Thinling in World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalala Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi Band Edge NVNT n40 2422MHz 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 30 GHz Ref LvI Offset 2.27 dB Ref Level 20.00 dBm Scale/Div 10 dB 1.69 dBm

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Jane Brang Ard Holland Aprica Assert

Center 2.42200 GHz #Res BW 100 kHz #Video BW 300 kHz Span 60.00 MHz Sweep 5.80 ms (1001 pts) ? Apr 01, 2025 .... Band Edge NVNT n40 2422MHz 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 2.413 3 GHz Ref Lvl Offset 2.27 dB Ref Level 20.00 dBm 1.74 dBm Scale/Div 10 dB 1myles bed a fred and a second and a second Stop 2.45200 GHz Sweep 9.60 ms (1001 pts) #Video BW 300 kHz Start 2.35200 GHz #Res BW 100 kHz Function Width Function Value 2.413 3 GHz 2.400 0 GHz 2.400 0 GHz 2.399 6 GHz 1.74 dBm -29.84 dBm ZZZ -29.84 dBm -28.09 dBm 

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 E-mail: fengbing.wang@wsct-cert.com

Member of the WSCT Group (WSCT SA)

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a. 深圳世标检测认证股份有限公司 World Standardization Certification& Testing Group(Shenzhen) Co.,Ltd

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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 n40 2452MHz 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 2.469 52 GHz 1 Spectrum Ref Lvl Offset 2.31 dB Ref Level 20.00 dBm -0.15 dBm Scale/Div 10 dB Andraharlen The Many and Many and the Many Propression of the state of Center 2.45200 GHz #Res BW 100 kHz #Video BW 300 kHz Span 60.00 MHz Sweep 5.80 ms (1001 pts) ? Apr 01, 2025 .... Band Edge NVNT n40 2452MHz 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 2.469 5 GHz Ref Lvl Offset 2.31 dB Ref Level 20.00 dBm -0.71 dBm Scale/Div 10 dB plante bell of the polled and by the bell of DI 1 -20 15 di hondrander, wild a service of the se physical harly by the file of the #Video BW 300 kHz Start 2.42200 GHz Stop 2.52200 GHz

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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 E-mail: fengbing.wang@wsct-cert.com Http: www.wsct-cert.com

ina. 深圳世标检测认证股份有限公司
Om World Standardization Certification& Testing Group( Shenzhen) Co., L

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World Standardization Certification & Testing Group (Shenzhen) Co., Itd. **ac-MRA** Infaladalata Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi **Conducted RF Spurious Emission** Test Graphs Tx. Spurious NVNT b 2412MHz Ant1 Ref Spectrum Analyzer 1 Swept SA SCPI + PNO: Fast Gate: Off IF Gain: Low Sig Track: Off KEYSIGHT Input: RF 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 ₩ ₩ ₩ ₩ Align: Auto PNNNN Mkr1 2.411 01 GHz Ref Lvl Offset 2.26 dB Ref Level 20.00 dBm 10.58 dBm Scale/Div 10 dB Jahra L Center 2.41200 GHz #Res BW 100 kHz Span 30.00 MHz Sweep 2.93 ms (1001 pts) #Video BW 300 kHz ? Mar 19, 2025 4:12:46 PM 5 Tx. Spurious NVNT b 2412MHz Ant1 Emission Spectrum Analyzer 1 Swept SA SCPI + Avg Type: Log-Pov Avg|Hold: 10/10 Trig: Free Run Input Z: 50 Ω #Atten: 30 dB Preamp: Off KEYSIGHT Input: RF 1 2 3 4 5 6 Corr CCorr Freq Ref: Int (S) M \*\*\* \*\*\* \*\*\* \*\*\* PNNNN Mkr1 2.411 4 GHz Ref LvI Offset 2.26 dB Ref Level 20.00 dBm 8.47 dBm DL1 -9.42 di **∆**4 **∆**5 Start 30 MHz #Res BW 100 kHz Stop 26.50 GHz Sweep ~2.53 s (30001 pts) #Video BW 300 kHz Function Width Function Value 2.411 4 GHz 8.47 dBm 4.823 7 GHz 4.823 7 GHz 4.823 7 GHz 7.166 3 GHz 9.770 1 GHz -37.65 dBm -37.65 dBm -37.65 dBm -54.22 dBm -54.52 dBm ZZZZ ? Mar 19, 2025 .... 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 50 of 73 Member of the WSCT Group (WSCT.SA

Thinling in World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalala Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi Tx. Spurious NVNT b 2437MHz 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 2.436 48 GHz 1 Spectrum Ref Lvl Offset 2.28 dB Ref Level 20.00 dBm 11.45 dBm Scale/Div 10 dB parameter mhahaha MM MMM MARAM Center 2.43700 GHz #Res BW 100 kHz #Video BW 300 kHz Span 40.00 MHz Sweep 3.87 ms (1001 pts) ? Mar 19, 2025 4:52:08 PM Tx. Spurious NVNT b 2437MHz Ant1 Emission 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  $M \leftrightarrow W \leftrightarrow W \leftrightarrow W$ PNNNNN Mkr1 2.437 9 GHz Ref LvI Offset 2.28 dB Ref Level 20.00 dBm 10.48 dBm Scale/Div 10 dB **∆**5 ∆4 Stop 26.50 GHz Sweep ~2.53 s (30001 pts) #Video BW 300 kHz #Res BW 100 kHz Function Width Function Value 2.437 9 GHz 3.498 5 GHz 4.874 0 GHz 7.351 6 GHz 9.710 1 GHz 10.48 dBm -39.09 dBm -39.13 dBm -54.51 dBm ZZZZ -54.66 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 51 of 73

Thinlindahin World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalala Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi Tx. Spurious 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 Align: Auto PNNNNN Mkr1 2.462 48 GHz 1 Spectrum Ref LvI Offset 2.32 dB Ref Level 20.00 dBm Scale/Div 10 dB 9.54 dBm **§**1 malhanahan handan My 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 4:54:50 PM Tx. Spurious NVNT b 2462MHz Ant1 Emission 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 2.462 6 GHz Ref Lvl Offset 2.32 dB Ref Level 20.00 dBm 9.51 dBm Scale/Div 10 dB **∆**5 **∆**4 Stop 26.50 GHz Sweep ~2.53 s (30001 pts) #Video BW 300 kHz #Res BW 100 kHz Function Width 2.462 6 GHz 4.924 3 GHz 4.924 3 GHz 7.192 8 GHz 9.51 dBm -46.48 dBm -46.48 dBm -53.75 dBm ZZZZ 9.756 8 GHz -53.93 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 52 of 73

Thinlindahin World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalala Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi Tx. Spurious 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 2.413 26 GHz Ref Lvl Offset 2.26 dB Ref Level 20.00 dBm Scale/Div 10 dB 6.58 dBm mont bushing by ward broken broken broken broken 20.0 harry market harry harry harry Center 2.41200 GHz #Res BW 100 kHz #Video BW 300 kHz Span 30.00 MHz Sweep 2.93 ms (1001 pts) ? Apr 01, 2025 .... Tx. Spurious 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: 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 2.409 7 GHz Ref Lvl Offset 2.26 dB Ref Level 20.00 dBm 5.56 dBm Scale/Div 10 dB DL1 13.42 dE **∆**5 Stop 26.50 GHz Sweep ~2.53 s (30001 pts) #Video BW 300 kHz #Res BW 100 kHz Function Width Function Value 5.56 dBm -48.49 dBm -54.41 dBm -54.90 dBm 2.409 7 GHz 5.808 4 GHz ZZZZ 4.837 8 GHz 7.169 8 GHz 9.650 1 GHz -54.88 dBm ? 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 53 of 73

Thinling in World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalala Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi Tx. Spurious NVNT g 2437MHz 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 KEYSIGHT Input: RF 1 2 3 4 5 6 M W W W W W Align: Auto PNNNNN Mkr1 2.441 96 GHz Ref Lvl Offset 2.28 dB Ref Level 20.00 dBm Scale/Div 10 dB 8.34 dBm word have produced by the same of the same 30.0 perpet personal confunction is a few and the construction of the contract of the co Center 2.43700 GHz #Res BW 100 kHz #Video BW 300 kHz Span 40.00 MHz Sweep 3.87 ms (1001 pts) ? Mar 19, 2025 5:02:22 PM Tx. Spurious NVNT g 2437MHz Ant1 Emission 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 2.437 9 GHz Ref Lvl Offset 2.28 dB Ref Level 20.00 dBm 4.94 dBm Scale/Div 10 dB DL1 -11.66 dE ◊2 **∆**5 <u>∆</u>4 Stop 26.50 GHz Sweep ~2.53 s (30001 pts) #Video BW 300 kHz #Res BW 100 kHz Function Width 2.437 9 GHz 25.639 7 GHz 4.870 5 GHz 7.187 5 GHz 9.772 7 GHz 4.94 dBm -49.00 dBm -50.48 dBm -54.26 dBm ZZZZ -54.01 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 54 of 73

W5CT" Thinling in World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalala Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi Tx. Spurious 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 KEYSIGHT Input: RF 1 2 3 4 5 6 M W W W W W Align: Auto PNNNNN Mkr1 2.463 60 GHz 1 Spectrum Ref Lvl Offset 2.32 dB Ref Level 20.00 dBm Scale/Div 10 dB 5.71 dBm har programment our our liver have Larrallhappelled markenstrations more substituted 30.0 Happillyarahar appropriate partiagraphera of 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 5:06:43 PM Tx. Spurious NVNT g 2462MHz 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: 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 2.461 7 GHz Ref Lvl Offset 2.32 dB Ref Level 20.00 dBm 5.20 dBm Scale/Div 10 dB DL1 -14.29 dB **⊘**2 **∆**5 **∆**4 Stop 26.50 GHz Sweep ~2.53 s (30001 pts) #Video BW 300 kHz #Res BW 100 kHz Function Width 2.461 7 GHz 25.750 9 GHz 5.052 2 GHz 7.303 1 GHz 5.20 dBm -49.71 dBm -53.46 dBm -54.07 dBm ZZZZ 9.771 8 GHz -54.08 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 55 of 73



Thinlindahin World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalala Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi Tx. Spurious NVNT n20 2437MHz 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 2.432 04 GHz 1 Spectrum Ref LvI Offset 2.28 dB Ref Level 20.00 dBm Scale/Div 10 dB 7.32 dBm who was how was the mander of the was here who was the said 300 Month of July Horely become by Her fulled of ten aparts of Ard present more from Mary Center 2.43700 GHz #Res BW 100 kHz #Video BW 300 kHz Span 40.00 MHz Sweep 3.87 ms (1001 pts) ? Mar 19, 2025 5:12:48 PM Tx. Spurious NVNT n20 2437MHz Ant1 Emission 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 2.436 1 GHz Ref Lvl Offset 2.28 dB Ref Level 20.00 dBm 4.48 dBm Scale/Div 10 dB DL1 -12.68 dB **∆**5 Stop 26.50 GHz Sweep ~2.53 s (30001 pts) #Video BW 300 kHz #Res BW 100 kHz Function Width Function Value 2.436 1 GHz 4.871 4 GHz 4.871 4 GHz 7.165 4 GHz 9.820 4 GHz 4.48 dBm -48.32 dBm -48.32 dBm ZZZZ -53.92 dBm -54.19 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 57 of 73

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W5CT" Thinlindahin World Standardization Certification & Testing Group (Shenzhen) Co., ltd. **ac-MRA** "Infalalala Report No.: WSCT-ANAB-R&E250400022A-Wi-Fi Tx. Spurious NVNT n40 2452MHz 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 2.469 52 GHz 1 Spectrum Ref Lvl Offset 2.31 dB Ref Level 20.00 dBm Scale/Div 10 dB -0.88 dBm horaulteraporally of the filth Center 2.45200 GHz #Res BW 100 kHz #Video BW 300 kHz Span 60.00 MHz Sweep 5.80 ms (1001 pts) ? Apr 01, 2025 .... Tx. Spurious NVNT n40 2452MHz Ant1 Emission 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  $M \Leftrightarrow W \Leftrightarrow W \Leftrightarrow$ PNNNN Mkr1 2.467 0 GHz Ref Lvl Offset 2.31 dB Ref Level 20.00 dBm -2.93 dBm Scale/Div 10 dB **∆**5 Stop 26.50 GHz Sweep ~2.53 s (30001 pts) #Video BW 300 kHz #Res BW 100 kHz Function Width Function Value 2.467 0 GHz 26.394 1 GHz 5.069 9 GHz 7.452 2 GHz 9.858 3 GHz -2.93 dBm -49.23 dBm -54.46 dBm -55.24 dBm ZZZZ -54.26 dBm ? 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 61 of 73

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





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

## 6.6. Radiated Spurious Emission Measurement

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W5 E

Peak

W5 C

W5CT

6	6.1. Test Specification								
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	Test Requirement:	FCC Part15 C Section 15.209							
7°	Test Method:	ANSI C63.10: 2014 W5 C7 W5 C7							
	Frequency Range:	9 kHz to 25 GHz							
	Measurement Distance:	3 m							
	Antenna Polarization: V5 [7]	Horizontal &	Vertical		W5L	7°			
	Operation mode:	Transmitting	mode with	modulat	ion				
		Frequency	Detector	RBW	VBW	Remark			
	MAC CT <sup>®</sup>	9kHz- 150kHz	Quasi-peak	200Hz	1kHz	Quasi-peak Value			
/	W5 CT <sup>®</sup>	150kHz-	Quasi-peak	9kHz	30kHz	Quasi-peak Value			
	Receiver Setup:	30MHz							
	X	30MHz-1GHz	Quasi-peak	100KHz	300KHz	Quasi-peak Value			
		Abovo 1GHz	Peak	1MHz	3MHz	Peak Value			

		Frequency	Field Strength	Measurement
X	X	riequency	(microvolts/meter)	Distance (meters)
		0.009-0.490	2400/F(KHz)	300
W5CT°	WSET	0.490-1.705	24000/F(KHz)	30
IPIGA.	Walt	1.705-30	30	30
		30-88	100	3
	X	88-216	150	3
	Limit:	216-960	200	3
	WSCT° WSC1	Above 960 1/5 [7]	500 W5	3

Above 1GHz

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

1MHz

10Hz

Average Value

WSCT	requeries	(microvolts/meter)	(meters)	Detector
TP 194	Above 1GHz	500	3	Average
	Above IGHZ	5000	3	Peak
X		X	X	

For radiated emissions below 30MHz

NS CI Test setup: W5 C

Computer Pre -Amplifier Receiver Ground Plane

30MHz to 1GHz

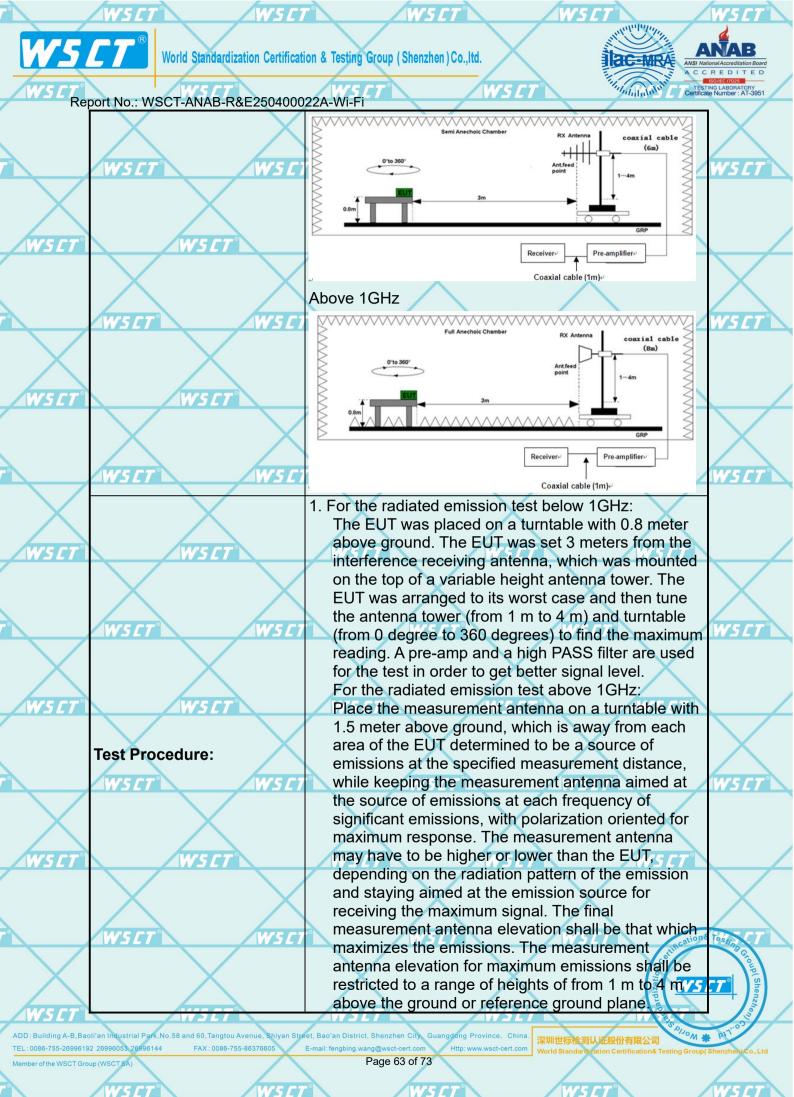
W5 C1

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W5 CI

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World diamagnization continuation a resulty group (chenzilen) co.,it

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

Note 1: The symbol of "--" in the table which means not application.

Test results:

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PASS

Note 2: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both 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.

WSET WSET WSET WSET WSET

WSCT<sup>®</sup> WSCT<sup>®</sup>

WSCT

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## 6.6.2. Test Data(worst)

Please refer to following diagram for individual Below 1GHz

W5 CT



	No.	Mk.	Freq.	Reading Level	Factor	ment	Limit	Over	TA.	X
W5		X	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	WSCT
	1	* 50.	3700	38.21	-2.14	36.07	40.00	-3.93	QP	
	2	1 60.	0700	36.50	-2.82	33.68	40.00	-6.32	QP	
WSET <sup>®</sup>	3	97.	9000	41.74	-5.68	36.06	43.50	-7.44	QP	<b>ET</b> °
	4	201.	6900	34.21	-5.92	28.29	43.50	-15.21	QP	
	5	581.	9300	27.70	3.37	31.07	46.00	-14.93	QP	
W5	6	972.	8400	25.46	8.31	33.77	54.00	-20.23	QP	WSCT
							1		1	

WSCT WSCT WSCT WSCT WSCT

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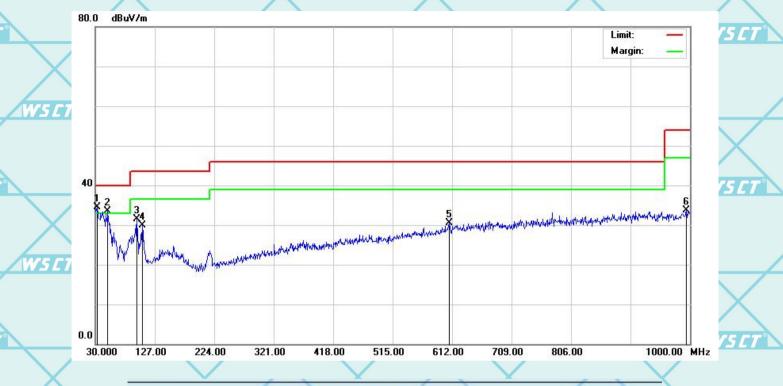
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Vertical:

W5CT"



WSET <sup>®</sup>	No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	The same	CT°
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	
	1	*	32.9100	36.93	-2.51	34.42	40.00	-5.58	QP	
W.S	2	Ali	50.3700	35.70	-2.14	33.56	40.00	-6.44	QP	W
	3		97.9000	37.13	-5.68	31.45	43.50	-12.05	QP	
	4		106.6300	34.80	-4.90	29.90	43.50	-13.60	QP	
W5ET*	5	4	607.1500	26.54	3.88	30.42	46.00	-15.58	QP	CT°
	6		994.1800	25.12	8.57	33.69	54.00	-20.31	QP	

Note1:5 [7]

awsct"

W5CT°

WELT

WSIT

Freq. = Emission frequency in MHz

Reading level (dBµV) = Receiver reading

Corr. Factor (dB) = Antenna factor + Cable loss - Amplifier factor.

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

Limit (dBµV) = Limit stated in standard

Margin (dB) = Measurement (dB $\mu$ V) – Limits (dB $\mu$ V)

**W5**[T]

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WSET COLLING TO SHORE TO SHORE

W5CT°

WS CT

*AWSET* 

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W5C1



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## Above 1GHz

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

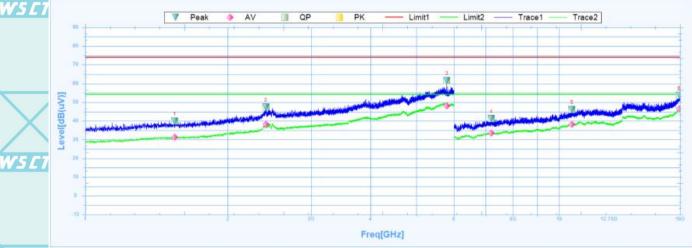
Note 2: The spurious above 18G is noise only, do not show on the report.

Malalalala

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

1 GHz to 18 GHz, ANT H 802.11b Low Channel

## Horizontal:



	Suspu	ıted Data Lis	t								
	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
7	1	1545.0000	39.87	24.96	14.91	74	-34.13	321.5	Horizontal	PK	Pass
	1	1545.0000	31.36	24.96	6.4	54	-22.64	321.5	Horizontal	AV	Pass
	2	2405.6250	47.47	27.28	20.19	74	-26.53	182.9	Horizontal	PK	Pass
	2	2405.6250	38.19	27.28	10.91	54	-15.81	182.9	Horizontal	AV	Pass
	3	5798.1250	61.67	32.48	29.19	74	-12.33	129	Horizontal	PK	Pass
	3	5798.1250	48.15	32.48	15.67	54	-5.85	129	Horizontal	AV	Pass
/	4	7197.0000	41.35	7.01	34.34	74	-32.65	1.1	Horizontal	PK	Pass
	4	7197.0000	33.51	7.01	26.5	54	-20.49	1.1	Horizontal	AV	Pass
	5	10647.0000	46.07	14.5	31.57	74	-27.93	50.6	Horizontal	PK	Pass
7	5	10647.0000	38.25	14.5	23.75	54	-15.75	50.6	Horizontal	AV	Pass
	6	17937.0000	53.56	23.5	30.06	74	-20.44	10.1	Horizontal	PK	Pass
	6	17937.0000	46.61	23.5	23.11	54	-7.39	10.1	Horizontal	AV	Pass

	W5ET°	W5 E1	7° W	SET	W5CT°	W5CT°
				X		
W5CT°		WSCT	WS ET°	WSET	WSET	
	X			Y		X

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