Julial distriction World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalalata Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi -6dB Bandwidth NVNT g 2437MHz Ant1 Spectrum Analyzer 1 Occupied BW SCPI + Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 2.437000000 GHz Avg|Hold: 100/100 Radio Std: None KEYSIGHT Input: RF Align: Auto Mkr3 2.445043000 GHz 1 Graph Ref Lvi Offset 2.28 dB Ref Value 22.28 dBm Scale/Div 10.0 dB -2.26 dBm was the grant of the was of the property of the second of porter both the continue of th Center 2.43700 GHz #Res BW 100.00 kHz Span 40 MHz Sweep 4.00 ms (10001 pts) #Video BW 300.00 kHz 2 Metrics Measure Trace Trace 1 Occupied Bandwidth 16.678 MHz 24.3 dBm Total Power Transmit Freq Error 4.957 kHz % of OBW Power 99.00 % x dB Bandwidth 16.08 MHz -6.00 dB Mar 19, 2025 5:01:14 PM ** -6dB Bandwidth NVNT g 2462MHz Ant1 Spectrum Analyzer 1 Occupied BW + Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 2.462000000 GHz Avg|Hold: 100/100 Radio Std: None KEYSIGHT Input: RF Atten: 30 dB Preamp: Off Align: Auto Mkr3 2.470153000 GHz 1 Graph Ref LvI Offset 2.32 dB Ref Value 22.32 dBm 0.38 dBm Scale/Div 10.0 dB Martin de de la company de but he was promised to the same of the sam Center 2.46200 GHz #Res BW 100.00 kHz Span 40 MHz Sweep 4.00 ms (10001 pts) #Video BW 300.00 kHz Measure Trace Occupied Bandwidth 16.510 MHz 23.1 dBm Total Power % of OBW Power -16.427 kHz 16.34 MHz 99.00 % Transmit Freq Error x dB Bandwidth -6.00 dB ation& Test 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 29 of 73

Julial distriction World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalalata Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi -6dB Bandwidth NVNT n20 2412MHz Ant1 Spectrum Analyzer 1 Occupied BW SCPI + Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 2.412000000 GHz Avg|Hold: 100/100 Radio Std: None KEYSIGHT Input: RF Align: Auto Mkr3 2.420329000 GHz 1 Graph Ref Lvi Offset 2.26 dB Ref Value 22.26 dBm Scale/Div 10.0 dB -2.12 dBm <mark>∂2</mark> where we will be mad how in but he will where we have the contract of Center 2.41200 GHz #Res BW 100.00 kHz Span 40 MHz Sweep 4.00 ms (10001 pts) #Video BW 300.00 kHz 2 Metrics Measure Trace Trace 1 Occupied Bandwidth 17.664 MHz 23.6 dBm Total Power Transmit Freq Error -15.657 kHz % of OBW Power 99.00 % x dB Bandwidth 16.69 MHz -6.00 dB Mar 19, 2025 5:08:22 PM ** -6dB Bandwidth NVNT n20 2437MHz Ant1 Spectrum Analyzer 1 Occupied BW SCPI Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 2.437000000 GHz Avg|Hold: 100/100 Radio Std: None KEYSIGHT Input: RF Atten: 30 dB Preamp: Off Align: Auto Mkr3 2.445460000 GHz 1 Graph Ref LvI Offset 2.28 dB Ref Value 22.28 dBm -0.74 dBm Scale/Div 10.0 dB **3** garananang panganang where profession the compression of the second seco Center 2.43700 GHz #Res BW 100.00 kHz Span 40 MHz Sweep 4.00 ms (10001 pts) #Video BW 300.00 kHz Measure Trace Occupied Bandwidth 17.781 MHz 24.3 dBm Total Power % of OBW Power 99.00 % Transmit Freq Error x dB Bandwidth -4.706 kHz 16.93 MHz -6.00 dB tion& Test 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 30 of 73

Julial distriction World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalalata Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi -6dB Bandwidth NVNT n20 2462MHz Ant1 Spectrum Analyzer 1 Occupied BW SCPI + Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 2.462000000 GHz Avg|Hold: 100/100 Radio Std: None KEYSIGHT Input: RF Align: Auto Mkr3 2.468590000 GHz 1 Graph Ref Lvi Offset 2.32 dB Ref Value 22.32 dBm Scale/Div 10.0 dB 2.21 dBm **43 ∆**2 Center 2.46200 GHz #Res BW 100.00 kHz Span 40 MHz Sweep 4.00 ms (10001 pts) #Video BW 300.00 kHz 2 Metrics Measure Trace Trace 1 Occupied Bandwidth 17.674 MHz 23.2 dBm Total Power Transmit Freq Error 226 Hz % of OBW Power 99.00 % 13.18 MHz x dB Bandwidth -6.00 dB Mar 19, 2025 5:14:13 PM ** -6dB Bandwidth NVNT n40 2422MHz Ant1 Spectrum Analyzer 1 Occupied BW Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 2.422000000 GHz Avg|Hold: 100/100 Radio Std: None KEYSIGHT Input: RF Atten: 30 dB Preamp: Off Align: Auto Mkr3 2.439514000 GHz 1 Graph Ref LvI Offset 2.27 dB Ref Value 22.27 dBm -3.06 dBm Scale/Div 10.0 dB and when the hold of the state hand the state of Center 2.42200 GHz #Res BW 100.00 kHz Span 60 MHz Sweep 6.00 ms (10001 pts) #Video BW 300.00 kHz Measure Trace Occupied Bandwidth 35 855 MHz 20.6 dBm Total Power % of OBW Power 99.00 % Transmit Freq Error x dB Bandwidth -38.983 kHz -6.00 dB tion& Test 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 31 of 73

Julial distriction World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalalata Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi -6dB Bandwidth NVNT n40 2437MHz Ant1 Spectrum Analyzer 1 Occupied BW SCPI + Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Atten: 30 dB Preamp: Off Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 2.437000000 GHz Avg|Hold: 100/100 Radio Std: None KEYSIGHT Input: RF Align: Auto Mkr3 2.454863000 GHz 1 Graph Ref Lvi Offset 2.28 dB Ref Value 22.28 dBm Scale/Div 10.0 dB -4.57 dBm Mary and by assert a regular and a selection of the second MILL STATE OF THE Center 2.43700 GHz #Res BW 100.00 kHz Span 60 MHz Sweep 6.00 ms (10001 pts) #Video BW 300.00 kHz 2 Metrics Measure Trace Trace 1 Occupied Bandwidth 36.360 MHz 22.2 dBm Total Power Transmit Freq Error -78.972 kHz % of OBW Power 99.00 % x dB Bandwidth 35.88 MHz -6.00 dB Apr 01, 2025 ** -6dB Bandwidth NVNT n40 2452MHz Ant1 Spectrum Analyzer 1 Occupied BW Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Trig: Free Run Gate: Off #IF Gain: Low Center Freq: 2.452000000 GHz Avg|Hold: 100/100 Radio Std: None KEYSIGHT Input: RF Atten: 30 dB Preamp: Off Align: Auto Mkr3 2.469866000 GHz 1 Graph Ref LvI Offset 2.31 dB Ref Value 22.31 dBm -4.86 dBm Scale/Div 10.0 dB Center 2.45200 GHz #Res BW 100.00 kHz Span 60 MHz Sweep 6.00 ms (10001 pts) #Video BW 300.00 kHz Measure Trace Occupied Bandwidth 36.507 MHz 23.5 dBm Total Power % of OBW Power 315.96 kHz 35.10 MHz 99.00 % Transmit Freq Error x dB Bandwidth -6.00 dB tion& Test 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 32 of 73



W5C1

W5 C1

WS C1

World Standardization Certification & Testing Group (Shenzhen) Co., ltd.



W5C1



Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi

6.4. Power Spectral Density

6.	4.1. Test Specification	T WSET WSET	W5ET°
	Test Requirement:	FCC Part15 C Section 15.247 (e)	
6	Test Method:	KDB 558074	
	Limit:	The average power spectral density shall not be greater than 8dBm in any 3kHz band at any time interval of continuous transmission.	X
_	Test Setup:		W5ET [®]
		Spectrum Analyzer EUT	
	Test Mode:	Transmitting mode with modulation	
		 The testing follows Measurement Procedure 10.3 Method AVGPSD 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. 	WSET
	Test Procedure:	4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW): 3 kHz ≤ RBW ≤ 100	WSET
		6. Measure and record the results in the test report.	

PASS

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Test Result:





Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi

6.4.2. Test data(worst)

W5CT

WSET°	Mode	Frequency	Total PSD	Limit	Verdict	WSET [®]
		(MHz)	(dBm/3kHz)	(dBm/3kHz)		
X	b	2412	-7.74	8	Pass	X
	b	2437	-9.03	8	Pass	
WSET	75 67°	2462	75 -5 .87	85 <i>LT</i>	Pass	W5CT°
	g	2412	-9.89	8	Pass	
X	g	2437	-10.78	8	Pass	X
	g	2462	-8.41	8	Pass	
W5 ET	n20	2412	-9.23W5	8	Pass	"W5 CT"
	n20	2437	-10.07	8	Pass	
X	n20	2462	-8.59	8	Pass	X
	n40	2422	-12.88	8	Pass	
W5CT°	n40	2437	75 -12.94	1875 CT°	Pass	W5CT°
	n40	2452	-16.28	8	Pass	
X		X	>		X	X

X	>	<i>\</i>	X	X	X

WS CT	WSET	W5ET	WSET	WSET

W5CT°	W5CT°	W5 CT°	W5 CT°	W5CT®

W5 CT	W5 C1	ws ct	WS CT	" WS CT"

W5CT°	W5CT°	W5 CT°	W5CT°	WSCT"

WSCT	WSCT	WSCT	WSCT	WS CT°

WSCT	WSCT	WSCT	WSCT

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Member of the WSCT Group (WSCT SA)

World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** Infaladala da Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi **Test Graphs** PSD NVNT b 2412MHz Ant1 + Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) KEYSIGHT Input: RF #Atten: 30 dB Preamp: Off PNO: Fast Gate: Off IF Gain: Low Sig Track: Off PNNNNN Mkr1 2.411 00 GHz Ref LvI Offset 2.26 dB Ref Level 20.00 dBm -7.74 dBm Scale/Div 10 dB #Video BW 10 kHz Center 2.41200 GHz #Res BW 3.0 kHz ? Apr 01, 2025 M PSD NVNT b 2437MHz Ant1 + Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Off KEYSIGHT Input: RF 1 2 3 4 5 6 Align: Auto PNNNNN Mkr1 2.435 00 GHz Ref Lvl Offset 2.28 dB Ref Level 20.00 dBm -9.03 dBm Scale/Div 10 dB Center 2.43700 GHz #Video BW 10 kHz ation& Test 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 of 73

Thinling in World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalala Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi PSD NVNT b 2462MHz Ant1 Spectrum Analyzer 1 Swept SA SCPI + PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Avg Type: Log-Power Avg|Hold: 10/10 Trig: Free Run 1 2 3 4 5 6 M W W W W W KEYSIGHT Input: RF PNNNNN Mkr1 2.460 00 GHz Ref Lvl Offset 2.32 dB Ref Level 20.00 dBm Scale/Div 10 dB -5.87 dBm hunghan man Center 2.46200 GHz #Res BW 3.0 kHz #Video BW 10 kHz Span 40.00 MHz Sweep 4.22 s (1001 pts) Apr 01, 2025 11:25:01 AM PSD NVNT g 2412MHz Ant1 Spectrum Analyzer 1 Swept SA + Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Avg Type: Log-Power Avg|Hold: 10/10 Trig: Free Run PNO: Fast Gate: Off IF Gain: Low Sig Track: Off KEYSIGHT Input: RF #Atten: 30 dB Preamp: Off 1 2 3 4 5 6 $M \leftrightarrow W \leftrightarrow W \leftrightarrow W$ PNNNN Mkr1 2.407 00 GHz Ref Lvl Offset 2.26 dB Ref Level 20.00 dBm -9.89 dBm Scale/Div 10 dB offwhitehorpressed profession profession of the second sec hypotraphy many hours de hours of refresher #Video BW 10 kHz Span 40.00 MHz Sweep 4.22 s (1001 pts) Center 2.41200 GHz #Res BW 3.0 kHz ? Apr 01, 2025 噩 ation& Test 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 36 of 73

W5CT° W5CT" Thinling in World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalala Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi PSD NVNT g 2437MHz Ant1 Spectrum Analyzer 1 Swept SA SCPI + PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Avg Type: Log-Power Avg|Hold: 10/10 Trig: Free Run 1 2 3 4 5 6 M W W W W W KEYSIGHT Input: RF PNNNNN Mkr1 2.440 80 GHz Ref Lvl Offset 2.28 dB Ref Level 20.00 dBm -10.78 dBm Scale/Div 10 dB winding bearing and bearing bearing and the second and the second Center 2.43700 GHz #Res BW 3.0 kHz #Video BW 10 kHz Span 40.00 MHz Sweep 4.22 s (1001 pts) Apr 01, 2025 11:30:23 AM PSD NVNT g 2462MHz Ant1 Spectrum Analyzer 1 Swept SA + Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Avg Type: Log-Power Avg|Hold: 10/10 Trig: Free Run KEYSIGHT Input: RF #Atten: 30 dB Preamp: Off 1 2 3 4 5 6 $M \leftrightarrow W \leftrightarrow W \leftrightarrow W$ PNNNN Mkr1 2.458 28 GHz Ref Lvl Offset 2.32 dB Ref Level 20.00 dBm -8.41 dBm Scale/Div 10 dB myny felighag fransferigan had ang mangrasa partaret homen for physical resulting proseculations. #Video BW 10 kHz Span 40.00 MHz Sweep 4.22 s (1001 pts) Center 2.46200 GHz #Res BW 3.0 kHz ? Apr 01, 2025 噩 ation& Test 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 37 of 73

W5CT° Thinlindahin World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalala Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi PSD NVNT n20 2412MHz Ant1 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 1 2 3 4 5 6 M W W W W W KEYSIGHT Input: RF Align: Auto PNNNNN Mkr1 2.410 72 GHz Ref Lvl Offset 2.26 dB Ref Level 20.00 dBm -9.23 dBm Scale/Div 10 dB water boroling water with being brighter the brighter by 500 perekharlaktiyanlaktalyannakananyar Mayor for the person was the of the sector to the Center 2.41200 GHz #Res BW 3.0 kHz #Video BW 10 kHz Span 40.00 MHz Sweep 4.22 s (1001 pts) Apr 01, 2025 11:34:08 AM PSD NVNT n20 2437MHz Ant1 Spectrum Analyzer 1 Swept SA SCPI + Avg Type: Log-Power Avg|Hold: 10/10 Trig: Free Run Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Off KEYSIGHT Input: RF #Atten: 30 dB Preamp: Off 1 2 3 4 5 6 $M \leftrightarrow W \leftrightarrow W \leftrightarrow W$ PNNNN Mkr1 2.439 48 GHz Ref LvI Offset 2.28 dB Ref Level 20.00 dBm -10.07 dBm Scale/Div 10 dB hopewall the holes of the start of the source of the start of the #Video BW 10 kHz Span 40.00 MHz Sweep 4.22 s (1001 pts) Center 2.43700 GHz #Res BW 3.0 kHz ? Apr 01, 2025 噩 ation& Test 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 38 of 73

Thinling in World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalala Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi PSD NVNT n20 2462MHz Ant1 Spectrum Analyzer 1 Swept SA SCPI + PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Avg Type: Log-Power Avg|Hold: 10/10 Trig: Free Run 1 2 3 4 5 6 M W W W W W KEYSIGHT Input: RF Align: Auto PNNNNN Mkr1 2.460 76 GHz Ref Lvl Offset 2.32 dB Ref Level 20.00 dBm Scale/Div 10 dB -8.59 dBm por contract have been a forth percentificated being record from the percentificated being record from the percentificant of the per property property and how the many property porces Center 2.46200 GHz #Res BW 3.0 kHz #Video BW 10 kHz Span 40.00 MHz Sweep 4.22 s (1001 pts) Apr 01, 2025 11:36:28 AM PSD NVNT n40 2422MHz Ant1 Spectrum Analyzer 1 Swept SA SCPI + Avg Type: Log-Power Avg|Hold: 10/10 Trig: Free Run Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Off KEYSIGHT Input: RF #Atten: 30 dB Preamp: Off 1 2 3 4 5 6 $M \leftrightarrow W \leftrightarrow W \leftrightarrow W$ PNNNN Mkr1 2.410 72 GHz Ref LvI Offset 2.27 dB Ref Level 20.00 dBm -12.88 dBm Scale/Div 10 dB Malestyte shootstall all with respect nouselled product palenterelle ages longer gentrathar left #Video BW 10 kHz Span 80.00 MHz Sweep 8.44 s (1001 pts) Center 2.42200 GHz #Res BW 3.0 kHz ? Apr 01, 2025 噩 ation& Test 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 39 of 73

W5CT° WSCT" Thinling in World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalala Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi PSD NVNT n40 2437MHz Ant1 Spectrum Analyzer 1 Swept SA SCPI + PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Avg Type: Log-Power Avg|Hold: 10/10 Trig: Free Run 1 2 3 4 5 6 M W W W W W KEYSIGHT Input: RF Align: Auto PNNNNN Mkr1 2.434 52 GHz 1 Spectrum Ref Lvl Offset 2.28 dB Ref Level 20.00 dBm Scale/Div 10 dB -12.94 dBm Markethaller bank Januar Janua يناميل البريالهم الهيا الماما لداريه والمهاوا ليها المامالية المامالية المامالية المامالية المامالية المامالية n yang baran gunda kalabah kal amouther tollet anterior shipping by the fill of the party of the part Center 2.43700 GHz #Res BW 3.0 kHz #Video BW 10 kHz Span 80.00 MHz Sweep 8.44 s (1001 pts) Apr 01, 2025 11:08:57 AM PSD NVNT n40 2452MHz Ant1 Spectrum Analyzer 1 Swept SA + Avg Type: Log-Power Avg|Hold: 10/10 Trig: Free Run Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Off KEYSIGHT Input: RF #Atten: 30 dB Preamp: Off 1 2 3 4 5 6 $M \leftrightarrow W \leftrightarrow W \leftrightarrow W$ PNNNN Mkr1 2.470 16 GHz Ref Lvl Offset 2.31 dB Ref Level 20.00 dBm -16.28 dBm Scale/Div 10 dB Hannardaparthiliparaherthilipah «Խորոսկեսինիքիրուկսուրվերիկարիչիր» հոնձումունինի halluspaspestiere fragisch requistrante bliede _{Mallet}ophyddigaeairrephlangaeairhaing arby #Video BW 10 kHz Span 80.00 MHz Sweep 8.44 s (1001 pts) Center 2.45200 GHz #Res BW 3.0 kHz ? Apr 01, 2025 ation& Test 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 40 of 73





World Standardization Certification & Testing Group (Shenzhen) Co., ltd.

Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi

Conducted Band Edge and Spurious Emission Measurement 6.5.

6.5.1. Test Specification	6.5.1	. Test	Specification	NSCT
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Ο.	5.1. Test Specification 75	T WSET WSET	WSET"
	Test Requirement:	FCC Part15 C Section 15.247 (d)	
	Test Method:	KDB558074	
	Limit: T WSE	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).	W5 ET°
	Test Setup:		X
_	W5CT° W5C	Spectrum Analyzer EUT	W5CT°
	Test Mode:	Transmitting mode with modulation	
	W5ET*	1. The testing follows FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v04.	
	\times	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.	X
	W5 ET W5 E	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	WSLI
71	Test Procedure: T	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	W5 CT°
	W5 ET	a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB per 15.247(d). 5. Measure and record the results in the test report.	
	\times	The RF fundamental frequency should be excluded against the limit line in the operating frequency band.	X

Test Result:

PASS

TEL: 0086-755-26996192 26996053 26996144 FAX: 0086-755-86376605





Thinling in World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalala Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi Band Edge NVNT b 2462MHz Ant1 Ref Spectrum Analyzer 1 Swept SA SCPI + PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Avg Type: Log-Power Avg|Hold: 100/100 Trig: Free Run 1 2 3 4 5 6 M W W W W W KEYSIGHT Input: RF PNNNNN Mkr1 2.462 52 GHz 1 Spectrum Ref Lvl Offset 2.32 dB Ref Level 20.00 dBm Scale/Div 10 dB 10.11 dBm mannaham hophermany Laster Center 2.46200 GHz #Res BW 100 kHz #Video BW 300 kHz Span 40.00 MHz Sweep 3.87 ms (1001 pts) Mar 19, 2025 4:54:33 PM Band Edge NVNT b 2462MHz Ant1 Emission Spectrum Analyzer 1 Swept SA SCPI Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Avg Type: Log-Power Avg|Hold: 100/100 Trig: Free Run KEYSIGHT Input: RF #Atten: 30 dB Preamp: Off 1 2 3 4 5 6 $M \leftrightarrow W \leftrightarrow W \leftrightarrow W$ PNNNNN Mkr1 2.462 5 GHz Ref Lvl Offset 2.32 dB Ref Level 20.00 dBm 9.98 dBm Scale/Div 10 dB DL1 -9.89 dE Muy 2 ₍₎3 #Video BW 300 kHz Stop 2.54700 GHz Start 2.44700 GHz #Res BW 100 kHz Sweep 9.60 ms (1001 pts) Function Width Function Value 2.462 5 GHz 2.483 5 GHz 2.500 0 GHz 2.489 0 GHz 9.98 dBm -52.97 dBm -59.93 dBm -51.23 dBm ZZZ ation& Test 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 43 of 73

W5CT° Thinling in World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalala Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi Band Edge NVNT g 2412MHz Ant1 Ref Spectrum Analyzer 1 Swept SA SCPI + PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Avg Type: Log-Power Avg|Hold: 100/100 Trig: Free Run 1 2 3 4 5 6 M W W W W W KEYSIGHT Input: RF Align: Auto PNNNNN Mkr1 2.412 60 GHz 1 Spectrum Ref Lvl Offset 2.26 dB Ref Level 20.00 dBm Scale/Div 10 dB 5.32 dBm helphysen Congress of the Howard and Line John Harrington to way always of the sail 3 HIN HI MILLE WILL THE KILL SOME WAS TO BE WAS Center 2.41200 GHz #Res BW 100 kHz #Video BW 300 kHz Span 40.00 MHz Sweep 3.87 ms (1001 pts) Mar 19, 2025 4:58:29 PM Band Edge NVNT g 2412MHz Ant1 Emission Spectrum Analyzer 1 Swept SA Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Avg Type: Log-Power Avg|Hold: 100/100 Trig: Free Run KEYSIGHT Input: RF #Atten: 30 dB Preamp: Off 1 2 3 4 5 6 $M \leftrightarrow W \leftrightarrow W \leftrightarrow W$ PNNNNN Mkr1 2.410 7 GHz Ref Lvl Offset 2.26 dB Ref Level 20.00 dBm 5.17 dBm Scale/Div 10 dB #Video BW 300 kHz Stop 2.42700 GHz Start 2.32700 GHz #Res BW 100 kHz Sweep 9.60 ms (1001 pts) Function Width Function Value 2.410 7 GHz 2.400 0 GHz 2.400 0 GHz 2.399 1 GHz 5.17 dBm -21.03 dBm ZZZ -21.03 dBm -18.33 dBm ation& Test 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 44 of 73

W5CT° Thinling in World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalala Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi Band Edge NVNT g 2462MHz Ant1 Ref Spectrum Analyzer 1 Swept SA SCPI + PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Avg Type: Log-Power Avg|Hold: 100/100 Trig: Free Run 1 2 3 4 5 6 M W W W W W KEYSIGHT Input: RF PNNNNN Mkr1 2.463 24 GHz Ref Lvl Offset 2.32 dB Ref Level 20.00 dBm Scale/Div 10 dB 9.22 dBm ghearthroadstuferralthamphrheir feil Assifterarfeir 30.0 mm & hyllrow fill lapson stylegon more applicable Center 2.46200 GHz #Res BW 100 kHz #Video BW 300 kHz Span 40.00 MHz Sweep 3.87 ms (1001 pts) Mar 19, 2025 5:06:21 PM Band Edge NVNT g 2462MHz Ant1 Emission Spectrum Analyzer 1 Swept SA SCPI Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Avg Type: Log-Power Avg|Hold: 100/100 Trig: Free Run KEYSIGHT Input: RF #Atten: 30 dB Preamp: Off 1 2 3 4 5 6 $M \leftrightarrow W \leftrightarrow W \leftrightarrow W$ PNNNNN Mkr1 2.460 7 GHz 1 Spectrum Ref Lvl Offset 2.32 dB Ref Level 20.00 dBm 5.47 dBm Scale/Div 10 dB A Tophy March Harman Harles Δ3 #Video BW 300 kHz Stop 2.54700 GHz Start 2.44700 GHz #Res BW 100 kHz Sweep 9.60 ms (1001 pts) Function Width Function Value 2.460 7 GHz 2.483 5 GHz 2.500 0 GHz 2.483 6 GHz 5.47 dBm -37.14 dBm -60.76 dBm -35.36 dBm ZZZ ation& Test 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 45 of 73

W5CT° Thinling in World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalala Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi Band Edge NVNT n20 2412MHz Ant1 Ref Spectrum Analyzer 1 Swept SA SCPI + PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) Avg Type: Log-Power Avg|Hold: 100/100 Trig: Free Run 1 2 3 4 5 6 M W W W W W KEYSIGHT Input: RF Align: Auto PNNNNN Mkr1 2.413 20 GHz 1 Spectrum Ref Lvl Offset 2.26 dB Ref Level 20.00 dBm Scale/Div 10 dB 5.35 dBm Mark the state of 30.0 Prophiliphy traped phroniby portion to be by a company of the body. Langer Self Tody Tyle Langer L

> ? Mar 19, 2025 5:09:44 PM Band Edge NVNT n20 2412MHz Ant1 Emission Spectrum Analyzer 1 Swept SA Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Avg Type: Log-Power Avg|Hold: 100/100 Trig: Free Run KEYSIGHT Input: RF #Atten: 30 dB Preamp: Off 1 2 3 4 5 6 $M \leftrightarrow W \leftrightarrow W \leftrightarrow W$ PNNNNN Mkr1 2.417 0 GHz Ref Lvl Offset 2.26 dB Ref Level 20.00 dBm 7.41 dBm Scale/Div 10 dB #Video BW 300 kHz Stop 2.42700 GHz Start 2.32700 GHz #Res BW 100 kHz Sweep 9.60 ms (1001 pts)

> > 7.41 dBm -21.65 dBm -21.65 dBm -19.84 dBm

Function Width

#Video BW 300 kHz

WSET WSET WSET WSET WSE

2.417 0 GHz 2.400 0 GHz 2.400 0 GHz 2.398 5 GHz

WSET WSET WSET WSE

WSET WSET WSET WSET

ADD: Building A-B, Baoli'an Industrial Park, No.58 and 60, Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, Chin.

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深圳世标检测认证股份有限公司
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Span 40.00 MHz Sweep 3.87 ms (1001 pts)

Function Value

Center 2.41200 GHz #Res BW 100 kHz

ZZZ

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WSET WSET WSET WSET WSET

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