775				
7	W	'5 E T "		W	<i>'5 [T</i> 1			VS CT		

WS ET WS CT W5 E1 W5 C1 W5C1

WS ET W5CT W5 CT W5 CT W5C1

NS CI WSCI W5 CI WSEI W5C

WSE W5 E1 W5C W5C1

W5 C1 W5 C1 tion& Testin W5 ET WSEI W5CT

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W5CT



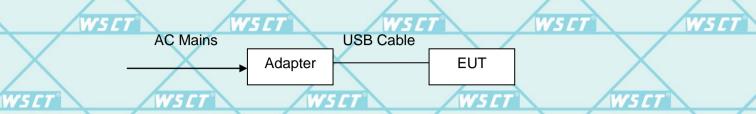
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CONFIGURATION OF SYSTEM UNDER TEST



WS CI

(EUT: Tablet)

3.4 DESCRIPTION OF SUPPORT UNITS (CONDUCTED MODE)

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.

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
7	Adapter Adapter	WSCT	U100ISB	WSET	1
2	Router	ASUS	GT-AXE11000	M6LAJF201230	1/

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in <code>"Length_"</code> column.
- (3) "YES" is means "shielded" "with core"; "NO" is means "unshielded" "without core".
- (4) The adapter supply by the applicant.

WSET	WSET	WSET	WSET	WSCT
W.5	ET W	5 C T W.	W. W.	SCT WSCT
WSET	WSET	WSET	WSET	WSET
		\times		5.57 Jone 16.1 5.7

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WSCT WSCT

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W5 CT



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SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

Standard SectionTest ItemJudgmentRemark2.1049 15.403(i)26dB & 99% BandwidthPASSComplies15.407(e)6dB Spectrum BandwidthPASSComplies15.407(a)Maximum Conducted Output PowerPASSComplies15.407(a)Power Spectral DensityPASSComplies15.407(b)Unwanted EmissionsPASSComplies15.207AC Conducted EmissionPASSComplies15.407(g)Frequency StabilityPASSComplies15.203 & 15.407(a)Automatically Discontinue TransmissionPASSComplies15.407(h)Transmit Power Control (TPC) and Dynamic Frequency Selection (DFS)PASSComplies	C I		FCC Part15 Subpart C&E			9
15.403(i) 26dB & 99% Bandwidth PASS Complies 15.407(e) 6dB Spectrum Bandwidth PASS Complies 15.407(a) Maximum Conducted Output Power 15.407(a) Power Spectral Density PASS Complies 15.407(b) Unwanted Emissions PASS Complies 15.207 AC Conducted Emission PASS Complies 15.407(g) Frequency Stability PASS Complies 15.407(c) Automatically Discontinue Transmission PASS Complies 15.203 & Antenna Requirement PASS Complies 15.407(a) Transmit Power Control (TPC) and PASS Complies			Test Item	Judgment	Remark	
15.407(a) Maximum Conducted Output Power PASS Complies 15.407(a) Power Spectral Density PASS Complies 15.407(b) Unwanted Emissions PASS Complies 15.207 AC Conducted Emission PASS Complies 15.407(g) Frequency Stability PASS Complies 15.407(c) Automatically Discontinue Transmission PASS Complies 15.203 & Antenna Requirement PASS Complies 15.407(b) Transmit Power Control (TPC) and PASS Complies			26dB & 99% Bandwidth	PASS	Complies	
15.407(a) Output Power 15.407(a) Power Spectral Density PASS Complies 15.407(b) Unwanted Emissions PASS Complies 15.207 AC Conducted Emission PASS Complies 15.407(g) Frequency Stability PASS Complies 15.407(c) Automatically Discontinue Transmission PASS Complies 15.203 & Antenna Requirement PASS Complies 15.407(b) Transmit Power Control (TPC) and PASS Complies		15.407(e)	6dB Spectrum Bandwidth	PASS	Complies	
15.407(b) Unwanted Emissions PASS Complies 15.207 AC Conducted Emission PASS Complies 15.407(g) Frequency Stability PASS Complies 15.407(c) Automatically Discontinue Transmission PASS Complies 15.203 & Antenna Requirement PASS Complies 15.407(a) Transmit Power Control (TPC) and PASS Complies	<u> </u>	115 407(2)		PASS	Complies	_
15.207 AC Conducted Emission W5 T7 PASS W5 Complies 15.407(g) Frequency Stability PASS Complies 15.407(c) W5 Automatically Discontinue Transmission PASS Complies 15.203 & Antenna Requirement PASS Complies 15.407(a) Transmit Power Control (TPC) and PASS Complies	L I	15.407(a)	Power Spectral Density	PASS	Complies	
15.407(g) Frequency Stability PASS Complies 15.407(c) Automatically Discontinue Transmission PASS Complies 15.203 & Antenna Requirement PASS Complies 15.407(a) Transmit Power Control (TPC) and PASS Complies		15.407(b)	Unwanted Emissions	PASS	Complies	
15.407(c) W5 Automatically Discontinue Transmission PASS Complies 15.203 & Antenna Requirement PASS Complies 15.407(a) Transmit Power Control (TPC) and PASS Complies		15.2075 <i>[</i>]	AC Conducted Emission W5	PASS W5	Complies	7
15.203 & Antenna Requirement PASS Complies 15.407(a) Transmit Power Control (TPC) and PASS Complies	<	15.407(g)	Frequency Stability	PASS	Complies	
15.407(a) Antenna Requirement PASS Compiles 15.407(b) Transmit Power Control (TPC) and PASS Compiles	C I	15.407(c) W5 C	Automatically Discontinue Transmission	PASS	Complies	0
15.407(h) Transmit Power Control (TPC) and Dynamic Frequency Selection (DFS) Complies					Complies	
		15.407(h)	Transmit Power Control (TPC) and Dynamic Frequency Selection (DFS)	PASS	Complies	

NOTE:

(1)" N/A" denotes test is not applicable in this test report.

W5 CT W5 E1 W5 CI W5 E1

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MEASUREMENT INSTRUMENTS

	WSCT	WSCT	WSIT	M	15 CT	W5	7
7	NAME OF EQUIPMENT	MANUFACTURER	MODEL	SERIAL NUMBER	Calibration Date	Calibration Due.	
7	Test software	W-	C/EZ-EMC	CON-03A	WS	ET -	
	Test software		MTS8310	-	V-	-	/
	EMI Test Receiver	R&S	ESCI	100005	11/05/2023	11/04/2024	
_	W5 CLISN	AFJ AFJ	LS16 ⁵ [7]	16010222119	11/05/2023	11/04/2024	Ľ
	LISN(EUT)	Mestec	AN3016	04/10040	11/05/2023	11/04/2024	
7	Universal Radio Communication Tester	R&S W	CMU 200	1100.0008.02	11/05/2023	11/04/2024	
	Coaxial cable	Megalon	LMR400	N/A	11/05/2023	11/04/2024	/
	GPIB cable	Megalon	GPIB	N/A	11/05/2023	11/04/2024	
/	Spectrum Analyzer	R&S	FSU ⁵	100114	11/05/2023	11/04/2024	L
	Pre Amplifier	H.P.	HP8447E	2945A02715	11/05/2023	11/04/2024	
	Pre-Amplifier	CDSI	PAP-1G18-38		11/05/2023	11/04/2024	
/ L	Bi-log Antenna	SCHWARZBECK	VULB9168	01488	7/29/2024	7/28/2025	
	9*6*6 Anechoic	X	- X	-	11/05/2023	11/04/2024	<
	Horn Antenna	COMPLIANCE ENGINEERING	CE18000	- /	11/05/2023	11/04/2024	L
	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	
7	System-Controller	ccs	CT N/A	W N/A	N.C.RV	N.C.R	
	Turn Table	ccs	N/A	N/A	N.C.R	N.C.R	1
	Antenna Tower	ccs	N/A	N/A	N.C.R	N.C.R	
7	RF cable	Murata	MXHQ87WA300 0		11/05/2023	11/04/2024	L
	Loop Antenna	EMCO	6502	00042960	11/05/2023	11/04/2024	
70	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	
	Spectrum Analyzer	Keysight	N9010B	MY60241089	11/05/2023	11/04/2024	Ç

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Facilities and Accreditations

6.1 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 22. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

6.2 ACCREDITATIONS

ANAB - Certificate Number: AT-3951

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

WS	CT W	SET W	SET W	SET	WSET
\times	X	\times	\times	X	
WSET	WSET W	WSET W	WSET W	WS CT	WSET
WSET	WSCT	WSLT	WSET	WSCT	
WS	CT W	SET W	SET W	SCT	WSET
WSET	WSCT	WSET	WSET	WSCT	
W5		\times	\times	\times	νά Τός μα
WSET	WSET	WSET	WSET	Magardization Community	Testing Group (Shenzhen)

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Test Results and Measurement Data 7

7.1 CONDUCTED EMISSION MEASUREMENT

POWER LINE CONDUCTED EMISSION Limits (Frequency Range 150KHz-30MHz)

WSE

7	FREQUENCY (MHz)	Class A	(dBuV)	Class B	(dBuV)	Standard
	FREQUENCT (MITZ)	Quasi-peak	Average	Quasi-peak	Average	Stariuaru
-	0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	FCC
	w 5 0.50 -5.0	73.00	60.00	56.00	46.00	FCC
	5.0 -30.0	73.00	60.00	60.00	50.00	FCC

Note:

W5 CT

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

WSCI

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

WSE

The following table is the setting of the receiver

	Receiver Parameters	Setting
	Attenuation	10 dB
1	Start Frequency	0.15 MHz
Ż	Stop Frequency W5 ET	<i>W5 L</i> 30 MHz <i>W5 LT</i>
	IF Bandwidth	9 kHz

WSCI

W5 C

WS C

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7.1.1 TEST PROCEDURE

- a. The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

IWS CT

7.2 DEVIATION FROM TEST STANDARD

No deviation

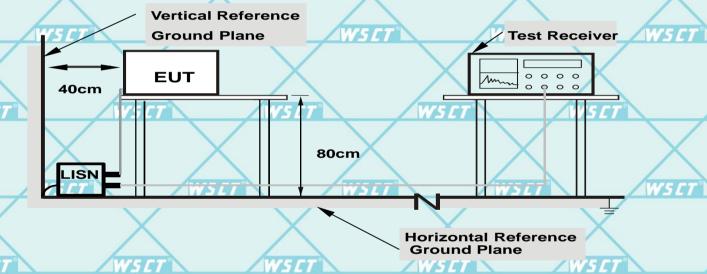
W5 CT W5 C

W5CT

WS CT°

TEST SETUP

WSCI



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

7.2.1 EUT OPERATING CONDITIONS

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

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.

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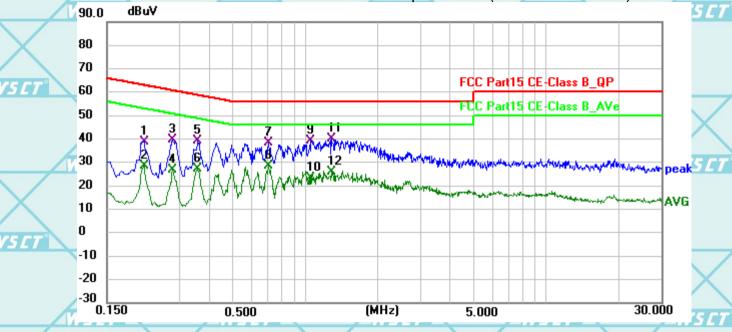


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Report No.: WSCT-ANAB-R&E240900047A-Wi-Fi2

7.2.2 TEST RESULTS

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



\times	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	
Number	1	0.2130	17.93	20.68	38.61	63.09	-24.48	QP	4
W5CT W	2	0.2130	7.94	20.68	28.62	53.09	-24.47	AVG	4
	3	0.2805	19.00	20.64	39.64	60.80	-21.16	QP	
	4	0.2805	6.24	20.64	26.88	50.80	-23.92	AVG	
1	5	0.3570	18.41	20.60	39.01	58.80	-19.79	QP	
WSCT®	6	0.3570	6.63	20.60	27.23	48.80	-21.57	AVG	-
	7	0.7035	17.73	20.54	38.27	56.00	-17.73	QP	
	8	0.7035	8.07	20.54	28.61	46.00	-17.39	AVG	
hungara hun	9	1.0590	18.50	20.67	39.17	56.00	-16.83	QP	4
W5CT W	10	1.0590	2.48	20.67	23.15	46.00	-22.85	AVG	Ľ
	11 *	1.2839	19.46	20.65	40.11	56.00	-15.89	QP	
	12	1.2839	5.41	20.65	26.06	46.00	-19.94	AVG	

Remark: All the modes have been investigated, and only worst mode is presented in this report.

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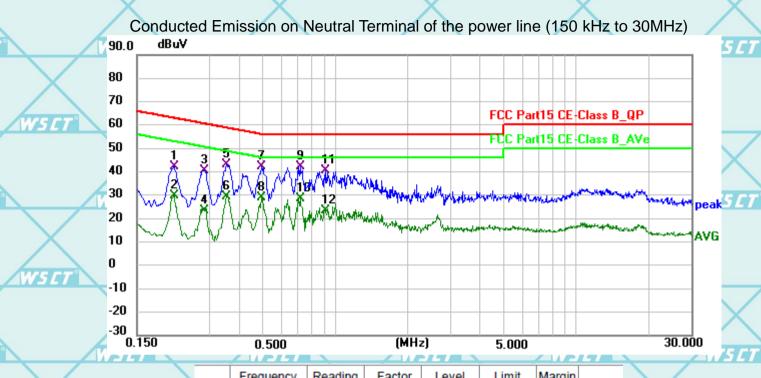
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	No.	(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)	Detector	
	1	0.2130	21.40	20.68	42.08	63.09	-21.01	QP	
W	2	0.2130	8.99	20.68	29.67	53.09	-23.42	AVG	1
	3	0.2850	19.88	20.64	40.52	60.67	-20.15	QP	
	4	0.2850	2.72	20.64	23.36	50.67	-27.31	AVG	
	5	0.3525	22.54	20.60	43.14	58.90	-15.76	QP	
	6	0.3525	8.70	20.60	29.30	48.90	-19.60	AVG	
	7	0.4920	21.78	20.51	42.29	56.13	-13.84	QP	
	8	0.4920	8.22	20.51	28.73	46.13	-17.40	AVG	
	9 *	0.7170	21.70	20.55	42.25	56.00	-13.75	QP	
W	10	0.7170	7.77	20.55	28.32	46.00	-17.68	AVG	1
	11	0.9150	19.80	20.63	40.43	56.00	-15.57	QP	
	12	0.9150	2.80	20.63	23.43	46.00	-22.57	AVG	

Note1:

W5 CI

Freq. = Emission frequency in MHz

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

Corr. Factor (dB) = Antenna 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.

For multiple adapters, the report only displays the adapter with the worst data.

W5C

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7.3 RADIATED EMISSION MEASUREMENT

Radiated Emission Limits (Frequency Range 9kHz-1000MHz)

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

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	Frequencies	Field Strength	Measurement Distance
-	(MHz)	(micorvolts/meter)	(meters)
	0.009~0.490	2400/F(KHz)	300
	0.490~1.705	24000/F(KHz)	30
V	1.705~30.0 W5 L	30 W5 LT	30
	30~88	100	3
	88~216	150	3
-	216~960	W5 ET200	W5 [T] 3 W 5[
	Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

/			/
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	Spectrum Parameter	Setting
\	Attenuation	SCT WSC Auto WSCT
	Start Frequency	1000 MHz
	Stop Frequency	10th carrier harmonic
,	RB / VB (emission in restricted	1 MHz / 1 MHz for Peak, 1 MHz / 1Hz for Average
	band)	1 WITE THE TOTAL CAR, TWITE THE TOTAL CAGE

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

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7.3.1 TEST PROCEDURE

a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.

W5ET

- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

 Note:

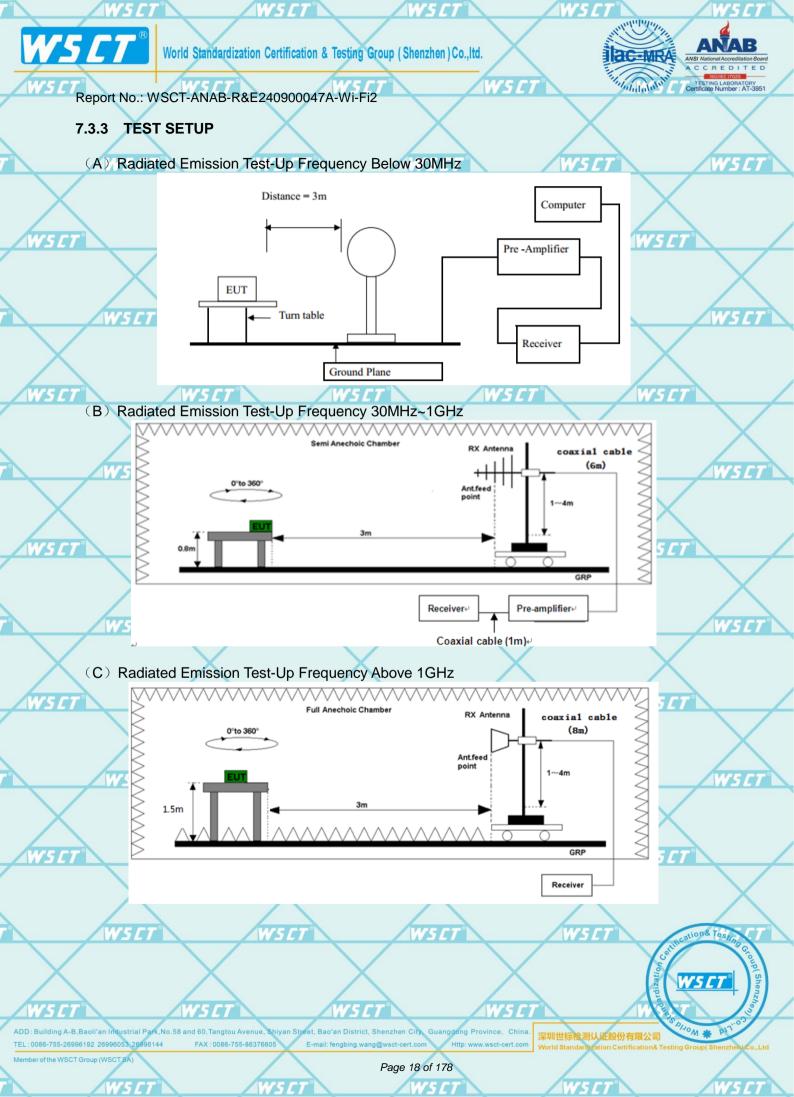
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

	orthogonal axis. The wors	st case emissions were rep	ported	
7.3	3.2 DEVIATION FROM T	EST STANDARD	SET WS	ET" WSET"
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	WSET	WS ET	SET WS	ET WSET
WSCT	WSET	WSET	WSET	WSET
		\times	SET WS	CT WSCT
WSCT	WSET	WSET	WSET	WSET
	X	\times	$\langle \hspace{0.1cm} \rangle$	cations Testing
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7.3.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing. 5 [7]

7.3.5 RESULTS (BELOW 30 MHZ)

15 C

_					
	Freq.	Reading	Limit	Margin	State
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
	\	_	\		Р
	X	X	X	X	Р

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 Note 2: average 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.

Note 4: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

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WSE	$\langle \hspace{0.1cm} \rangle$	$\langle \ \ \rangle$	CT W	SET	WSET
WSET	WSET	WSET	WSET	WSET	
WSI	$\langle \hspace{0.1cm} \rangle$			X	WSET
WSET	WSET	WSET	WSET	WSET	
	$\langle \ \rangle$			X	X

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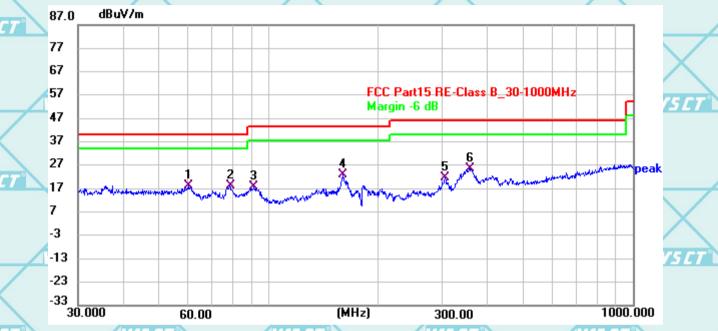
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7.3.6 TEST RESULTS (BETWEEN 30M – 1000 MHZ)

Please refer to following diagram for individual

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Horizontal:



Below 1GHz

Factor Limit Frequency Reading Level Margin No. Detector (MHz) (dBuV) (dB/m) (dBuV/m) (dBuV/m) (dB) 60.5184 38.75 -20.49 18.26 40.00 -21.74 QP 1 78.5509 41.86 18.04 40.00 -21.96 2 -23.82QP W5CI 3 42.23 17.98 43.50 -25.52 QP 91.3346 -24.2542.38 22.72 43.50 QP 4 159.9947 -19.66-20.785 306.6193 41.66 -20.0321.63 46.00 -24.37 QP 6 * 357.3017 44.64 -19.00 25.64 46.00 -20.36 QP

Remark: All the modes have been investigated, and only worst mode is presented in this report.

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Frequency Reading Factor Level Limit Margin No. (MHz) (dBuV) (dB/m) (dBuV/m) (dBuV/m) (dB) 36.2223 -19.44 40.00 -13.33 QP 46.11 26.67 1 51.5033 45.83 -19.00 26.83 40.00 -13.17 QP 2 * 3 59.9113 46.61 -20.32 26.29 40.00 -13.71 QP 88.0329 51.93 -24.0427.89 43.50 -15.61 QP 4 QP 5 159.5045 41.22 -19.6521.57 43.50 -21.93 182.7193 47.63 -22.38 25.25 43.50 -18.25QP

Note1:

W5CI

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 (dBµV) - Limits (dBµV)

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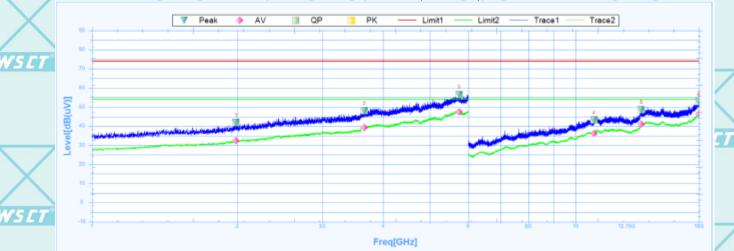
TEST RESULTS (ABOVE 1GHZ)

Note: 1.The spurious above 18G is noise only, do not show on the report.

2. Report and only recorded the worst-case scenario 802.11a.

11a, 1 GHz to 18 GHz, Channel (5180 MHz), ANT H

W5 CT



	Suspu	ited Data Lis	st									
7	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	C i
	1	1986.8750	41.92	2.25	39.67	74	-32.08	359.5	Horizontal	PK	Pass	
	1	1986.8750	32.38	2.25	30.13	54	-21.62	359.5	Horizontal	AV	Pass	
- •	2	3660.6250	48.18	10.31	37.87	74	-25.82	351.8	Horizontal	PK	Pass	
	2	3660.6250	39.36	10.31	29.05	54	-14.64	351.8	Horizontal	AV	Pass	
	3	5743.1250	56.43	20.9	35.53	74	-17.57	28.5	Horizontal	PK	Pass	/
	3	5743.1250	47.4	20.9	26.5	54	-6.6	28.5	Horizontal	AV	Pass	
	4	10914.0000	43.27	39.38	3.89	74	-30.73	263.4	Horizontal	PK	Pass	
	4	10914.0000	36.09	39.38	-3.29	54	-17.91	263.4	Horizontal	AV	Pass	C I
/	5	13680.0000	48.65	40.67	7.98	74	-25.35	25.6	Horizontal	PK	Pass	
	5	13680.0000	40.98	40.67	0.31	54	-13.02	25.6	Horizontal	AV	Pass	
	6	17985.0000	52.81	46.4	6.41	74	-21.19	181	Horizontal	PK	Pass	
7	6	17985.0000	46.35	46.4	-0.05	54	-7.65	181	Horizontal	AV	Pass	

W5	[7° 6	17985.0000	46.35	46.4	-0.05	54	-7.65	181	Horizontal	AV	Pass	
		X		X		X			X			7
	W	SET	- M	VS ET		W5 CT			V5 ET		W5	CT"
			\checkmark									
W5	T I	/11	75 ET		WSET		WSL			WSET		
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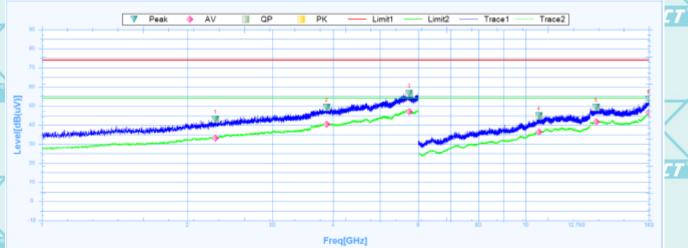




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11a, 1 GHz to 18 GHz, Channel (5180 MHz), ANT V



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W5 CT

1	Suspu	ited Data Lis	st									
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	
	1	2281.8750	43.01	26.86	16.15	74	-30.99	-0.1	Vertical	PK	Pass	4
	1	2281.8750	33.19	26.86	6.33	54	-20.81	-0.1	Vertical	AV	Pass	1
	2	3880.0000	49.27	29.41	19.86	74	-24.73	57	Vertical	PK	Pass	1
	2	3880.0000	40.38	29.41	10.97	54	-13.62	57	Vertical	AV	Pass	
	3	5748.1250	56.53	32.4	24.13	74	-17.47	342.7	Vertical	PK	Pass	1
	3	5748.1250	47.11	32.4	14.71	54	-6.89	342.7	Vertical	AV	Pass	1
	4	10656.0000	44.72	14.53	30.19	74	-29.28	157	Vertical	PK	Pass	1
	4	10656.0000	36.43	14.53	21.9	54	-17.57	157	Vertical	AV	Pass	
Ī	5	13993.5000	49.18	19.1	30.08	74	-24.82	43.5	Vertical	PK	Pass	
	5	13993.5000	41.78	19.1	22.68	54	-12.22	43.5	Vertical	AV	Pass	4
	6	17983.5000	53.38	23.81	29.57	74	-20.62	36.3	Vertical	PK	Pass	
Γ	6	17983 5000	46 64	23.81	22.83	54	-7.36	36.3	Vertical	ΔV	Pass	

8 17983.5000 46.84 23.81 22.83 54 -7.36 36.3 Vertical AV Pass

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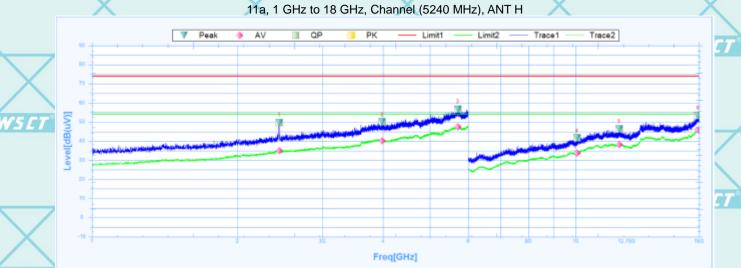






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	Suspu	usputed Data List													
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	<			
	1	2438.1250	49.75	27.39	22.36	74	-24.25	38.8	Horizontal	PK	Pass				
_	1	2438.1250	34.98	27.39	7.59	54	-19.02	38.8	Horizontal	AV	Pass	4			
	2	3984.3750	50.09	29.66	20.43	74	-23.91	277.8	Horizontal	PK	Pass				
	2	3984.3750	40.23	29.66	10.57	54	-13.77	277.8	Horizontal	AV	Pass				
/	3	5708.7500	56.83	32.33	24.5	74	-17.17	199	Horizontal	PK	Pass				
7 8	3	5708.7500	47.46	32.33	15.13	54	-6.54	199	Horizontal	AV	Pass				
	4	10069.5000	41.65	12.56	29.09	74	-32.35	70.2	Horizontal	PK	Pass				
	4	10069.5000	33.77	12.56	21.21	54	-20.23	70.2	Horizontal	AV	Pass	/			
	5	12303.0000	46.45	16.47	29.98	74	-27.55	240.1	Horizontal	PK	Pass				
	5	12303.0000	38.23	16.47	21.76	54	-15.77	240.1	Horizontal	AV	Pass				
7	6	17899.5000	53.52	23.26	30.26	74	-20.48	0	Horizontal	PK	Pass	2			
	6	17899.5000	45.89	23.26	22.63	54	-8.11	0	Horizontal	AV	Pass				

	_	17000.0000	00.02	20.20	00.20		20.10		1 TOTIZOTILA			1
	6	17899.5000	45.89	23.26	22.63	54	-8.11	0	Horizontal	AV	Pass	
WSET		M	YS ET		WSET		WSL			WSET		
<u> </u>		\langle		X		X			X			
WSET		SET [®]	SET	VS CT®	WSLT	<u> W5 CT</u> °	WSI		YS ET"	WSCT	ZWS	CT°
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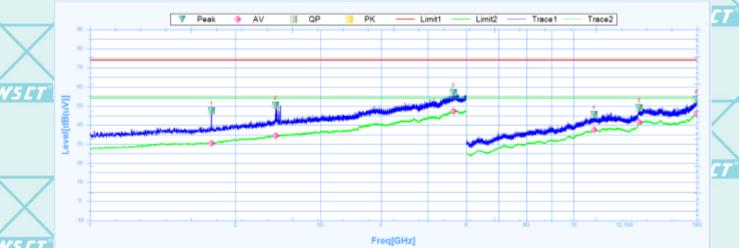




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W5CT°

11a, 1 GHz to 18 GHz, Channel (5240 MHz), ANT V



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	Suspu	ited Data Lis	st									
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	
	1	1783.1250	47.51	24.99	22.52	74	-26.49	221.7	Vertical	PK	Pass	5
/	1	1783.1250	30.52	24.99	5.53	54	-23.48	221.7	Vertical	AV	Pass	
	2	2421.2500	50.38	27.33	23.05	74	-23.62	117.7	Vertical	PK	Pass	
	2	2421.2500	34.52	27.33	7.19	54	-19.48	117.7	Vertical	AV	Pass	
78	3	5639.3750	56.92	32.22	24.7	74	-17.08	12.1	Vertical	PK	Pass	
	3	5639.3750	47.22	32.22	15	54	-6.78	12.1	Vertical	AV	Pass	
	4	11019.0000	45.52	15.67	29.85	74	-28.48	199.4	Vertical	PK	Pass	/
	4	11019.0000	37.6	15.67	21.93	54	-16.4	199.4	Vertical	AV	Pass	/
	5	13666.5000	48.92	18.16	30.76	74	-25.08	0	Vertical	PK	Pass	
_	5	13666.5000	41.55	18.16	23.39	54	-12.45	0	Vertical	AV	Pass	4
/	6	17949.0000	53.41	23.57	29.84	74	-20.59	101.4	Vertical	PK	Pass	
	6	17949.0000	46.16	23.57	22.59	54	-7.84	101.4	Vertical	AV	Pass	

	•		00.11	20.01	20.0		20.00		V CI LIOCII			
X	6	17949.0000	46.16	23.57	22.59	54	-7.84	101.4	Vertical	AV	Pass	
WSET		M	VS ET		WSET		W5 L	7		WSET		
				\checkmark								
	W	5ET	/	VS ET®		WSET		/	VS CT		W5	ET°
X			X		X		$\overline{}$			X		
W5 CT		M	SET		WSET		WSL	7		WSET		
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	W	SET°	/0	VSCT		WSET		V	VS CT	cati	on& Test	CT°
X			X		X		X			w California (1)	SCT	Group (Sh
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FAX: 0086-755-86376605

WSLT

深圳世标检测认证股份有限公司

W5CT°



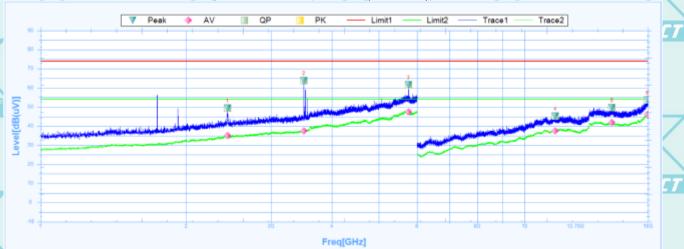




Report No.: WSCT-ANAB-R&E240900047A-Wi-Fi2

11a, 1 GHz to 18 GHz, Channel (5260 MHz), ANT H

W5CT



WS CT'

WS ET

W5 CT

	Susputed Data List													
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	<		
	1	2433.7500	49.43	27.37	22.06	74	-24.57	342.6	Horizontal	PK	Pass			
,	1	2433.7500	35.01	27.37	7.64	54	-18.99	342.6	Horizontal	AV	Pass	4		
	2	3501.8750	63.74	28.5	35.24	74	-10.26	151.5	Horizontal	PK	Pass			
	2	3501.8750	37.51	28.5	9.01	54	-16.49	151.5	Horizontal	AV	Pass			
	3	5760.6250	61.67	32.42	29.25	74	-12.33	359.5	Horizontal	PK	Pass	1		
70	3	5760.6250	47.43	32.42	15.01	54	-6.57	359.5	Horizontal	AV	Pass			
	4	11581.5000	45.25	16.2	29.05	74	-28.75	360	Horizontal	PK	Pass			
	4	11581.5000	37.6	16.2	21.4	54	-16.4	360	Horizontal	AV	Pass			
	5	15154.5000	49.67	19.49	30.18	74	-24.33	1.2	Horizontal	PK	Pass			
	5	15154.5000	41.98	19.49	22.49	54	-12.02	1.2	Horizontal	AV	Pass			
,	6	17950.5000	53.6	23.58	30.02	74	-20.4	127.1	Horizontal	PK	Pass	4		
	6	17950.5000	46.15	23.58	22.57	54	-7.85	127.1	Horizontal	AV	Pass			

	6	17950.5000	46.15	23.58	22.57	54	-7.85	127.1	Horizontal	AV	Pass	
WSCT		,	VSET		WSET		WSE			WSCT		
	W	SET		VS ET		WSET		M	/SET		WS	
WSET			(SET		WSET		WSI			WSCT		
	W	SET		VS ET		WSET			75ET		on& Testio	CT°
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SCT WSCT

W5CT

FAX: 0086-755-86376605



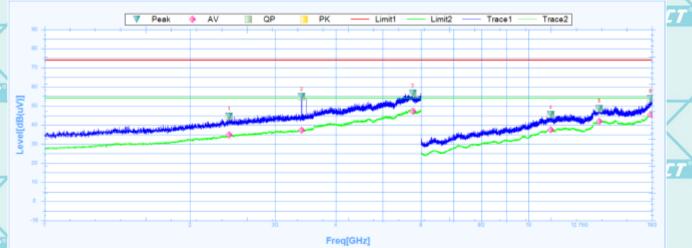




Report No.: WSCT-ANAB-R&E240900047A-Wi-Fi2

W5CT

11a, 1 GHz to 18 GHz, Channel (5260 MHz), ANT V



NS ET

W5 C1

W5 CT

	Suspu	ited Data Lis	st									L
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	K
	1	2408.1250	44.52	27.29	17.23	74	-29.48	34.4	Vertical	PK	Pass	5
	1	2408.1250	34.79	27.29	7.5	54	-19.21	34.4	Vertical	AV	Pass	1
	2	3400.6250	55.01	28.44	26.57	74	-18.99	140.8	Vertical	PK	Pass]
	2	3400.6250	37.2	28.44	8.76	54	-16.8	140.8	Vertical	AV	Pass]
	3	5766.2500	56.67	32.43	24.24	74	-17.33	234.1	Vertical	PK	Pass	
	3	5766.2500	47.26	32.43	14.83	54	-6.74	234.1	Vertical	AV	Pass	
	4	11121.0000	45.45	15.84	29.61	74	-28.55	62.6	Vertical	PK	Pass	
	4	11121.0000	37.49	15.84	21.65	54	-16.51	62.6	Vertical	AV	Pass	
	5	14011.5000	48.65	19.12	29.53	74	-25.35	54.2	Vertical	PK	Pass	
_	5	14011.5000	41.85	19.12	22.73	54	-12.15	54.2	Vertical	AV	Pass	4
	6	17869.5000	53.75	23.07	30.68	74	-20.25	233.5	Vertical	PK	Pass	
	6	17869.5000	45.47	23.07	22.4	54	-8.53	233.5	Vertical	AV	Pass]

WSET WS ET W5 CT

> W5 CI W5 C W5 C

W5 ET W5E7 WS C1 W5 E1

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W5C1

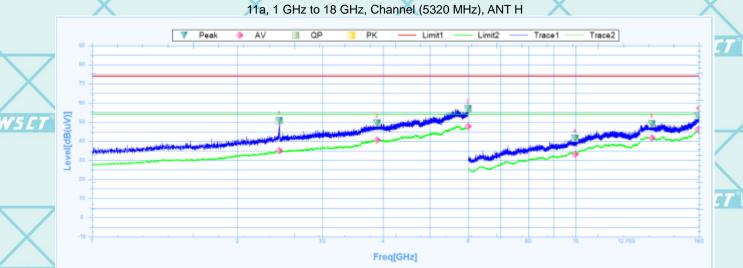






Report No.: WSCT-ANAB-R&E240900047A-Wi-Fi2

W5CT



WS ET

	Suspu	usputed Data List													
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	<			
	1	2439.3750	50.74	27.39	23.35	74	-23.26	181.4	Horizontal	PK	Pass				
_	1	2439.3750	35.17	27.39	7.78	54	-18.83	181.4	Horizontal	AV	Pass	4			
	2	3889.3750	49.41	29.43	19.98	74	-24.59	137.1	Horizontal	PK	Pass				
	2	3889.3750	40.7	29.43	11.27	54	-13.3	137.1	Horizontal	AV	Pass				
/	3	5990.6250	56.86	32.78	24.08	74	-17.14	73.8	Horizontal	PK	Pass				
7	3	5990.6250	47.61	32.78	14.83	54	-6.39	73.8	Horizontal	AV	Pass				
	4	9976.5000	41.44	12.3	29.14	74	-32.56	72.2	Horizontal	PK	Pass				
	4	9976.5000	33.03	12.3	20.73	54	-20.97	72.2	Horizontal	AV	Pass				
	5	14376.0000	49.1	18.74	30.36	74	-24.9	3.9	Horizontal	PK	Pass				
	5	14376.0000	41.72	18.74	22.98	54	-12.28	3.9	Horizontal	AV	Pass				
,	6	17904.0000	53.15	23.29	29.86	74	-20.85	178.6	Horizontal	PK	Pass	2			
	6	17904.0000	46.03	23.29	22.74	54	-7.97	178.6	Horizontal	AV	Pass				

	6	17904.0000	53.15	23.29	29.86	74	-20.85	178.6	Horizontal	PK	Pass	7.4
	6	17904.0000	46.03	23.29	22.74	54	-7.97	178.6	Horizontal	AV	Pass	
WSET		/v	YSET		WSET		WSE	7		WSET		
		SCT	/	VS ET		WSET		/	VS ET"		W/5	CT.
WSET			VSET V		WSET		WSI			WSET		
		SET		VSET		WSCT			VS ET			(T)
X			X		X		\rangle			irdizati,	5 <i>E T</i> °	Group(Shenz

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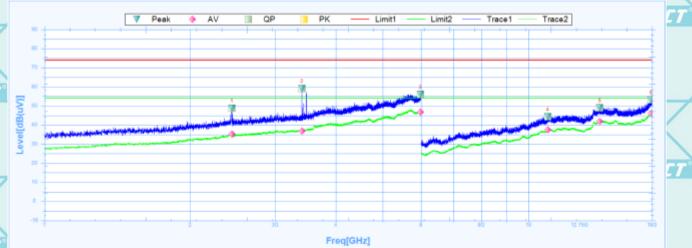




Report No.: WSCT-ANAB-R&E240900047A-Wi-Fi2

W5CT

11a, 1 GHz to 18 GHz, Channel (5320 MHz), ANT V



NS ET

W5 C1

W5 CT

	Suspu	ited Data Lis	st									L
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	
	1	2438.1250	48.81	27.39	21.42	74	-25.19	263.8	Vertical	PK	Pass	3
	1	2438.1250	35.37	27.39	7.98	54	-18.63	263.8	Vertical	AV	Pass	1
	2	3404.3750	59.1	28.44	30.66	74	-14.9	263.8	Vertical	PK	Pass]
	2	3404.3750	36.8	28.44	8.36	54	-17.2	263.8	Vertical	AV	Pass]
	3	5976.8750	56.07	32.76	23.31	74	-17.93	-0.1	Vertical	PK	Pass	
	3	5976.8750	46.81	32.76	14.05	54	-7.19	-0.1	Vertical	AV	Pass	
	4	10957.5000	44.44	15.38	29.06	74	-29.56	149.9	Vertical	PK	Pass	
	4	10957.5000	37.43	15.38	22.05	54	-16.57	149.9	Vertical	AV	Pass	
	5	14043.0000	49.06	19.08	29.98	74	-24.94	71	Vertical	PK	Pass	
_	5	14043.0000	42.02	19.08	22.94	54	-11.98	71	Vertical	AV	Pass	4
	6	17922.0000	53.2	23.4	29.8	74	-20.8	307.8	Vertical	PK	Pass	
	6	17922.0000	46.03	23.4	22.63	54	-7.97	307.8	Vertical	AV	Pass	

WSCT WS ET W5CT W5 C7

> W5 CI W5 C W5 C

W5 ET W5E7 WS C1 W5 E1 tion& Test

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W5C1

W5C1

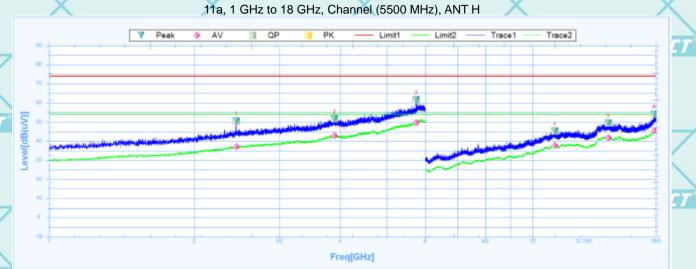






Report No.: WSCT-ANAB-R&E240900047A-Wi-Fi2

W5CT



WS CT

WS ET

	Suspu	ited Data Lis	ST									
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	<
	1	2438.1250	50.59	27.39	23.2	74	-23.41	-0.1	Horizontal	PK	Pass	
-	1	2438.1250	36.98	27.39	9.59	54	-17.02	-0.1	Horizontal	AV	Pass	4
	2	3898.1250	51.59	29.46	22.13	74	-22.41	21.3	Horizontal	PK	Pass	
	2	3898.1250	42.71	29.46	13.25	54	-11.29	21.3	Horizontal	AV	Pass	
/	3	5746.8750	61.65	32.39	29.26	74	-12.35	161.1	Horizontal	PK	Pass	
7	3	5746.8750	49.66	32.39	17.27	54	-4.34	161.1	Horizontal	AV	Pass	
	4	11122.5000	45.26	15.84	29.42	74	-28.74	360.1	Horizontal	PK	Pass	
	4	11122.5000	37.78	15.84	21.94	54	-16.22	360.1	Horizontal	AV	Pass	
	5	14350.5000	49.33	18.76	30.57	74	-24.67	121.3	Horizontal	PK	Pass	
	5	14350.5000	41.74	18.76	22.98	54	-12.26	121.3	Horizontal	AV	Pass	
,	6	17832.0000	54.11	22.82	31.29	74	-19.89	59.1	Horizontal	PK	Pass	2
	6	17832.0000	45.53	22.82	22.71	54	-8.47	59.1	Horizontal	AV	Pass	

	•	17002.0000	01.11	22.02	01.20	, ,	-10.00	00.1	Honzontai	110	1 433	
	6	17832.0000	45.53	22.82	22.71	54	-8.47	59.1	Horizontal	AV	Pass	
WSET		M	YSET		WSET		WSL	7		WSET		
		T.		VSCT		WSET			VSET*			ET°
WSET			SET	<i>F1</i> 78	WSLT		WSI		<i>F</i> 1518.	WSET		
	W	o ET		VS ET		WSET			VSET*		on& Testin	CT°
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W5CT°

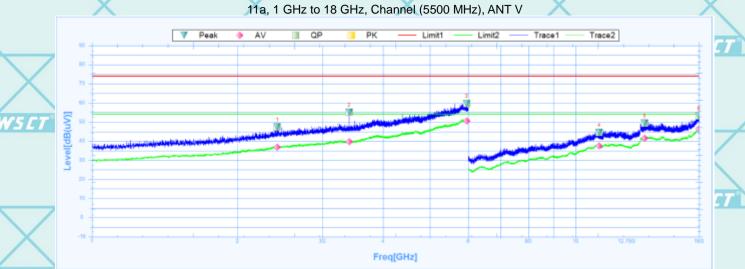






Report No.: WSCT-ANAB-R&E240900047A-Wi-Fi2

W5CT



WS CT

WS ET

	Suspu	ited Data Lis	st									-
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	<
	1	2418.1250	47.49	27.32	20.17	74	-26.51	-0.1	Vertical	PK	Pass	
-	1	2418.1250	36.91	27.32	9.59	54	-17.09	-0.1	Vertical	AV	Pass	4
	2	3404.3750	55.2	28.44	26.76	74	-18.8	224.4	Vertical	PK	Pass	
	2	3404.3750	39.69	28.44	11.25	54	-14.31	224.4	Vertical	AV	Pass	
/	3	5958.7500	59.7	32.73	26.97	74	-14.3	7.1	Vertical	PK	Pass	
7 8	3	5958.7500	50.6	32.73	17.87	54	-3.4	7.1	Vertical	AV	Pass	
	4	11190.0000	44.51	15.75	28.76	74	-29.49	0.5	Vertical	PK	Pass	
	4	11190.0000	37.44	15.75	21.69	54	-16.56	0.5	Vertical	AV	Pass	/
	5	13887.0000	49.41	18.8	30.61	74	-24.59	324.5	Vertical	PK	Pass	
	5	13887.0000	41.5	18.8	22.7	54	-12.5	324.5	Vertical	AV	Pass	
,	6	17989.5000	53.22	23.86	29.36	74	-20.78	123.6	Vertical	PK	Pass	2
	6	17989.5000	46.32	23.86	22.46	54	-7.68	123.6	Vertical	AV	Pass	

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	6	17989.5000	46.32	23.86	22.46	54	-7.68	123.6	Vertical	AV	Pass	
WSET			YSET	,	WSET		WSL			WSET		
	\w/	SET		VSCT		WSET			VS ET		W.5	
WSET			VSET V		WSLT		WSL			WSET		
	W	SET		WS ET		WSCT		/V	VS ET	cati	on& Testio	er i
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W5 CT

W5CT



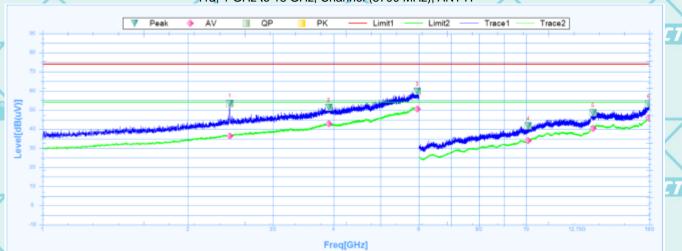




Report No.: WSCT-ANAB-R&E240900047A-Wi-Fi2

11a, 1 GHz to 18 GHz, Channel (5700 MHz), ANT H

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W5 CT"

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W5 CT

	Suspu	ited Data Lis	ST									
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	
	1	2438.7500	53.52	27.39	26.13	74	-20.48	251.9	Horizontal	PK	Pass	
,	1	2438.7500	36.36	27.39	8.97	54	-17.64	251.9	Horizontal	AV	Pass	4
	2	3906.8750	51.5	29.48	22.02	74	-22.5	259.1	Horizontal	PK	Pass	
	2	3906.8750	42.77	29.48	13.29	54	-11.23	259.1	Horizontal	AV	Pass	
	3	5956.8750	59.81	32.73	27.08	74	-14.19	-0.1	Horizontal	PK	Pass	
. @	3	5956.8750	50.56	32.73	17.83	54	-3.44	-0.1	Horizontal	AV	Pass	
	4	10105.5000	41.72	12.68	29.04	74	-32.28	222.8	Horizontal	PK	Pass	
	4	10105.5000	33.93	12.68	21.25	54	-20.07	222.8	Horizontal	AV	Pass	1
	5	13740.0000	48.56	18.37	30.19	74	-25.44	175	Horizontal	PK	Pass	
	5	13740.0000	40.35	18.37	21.98	54	-13.65	175	Horizontal	AV	Pass	
,	6	17922.0000	53.24	23.4	29.84	74	-20.76	360	Horizontal	PK	Pass	4
	6	17922.0000	45.85	23.4	22.45	54	-8.15	360	Horizontal	AV	Pass	

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SET WSL

深圳世标检测认证股份有限公司

WSET

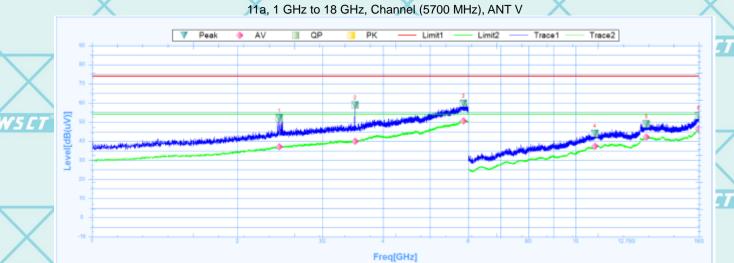






Report No.: WSCT-ANAB-R&E240900047A-Wi-Fi2

W5CT



WS CT

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	Suspu	ited Data Lis	st									ı
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	1
	1	2439.3750	52.16	27.39	24.77	74	-21.84	104.5	Vertical	PK	Pass	ŀ
7	1	2439.3750	36.97	27.39	9.58	54	-17.03	104.5	Vertical	AV	Pass	4
	2	3502.5000	58.83	28.51	30.32	74	-15.17	72.2	Vertical	PK	Pass	
	2	3502.5000	39.83	28.51	11.32	54	-14.17	72.2	Vertical	AV	Pass	
	3	5865.6250	59.75	32.58	27.17	74	-14.25	176.2	Vertical	PK	Pass	1
0	3	5865.6250	50.61	32.58	18.03	54	-3.39	176.2	Vertical	AV	Pass	
	4	10963.5000	44.16	15.41	28.75	74	-29.84	354	Vertical	PK	Pass	
	4	10963.5000	37.36	15.41	21.95	54	-16.64	354	Vertical	AV	Pass	
	5	14013.0000	49.04	19.11	29.93	74	-24.96	181.4	Vertical	PK	Pass	
	5	14013.0000	42.11	19.11	23	54	-11.89	181.4	Vertical	AV	Pass	
,	6	17971.5000	53.47	23.73	29.74	74	-20.53	53.4	Vertical	PK	Pass	4
	В	17071 5000	48 57	23.73	22.84	54	-7.43	53.4	Vertical	Δ\/	Pacc	1

	6	17971.5000	46.57	23.73	22.84	54	-7.43	53.4	Vertical	AV	Pass	
WSCT		M	YSET .		WSET		WSL			WSET		
		X		X		X			X			
		SET°	X	VS ET®		∠W5 CT°			YS ET®	X	W5	
WSET		SET	SET .	WSET	WSCT	WSCT	W51		VSET	W5 CT		<i>(11</i> °
X			X		X		$\overline{}$			diztive M	5 C T°	Group(Shen

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W5CT° W5C



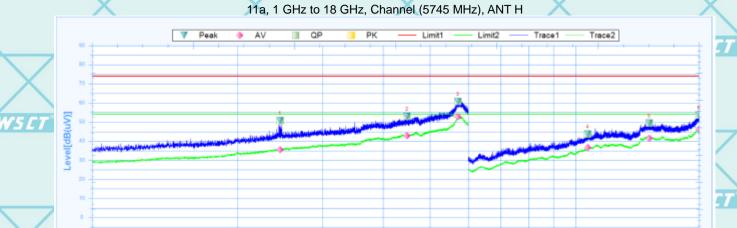




Report No.: WSCT-ANAB-R&E240900047A-Wi-Fi2

/ / /

W5CT



Freq[GHz]

W5 ET

NS ET

	Suspu	ited Data Lis	st									
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	
	1	2448.7500	50.65	27.43	23.22	74	-23.35	284.8	Horizontal	PK	Pass	
,	1	2448.7500	35.6	27.43	8.17	54	-18.4	284.8	Horizontal	AV	Pass	4
	2	4484.3750	52.86	30.57	22.29	74	-21.14	338.6	Horizontal	PK	Pass	
	2	4484.3750	42.9	30.57	12.33	54	-11.1	338.6	Horizontal	AV	Pass	
	3	5708.7500	60.7	32.33	28.37	74	-13.3	35	Horizontal	PK	Pass	
- 6	3	5708.7500	52.64	32.33	20.31	54	-1.36	35	Horizontal	AV	Pass	
	4	10590.0000	43.72	14.28	29.44	74	-30.28	212.6	Horizontal	PK	Pass	
	4	10590.0000	36.59	14.28	22.31	54	-17.41	212.6	Horizontal	AV	Pass	
	5	14194.5000	49.36	18.93	30.43	74	-24.64	14.1	Horizontal	PK	Pass	
	5	14194.5000	41.58	18.93	22.65	54	-12.42	14.1	Horizontal	AV	Pass	
,	6	17985.0000	53.54	23.82	29.72	74	-20.46	263.9	Horizontal	PK	Pass	4
	В	17085 0000	48.1	23.82	22.28	54	-7.0	283.0	Horizontal	Δ\/	Pacc	

	8 17985.0000	46.1	23.82	22.28	54	-7.9	263.9	Horizontal	AV	Pass	
WSET		WSET		WSET		WSE	7		WSET		
	X		X		X			X			
	W5 CT°	WSET	WS ET®	WSLT	<u> WSET</u> °	\		YS ET"	WSET	W5	
WSCT	WSET		WSET		WSET	W5 E		VSET			C7°
X		X		X		$\overline{}$			dization Control	S C T°	Group(Shen

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WSET

W5CT



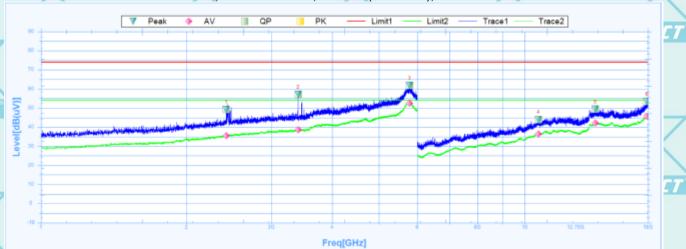




Report No.: WSCT-ANAB-R&E240900047A-Wi-Fi2

11a, 1 GHz to 18 GHz, Channel (5745 MHz), ANT V

W5CT



W5 CT

WS ET

NS CT

	Suspu	ited Data Lis	st									
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	(
	1	2417.5000	49.2	27.32	21.88	74	-24.8	360.1	Vertical	PK	Pass	
_	1	2417.5000	35.49	27.32	8.17	54	-18.51	360.1	Vertical	AV	Pass	4
	2	3403.7500	57.16	28.44	28.72	74	-16.84	0.5	Vertical	PK	Pass	
	2	3403.7500	38.51	28.44	10.07	54	-15.49	0.5	Vertical	AV	Pass	
/	3	5785.0000	61.86	32.46	29.4	74	-12.14	230	Vertical	PK	Pass	
7	3	5785.0000	52.5	32.46	20.04	54	-1.5	230	Vertical	AV	Pass	
	4	10678.5000	44.01	14.57	29.44	74	-29.99	345.6	Vertical	PK	Pass	
	4	10678.5000	36.4	14.57	21.83	54	-17.6	345.6	Vertical	AV	Pass	/
	5	14001.0000	49.39	19.12	30.27	74	-24.61	355.7	Vertical	PK	Pass	
	5	14001.0000	42.14	19.12	23.02	54	-11.86	355.7	Vertical	AV	Pass	
7	6	17899.5000	53.43	23.26	30.17	74	-20.57	-0.1	Vertical	PK	Pass	50
	6	17899.5000	45.6	23.26	22.34	54	-8.4	-0.1	Vertical	AV	Pass	

		17000.3000	55.45	23.20	30.17	77	-20.57	-0.1	vertical	FK	F 033	
	6	17899.5000	45.6	23.26	22.34	54	-8.4	-0.1	Vertical	AV	Pass	
WSET		M	YS ET	,	WSET		WSL			WSET		
		\times		X		X			X			
	W	S CT°	V	V5 CT°		WS ET	$\overline{}$	_ N	15 ET		W5	ET .
WSET		M	/SCT		WSCT		WSE			WSCT		
	W	5.67		VS ET		WSET			VS CT			CT°
X			X		X		\geq			ardization of orthogonal orthogon	SET°	Group(Shenzh

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WSCT



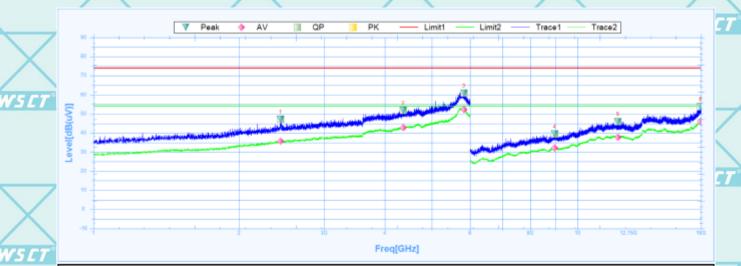




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W5CT

11a, 1 GHz to 18 GHz, Channel (5825 MHz), ANT H



Susputed Data List											
NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	
1	2435.0000	47.18	27.38	19.8	74	-26.82	360.1	Horizontal	PK	Pass	Z
1	2435.0000	35.8	27.38	8.42	54	-18.2	360.1	Horizontal	AV	Pass	1
2	4368.7500	51.93	30.36	21.57	74	-22.07	273	Horizontal	PK	Pass	
2	4368.7500	42.9	30.36	12.54	54	-11.1	273	Horizontal	AV	Pass]
3	5828.7500	60.98	32.53	28.45	74	-13.02	357	Horizontal	PK	Pass	1
3	5828.7500	52.31	32.53	19.78	54	-1.69	357	Horizontal	AV	Pass]
4	8964.0000	39.54	9.83	29.71	74	-34.46	355.7	Horizontal	PK	Pass	
4	8964.0000	32.25	9.83	22.42	54	-21.75	355.7	Horizontal	AV	Pass	
5	12124.5000	46.01	16.65	29.36	74	-27.99	156.3	Horizontal	PK	Pass	
5	12124.5000	37.69	16.65	21.04	54	-16.31	156.3	Horizontal	AV	Pass	4
6	17962.5000	53.79	23.66	30.13	74	-20.21	6.3	Horizontal	PK	Pass	
6	17962.5000	46.13	23.66	22.47	54	-7.87	6.3	Horizontal	AV	Pass]

	0	1/902.5000	40.13	23.00	22.47	54	-7.87	0.3	Horizontal	AV	Pass	
W5 ET		W	SET		WSET		WSE	7		WSCT		
		X		X		X			X		\rightarrow	$\overline{}$
	W	SET	/v	VS ET"		WSET		M	SET°		W5	CT
\times			X		X		\times			X		
WSET		W	'5 E T		WSET		WSE	7		WSET		

W5CT W5 C1 W5E1 WS C1

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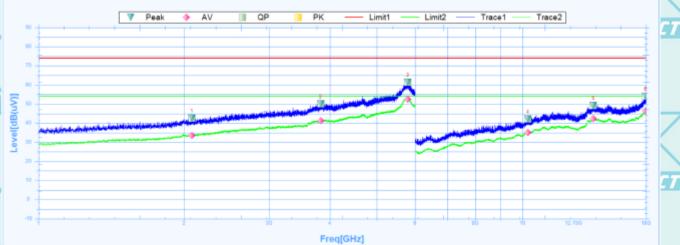




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SCT WSCT

11a, 1 GHz to 18 GHz, Channel (5825 MHz), ANT V



WS CT

	Susputed Data List									ı		
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict	<
	1	2073.1250	42.58	26.15	16.43	74	-31.42	360	Vertical	PK	Pass	
,	1	2073.1250	33.53	26.15	7.38	54	-20.47	360	Vertical	AV	Pass	4
	2	3830.0000	50.05	29.29	20.76	74	-23.95	98.5	Vertical	PK	Pass	
	2	3830.0000	41.2	29.29	11.91	54	-12.8	98.5	Vertical	AV	Pass	
	3	5796.2500	61.33	32.47	28.86	74	-12.67	328	Vertical	PK	Pass	
-@	3	5798.2500	52.47	32.47	20	54	-1.53	328	Vertical	AV	Pass	
	4	10263.0000	42.11	13.18	28.93	74	-31.89	359.5	Vertical	PK	Pass	
	4	10263.0000	35.01	13.18	21.83	54	-18.99	359.5	Vertical	AV	Pass	1
	5	14013.0000	49.22	19.11	30.11	74	-24.78	63	Vertical	PK	Pass	
	5	14013.0000	42.4	19.11	23.29	54	-11.6	63	Vertical	AV	Pass	
,	6	17953.5000	54	23.6	30.4	74	-20	-0.1	Vertical	PK	Pass	4
	6	17953.5000	46.26	23.6	22.66	54	-7.74	-0.1	Vertical	AV	Pass	

W5 [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.

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7.4 ANTENNA REQUIREMENT

Standard Applicable

If transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

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Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

Antenna Gain

The Bluetooth antenna is a FPC Antenna. it meets the standards, and the best case gain of the antenna is 1.32dBi.

	antenna is 1.520Di.				
WSET	WSCT	WSCT	WSET	WSET	
	WSET	WSET	WSCT	W5CT°	WSCT
WSET	WSET	WSET	WSET	WSET	
	WSET	WSET	WSCT	WSET	WSET
WSET	WSET	WSCT	WSCT	WSET	
	WSET	WSET	WSET	WSCT	WSCT
WSET	WSET	WSCT	WSCT	WSET	
	WSET	WSET	WSET	WSET Call	one Tostio
WSCT	WSCT	WSET	WSCT	Sardization Committee	SET

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7.5 EMISSION BANDWIDTH

7.5.1 TEST EQUIPMENT

Please refer to Section 5 this report.

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7.5.2 TEST PROCEDURE

ALIAN CO.	-26dB Bandwidth	and 99% Occupied Band	width:	THE CT	Mar C
AWS LI	Test Method:	a)The transmitter was radi	ated to the spectru	ım analyzer in peak hold mode.	
		b)Measure the maximum	width of the emiss	ion that is 26 dB down from the	e peak of the
	X	emission Compare this wi	th the RBW settin	g of the analyzer. Readjust RBV	W and repeat
		measurement as needed us	ntil the RBW/EBV	V ratio is approximately 1%.	
	Test Equipment Set	ting – 26dB Bandwidth:	Test I	Equipment Setting – 99%% Bandw	idth:
	a)Attenuation: Auto	AW3L1 B	a)Spa	an: 1.5 times to 5.0 times the Ol	BW
	b)Span Frequency:			W: 1 % to 5 % of the OBW	
X	c)RBW: Approxima	ately 1% of the emission bandw	vidth c)VB	W: ≥ 3 x RBW	X

f)Trace: Max Hold g)Sweep Time: Auto

d)VBW: VBW > RBW

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c)VBW: ≥ 3 x RBW d)Detector: Peak

e)Trace: Max Hold

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6 dB Bandwidth:

e)Detector: Peak

Test Method: a)The transmitter was radiated to the spectrum analyzer in peak hold mode.

b)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (C) Emission Bandwidth.

c)Multiple antenna system was performed in accordance with KDB662911 D01 v02r01 Emissions

Testing of Transmitters with Multiple Outputs in the Same Band. d)Measured the spectrum width with power higher than 6dB below carrier.

Test Equipment Setting: 5 7 7

a)Attenuation: Auto
b)Span Frequency: > 6dB Bandwidth
c)RBW: 100kHz
e)Detector: Peak
f)Trace: Max Hold
g)Sweep Time: Auto

d)VBW: $\geq 3 \times RBW$

Maximum Conducted Output Power Measurement:

Test Method: a)The transmitter output (antenna port) was connected to the power meter.

b)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (E) Maximum conducted output power =>3. Measurement using a Power Meter (PM) =>b) Method PM-G (Measurement using a gated RF average power meter).

c)Multiple antenna systems was performed in accordance with KDB662911 D01 v02r01

Testing of Transmitters with Multiple Outputs in the Same Band.

d)When measuring maximum conducted output power with multiple antenna systems, add every result of the values by mathematic formula.

Test Equipment Setting: Detector - Average

Power Spectral Density:

Test Method:

a)The transmitter output (antenna port) was connected RF switch to the spectrum analyzer.
b)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of

Unlicensed National Information Infrastructure (U-NII) Devices - section (F) Maximum Power Spectral Density (PSD).

c)Multiple antenna systems was performed in accordance KDB662911 D01 v02r01 in-Band Power

Spectral Density (PSD) Measurements (a) Measure and sum the spectra across the

d)When measuring first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3 and so on up to the Nth output to obtain the value for

the first frequency bin of the summed spectrum. The summed spectrum value for each of the other

frequency bins is computed in the same way.

e)For 5.725~5.85 GHz, the measured result of PSD level must add 10log(500kHz/RBW)

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Report No.: WSCT-ANAB-R&E240900047A-Wi-Fi2 and the final result should ≤ 30 dBm. Test Equipment Setting: a)Attenuation: Auto e)Detector: RMS b) Span Frequency: Encompass the entire emissions bandwidth (EBW) of f)Trace: AVERAGE g)Sweep Time: Auto the signal c)RBW: 1000 kHz h)Trace Average: 100 times d)VBW: 3000 kHz Note: If measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10log(500kHz/RBW) to the measured result, whereas RBW (< 500 kHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement. Frequency Stability Measurement: a) The transmitter output (antenna port) was connected to the spectrum analyzer. Test Method: b)EUT have transmitted absence of modulation signal and fixed channelize. c)Set the spectrum analyzer span to view the entire absence of modulation emissions d)Set RBW = 10 kHz, VBW = 10 kHz with peak detector and maxhold settings. e)fc is declaring of channel frequency. Then the frequency error formula is (fc-f)/fc × 106 ppm and the limit is less than ±20ppm (IEEE 802.11nspecification). f)The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of nominal value g)Extreme temperature is 0°C~40°C Test Equipment Setting: a)Attenuation: Auto e)Sweep Time: Auto b)Span Frequency: Entire absence of modulation emissions bandwidth c)RBW: 10 kHz d)VBW: 10 kHz **CONFIGURATION OF THE EUT** 7.5.3 Same as section 3.4 of this report 7.5.4 EUT OPERATING CONDITION Same as section 3.5 of this report.

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	7.5.5 LIMIT		
	-26dB Bandwidth and 99% Occupied Bandwidth:		
	Limit: No restriction limits.	WSCT WSCT	W5 C7
	-6 dB Bandwidth:	i albi i ili ili ili ili ili ili ili	
		inimum 6dB bandwidth shall be at least 500 kHz.	
	Test Equipment Setting:	a\Datastan Dagi	
	a)Attenuation: Auto	e)Detector: Peak	
W5 C1	b)Span Frequency: > 6dB Bandwidth c)RBW: 100kHz	f)Trace: Max Hold g)Sweep Time: Auto	T°
	d)VBW: ≥ 3 x RBW	g/Sweep Time. Auto	
	Maximum Conducted Output Power Measurement:		
	⊠ 5.15~5.	25 GHz	
	Limit of Outdoor access point:	Limit of Indoor access point:	
	The maximum conducted output power over the	The maximum conducted output power over the	W5CT
	frequency band of operation shall not exceed 1 W	frequency band of operation shall not exceed 1 W	
	(30dBm) provided the maximum antenna gain does not	(30dBm) provided the maximum antenna gain does	
X	exceed 6 dBi. If transmitting antennas of directional gain	not	
	greater than 6 dBi are used, both the maximum	exceed 6 dBi. If transmitting antennas of directional	
WE FI	conducted output power and the maximum power	gain greater than 6 dBi are used, both the maximum	
IELT.	spectral density shall be reduced by the amount in dB	conducted output power and the maximum power	
	that the directional gain of the antenna exceeds 6 dBi.	spectral density shall be reduced by the amount in	
	The maximum e.i.r.p. at any elevation angle above 30	dB	X
	degrees as measured from the horizon must not exceed 125 mW (21 dBm).	that the directional gain of the antenna exceeds 6 dBi.	
	Limit of Fixed point-to-point access points:	Limit of Mobile and portable client devices:	WSCI
	The maximum conducted output power over the	The maximum conducted output power over the	717-14
\	frequency band of operation shall not exceed 1 W	frequency band of operation shall not exceed 250	
X	(30dBm). Fixed point-to-point U-NII devices may employ	mW	
	antennas with directional gain up to 23 dBi without any	(24dBm) provided the maximum antenna gain does	
11/10/10/10	corresponding reduction in the maximum conducted	not	
WELL	output power or maximum power spectral density. For	exceed 6 dBi. If transmitting antennas of directional	
	fixed point-to-point transmitters that employ a directional	gain greater than 6 dBi are used, both the maximum	
	antenna gain greater than 23 dBi, a 1 dB reduction in	conducted output power and the maximum power	X
	maximum conducted output power and maximum	spectral density shall be reduced by the amount in dB	
	power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi.	that the directional gain of the antenna exceeds 6	- August
	antenna gain in excess of 25 dbl.	dBi.	W5 CT
	⊠5.25-5.35 GHz & [
X	The maximum conducted output power over the frequence		
	mW (24dBm) or 11 dBm 10 log B, where B is the 26 dB e		
Male Velo	antennas of directional gain greater than 6 dBi are used,		
NSLI	maximum power spectral density shall be reduced by the	amount in dB that the directional gain of the antenna	
	exceeds 6 dBi.		\ /
			X
	The maximum conducted output power over the frequency transmitting antennas of directional gain greater than 6 di		
	power and the maximum power spectral density shall be		ATTION OF
	the antenna exceeds 6 dBi. However, fixed point-to-point		WSCT
\	transmitting antennas with	or this devises operating in this same may employ	
X	directional gain greater than 6 dBi without any correspond	ding reduction in transmitter conducted power.	
	Power Spectral Density		
11111111	₩5.77° \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	25 GHz	
MPLI	Limit of Outdoor access point: 17 dBm/MHz	Limit of Indoor access point: 17 dBm/MHz	
	Limit of Fixed point-to-point access points: 17	Limit of Mobile and portable client devices: 11	
	dBm/MHz	dBm/MHz	X
	□5.25-5.35 GHz	11 dBm/MHz	
	□5.470-5.725 GHz	11 dBm/MHz	
	⊠5.725~5.85 GHz	30 dBm/500kHz	ation& Testino
\	Frequency Stability Measurement:	\(\sigma_{\text{s}}\)	18
X		the band of operation under all conditions of normal	I P
	operation as specified in the user's m	anual.	WSCT Se
111		rance shall be \pm 20 ppm maximum for the 5 GHz band	nzh.
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802.11n specification).

7.5.6 TEST RESULT

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-26dB Bandwidth and 99% Occupied Bandwidth

_		The state of the s	/		,
4	Product	: EUT-Sample	Test Mode	: See section 3.4	1
	Test Item	: -26dB Bandwidth/-6dB Bandwidth and 99% Occupied Bandwidth	Temperature	: 25 °C	
	Test Voltage	: DC 3.80V	Humidity	: 56%RH	
	Test Result	: PASS			1

-26Db&99% Bandwidth

-Z0DDQ33 /0	Danawiatti						
WSET	Mode	Frequency (MHz)	-26 dB Bandwidth (MHz)	99%dB Bandwidth (MHz)	Verdict	7	
	а	5180	23.80	16.570	Pass		
	а	5240	22.34	16.483	Pass		
	а	5260	21.99	16.470	Pass	Aug.	
WSET	а	5320	23.24	16.448	Pass	W5 L	
	a	5500	21.76	16.530	Pass		
X	a X	5700	19.50	16.415	Pass		
	n20	5180	27.10	17.629	Pass		
W5CT"	n20	5240	23.10	17.600	Pass	-7°	
	n20	5260	23.35	17.619	Pass		
X	n20	5320	25.40	17.651	Pass	\times	
	n20	5500	23.64	17.603	Pass		
WEET	n20	5700	24.00	17.599	Pass	W51	
W5 ET	n40	5190	59.11	36.175	Pass	THE L	
	n40	5230	59.10	36.156	Pass		
X	n40	5270	58.31	36.186	Pass		
	n40	5310	57.72	36.105	Pass		
W5CT [®]	n40	5510	58.74	36.097	Pass 5		
	n40	5670	59.05	36.066	Pass		
X	ac20	5180	20.14	17.568	Pass	\times	
	ac20	5240	21.13	17.578	Pass		
WSET	ac20	5260	21.60	17.586	Pass	W5/	
	ac20	5320	21.26	17.574	Pass		
	ac20	5500	21.20	17.581	Pass		
	ac20	5700	19.89	17.585	Pass		
	ac40	5190	41.59	36.023	Pass		
WSCT	ac40	5230	46.74	36.021	Pass	7 1	
	ac40	5270	40.32	36.024	Pass		
X	ac40	5310	40.75	35.958	Pass	×	
	ac40	5510	44.17	36.046	Pass		
W5 CT	ac40	5670	40.22	36.018	Pass	scation& Testin	
	ac80	5210	103.7	75.447	Pass	THE OF STREET	
	ac80	5290	105.4	75.376	Pass	\	
	ac80	5530	80.56	75.233	Pass	W5CT°	
	ac80	5610	86.44	75.246	Pass 🗒		

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-6dB&99% Bandwidth

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	Mode	Frequency	-6 dB Bandwidth	99%dB Bandwidth	Limit -6 dB	Verdict	
		(MHz)	(MHz)	(MHz)	Bandwidth (MHz)		
$\overline{}$	а	5745	14.77	16.347	0.5	Pass	
X	а	5825	15.12	16.349	0.5	Pass	
	n20	5745	14.81	17.558	0.5	Pass	
WSET	n20	5825	15.05	17.558	0.5	Pass	
112/5/4	n40	5755	35.10	35.923	0.5	Pass	-
	n40	5795	35.04	35.893	0.5	Pass	
	ac20	5745	15.06	17.535	0.5	Pass	
	ac20	5825	15.02	17.536	0.5	Pass	
	ac40	5755	W5 C 32.57	W 5 35.849	W 5 0.5	Pass	CT 1
\ /	ac40	5795	33.83	35.800	0.5	Pass	
X	ac80	5775	75.10	75.177	0.5	Pass	

	4010	0700	02.01	00.010	0.0	1 400	
	ac40	5795	33.83	35.800	0.5	Pass	
X	ac80	5775	75.10	75.177	0.5	Pass	
	<u>.</u>						
WSET		WSET	W5ET°	W5 CT	W	S C T°	/
		/					/
	\sim		X	X	X	\searrow	
	WSCI		W5 ET	WSET	W5 CT	W5 L	
			X	\mathbf{X}			
					/		
WSET		W5 ET	WSET	WSET	\ \(\sqrt{\pi} \)	SET	
110190		11-15-	VIP 4	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		144	/
C.							
	10000		West	We cre	Wester	Average of the second	-
	W5 C1		W5 ET	WSET	WSET	W51	7.4
				\wedge			
West Care		Wester	We ex	Weeken .	<i></i>		
W5 CT	\	WSET	WSCT	WSET	The state of the s	S C T	-/
	/www.					freeze	
	W5C1		WSLT	WSET	WSET	W5 L	
			X	X	,		
		<i></i>			<i></i>		
W5 CT	\	W5 CT	W5 ET	WSCT	W	S C T	_/
			X	X	X	X	
_							
	W5C1		WSCT	WSET	WSET	Settleation Testino Continue Testino Continue Co	
\/					X	35	ou
X		X	X	X	dizatio	WSCT	p(Sh
					Zipa	WELT !	len _z

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-26Db&99% Bandwidth



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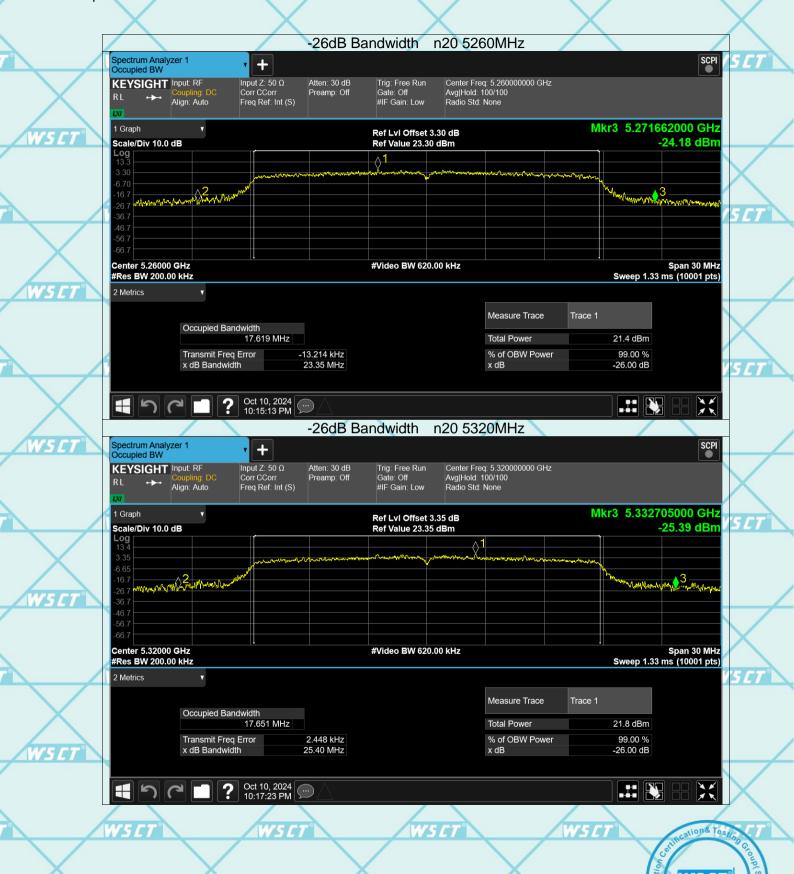
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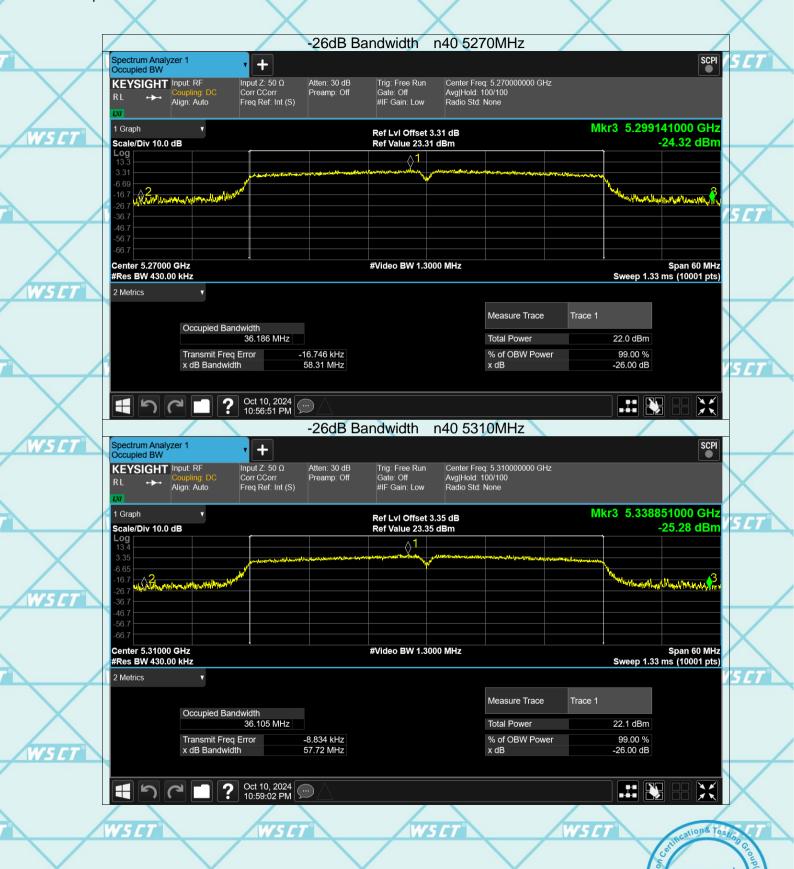
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