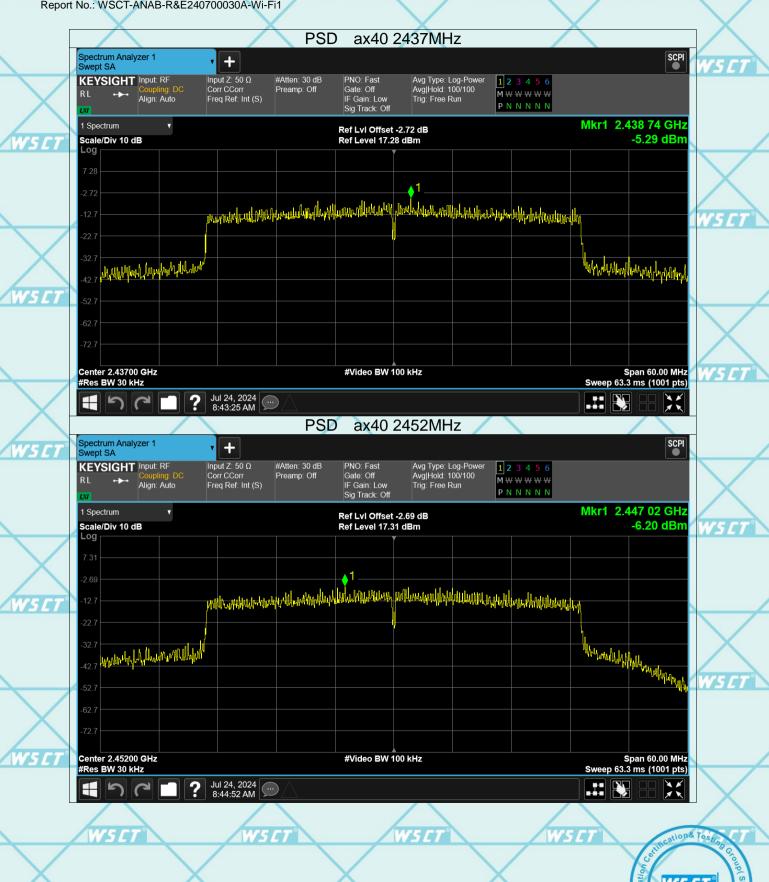






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W5 C1

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Conducted Band Edge and Spurious Emission Measurement 6.5.

FCC Part15 C Section 15.247 (d) Test Requirement: KDB558074 Test Method: 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 Limit: RF conducted measurement and radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a). Test Setup: **EUT** Spectrum Analyzer Test Mode: Transmitting mode with modulation 1. The testing follows FCC KDB Publication No. 558074 D01 DTS Meas, Guidance v04. 2. 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. WS CT 3. Set to the maximum power setting and enable the EUT transmit continuously. 4. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band Test Procedure: 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.

6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

PASS Test Result:

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6.5.2. Test Data(worst)



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Report No.: WSCT-ANAB-R&E240700030A-Wi-Fi1 Ref Tx. Spurious b 2462MHz Spectrum Analyzer 1 Swept SA SCPI + Avg Type: Log-Power Avg|Hold: 100/100 Trig: Free Run KEYSIGHT Input: RF Input Z: 50 Ω #Atten: 30 dB PNO: Fast 1 2 3 4 5 6 Gate: Off IF Gain: Low Sig Track: Off Corr CCorr Freq Ref: Int (S) Preamp: Off M ₩ ₩ ₩ ₩ Align: Auto Mkr1 2.462 99 GHz 1 Spectrum Ref Lvi Offset -2.68 dB Ref Level 17.32 dBm 4.37 dBm Scale/Div 10 dB Mary Jan #Video BW 300 kHz Center 2.46200 GHz Span 30.00 MHz #Res BW 100 kHz Sweep 2.93 ms (1001 pts) Jul 24, 2024 8:49:59 AM Tx. Spurious b 2462MHz Emission SCPI Spectrum Analyzer 1 + wept SA Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) #Atten: 30 dB Preamp: Off PNO: Fast Gate: Off Avg Type: Log-Power Avg|Hold: 10/10 KEYSIGHT Input: RF 1 2 3 4 5 6 M ₩ ₩ ₩ ₩ IF Gain: Low Sig Track: Off Align: Auto Trig: Free Run Mkr1 2.462 6 GHz Ref LvI Offset -2.68 dB 3.85 dBm Scale/Div 10 dB Ref Level 17.32 dBm DL1 -15.63 dB **∆**4 $\Diamond^{\mathbf{3}}$ Start 30 MHz #Res BW 100 kHz Stop 26.50 GHz Sweep ~2.53 s (30001 pts) #Video BW 300 kHz 5 Marker Table **Function Width** Function Function Value Mode 3.85 dBm 2,462 6 GHz 26.386 2 GHz 5.119 3 GHz 7.281 9 GHz -55.18 dBm -59.10 dBm -60.04 dBm -59.97 dBm N N 9.913 0 GHz Jul 24, 2024 8:50:30 AM ation& Test

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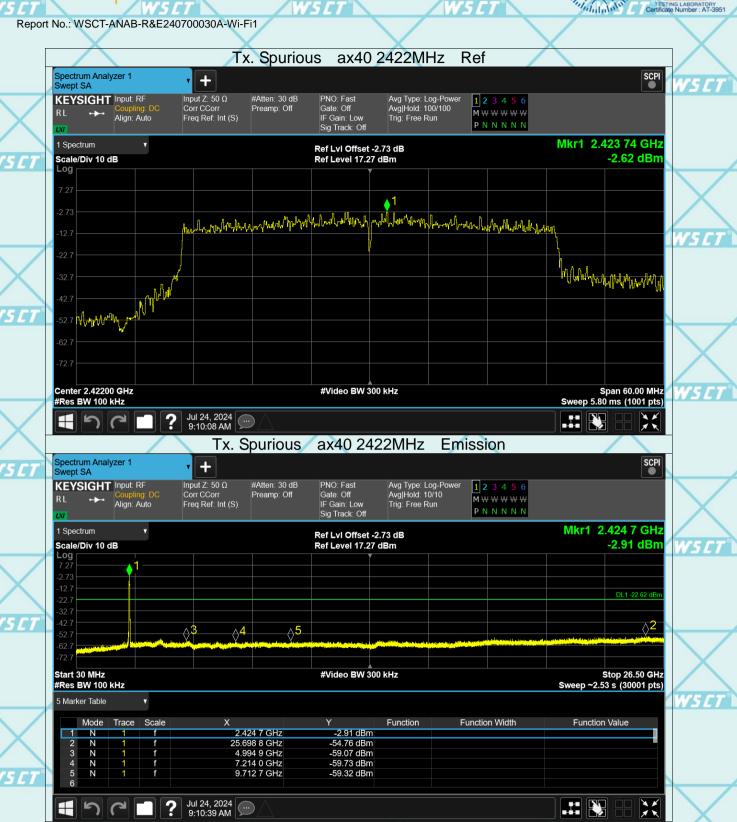
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6.6. Radiated Spurious Emission Measurement

6.6.1. Test Specific	ation
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W5 ET

W5 CT

4W5 C1

Test Requirement:	FCC Part15 C Section 15.209
Test Method: 5	ANSI C63.10: 2014 W5 [T] W5 [T]
Frequency Range:	9 kHz to 25 GHz
Measurement Distance:	3 m

Antenna Polarization: 15 / Horizontal & Vertical

WS ET

Receiver Setup:

W5 CT

	Frequency	Detector	RBW	VBW	Remark
	9kHz- 150kHz	Quasi-peak	200Hz	1kHz	Quasi-peak Value
1	150kHz-	Quasi-peak	9kHz	30kHz	Quasi-peak Value
	30MHz				
	30MHz-1GHz	Quasi-peak	100KHz	300KHz	Quasi-peak Value
	Ah ay a 4011-	Peak	1MHz	3MHz	Peak Value
1	Above 1GHz	Peak	1MHz	10Hz	Average Value

W5CT

WSCT	W5E

Frequency	Field Strength	Measurement		
requericy	(microvolts/meter)	Distance (meters)		
0.009-0.490	2400/F(KHz)	300		
0.490-1.705	24000/F(KHz)	30-5-7		
1.705-30	30	30		
30-88	100	3		
88-216	150	3		
216-960	200	3		
Above 960	500	3		

imit:	7
WELTH L	4

Frequency	Field Strength (microvolts/meter)	Measurement Distance (meters)	Detector
Ab 4015	500	3	Average
Above 1GHz	5000	3	Peak

WSCT

For radiated emissions below 30MHz

W5CT

Test setup: W5 L1

W5C1

O.8m Computer

Pre -Amplifier

Receiver

Ground Plane

30MHz to 1GHz

Hz to 1GHz

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W5E

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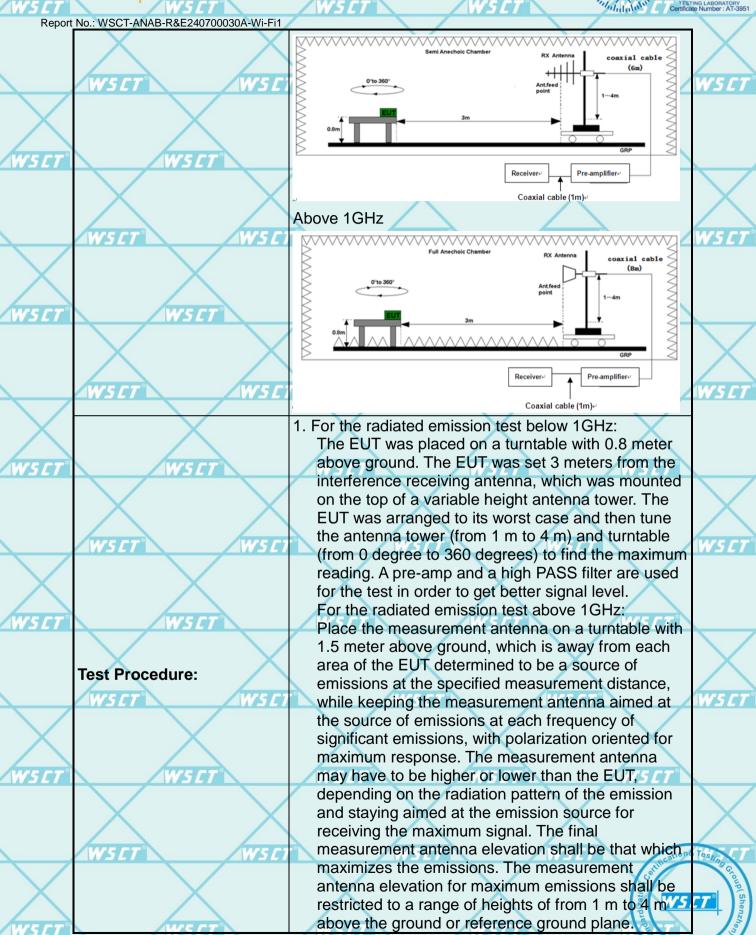
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VSCT

WSET











Test results: /5 [7]

Report No.: WSCT-ANAB-R&E240700030A-Wi-Fi1 3. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level 4. 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. 5. 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; Sweep = auto; Detector function = peak; Trace = max hold; (3) Set RBW = 1 MHz, VBW= 3MHz for f for peak measurement. For average measurement: VBW = 10 Hz, when 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.

PASS







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6.6.2. Test Data(worst case)

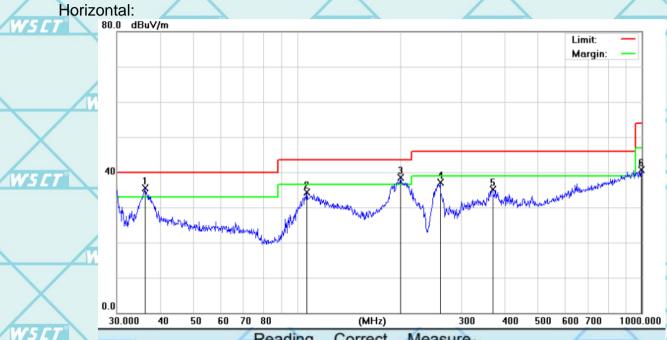
Please refer to following diagram for individual The worst mode is 11b

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W5 C7

Below 1GHz



_	No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	744
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
И	1	*	36.2541	36.59	-1.08	35.51	40.00	-4.49	QP
	2	1	106.7587	37.64	-3.37	34.27	43.50	-9.23	QP
	3	!	199.2855	42.46	-3.87	38.59	43.50	-4.91	QP
7	4		260.1444	38.61	-1.42	37.19	46.00	-8.81	QP
	45	7	369.4047	33.14	1.96	35.10	46.00	-10.90	QP
4	6		996.4996	26.32	14.44	40.76	54.00	-13.24	QP

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WSET WSET

WS ET WS ET

Continuations Testing

WSET

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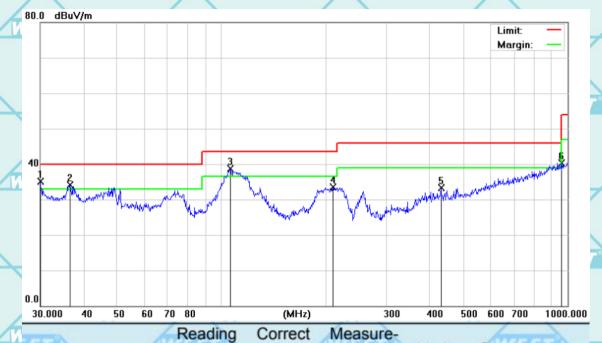






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Vertical:



	No.	Mk.	Freq.	Level	Factor	ment	Limit	Over	TT
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
	1	1	30.0000	36.86	-1.73	35.13	40.00	-4.87	QP
1	2	A	36.5092	35.09	-1.04	34.05	40.00	-5.95	QP
,	3	*	106.3850	42.09	-3.37	38.72	43.50	-4.78	QP
ľ	4		210.0482	37.04	-3.52	33.52	43.50	-9.98	QP
	4 5	1	431.0316	29.51	3.72	33.23	46.00	-12.77	QP
	6	!	958.7943	26.33	13.92	40.25	46.00	-5.75	QP

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)

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Above 1GHz

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

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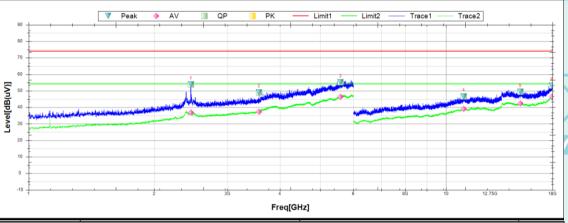
signal. Note 2: The spurious above 18G is noise only, do not show on the report.

Note 3: Report and only recorded the worst-case scenario "MIMO Mode 802.11b".

1 GHz to 18 GHz, MIMO Mode 802.11b Low Channel

Horizontal:

15 E



Susputed Data List Reading [dB(uV)] Margin [dB] Level [dB(uV)] Limit Factor Deg NO. Verdict **Polarity** Trace [dB] [dB] 53.79 7.73 46.06 74 -20.21 330.3 Pass 2448.1250 Horizontal PK Pass 3566.2500 49.09 74 -24.91 153.4 Horizontal PΚ 9.96 39.13 Pass 5592.5000 55.27 20.76 34.51 74 -18.73 50.6 Horizontal PΚ 11032.5000 46.66 7.19 74 -27.34 103.8 PK Pass 39.47 Horizontal 15073.5000 49.33 39.97 9.36 74 -24.67 64.2 PK Pass 17952.0000 53.22 -20.78 Horizontal Pass

				I .		1	1		1	1	1	
X	Final	Data List										
WSET	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB (uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdic t	2
	1	2448.1250	36.85	7.73	29.12	54	-17.15	330.3	Horizontal	AV	Pass	
	1	2448.1250	53.79	7.73	46.06	74	-20.21	330.3	Horizontal	QP	Pass	
	2	3566.2500	37.23	9.96	27.27	54	-16.77	153.4	Horizontal	AV	Pass	
	2	3566.2500	49.09	9.96	39.13	74	-24.91	153.4	Horizontal	QP	Pass	
	3	5592.5000	46.29	20.76	25.53	54	-7.71	50.6	Horizontal	AV	Pass	
WSET	3	5592.5000	55.27	20.76	34.51	74	-18.73	50.6	Horizontal	QP	Pass	7
	4	11032.5000	38.97	39.47	-0.5	54	-15.03	103.8	Horizontal	AV	Pass	
	4	11032.5000	46.66	39.47	7.19	74	-27.34	103.8	Horizontal	QP	Pass	
	5	15073.5000	42.44	39.97	2.47	54	-11.56	64.2	Horizontal	AV	Pass	
	5	15073.5000	49.33	39.97	9.36	74	-24.67	64.2	Horizontal	QP	Pass	/
X	6	17952.0000	46.49	46.18	0.31	54	-7.51	0	Horizontal	AV	Pass	704:
Was ex	6	17952.0000	53.22	46.18	7.04	74	-20.78	0	Horizontal	QP	Pass	7

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Vertical:

SET WSET WSET

Peak AV QP PK Limit1 Limit2 Trace1 Trace2

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Verdict
Pass
: e

W5 CT

Final Data List

Level Margin Factor Deg Limit Verdic Freq. [MHz] Reading NO. [dB Polarity Trace [dB(uV)] [dB] [dB] [dB] [°] (uV)] 2387.5000 38.94 7.4 31.54 54 -15.06 176.2 Vertical Pass ΑV 2387.5000 48.33 7.4 40.93 74 -25.67 176.2 Vertical QΡ Pass 2 3502.5000 37.49 9.67 27.82 54 -16.51 360.1 Vertical ΑV Pass 2 3502.5000 74 -23.8 QP 50.2 9.67 40.53 360.1 Vertical Pass 5623.7500 46.42 20.92 25.5 54 -7.58 178.6 Vertical A۷ Pass 5623.7500 20.92 74 -18.2 3 55.8 34.88 178.6 Vertical QP Pass 9702.0000 36.13 37.89 -1.7654 -17.87 75 Vertical ΑV Pass 4 9702.0000 -30.81 43.19 37.89 5.3 74 75 Vertical QP Pass 5 11965.5000 39.79 54 -14.21 Pass 38.63 1.16 157.5 Vertical Αν 5 11965.5000 48.78 38.63 10.15 74 -25.22 157.5 Vertical QP Pass 15210.0000 42.6 39.55 3.05 54 -11.4 Vertical ΑV Pass

X

WELT

15210.0000

WELT

9.86

39.55

WELT

-0.1

-24.59

WELT

Pass

QP

Settlication Testing Co

WSIT

WELT

49.41

WELT

74

awsct

Vertical

深圳世标检测认证股份有限公司
World Standard zation Certification& Testing Group(Shenzhen) Ce

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

Member of the WSCT Group (WSCT SA)

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SET

WSCT

W5CT°







Report No.: WSCT-ANAB-R&E240700030A-Wi-Fi1

1 GHz to 18 GHz, MIMO Mode 802.11b Middle Channel

Horizontal:

▼ Peak Trace2 Limit2 Trace1 Level[dB(uV)] Freq[GHz]

The second second	
	-

Susputed Data List Reading [dB(uV)] Factor [dB] Limit [dB] Margin [dB] Deg [°] Level [dB(uV)] Freq. [MHz] **Polarity** Verdict Trace 2403.1250 45.95 7.58 38.37 -28.05 9.8 Horizontal Pass 3598.7500 52.58 10.06 42.52 74 -21.42 Horizontal Pass 3 4700.6250 -21.81 52.19 15.15 37.04 74 -0.1 Horizontal PK Pass 9073.5000 42.3 37.45 4.85 74 -31.7 146.3 Horizontal PK Pass 74 -27.76 165.5 11449.5000 46.24 39.1 7.14 PK Pass Horizontal 14133.0000 41.33 74 -23.94 PK Pass 50.06 8.73 1 Horizontal

	[MI
1	2403
1	2403

Final Data List											
NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB (uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdic t	
1	2403.1250	37.12	7.58	29.54	54	-16.88	9.8	Horizontal	AV	Pass	
1	2403.1250	45.95	7.58	38.37	74	-28.05	9.8	Horizontal	QP	Pass	
2	3598.7500	37.56	10.06	27.5	54	-16.44	13	Horizontal	AV	Pass	8
2	3598.7500	52.58	10.06	42.52	74	-21.42	13	Horizontal	QP	Pass	
3	4700.6250	43.18	15.15	28.03	54	-10.82	-0.1	Horizontal	AV	Pass	
3	4700.6250	52.19	15.15	37.04	74	-21.81	-0.1	Horizontal	QP	Pass	
4	9073.5000	35.07	37.45	-2.38	54	-18.93	146.3	Horizontal	AV	Pass	
4	9073.5000	42.3	37.45	4.85	74	-31.7	146.3	Horizontal	QP	Pass	Ī
5	11449.5000	39.08	39.1	-0.02	54	-14.92	165.5	Horizontal	AV	Pass	
5	11449.5000	46.24	39.1	7.14	74	-27.76	165.5	Horizontal	QP	Pass	4
6	14133.0000	42.36	41.33	1.03	54	-11.64	1	Horizontal	AV	Pass	
6	14133.0000	50.06	41.33	8.73	74	-23.94	1	Horizontal	QP	Pass	
	NO. 1 1 2 3 3 4 5 6	NO. Freq. [MHz] 1 2403.1250 1 2403.1250 2 3598.7500 2 3598.7500 3 4700.6250 4 9073.5000 4 9073.5000 5 11449.5000 6 14133.0000	NO. Freq. [MHz] Reading [dB(uV)] 1 2403.1250 37.12 1 2403.1250 45.95 2 3598.7500 37.56 2 3598.7500 52.58 3 4700.6250 43.18 3 4700.6250 52.19 4 9073.5000 35.07 4 9073.5000 42.3 5 11449.5000 39.08 5 14133.0000 42.36	NO. Freq. [MHz] Reading [dB(uV)] Factor [dB] 1 2403.1250 37.12 7.58 1 2403.1250 45.95 7.58 2 3598.7500 37.56 10.06 2 3598.7500 52.58 10.06 3 4700.6250 43.18 15.15 3 4700.6250 52.19 15.15 4 9073.5000 35.07 37.45 4 9073.5000 42.3 37.45 5 11449.5000 39.08 39.1 5 11449.5000 46.24 39.1 6 14133.0000 42.36 41.33	NO. Freq. [MHz] Reading [dB(uV)] Factor [dB] Level [dB (uV)] 1 2403.1250 37.12 7.58 29.54 1 2403.1250 45.95 7.58 38.37 2 3598.7500 37.56 10.06 27.5 2 3598.7500 52.58 10.06 42.52 3 4700.6250 43.18 15.15 28.03 3 4700.6250 52.19 15.15 37.04 4 9073.5000 35.07 37.45 -2.38 4 9073.5000 42.3 37.45 4.85 5 11449.5000 39.08 39.1 -0.02 5 11449.5000 46.24 39.1 7.14 6 14133.0000 42.36 41.33 1.03	NO. Freq. [MHz] Reading [dB(uV)] Factor [dB] Level [dB] (uV)] Limit [dB] 1 2403.1250 37.12 7.58 29.54 54 1 2403.1250 45.95 7.58 38.37 74 2 3598.7500 37.56 10.06 27.5 54 2 3598.7500 52.58 10.06 42.52 74 3 4700.6250 43.18 15.15 28.03 54 3 4700.6250 52.19 15.15 37.04 74 4 9073.5000 35.07 37.45 -2.38 54 4 9073.5000 42.3 37.45 4.85 74 5 11449.5000 39.08 39.1 -0.02 54 5 1449.5000 46.24 39.1 7.14 74 6 14133.0000 42.36 41.33 1.03 54	NO. Freq. [MHz] Reading [dB(uV)] Factor [dB] Level [dB] (uV)] Limit [dB] Margin [dB] 1 2403.1250 37.12 7.58 29.54 54 -16.88 1 2403.1250 45.95 7.58 38.37 74 -28.05 2 3598.7500 37.56 10.06 27.5 54 -16.44 2 3598.7500 52.58 10.06 42.52 74 -21.42 3 4700.6250 43.18 15.15 28.03 54 -10.82 3 4700.6250 52.19 15.15 37.04 74 -21.81 4 9073.5000 35.07 37.45 -2.38 54 -18.93 4 9073.5000 42.3 37.45 4.85 74 -31.7 5 11449.5000 39.08 39.1 -0.02 54 -14.92 5 14133.0000 42.36 41.33 1.03 54 -11.64	NO. Freq. [MHz] Reading [dB(uV)] Factor [dB] Limit [dB] Margin [dB] Deg [c] 1 2403.1250 37.12 7.58 29.54 54 -16.88 9.8 1 2403.1250 45.95 7.58 38.37 74 -28.05 9.8 2 3598.7500 37.56 10.06 27.5 54 -16.44 13 2 3598.7500 52.58 10.06 42.52 74 -21.42 13 3 4700.6250 43.18 15.15 28.03 54 -10.82 -0.1 3 4700.6250 52.19 15.15 37.04 74 -21.81 -0.1 4 9073.5000 35.07 37.45 -2.38 54 -18.93 146.3 5 11449.5000 39.08 39.1 -0.02 54 -14.92 165.5 5 11449.5000 46.24 39.1 7.14 74 -27.76 165.5 6 <	NO. Freq. [MHz] Reading [dB(uV)] Factor [dB] Level [dB] (uV)] Limit [dB] Margin [dB] Deg [°] Polarity 1 2403.1250 37.12 7.58 29.54 54 -16.88 9.8 Horizontal 1 2403.1250 45.95 7.58 38.37 74 -28.05 9.8 Horizontal 2 3598.7500 37.56 10.06 27.5 54 -16.44 13 Horizontal 2 3598.7500 52.58 10.06 42.52 74 -21.42 13 Horizontal 3 4700.6250 43.18 15.15 28.03 54 -10.82 -0.1 Horizontal 4 9073.5000 35.07 37.45 -2.38 54 -18.93 146.3 Horizontal 4 9073.5000 42.3 37.45 4.85 74 -31.7 146.3 Horizontal 5 11449.5000 39.08 39.1 -0.02 54 -14.92 165.	NO. Freq. [MHz] Reading [dB] (uV)] Factor [dB] Level [dB] (uV)] Limit [dB] Margin [dB] Deg [dB] Polarity Trace 1 2403.1250 37.12 7.58 29.54 54 -16.88 9.8 Horizontal AV 1 2403.1250 45.95 7.58 38.37 74 -28.05 9.8 Horizontal QP 2 3598.7500 37.56 10.06 27.5 54 -16.44 13 Horizontal AV 2 3598.7500 52.58 10.06 42.52 74 -21.42 13 Horizontal QP 3 4700.6250 43.18 15.15 28.03 54 -10.82 -0.1 Horizontal AV 3 4700.6250 52.19 15.15 37.04 74 -21.81 -0.1 Horizontal QP 4 9073.5000 35.07 37.45 -2.38 54 -18.93 146.3 Horizontal AV	NO. Freq. [MHz] Reading [dB(uV)] Factor [dB] Level [dB] (uV)] Limit [dB] Margin [dB] Deg [°] Polarity Trace Verdic t 1 2403.1250 37.12 7.58 29.54 54 -16.88 9.8 Horizontal AV Pass 1 2403.1250 45.95 7.58 38.37 74 -28.05 9.8 Horizontal QP Pass 2 3598.7500 37.56 10.06 27.5 54 -16.44 13 Horizontal AV Pass 3 4700.6250 43.18 15.15 28.03 54 -10.82 -0.1 Horizontal AV Pass 3 4700.6250 52.19 15.15 37.04 74 -21.81 -0.1 Horizontal AV Pass 4 9073.5000 35.07 37.45 -2.38 54 -18.93 146.3 Horizontal AV Pass 5 11449.5000 39.08 39.1

深圳世标检测认证股份有限公司

ADD: Building A-B, Baoil an Industrial Park, No.58 and 60, Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guanggong Province, China. FAX: 0086-755-86376605 TEL: 0086-755-26996192 26996053 26996144

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W5CT

W5CT

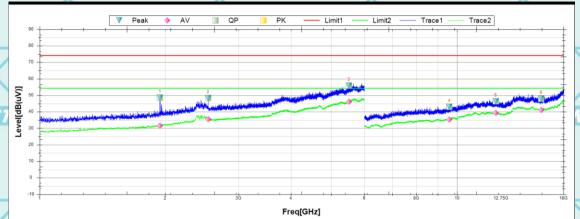
W5CT°





Report No.: WSCT-ANAB-R&E240700030A-Wi-Fi1

Vertical:



W5ET[®]

W5 CI

VS CT

15 CT

WEFT	

Susputed Data List											
N			Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1		1942.5000	48.6	2	46.6	74	-25.4	141.9	Vertical	PK	Pass
2		2535.6250	48.34	5.99	42.35	74	-25.66	357.6	Vertical	PK	Pass
3		5511.8750	55.74	20.26	35.48	74	-18.26	113.3	Vertical	PK	Pass
4		9586.5000	43.06	37.81	5.25	74	-30.94	360	Vertical	PK	Pass
5		12384.0000	46.35	38.72	7.63	74	-27.65	0.5	Vertical	PK	Pass
6		15915.0000	47.93	37.36	10.57	74	-26.07	84.1	Vertical	PK	Pass

W5E

W5C

1	Final	Data List										\mathcal{C}
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB (uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdic t	
	1	1942.5000	31.58	2	29.58	54	-22.42	141.9	Vertical	AV	Pass	
	1	1942.5000	48.6	2	46.6	74	-25.4	141.9	Vertical	QP	Pass	
•	2	2535.6250	35.42	5.99	29.43	54	-18.58	357.6	Vertical	AV	Pass	
	2	2535.6250	48.34	5.99	42.35	74	-25.66	357.6	Vertical	QP	Pass	
7	3	5511.8750	46.04	20.26	25.78	54	-7.96	113.3	Vertical	AV	Pass	ľ
	3	5511.8750	55.74	20.26	35.48	74	-18.26	113.3	Vertical	QP	Pass	
	4	9586.5000	35.38	37.81	-2.43	54	-18.62	360	Vertical	AV	Pass	
	4	9586.5000	43.06	37.81	5.25	74	-30.94	360	Vertical	QP	Pass	
1	5	12384.0000	39.27	38.72	0.55	54	-14.73	0.5	Vertical	AV	Pass	
•	5	12384.0000	46.35	38.72	7.63	74	-27.65	0.5	Vertical	QP	Pass	
7	6	15915.0000	41.15	37.36	3.79	54	-12.85	84.1	Vertical	AV	Pass	1

W5 C1

W5 CT

WS CT

15915.0000

WS ET

W5CT

10.57

37.36

W5 ET

84.1

-26.07

W5E7

Pass

QΡ

ation& Testin

W5CT

47.93

74

Vertical

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ADD: Building A-B, Baoli'an Industrial Park, No.58 and 60, Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China. TEL: 0086-755-26996192 26996053 26996144 FAX: 0086-755-86376605

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W5CT



W5CT

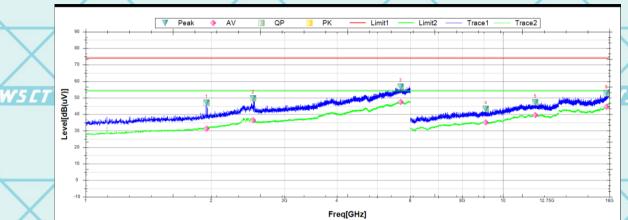




Report No.: WSCT-ANAB-R&E240700030A-Wi-Fi1

1 GHz to 18 GHz, MIMO Mode 802.11b High Channel

Horizontal:



W5CT

W5CT

W5CI

W5 C1

W5 ET

W5 CI

W5 CI

Susputed Data List											
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
	1	1948.7500	47.09	2.04	45.05	74	-26.91	326.2	Horizontal	PK	Pass
	2	2520.0000	49.64	6.59	43.05	74	-24.36	285.6	Horizontal	PK	Pass
7	3	5685.6250	56.82	21.22	35.6	74	-17.18	181.6	Horizontal	PK	Pass
	4	9102.0000	43.16	37.47	5.69	74	-30.84	97.4	Horizontal	PK	Pass
	5	11947.5000	47.14	38.65	8.49	74	-26.86	251.5	Horizontal	PK	Pass
3	6	17701.5000	52.74	44.5	8.24	74	-21.26	244.4	Horizontal	PK	Pass

	Final	Data List										
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB (uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdic t	
	1	1948.7500	31.4	2.04	29.36	54	-22.6	326.2	Horizontal	AV	Pass	
	1	1948.7500	47.09	2.04	45.05	74	-26.91	326.2	Horizontal	QP	Pass	
	2	2520.0000	36.34	6.59	29.75	54	-17.66	285.6	Horizontal	AV	Pass	
7	2	2520.0000	49.64	6.59	43.05	74	-24.36	285.6	Horizontal	QP	Pass	Z
	3	5685.6250	47.4	21.22	26.18	54	-6.6	181.6	Horizontal	AV	Pass	
	3	5685.6250	56.82	21.22	35.6	74	-17.18	181.6	Horizontal	QP	Pass	
	4	9102.0000	34.97	37.47	-2.5	54	-19.03	97.4	Horizontal	AV	Pass	
	4	9102.0000	43.16	37.47	5.69	74	-30.84	97.4	Horizontal	QP	Pass	
	5	11947.5000	39.59	38.65	0.94	54	-14.41	251.5	Horizontal	AV	Pass	
7	5	11947.5000	47.14	38.65	8.49	74	-26.86	251.5	Horizontal	QP	Pass	Z
	6	17701.5000	44.68	44.5	0.18	54	-9.32	244.4	Horizontal	AV	Pass	
	6	17701.5000	52.74	44.5	8.24	74	-21.26	244.4	Horizontal	QP	Pass	

W5 C1

W5 CT

ADD: Building A-B, Baoli'an Industrial Park, No. 58 and 60, Tangtou Avenue,

W5 ET

WS CT

WSET

FAX: 0086-755-86376605

深圳世标检测认证股份有限公司

TEL: 0086-755-26996192 26996053 26996144

Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China.

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W5 CT





W5 CT



Report No.: WSCT-ANAB-R&E240700030A-Wi-Fi1

Vertical:

			W	Peak	\	AV		QP		PK	_	Limit1	_	- Limit2	_	Trac	e1 —	- Trace2	2		
	90	<u> </u>		-	1	_	-	1		_		-		'	,				-		
	80	1																			-
	70																				=
	60	-											3								6
[//wildB/m//	50			1		2	d		an dia mandha		a limited de la lice	a distribute	-					4			
3	40	The state of the s	بالأساليان	Name of Street	in the same	AND THE PERSON	Maria de la compansión de La compansión de la compa		Marian Comment	,						-		A CONTRACTOR		*	
8	30			<u> </u>		-															-
-	20	-																			=
	10	-																			_
	0	-																			-
	-10				2			3G					(6		3G	-	10	12.75G		18
										Fr	eq[GHz]										
1																					

Level [dB(uV)] Freq. [MHz] Reading Factor Limit Margin NO. Polarity Trace Verdict [dB(uV)] [dB] [dB] [dB] ľľ 1669.3750 41 12 0.21 40.91 74 -32.88 0 Vertical PK Pass 2484.3750 39.31 74 -26.83 358.3 PK 47 17 7.86 Vertical Pass 5708.7500 56.23 21.32 34.91 74 -17.77 305.8 PK Vertical Pass 10693.5000 44.73 39.07 5.66 74 -29.27 57.9 PK Vertical Pass 14203.5000 50.31 41.24 9.07 74 -23.69 233.7 Vertical PΚ Pass

Final Data List

17773.5000

52.77

44.98

7.79

-21.23

0.4

Vertical

	NO.	[MHz]	[dB(uV)]	[dB]	[dB (uV)]	[dB]	[dB]	[°]	Polarity	Trace	t	
	1	1669.3750	30.97	0.21	30.76	54	-23.03	0	Vertical	AV	Pass	
	1	1669.3750	41.12	0.21	40.91	74	-32.88	0	Vertical	QP	Pass	
	2	2484.3750	37.64	7.86	29.78	54	-16.36	358.3	Vertical	AV	Pass	
	2	2484.3750	47.17	7.86	39.31	74	-26.83	358.3	Vertical	QP	Pass	/
Ż	3	5708.7500	47.11	21.32	25.79	54	-6.89	305.8	Vertical	AV	Pass	ď
	3	5708.7500	56.23	21.32	34.91	74	-17.77	305.8	Vertical	QP	Pass	
	4	10693.5000	38.25	39.07	-0.82	54	-15.75	57.9	Vertical	AV	Pass	
	4	10693.5000	44.73	39.07	5.66	74	-29.27	57.9	Vertical	QP	Pass	
	5	14203.5000	42.54	41.24	1.3	54	-11.46	233.7	Vertical	AV	Pass	
\	5	14203.5000	50.31	41.24	9.07	74	-23.69	233.7	Vertical	QP	Pass	/
Ž	6	17773.5000	45.43	44.98	0.45	54	-8.57	0.4	Vertical	AV	Pass	8
	6	17773.5000	52.77	44.98	7.79	74	-21.23	0.4	Vertical	QP	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.

