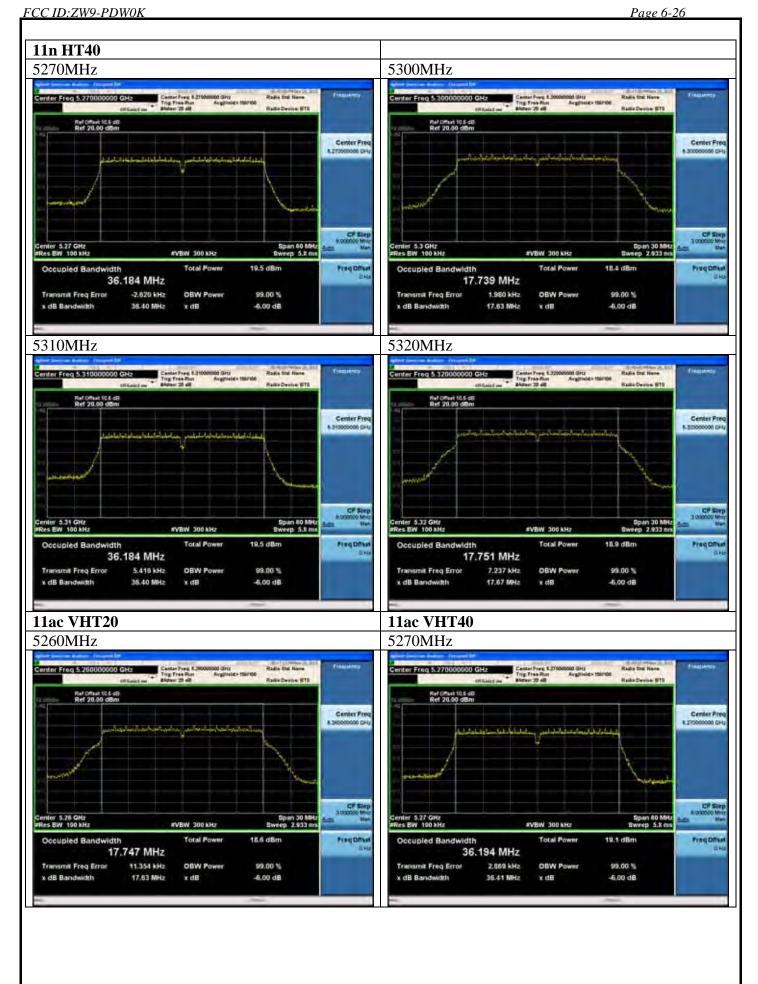


FCC ID:ZW9-PDW0K **11ac VHT80** 5310MHz 5290MHz Ref 20.00 dBm Center Freq 5.310000000 GH Center Freq Center 5.29 GHz #Res BW 100 kHz Occupied Bandwidth 36.167 MHz 19.8 dBm Occupied Bandwidth 18.6 dBm 75.491 MHz 13.105 kHz 99.00 % Transmit Freq Error **OBW Power** Transmit Freq Error 10.378 MHz OBW Power 99.00 % x dB Bandwidth 36.39 MHz x dB -6.00 dB 75.87 MHz -6.00 dB x dB Bandwidth Eb x

### AUDIX Technology (Shenzhen) Co., Ltd.

5260-5320MHz Band: 6dB bandwidth ANT 1 11a 11n HT20 5260MHz 5260MHz Ref 20.00 dBm Center Free Center Free Occupied Bandwidth 18.3 dBm Occupied Bandwidth 16.563 MHz 17.731 MHz 3.654 kHz **OBW Power** 99.00 % Trænsmit Freq Error 7.508 kHz **OBW Power** 99.00 % 16.38 MHz 17.64 MHz 5300MHz 5300MHz Center Free Center Free #VBW 300 KHz #VBW 300 KHZ Total Power 18.7 d8m Total Power 16.551 MHz 17.762 MHz Trænsmit Freq Error 5.794 kHz **OBW Power** 99.00 % Trænsmit Freq Error 12.058 kHz **OBW Power** 99.00 % 16.37 MHz x dB -6.00 dB 17.65 MHz x dB -6.00 dB 5320MHz 5320MHz Center Free E.200000000 SH2 Trig Free Run Avgittele+ tourible Mateur 20 dill Center Free Center Free enter 5.32 GHz Res BW 100 kHz #VBW 300 KHZ #VBW 300 KHZ 18.3 dBm Occupied Bandwidth 17.746 MHz 16.567 MHz 3.895 kHz 99.00 % 9.229 kHz 99.00 % Trænsmit Freg Error **OBW Power** Transmit Freq Error **OBW Power** 15.39 MHz 17.65 MHz x dB Bandwidth -6.00 dB x dB Bandwidth -6.00 dB x dB x dB



FCC ID:ZW9-PDW0K **11ac VHT80** 5310MHz 5290MHz Ref 20.00 dBm Center Freq 5.310000000 GH Center Freq Center 5.29 GHz FRes BW 100 kHz Occupied Bandwidth 36.178 MHz Occupied Bandwidth 75.508 MHz -6.597 kHz 99.00 % Transmit Freq Error **OBW Power** Transmit Freq Error -29.260 kHz OBW Power 99.00 % x dB Bandwidth 36.41 MHz x dB -6.00 dB 76.14 MHz -6.00 dB x dB Bandwidth Eb x

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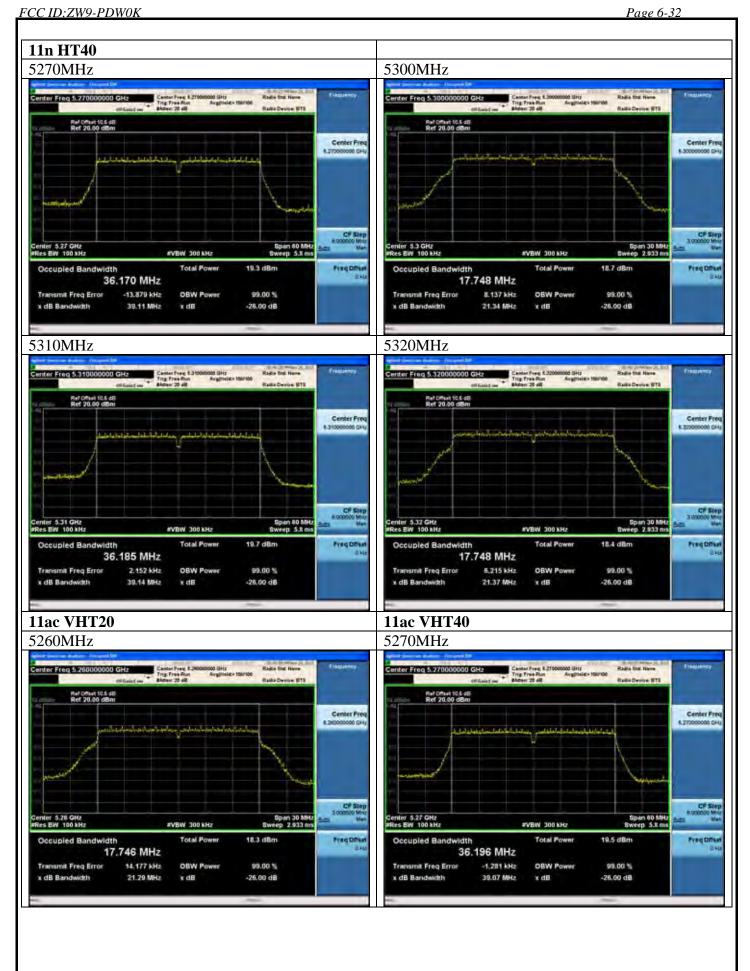
5260-5320MHz Band: 26dB bandwidth ANT 0 11a 11n HT20 5260MHz 5260MHz Ref 20.00 dBm Center Free Center Free Occupied Bandwidth 18.7 dBm Occupied Bandwidth 18.8 dBm 16.561 MHz 17.739 MHz 7.995 kHz **OBW Power** 99.00 % Trænsmit Freq Error 13.293 kHz **OBW Power** 99.00 % 20,73 MHz 21.29 MHz -26.00 dB 5300MHz 5300MHz Center Free Center Fre #VBW 300 kHz #VBW 300 KHZ 18.7 d8m Total Power 18.8 d8m Total Power 16.562 MHz 17.738 MHz 13,621 kHz Trænsmit Freq Error 10,729 kHz **OBW Power** 99.00 % Trænsmit Freq Error **OBW Power** 99.00 % 20.76 MHz x dB -26.00 dB 21.12 MHz x dB -26.00 dB 5320MHz 5320MHz Center Free E.200000000 SH2 Trig Free Run Avginsies tourido Center Free Center Free CF Step enter 5.32 GHz Res BW 100 kHz enter 5.32 GHz Res BW 100 kHz #VBW 300 KHZ #VBW 300 KHZ 18.8 dBm Occupied Bandwidth 16.560 MHz 17.742 MHz 11.292 kHz 99.00 % 6.715 kHz 99.00 % Trænsmit Freg Error **OBW Power** Transmit Freq Error **OBW Power** 21.04 MHz x dB Bandwidth 20.77 MHz -26.00 dB x dB Bandwidth -26.00 dB x dB x dB

### AUDIX Technology (Shenzhen) Co., Ltd.

11n HT40 5270MHz 5300MHz Ref 20.00 dBm Center Fre Center Fre enter 5.3 GHz Res BW 100 kHz SVBW 300 KHZ Occupied Bandwidth Occupied Bandwidth 36.178 MHz 17.755 MHz 10,739 kHz. 11.917 kHz. Transmit Freq Error **OBW Power** 99.00 % Trænsmit Freg Error **OBW Power** 99.00 % x dB Bandwidth 39.10 MHz -26.00 dB x dB Bandwidth 21.37 MHz -26.00 dB x dB x dB 5310MHz 5320MHz Ref 20.00 dBm Ref 20.00 dBm Center Free Center 5.31 GHz Res BW 100 kHz Center 5.32 GHz FRes BW 100 kHz FVBW 300 KHZ FVBW 300 KHZ Occupied Bandwidth Occupied Bandwidth 36.143 MHz 17.741 MHz smit Freq Error 16,535 kHz. **OBW Power** 99.00 % Trænsmit Freq Error 6.084 kHz **OBW Power** 99.00 % 21.24 MHz x dB Bandwidth 38.99 MHz -26.00 dB x dB Bandwidth -26.00 dB 11ac VHT20 11ac VHT40 5260MHz 5270MHz enter Freq 5.270000000 GH: Rails Device STS Ratte Device STS Center Free Center Free Center 5.27 GHz Res BW 100 kH Occupied Bandwidth Occupied Bandwidth 17.740 MHz 36.148 MHz smit Freq Error 14,203 kHz OBW Power 99.00 % Trænsmit Freq Error 26.517 kHz OBW Power 99.00 % 21.24 MHz x dB -26.00 dB 39.20 MHz x dB -26.00 dB

FCC ID:ZW9-PDW0K **11ac VHT80** 5310MHz 5290MHz Center Freq 5.310000000 GH Center Freq Center 5.29 GHz #Res BW 100 kHz Occupied Bandwidth 36.162 MHz Occupied Bandwidth 75.496 MHz 14.799 kHz 99.00 % Transmit Freq Error **OBW Power** Transmit Freq Error 19.400 kHz OBW Power 99.00 % x dB Bandwidth 38.97 MHz -26.00 dB x dB 79.54 MHz x dB Bandwidth Eb x -26.00 dB

FCC ID:ZW9-PDW0K 5260-5320MHz Band: 26dB bandwidth ANT 1 11a 11n HT20 5260MHz 5260MHz Ref 20.00 dBm Center Free Center Free Occupied Bandwidth 18.2 dBm Occupied Bandwidth 18.6 dBm 16.563 MHz 17.736 MHz 3.452 kHz **OBW Power** 99.00 % Trænsmit Freq Error 10.632 kHz **OBW Power** 99.00 % 20.77 MHz 21.32 MHz -26.00 dB 5300MHz 5300MHz Center Free Center Fre #VBW 300 KHz #VBW 300 KHZ 18.2 dBm Total Power 18.4 dBm Total Power 16.559 MHz 17.749 MHz Trænsmit Freq Error 7,405 kHz **OBW Power** 99.00 % Trænsmit Freq Error 8.719 kHz **OBW Power** 99.00 % 20.77 MHz x dB -26.00 dB 21.32 MHz x dB -26.00 dB 5320MHz 5320MHz Center Free E.20000000 SH2 Trig Free Run Avgittele= tourible Mateur 20 dill Center Free E. 220000000 SH2 Trig Free Run Avgirtele - 100700 Center Free Center Free CF Step enter 5.32 GHz Res BW 100 kHz enter 5.32 GHz Res BW 100 kHz #VBW 300 KHZ #VBW 300 KHZ 18.2 dBm Occupied Bandwidth 17.759 MHz 16.569 MHz 3.310 kHz 99.00 % 4.055 kHz 99.00 % Trænsmit Freg Error **OBW Power** Transmit Freq Error **OBW Power** 21.36 MHz x dB Bandwidth 20.78 MHz -26.00 dB x dB Bandwidth -26.00 dB x dB x dB



FCC ID:ZW9-PDW0K **11ac VHT80** 5310MHz 5290MHz Ref 20.00 dBm Center Freq 5.310000000 GH Center Freq enter 5.29 GHz Res BW 100 kHz Occupied Bandwidth 36.168 MHz 19.5 dBm Occupied Bandwidth 18.6 dBm 75.495 MHz -5.177 kHz 99.00 % Transmit Freq Error **OBW Power** Transmit Freq Error -21.666 kHz OBW Power 99.00 % x dB Bandwidth 38.95 MHz x dB -26.00 dB 79.79 MHz -26.00 dB x dB Bandwidth Eb x

### AUDIX Technology (Shenzhen) Co., Ltd.

5500-5700MHz Band: 6dB bandwidth ANT 0 11a 11n HT20 5500MHz 5500MHz Ref Offset 10.5 dB Ref 20.00 dBm Center Free Center Free CF Step Occupied Bandwidth 19.0 dBm Occupied Bandwidth 16.573 MHz 17.745 MHz 4,480 kHz **OBW Power** 99.00 % Trænsmit Freq Error 11,165 kHz **OBW Power** 99.00 % 16.39 MHz 17.61 MHz 5600MHz 5600MHz Center Free Center Fre #VBW 300 KHz #VBW 300 KHZ 18.2 dBm Total Power 18.6 dBm Total Power 16.556 MHz 17.750 MHz Trænsmit Freq Error 8.742 kHz **OBW Power** 99.00 % Trænsmit Freq Error 3,689 kHz **OBW Power** 99.00 % 15:39 MHz x dB -6.00 dB x dB Bandwidth 17.63 MHz x dB -6.00 dB 5700MHz 5700MHz Center Free E.700000000 SH2 Trig Free Run Avginsies tourido Ref 20.00 dBm Center Free Center Free CF Slej enter 5.7 GHz Res BW 100 kHz enter 5.7 GHz Res BW 100 kHz #VBW 300 KHZ #VBW 300 KHZ 17.8 dBm Occupied Bandwidth Occupied Bandwidth 17.735 MHz 16.560 MHz 20.833 kHz 99.00 % 4.890 kHz 99.00 % Trænsmit Freg Error **OBW Power** Transmit Freq Error **OBW Power** 16.38 MHz 17.64 MHz x dB Bandwidth -6.00 dB x dB Bandwidth 6.00 dB x dB x dB

### AUDIX Technology (Shenzhen) Co., Ltd.

11n HT40 11ac VHT20 5500MHz 5510MHz Ref 20.00 dBm Center Fre Center Fre enter 5.5 GHz Res BW 100 kHz SVBW 300 KHZ Occupied Bandwidth Occupied Bandwidth 36.182 MHz 17.724 MHz Transmit Freq Error -265 Hz **OBW Power** 99.00 % Trænsmit Freg Error -689 Hz **OBW Power** 99.00 % 17.61 MHz x dB Bandwidth 36.40 MHz -6.00 dB x dB Bandwidth -6.00 dB x dB x dB 5590MHz 5600MHz Ref 20.00 dBm Ref 20.00 dBm Center Free Center 5.59 GHz Res BW 100 kHz FVBW 300 KHZ #VBW 300 KHZ Occupied Bandwidth Occupied Bandwidth 36.146 MHz 17.753 MHz smit Freq Error -749 Hz **OBW Power** 99.00 % Trænsmit Freq Error 6.188 kHz **OBW Power** 17.63 MHz x dB Bandwidth 36.37 MHz 6.00 dB x dB Bandwidth 6.00 dB 5670MHz 5700MHz Ref 20.00 dBm Ref 20.00 dBm Center Free Center Free enter 5.7 GHz Res BW 100 kHz #VBW 300 KHz #VBW 300 KHZ 36.187 MHz 17.749 MHz 4.805 kHz **OBW Power** 99.00 % Trænsmit Freq Error 8.489 kHz **OBW Power** 99.00 % 36.41 MHz 17.61 MHz 6.00 dB

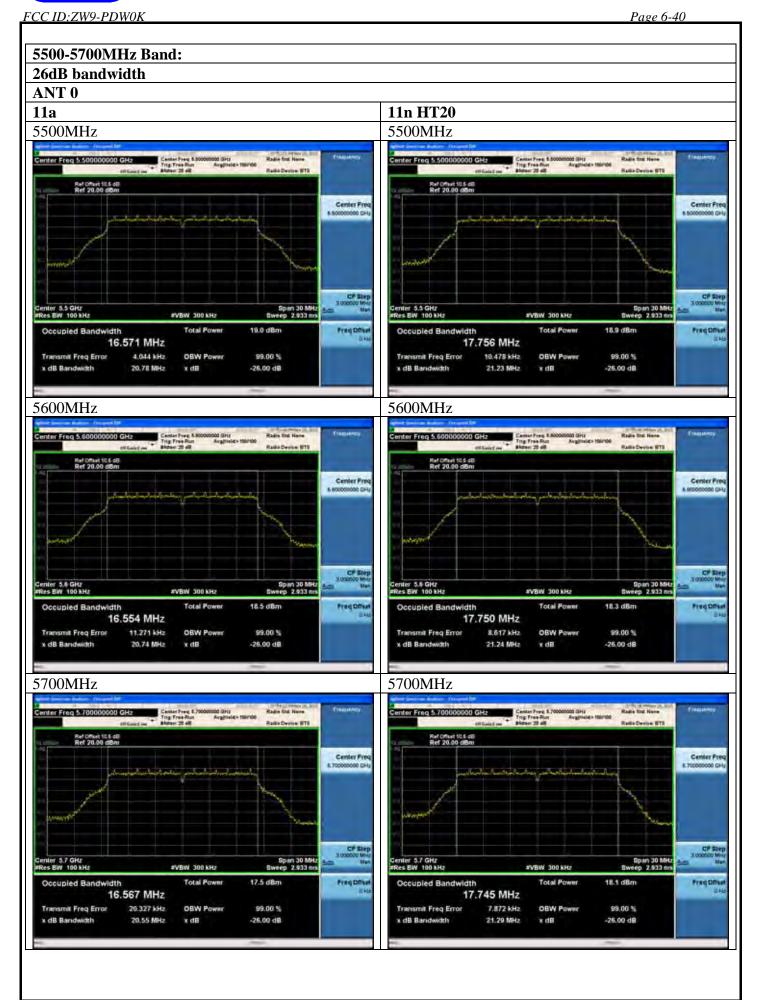
FCC ID:ZW9-PDW0K **11ac VHT40** 5510MHz 5670MHz Ref 20.00 dBm Ref 20.00 dBm Center Freq Center Freq Occupied Bandwidth Occupied Bandwidth Total Power 19.0 dBm 36.181 MHz 36.161 MHz -7.277 kHz Transmit Freq Error **OBW Power** 99.00 % Transmit Freq Error 18.491 NHz OBW Power 99.00 % x dB Bandwidth 36.40 MHz x dB -6,00 dB 36.40 MHz 11ac VHT80 5530MHz 5590MHz Ref 20.00 dBm Center Freq Center Freq of the sure sure sure sure enter 5.53 GHz Res BW 100 kHz #VBW 300 kHz Occupied Bandwidth Occupied Bandwidth Total Power 36.164 MHz 75.490 MHz 6.954 kHz **OBW Power** 99.00 % Transmit Freq Error -35.371 kHz **OBW Power** 99.00 % 36.35 MHz 6.00 dB 75.85 MHz -6.00 dB

### AUDIX Technology (Shenzhen) Co., Ltd.

5500-5700MHz Band: 6dB bandwidth ANT 1 11a 11n HT20 5500MHz 5500MHz Ref Offset 10.5 dB Ref 20.00 dBm Center Free Center Free C# Step 2 000000 Miss Occupied Bandwidth 19,1 dBm Occupied Bandwidth 19.0 dBm 16.571 MHz 17.728 MHz 2.270 kHz **OBW Power** 99.00 % Trænsmit Freq Error 7.777 kHz **OBW Power** 99.00 % 5600MHz 5600MHz Center Free Center Fre #VBW 300 kHz #VBW 300 KHZ 18.6 dBm Total Power 18.9 d8m Total Power 16.560 MHz 17.750 MHz Trænsmit Freq Error -3.495 kHz **OBW Power** 99.00 % Trænsmit Freq Error 11,147 kHz **OBW Power** 99.00 % 15.43 MHz x dB -6.00 dB 17.64 MHz x dB -6.00 dB 5700MHz 5700MHz Center Free E 700000000 SH2 Trig Free Run Avginsies tourido Center Free Center Free CF Slep enter 5.7 GHz Res BW 100 kHz enter 5.7 GHz Res BW 100 kHz #VBW 300 KHZ #VBW 300 KHZ 18.3 dBm Occupied Bandwidth 16.562 MHz 17.742 MHz 6.155 kHz 99.00 % 5.461 kHz Trænsmit Freg Error **OBW Power** Transmit Freq Error **OBW Power** 99.00 % 16.38 MHz 17.54 MHz x dB Bandwidth -6.00 dB x dB Bandwidth -6.00 dB x dB x dB

FCC ID:ZW9-PDW0K 11n HT40 11ac VHT20 5500MHz 5510MHz Ref 20.00 dBm Ref 20.00 dBm Center Freq Center Free CF Shep enter 5.5 GHz Res BW 100 kHz FVBW 300 KHZ Occupied Bandwidth Occupied Bandwidth 36.182 MHz 17.731 MHz 29.973 kHz 32,882 kHz Transmit Freq Error **OBW Power** 99.00 % Trænsmit Freg Error **OBW Power** 99.00 % x dB Bandwidth 36.41 MHz -6.00 dB x dB Bandwidth 17.65 MHz -6.00 dB x dB x dB 5590MHz 5600MHz Ref 20.00 dBm Ref 20.00 dBm Center Freq Center Freq Center 5.59 GHz FRes BW 100 kHz FVBW 300 KHz PVBW 300 KHZ Occupied Bandwidth Occupied Bandwidth 36.190 MHz 17.736 MHz smit Freq Error 15,198 kHz **OBW Power** 99.00 % Trænsmit Freq Error 13,280 kHz **OBW Power** 99.00 % 36.38 MHz 17.65 MHz x dB Bandwidth 6.00 dB x dB Bandwidth 6.00 dB x dB x dB 5670MHz 5700MHz Ref Dflast 10.5 dB. Ref 20.00 dBm Ref 20.00 dBm Center Freq Center Freq Center 5.7 GHz Res BW 100 kHz FVBW 300 KHZ FVBW 300 KHZ 20.3 dBm 36.201 MHz 17.736 MHz 12.104 kHz **OBW Power** 99.00 % Transmit Freq Error 22.577 kHz **OBW Power** 99.00 % 36.42 MHz 17.62 MHz 6,00 dB

FCC ID:ZW9-PDW0K **11ac VHT40** 5510MHz 5670MHz Ref 20.00 dBm Ref 20.00 dBm Center Freq Center Freq FVBW 300 KHZ Occupied Bandwidth Occupied Bandwidth 36.177 MHz 36.178 MHz 35.911 kHz Transmit Freq Error **OBW Power** 99.00 % Transmit Freq Error 9.059 KMz **OBW Power** 99.00 % 36.39 MHz x dB Bandwidth x dB -6,00 dB 36,38 MHz 11ac VHT80 5530MHz 5590MHz Ref 20.00 dBm Ref 20,00 dBm Center Freq 8.530000000 CHz Center Freq CF SI FVEW 300 kHz Occupied Bandwidth 20.4 dBm Occupied Bandwidth Total Power 36.196 MHz 75,448 MHz Trænsmit Freq Error -7.982 kHz **OBW Power** 99.00 % Transmit Freq Error 53.371 kHz **OBW Power** 99.00 % 36.37 MHz 6.00 dB 75.51 MHz -6.00 dB



### AUDIX Technology (Shenzhen) Co., Ltd.

11n HT40 11ac VHT20 5500MHz 5510MHz Ref 20.00 dBm Center Fre Center Fre enter 5.5 GHz Res BW 100 kHz #VBW 300 KHZ 19.8 dBm Occupied Bandwidth Occupied Bandwidth 17.740 MHz 36.172 MHz 3,605 kHz 4.542 kHz Transmit Freq Error **OBW Power** 99.00 % Trænsmit Freg Error **OBW Power** 99.00 % x dB Bandwidth 39.05 MHz -26.00 dB x dB Bandwidth 21.28 MHz -26.00 dB x dB x dB 5590MHz 5600MHz Ref 20.00 dBm Ref 20.00 dBm Center Free Center 5.59 GHz Res BW 100 kHz FVBW 300 KHZ #VBW 300 KHZ Occupied Bandwidth Occupied Bandwidth 36.151 MHz 17.743 MHz smit Freq Error -3.223 kHz **OBW Power** 99.00 % Trænsmit Freq Error 8.063 kHz **OBW Power** 99.00 % 21.22 MHz x dB Bandwidth 38.99 MHz -26.00 dB x dB Bandwidth -26.00 dB x dB 5670MHz 5700MHz Ref Dflast 10.5 dB Ref 20.00 dBm Ref 20.00 dBm Center Free Center Free enter 5.7 GHz Res BW 100 kHz #VBW 300 KHz #VBW 300 KHZ 36.174 MHz 17.754 MHz 25,185 kHz **OBW Power** 99.00 % Trænsmit Freq Error 13,017 kHz **OBW Power** 99.00 % 38.99 MHz 21.33 MHz -26.00 dB

FCC ID:ZW9-PDW0K **11ac VHT40** 5510MHz 5670MHz Ref 20.00 dBm Ref 20.00 dBm Center Freq Center Freq Occupied Bandwidth Occupied Bandwidth Total Power 18.6 dBm 36.167 MHz 36.177 MHz -5.437 kHz Transmit Freq Error **OBW Power** 99.00 % Transmit Freq Error 22.120 MHz **OBW Power** 99.00 % x dB Bandwidth 39.08 MHz x dB -26,60 dB 38.89 MHz 11ac VHT80 5530MHz 5590MHz Ref 20.00 dBm Center Freq 8.500000000 GHz Center Freq our turn annithme, much time #VBW 300 kHz Occupied Bandwidth 19.5 dBm Occupied Bandwidth Total Power 36.141 MHz 75.507 MHz 164 Hz **OBW Power** 99.00 % Transmit Freq Error -28.769 kHz **OBW Power** 99.00 % 39.03 MHz -26,00 dB 79.58 MHz -26.00 dB

### AUDIX Technology (Shenzhen) Co., Ltd.

5500-5700MHz Band: 26dB bandwidth ANT 1 11a 11n HT20 5500MHz 5500MHz Ref 20.00 dBm Ref Offset 10.5 dB Ref 20.00 dBm Center Free Center Free CF Step Occupied Bandwidth 18.9 dBm Occupied Bandwidth 19.5 dBm 16.561 MHz 17.739 MHz -1.201 kHz **OBW Power** 99.00 % Trænsmit Freq Error 11.821 kHz **OBW Power** 99.00 % 21.00 MHz 21.32 MHz -26.00 dB 5600MHz 5600MHz Center Free Center Fre #VBW 300 KHz #VBW 300 KHZ Total Power 18.4 d8m Total Power 16.566 MHz 17.744 MHz Trænsmit Freq Error -2.122 kHz **OBW Power** 99.00 % Trænsmit Freq Error 12.993 kHz **OBW Power** 99.00 % 21.04 MHz x dB -26.00 dB 21.34 MHz x dB -26.00 dB 5700MHz 5700MHz Center Free E 700000000 SH2 Trig Free Run Avginsies tourido Center Free Center Free CF Siep enter 5.7 GHz Res BW 100 kHz enter 5.7 GHz Res BW 100 kHz #VBW 300 KHZ #VBW 300 KHZ 18.0 dBm Occupied Bandwidth Occupied Bandwidth 16.565 MHz 17.766 MHz 5,412 kHz 99.00 % 3.885 kHz 99.00 % Trænsmit Freg Error **OBW Power** Transmit Freq Error **OBW Power** x dB Bandwidth 20.76 MHz -26.00 dB x dB Bandwidth 21.33 MHz -26.00 dB x dB x dB



FCC ID:ZW9-PDW0K **11ac VHT40** 5510MHz 5670MHz Ref 20.00 dBm Ref 20.00 dBm Center Freq Center Freq FVBW 300 KHZ Occupied Bandwidth Occupied Bandwidth 19.9 dBm 36.189 MHz 36.184 MHz 35,614 kHz Transmit Freq Error **OBW Power** 99.00 % Transmit Freq Error 10.437 KHz OBW Power 99.00 % x dB Bandwidth 38.78 MHz x dB -26.00 dB 38,69 MHz 11ac VHT80 5530MHz 5590MHz Ref 20.00 dBm Ref 20,00 dBm Center Freq 8.530000000 CHz Center Freq CFS enter 5.53 GHz Res BW 100 kHz FVBW 300 kHz Occupied Bandwidth 20.5 dBm Occupied Bandwidth Total Power 36.191 MHz 75,468 MHz Trænsmit Freq Error -8.279 kHz **OBW Power** 99.00 % Transmit Freq Error 68.789 kMz **OBW Power** 99.00 % 38.91 MHz -26.00 dB 79.59 MHz -26.00 dB

### AUDIX Technology (Shenzhen) Co., Ltd.

5745-5825MHz Band: 6dB bandwidth ANT 0 11a 11n HT20 5745MHz 5745MHz Ref 20.00 dBm Center Free Center Free Occupied Bandwidth 18.4 dBm Occupied Bandwidth 18.6 dBm 16.556 MHz 17.752 MHz 4.697 kHz **OBW Power** 99.00 % Trænsmit Freq Error 14,398 kHz **OBW Power** 99.00 % 16.38 MHz 17.61 MHz 5785MHz 5785MHz Center Free Center Free #VBW 300 kHz #VBW 300 KHZ 17.7 dBm Total Power 18.2 dBm Total Power 16.563 MHz 17.754 MHz Trænsmit Freq Error 5.888 kHz **OBW Power** 99.00 % Trænsmit Freq Error 9.273 kHz **OBW Power** 99.00 % 16.36 MHz x dB -6.00 dB 17.64 MHz x dB -6.00 dB 5825MHz 5825MHz Center Free 5.00000000 GHz
Trig Free Run Avginsies tourido Center Free S.E25000000 SH2 Trig Free Run Avgittele- Hisrato Center Free Center Free CF Siep enter 5.825 GHz Res BW 100 kHz enter 5.825 GHz Res BW 100 kHz #VBW 300 KHZ #VBW 300 KHZ 18.1 dBm Occupied Bandwidth 16.567 MHz 17.761 MHz 9.267 kHz 99.00 % 8.736 kHz Trænsmit Freg Error **OBW Power** Transmit Freq Error **OBW Power** 99.00 % 16.38 MHz 17.63 MHz x dB Bandwidth -6.00 dB x dB Bandwidth -6.00 dB k dB x dB

### AUDIX Technology (Shenzhen) Co., Ltd.

11n HT40 5755MHz 5785MHz Center Fre Center Fre enter 5.785 GHz Res BW 100 kHz #VBW 300 KHZ #VBW 300 KHZ Occupied Bandwidth 36.153 MHz 17.767 MHz 10.885 kHz Transmit Freq Error 8.334 kHz **OBW Power** 99.00 % Trænsmit Freg Error **OBW Power** 99.00 % x dB Bandwidth 36:39 MHz -6.00 dB x dB Bandwidth 17.62 MHz -6.00 dB x dB x dB 5825MHz 5795MHz Ref 20.00 dBm Ref 20.00 dBm Center Free Center 5.825 GHz FRes BW 100 kHz FVBW 300 KHZ #VBW 300 KHZ Occupied Bandwidth Occupied Bandwidth 36.166 MHz 17.767 MHz smit Freq Error 11,336 kHz. **OBW Power** 99.00 % Trænsmit Freq Error 16,505 kHz. **OBW Power** 99.00 % 36.41 MHz 17.64 MHz. x dB Bandwidth 6.00 dB x dB Bandwidth 6.00 dB 11ac VHT20 11ac VHT40 5745MHz 5755MHz nter Freq 5.745000000 GHz enter Freq 5.755000000 GH: Rails Device STS Rails Device STS Center Free Center Free Occupied Bandwidth Occupied Bandwidth 17.746 MHz 36.168 MHz smit Freq Error 9.750 kHz OBW Power 99.00 % Trænsmit Freq Error 24.848 kHz OBW Power 99.00 % 17.63 MHz 36.39 MHz x dB 6.00 dB x dB 6.00 dB

FCC ID:ZW9-PDW0K **11ac VHT80** 5795MHz 5775MHz Ref 20.00 dBm Center Free Center Freq 6.755000000 GHs enter 5.775 GHz Res BW 100 kHz Occupied Bandwidth 36.168 MHz 19.2 dBm Occupied Bandwidth 75.470 MHz 12.239 kHz Trænsmit Freg Error **OBW Power** 99.00 % Transmit Freq Error 35.142 AHz OBW Power 99.00 % x dB Bandwidth 36.41 MHz x dB -6.00 dB 75.84 MHz -6.00 dB x dB Bandwidth & dB

### AUDIX Technology (Shenzhen) Co., Ltd.

5745-5825MHz Band: 6dB bandwidth ANT 1 11a 11n HT20 5745MHz 5745MHz Ref 20.00 dBm Center Freq Center Freq Occupied Bandwidth 18.8 dBm Occupied Bandwidth 19.3 dBm 16.544 MHz 17.716 MHz 22.673 kHz **OBW Power** 99.00 % Trænsmit Freq Error 26.717 kHz **OBW Power** 99.00 % 16.37 MHz 17.64 MHz 5785MHz 5785MHz Center Freq Center Freq CF Shep CFS Span 30 MHz Sweep 2,933 ms FVBW 300 KHZ FVBW 300 KHZ 18.4 d8m 19.0 dBm Total Power Total Pown 16.554 MHz 17.736 MHz 35.915 kHz Trænsmit Freq Error 19.159 kHz **OBW Power** 99.00 % Trænsmit Freq Error **OBW Power** 99.00 % 16.38 MHz x dB -6.00 dB 17.66 MHz x dB -6.00 dB 5825MHz 5825MHz Ref 20.00 dBm Ref 20.00 dBm Center Freq Center Freq CF Ship CER enter 5.825 GHz Res BW 100 kHz enter 5.825 GHz Res BW 100 kHz FVBW 300 KHz 18.8 dBm Occupied Bandwidth 16.552 MHz 17.714 MHz 22.327 kHz 99.00 % 24.570 kHz 99.00 % Trænsmit Freg Error **OBW Power** Transmit Freq Error **OBW Power** 15.37 MHz 17.65 MHz x dB Bandwidth -6.00 dB x dB Bandwidth 6.00 dB k dB x dB

FCC ID:ZW9-PDW0K 11n HT40 5755MHz 5785MHz Ref 20.00 dBm Center Freq Center Fred enter 5.785 GHz Res BW 100 kHz FVBW 300 KHZ Occupied Bandwidth Occupied Bandwidth 36.199 MHz 17.715 MHz 29.017 kHz 34.695 kHz. Transmit Freq Error **OBW Power** 99.00 % Transmit Freq Error **OBW Power** 99.00 % x dB Bandwidth 36.40 MHz -6.00 dB x dB Bandwidth 17.61 MHz -6.00 dB x dB x dB 5795MHz 5825MHz Ref Offset 10.5 dB Ref 20.00 dBm Ref 20.00 dBm Center Freq Center Freq Genter 5.825 GHz ≢Res BW 100 kHz Center 5.795 GHz Res BW 100 kHz Span 60 MHz Sweep 5.8 ms FVBW 300 KHZ PVBW 300 KHZ Occupied Bandwidth Occupied Bandwidth 36.201 MHz 17.743 MHz smit Freq Error 49.274 kHz **OBW Power** 99.00 % Trænsmit Freq Error 16.001 kHz. **OBW Power** 99.00 % 17.64 MHz. x dB Bandwidth 36.37 MHz 6.00 dB x dB Bandwidth 6.00 dB 11ac VHT20 11ac VHT40 5745MHz 5755MHz inter Freq 5.745000000 GHz enter Freq 5.755000000 GH: Radio Device M19 Radio Device 819 Center Freq Center Free CF Shep Occupied Bandwidth Frun Office Occupied Bandwidth 17.714 MHz 36.178 MHz smit Freq Error 36.052 kHz OBW Power 99.00 % Trænsmit Freq Error 41.570 kHz OBW Power 99.00 % 17.62 MHz x dB 6.00 dB 36.37 MHz x dB 6.00 dB

FCC ID:ZW9-PDW0K **11ac VHT80** 5775MHz 5795MHz Center Freq \$ 756000000 CHz Center Freq FVBW 300 KHZ Occupied Bandwidth 36.196 MHz Occupied Bandwidth 75.494 MHz 75,020 kHz 57.717 kHz. 99.00 % 99.00 % Trænsmit Freq Error **OBW Power** Trænsmit Freq Error **OBW Power** 36.40 MHz -6.00 dB 75.87 MHz x dB -6.00 dB x dB Bandwidth x dB x dB Bandwidth

5745-5825MHz Band: 26dB bandwidth ANT 0 11a 11n HT20 5745MHz 5745MHz Ref 20.00 dBm Center Free Center Free Occupied Bandwidth 18.2 dBm Occupied Bandwidth 16.553 MHz 17.754 MHz 4.745 kHz **OBW Power** 99.00 % Trænsmit Freq Error 13.915 kHz **OBW Power** 99.00 % 20.72 MHz 21.29 MHz -26.00 dB 5785MHz 5785MHz Center Free Center Free #VBW 300 KHz #VBW 300 KHZ Total Power 17.9 dBm Total Power 16.565 MHz 17.736 MHz Trænsmit Freq Error 4,101 kHz **OBW Power** 99.00 % Trænsmit Freq Error 17,200 kHz **OBW Power** 99.00 % 20.77 MHz x dB -26.00 dB 21.23 MHz x dB -26.00 dB 5825MHz 5825MHz Center Free 5.00000000 GHz
Trig Free Run Avginsies tourido Ref 20.00 dBm Center Free Center Free CF Slep enter 5.825 GHz Res BW 100 kHz enter 5.825 GHz Res BW 100 kHz #VBW 300 KHZ #VBW 300 KHZ 18.0 dBm Occupied Bandwidth 17.763 MHz 16.568 MHz 9.493 kHz 99.00 % 8.890 kHz 99.00 % Trænsmit Freg Error **OBW Power** Transmit Freq Error **OBW Power** 21.59 MHz x dB Bandwidth 20.77 MHz -26.00 dB x dB Bandwidth -26.00 dB x dB x dB

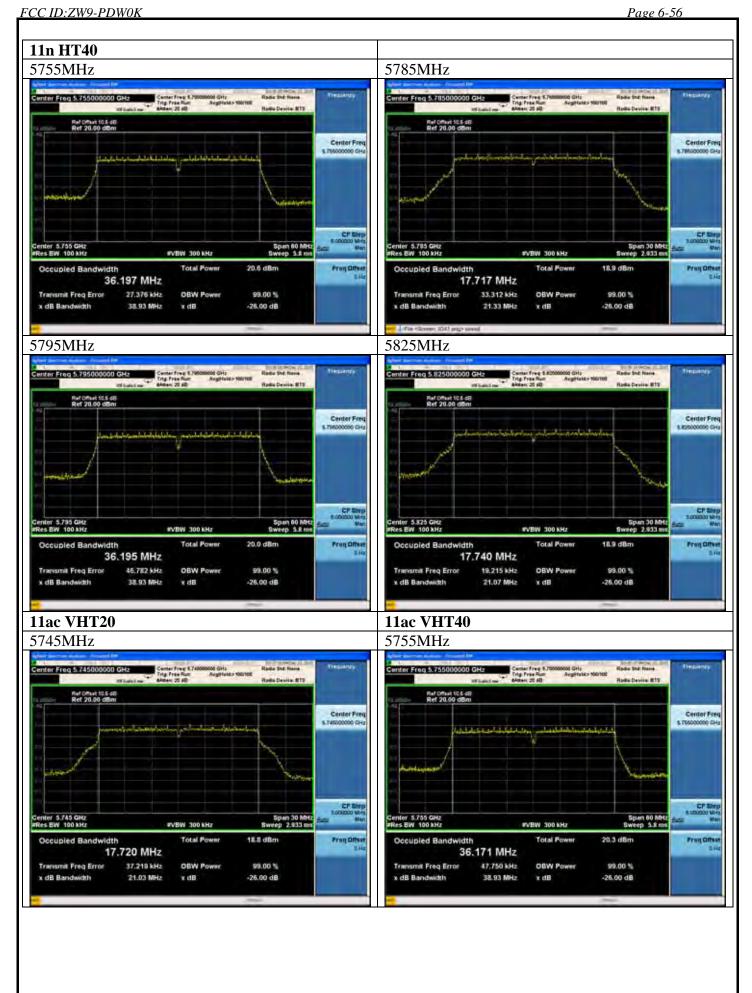
### AUDIX Technology (Shenzhen) Co., Ltd.

11n HT40 5755MHz 5785MHz Ref 20.00 dBm Center Fre Center Fre enter 5.785 GHz Res BW 100 kHz SVBW 300 KHZ SVBW 300 KHZ 19.2 dBm Occupied Bandwidth 17.763 MHz 36.159 MHz 10.448 kHz 8.378 kHz Transmit Freq Error **OBW Power** 99.00 % Trænsmit Freg Error **OBW Power** 99.00 % x dB Bandwidth 38.97 MHz -26.00 dB x dB Bandwidth 21.34 MHz -26.00 dB x dB x dB 5825MHz 5795MHz Ref 20.00 dBm Ref 20.00 dBm Center Free Center 5.825 GHz Res BW 100 kHz FVBW 300 KHZ #VBW 300 KHZ Occupied Bandwidth Occupied Bandwidth 36.167 MHz 17.760 MHz smit Freq Error 9.769 kHz **OBW Power** 99.00 % Trænsmit Freq Error 15.663 kHz. **OBW Power** 99.00 % 21.32 MHz x dB Bandwidth 39.18 MHz -26.00 dB x dB Bandwidth -26.00 dB 11ac VHT20 11ac VHT40 5745MHz 5755MHz nter Freq 5.745000000 GHz enter Freq 5.755000000 GH: Rails Device STS Rails Device STS Center Free Center Free Occupied Bandwidth Occupied Bandwidth 17.750 MHz 36.161 MHz smit Freq Error 11.290 kHz OBW Power 99.00 % Trænsmit Freq Error 21,069 kHz OBW Power 99.00 % 21.37 MHz x dB -26.00 dB 38.98 MHz x dB -26.00 dB



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5745-5825MHz Band: 26dB bandwidth ANT 1 11a 11n HT20 5745MHz 5745MHz Ref 20.00 dBm Center Freq Center Freq Occupied Bandwidth 18.6 dBm Occupied Bandwidth 19.4 dBm 16.543 MHz 17.723 MHz 20.627 kHz **OBW Power** 99.00 % Trænsmit Freq Error 22,435 kHz **OBW Power** 99.00 % 20.77 MHz 21.33 MHz -26.00 dB 5785MHz 5785MHz Center Freq Center Freq CF Shep CFE Span 30 MHz Sweep 2,933 ms FVBW 300 KHZ FVBW 300 KHZ 18.5 dBm 18.9 d8m Total Power Fruit Office Total Power 16.553 MHz 17.720 MHz Trænsmit Freq Error 22.042 kHz **OBW Power** 99.00 % Trænsmit Freq Error 29,110 kHz **OBW Power** 99.00 % 20.66 MHz x dB -26.00 dB 21.19 MHz x dB -26.00 dB 5825MHz 5825MHz Ref 20.00 dBm Ref 20.00 dBm Center Freq Center Freq CF Shep CFS Res BW 100 kHz enter 5.825 GHz Res BW 100 kHz FVBW 300 KHz FVBW 300 KHz 18.7 dBm Occupied Bandwidth 16.549 MHz 17.709 MHz 17.515 kHz 99.00 % 21.381 kHz 99.00 % Transmit Freq Error **OBW Power** Transmit Freq Error **OBW Power** 20.73 MHz 21.20 MHz x dB Bandwidth -26.00 dB x dB Bandwidth -26.00 dB x dB x dB



FCC ID:ZW9-PDW0K **11ac VHT80** 5775MHz 5795MHz Center Freq \$ 756000000 CHz Center Freq FVBW 300 KHZ Occupied Bandwidth 36.207 MHz 19.9 dBm Occupied Bandwidth 75.489 MHz 83,550 kHz 54.951 kHz. 99.00 % 99.00 % Trænsmit Freq Error **OBW Power** Trænsmit Freq Error **OBW Power** 38.63 MHz -26.00 dB 79.29 MHz x dB -26.00 dB x dB Bandwidth x dB x dB Bandwidth

FCC ID:ZW9-PDW0K Page 7-1

#### 7. OUTPUT POWER TEST

#### 7.1.Test Equipment

| Item | Equipment         | Manufacturer | Model No.   | Serial No. | Last Cal.  | Cal. Interval |
|------|-------------------|--------------|-------------|------------|------------|---------------|
| 1.   | Spectrum          | Agilent      | N9030A      | MY51380221 | Oct.18,15  | 1Year         |
| 2.   | Power meter       | Anritsu      | ML2487A     | 6K00002472 | Apr.28, 15 | 1Year         |
| 3.   | Power sensor      | Anritsu      | MA2491A     | 0033005    | Apr.28, 15 | 1Year         |
| 4.   | Attenuator (20dB) | Agilent      | 8491B       | MY39262165 | Apr.28, 15 | 1 Year        |
| 5.   | RF Cable          | Hubersuhner  | SUCOFLEX102 | 28620/2    | Apr.28, 15 | 1 Year        |

#### 7.2.Limit

For the band 5.15–5.25 GHz.

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the max-imum antenna gain does not exceed 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm +  $10 \log B$ , where B is the 26 dB emission bandwidth in megahertz.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

#### 7.3.Test Procedure

- 1. Connected the EUT's antenna port to measure device by 26dB attenuator.
- 2. For IEEE 802.11a and IEEE802.11n HT20 and 802.11ac VHT20 mode, use a PK power meter which's bandwidth is 20MHz and above 26dB bandwidth of signal to measure out each test modes' PK output power.
- 3. For IEEE802.11n HT40 mode, because the signal's bandwidth is about 40MHz and above 20MHz bandwidth of power sensor ML2491A. So use the test method described in KBD789033 clause E Method SA-1
  - 1) Connect the antenna port to the spectrum analyzer and Set span of the spectrum to encompass the entire emission bandwidth (EBW) of the signal.
  - 2) Set the RBW=1MHz and VBW =3MHz
  - 3) Number of points in sweep  $\geq 2$  Span / RBW
  - 4) Detector = RMS
  - 5) Sweep time = auto couple
  - 6) Allow the sweep to "free run" and set the Trace average at least 100 traces in power averaging (i.e., RMS) mode.
  - 7) Compute power by integrating the spectrum across the 26 dB EBW of the signal using the instrument's band power measurement function with band limits set equal to the EBW band edges.

Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.



#### 7.4.Test Results

#### 5180-5240MHz Band:

| 510V-524VIVITIZ DAIIU: |                 |               |                         |              |           |  |  |
|------------------------|-----------------|---------------|-------------------------|--------------|-----------|--|--|
| EUT: Tablet P          | C               |               |                         |              |           |  |  |
| M/N: WT10PI            | E-C             |               |                         |              |           |  |  |
| Test date: 201:        | 5-11-22         | Pressure:101  | .8±1.0 kpa              | Humidity:53. | 3±3.0%    |  |  |
| Tested by: Ali         | ce_Yang         | Test site: RF | site                    | Temperature: | 2.7±0.6 ℃ |  |  |
|                        |                 |               |                         |              |           |  |  |
| Test<br>Mode           | Frequency (MHz) | Maximur       | n Conducted ou<br>(dBm) | itput power  | Limit     |  |  |
| Mode                   | (WITIZ)         | ANT1          | ANT2                    | Total        | (dBm)     |  |  |
|                        | 5180            | 12.39         | 11.25                   | N/A          | 24        |  |  |
| 11a                    | 5200            | 12.45         | 11.10                   | N/A          | 24        |  |  |
|                        | 5240            | 12.58         | 11.46                   | N/A          | 24        |  |  |
|                        | 5180            | 12.31         | 11.10                   | 14.76        | 24        |  |  |
| 11n HT20               | 5200            | 12.16         | 10.95                   | 14.61        | 24        |  |  |
|                        | 5240            | 12.38         | 11.60                   | 15.02        | 24        |  |  |
| 11n HT40               | 5190            | 12.97         | 12.04                   | 15.54        | 24        |  |  |
| 111111140              | 5230            | 13.05         | 12.18                   | 15.65        | 24        |  |  |
|                        | 5180            | 11.98         | 11.67                   | 14.84        | 24        |  |  |
| 11ac VHT20             | 5200            | 11.95         | 11.67                   | 14.82        | 24        |  |  |
|                        | 5240            | 12.14         | 11.82                   | 14.99        | 24        |  |  |
| 11ac VHT40             | 5190            | 12.40         | 11.98                   | 15.21        | 24        |  |  |
| 11ac VH140             | 5230            | 12.67         | 12.06                   | 15.39        | 24        |  |  |
| 11ac VHT80             | 5210            | 10.57         | 10.02                   | 13.31        | 24        |  |  |
| Conclusion: PA         | SS              |               |                         |              |           |  |  |



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#### 5260-5320MHz Band:

| EUT: Tablet PC        |                         |                         |
|-----------------------|-------------------------|-------------------------|
| M/N: WT10PE-C         |                         |                         |
| Test date: 2015-11-22 | Pressure: 101.8±1.0 kpa | Humidity:53.2±3.0%      |
| Tested by: Alice_Yang | Test site: RF site      | Temperature:22.9±0.6 °C |

| Test         | Frequency | Maximum Conducted output power (dBm) |       |       | Limit |
|--------------|-----------|--------------------------------------|-------|-------|-------|
| Mode         | (MHz)     | ANT1                                 | ANT2  | Total | (dBm) |
|              | 5260      | 12.17                                | 11.24 | N/A   | 24    |
| 11a          | 5300      | 12.05                                | 11.35 | N/A   | 24    |
|              | 5320      | 12.20                                | 11.39 | N/A   | 24    |
|              | 5260      | 11.90                                | 11.41 | 14.67 | 24    |
| 11n HT20     | 5300      | 11.84                                | 11.34 | 14.61 | 24    |
|              | 5320      | 11.90                                | 11.30 | 14.62 | 24    |
| 11n HT40     | 5270      | 12.48                                | 11.84 | 15.18 | 24    |
| 11n H140     | 5310      | 12.71                                | 12.05 | 15.40 | 24    |
|              | 5260      | 11.68                                | 11.50 | 14.60 | 24    |
| 11ac VHT20   | 5300      | 11.99                                | 11.48 | 14.75 | 24    |
|              | 5320      | 11.99                                | 11.61 | 14.81 | 24    |
| 11aa XIIIT40 | 5270      | 12.22                                | 11.77 | 15.01 | 24    |
| 11ac VHT40   | 5310      | 12.32                                | 11.92 | 15.14 | 24    |
| 11ac VHT80   | 5290      | 10.28                                | 10.14 | 13.22 | 24    |



#### 5500-5700MHz Band:

| EUT: Tablet PC        |           |               |                      |                |           |
|-----------------------|-----------|---------------|----------------------|----------------|-----------|
| M/N: WT10PE-          | -C        |               |                      |                |           |
| Test date: 2015-11-22 |           | Pressure: 10  | 01.6±1.0 kpa         | Humidity:53.4  | ±3.0%     |
| Tested by: Alice      | e_Yang    | Test site: Rl | F site               | Temperature:22 | 2.1±0.6 ℃ |
|                       |           |               |                      |                |           |
| Test                  | Frequency | Maximur       | n Conducted or (dBm) | utput power    | Limit     |
| Mode                  | (MHz)     | ANT1          | ANT2                 | Total          | (dBm)     |
|                       | 5500      | 11.88         | 12.10                | N/A            | 24        |
| 11a                   | 5600      | 11.57         | 11.88                | N/A            | 24        |
|                       | 5700      | 10.84         | 11.28                | N/A            | 24        |
|                       | 5500      | 10.59         | 12.01                | 14.82          | 24        |
| 11n HT20              | 5600      | 11.31         | 11.88                | 14.61          | 24        |
|                       | 5700      | 10.49         | 11.05                | 14.62          | 24        |
|                       | 5510      | 12.22         | 12.92                | 15.59          | 24        |
| 11n HT40              | 5590      | 12.08         | 12.52                | 15.32          | 24        |
|                       | 5670      | 11.37         | 11.85                | 14.63          | 24        |
|                       | 5500      | 11.97         | 12.28                | 15.14          | 24        |
| 11ac VHT20            | 5600      | 11.51         | 12.05                | 14.80          | 24        |
|                       | 5700      | 10.95         | 11.45                | 14.22          | 24        |
|                       | 5510      | 12.30         | 12.57                | 15.45          | 24        |
| 11ac VHT40            | 5590      | 12.11         | 12.37                | 15.25          | 24        |
|                       | 5670      | 11.45         | 11.72                | 14.60          | 24        |
| 11ac VHT80            | 5530      | 10.37         | 10.81                | 13.61          | 24        |
| Conclusion: PA        | SS        |               |                      |                |           |



#### 5745-5825MHz Band:

| EUT: Tablet P   | C         |              |                     |               |           |
|-----------------|-----------|--------------|---------------------|---------------|-----------|
| M/N: WT10PE     | E-C       |              |                     |               |           |
| Test date: 2015 | 5-11-22   | Pressure: 10 | 01.6±1.0kpa         | Humidity:532. | 8±3.0%    |
| Tested by: Alic | ce_Yang   | Test site: R | F site              | Temperature:2 | 2.7±0.6 ℃ |
|                 |           |              |                     |               |           |
| Test            | Frequency | Maximur      | n Conducted o (dBm) | utput power   | Limit     |
| Mode            | (MHz)     | ANT1         | ANT2                | Total         | (dBm)     |
|                 | 5745      | 11.27        | 12.12               | N/A           | 29.86     |
| 11a             | 5785      | 11.03        | 11.82               | N/A           | 29.86     |
|                 | 5825      | 10.6         | 11.61               | N/A           | 29.86     |
|                 | 5745      | 11.02        | 11.77               | 14.42         | 29.86     |
| 11n HT20        | 5785      | 10.47        | 11.66               | 14.12         | 29.86     |
|                 | 5825      | 10.44        | 11.38               | 13.95         | 29.86     |
| 11n HT40        | 5755      | 11.62        | 12.47               | 15.08         | 29.86     |
| 1111 11140      | 5790      | 11.08        | 12.22               | 14.70         | 29.86     |
|                 | 5745      | 11.32        | 11.96               | 14.66         | 29.86     |
| 11ac VHT20      | 5785      | 11.26        | 11.76               | 14.53         | 29.86     |
|                 | 5825      | 10.81        | 11.54               | 14.20         | 29.86     |
| 11ac VHT40      | 5755      | 11.71        | 12.33               | 15.04         | 29.86     |
| 11ac v n 140    | 5795      | 11.73        | 12.08               | 14.92         | 29.86     |
| 11ac VHT80      | 5775      | 9.89         | 10.31               | 13.12         | 29.86     |

Note: 11ac/n Mode

Directional Gain=  $10 \log[(10^{2.84/20} + 10^{3.41/20})^2/2]dBi$ 

=6.14dBi>6dBi

## AUDIX Technology (Shenzhen) Co., Ltd.

5180-5240MHz Band: ANT 0 11n HT40 5190MHz 5230MHz Center Fred 4.230000000 GH Center Free Span 55.5 MHz #Sweep 1 s Genter 5.23 GHz #Res BW 1 MHz Center 5.19 GHz #VBW 3 MHz #VBW 0 MHz Channel Power Power Spectral Density Channel Power Power Spectral Density 12.97 dBm / 37 MHz -62.72 dBm /Hz 12.67 dBm / 37 MHz -63.01 dBm /Hz **11ac VHT80** 5210MHz 5230MHz Center Free Center Fre Res BW 1 MHz Span 55.5 MHz #Sweep 1 s Res BW 1 MHz #VBW 3 MHz #VBW 3 MHz Channel Power Power Spectral Density Power Spectral Density Channel Power 10.57 dBm / 78 MHz 13.05 dBm / 37 MHz -62.63 dBm /Hz -68.35 dBm /Hz 11acVHT40 5190MHz Ref 15.00 dBm Span 55.5 MHz #Sweep 1 s #VBW 3 MHz Power Spectral Density Channel Power 12.40 dBm / 37 MHz -63.28 dBm /Hz

## AUDIX Technology (Shenzhen) Co., Ltd.

5180-5240MHz Band: ANT 1 11n HT40 5190MHz 5230MHz Center Fred 8.230000000 GH Center Free Span 55.5 MHz #Sweep 1 s Genter 5.23 GHz #Res BW 1 MHz Center 5.19 GHz #VBW 3 MHz #VBW 3 MHz Channel Power Power Spectral Density Channel Power Power Spectral Density 12.04 dBm / 37 MHz -63.64 dBm /Hz 12.06 dBm / 37 MHz -63.62 dBm /Hz **11ac VHT80** 5210MHz 5230MHz Center Free Center Free Center 5.23 GHz Res BW 1 MHz Span 55.5 MHz #Sweep 1 s Center 5.21 GHz Res BW 1 MHz #VBW 3 MHz #VBW 3 MHz Channel Power Power Spectral Density Power Spectral Density Channel Power 12.18 dBm / 37 MHz -63.50 dBm /Hz 10.02 dBm / 78 MHz -68.90 dBm /Hz 11acVHT40 5190MHz Ref 15.00 dBm Span 55.5 MHz #Sweep 1 s #VBW 3 MHz Power Spectral Density Channel Power 11.98 dBm / 37 MHz -63.70 dBm /Hz

## AUDIX Technology (Shenzhen) Co., Ltd.

**5260-5320MHz Band:** ANT 0 11n HT40 5270MHz 5310MHz Center Freq Center Free Span 55.5 MHz #Sweep 1 s Center 5.31 GHz #Res BW 1 MHz Center 5.27 GHz #VBW 3 MHz #VBW 0 MHz Channel Power Power Spectral Density **Channel Power** Power Spectral Density 12.48 dBm / 37 MHz -63.20 dBm /Hz 12,32 dBm / 37 MHz -63.36 dBm /Hz **11ac VHT80** 5290MHz 5310MHz Center Free Center Fre Res BW 1 MHz Span 55.5 MHz #Sweep 1 s Center 5.29 GHz Res BW 1 MHz #VBW 3 MHz #VBW 3 MHz Channel Power Power Spectral Density Power Spectral Density Channel Power 12.71 dBm / 37 MHz -62.98 dBm /Hz 10.28 dBm / 78 MHz -68.64 dBm /Hz 11acVHT40 5270MHz Ref 15.00 dBm Span 55.5 MHz #Sweep 1 s Res BW 1 MHz #VBW 3 MHz Power Spectral Density Channel Power 12.22 dBm / 37 MHz -63.46 dBm /Hz

## AUDIX Technology (Shenzhen) Co., Ltd.

**5260-5320MHz Band:** ANT 1 11n HT40 5270MHz 5310MHz Center Freq Center Fred 8-310000000 GH Span 55.5 MHz #Sweep 1 s Center 5.31 GHz #Res BW 1 MHz Center 5.27 GHz #VBW 3 MHz #VBW 3 MHz Channel Power Power Spectral Density Channel Power Power Spectral Density 11.84 dBm / 37 MHz -63.84 dBm /Hz 11.92 dBm / 37 MHz -63.76 dBm /Hz **11ac VHT80** 5290MHz 5310MHz Center Free Center Fre Res BW 1 MHz Span 55.5 MHz #Sweep 1 s Center 5.29 GHz Res BW 1 MHz #VBW 3 MHz #VBW 3 MHz Channel Power Power Spectral Density Power Spectral Density Channel Power 12.05 dBm / 37 MHz -63.63 dBm /Hz 10.14 dBm / 78 MHz -68.78 dBm /Hz 11acVHT40 5270MHz Ref 15.00 dBm Span 55.5 MHz #Sweep 1 s Res BW 1 MHz #VBW 3 MHz Power Spectral Density Channel Power 11.77 dBm / 37 MHz -63.91 dBm /Hz

## AUDIX Technology (Shenzhen) Co., Ltd.

5500-5700MHz Band: ANT 0 11acVHT40 11n HT40 5510MHz 5510MHz Center Freq Center Fred 6-510000000 GH Span 55.5 MHz #Sweep 1 s enter 5.51 GHz Res BW 1 MHz Center 5.51 GHz #VBW 3 MHz #VBW 3 MHz Channel Power Power Spectral Density Channel Power Power Spectral Density 12.22 dBm / 37 MHz -63.46 dBm /Hz 12,30 dBm / 37 MHz -63.38 dBm /Hz 5590MHz 5590MHz Span 55.5 MHz #Sweep 1 s Res BW 1 MHz SHM C MEAN #VBW 3 MHz **Power Spectral Density** Channel Power Power Spectral Density -63.60 dBm /Hz 12.08 dBm / 37 MHz 12.11 dBm / 37 MHz -63.57 dBm /Hz 5670MHz 5670MHz Ref 15.00 dBm Ref Ofset 10.5 dB Ref 15.00 dBm Span 55.5 MHz #Sweep 1 s enter 5.47 GHz Res BW 1 MHz SHM C WEVE #VBW 3 MHz Power Spectral Density Channel Power Power Spectral Density Channel Power 11.37 dBm / 37 MHz -64.31 dBm /Hz 11.45 dBm / 37 MHz -64.23 dBm /Hz

# AUDIX Technology (Shenzhen) Co., Ltd.

11ac VHT80 5530MHz 5670MHz Ref 10.00 dBm Ref 15.00 dBm Center Free Center Fre Span 55.5 MHz #Sweep 1 s Span 120 MHz #Sweep 1 s Channel Power Power Spectral Density Channel Power Power Spectral Density 10.37 dBm / 78 MHz -68.55 dBm /Hz 11.85 dBm / 37 MHz -63.83 dBm /Hz ANT 1 11acVHT40 11n HT40 5510MHz 5510MHz Ref 15.00 dBm Ref 15.00 dBm Span 55.5 MHz #Sweep 1 s enter 5.51 GHz Res BW 1 MHz Span 55.5 MHz #Sweep 1 s Res BW 1 MHz THM C WBVE #VBW 3 MHz Channel Power Power Spectral Density Channel Power Power Spectral Density 12.92 dBm / 37 MHz -62.76 dBm /Hz 12.57 dBm / 37 MHz -63.11 dBm /Hz 5590MHz 5590MHz Ref 15.00 dBm Ref 15.00 dBm Center Free Center Free Span 55.5 MHz #Sweep 1 s Span 55.5 MHz #Sweep 1 s enter 5.59 GHz Res BW 1 MHz #VBW 3 MHz Power Spectral Density Channel Power Power Spectral Density 12.52 dBm / 37 MHz -63.16 dBm /Hz 12.37 dBm / 37 MHz -63.31 dBm /Hz

FCC ID:ZW9-PDW0K Page 7-12 **11ac VHT80** 5530MHz 5670MHz Ref 10.00 dBm Center Freq & 670000000 GHU Center Pres Span 55.5 MHz #Sweep 1 s Span 120 MHz #Sweep 1 s #VBW 3 MHz #VBW 3 MHz Power Spectral Density Power Spectral Density Channel Power Channel Power 11.72 dBm / 37 MHz -63.97 dBm /Hz 10.81 dBm / 78 MHz -68.11 dBm /Hz

## AUDIX Technology (Shenzhen) Co., Ltd.

5745-5825MHz Band: ANT 0 11n HT40 5755MHz 5795MHz Center Freq Center Fred 4.795000000 GH Span 55.5 MHz #Sweep 1 s Center 5.795 GH: #Res BW 1 MHz #VBW 3 MHz #VBW 3 MHz Channel Power Power Spectral Density Channel Power Power Spectral Density 11.62 dBm / 37 MHz -64.06 dBm /Hz 11.73 dBm / 37 MHz -63.95 dBm /Hz 11ac VHT80 5775MHz 5795MHz Center Free Center Free enter 5,795 GH: Res BW 1 MHz Span 55.5 MHz #Sweep 1 s Center 5.7/5 GHz Res BW 1 MHz #VBW 3 MHz #VBW 3 MHz Channel Power Power Spectral Density Power Spectral Density Channel Power 11.08 dBm / 37 MHz -64.60 dBm /Hz 9.89 dBm / 78 MHz -69.03 dBm /Hz 11acVHT40 5755MHz Ref 15.00 dBm Span 55.5 MHz #Sweep 1 s #VBW 3 MHz Power Spectral Density Channel Power 11.71 dBm / 37 MHz -63.97 dBm /Hz

## AUDIX Technology (Shenzhen) Co., Ltd.

5745-5825MHz Band: ANT 1 11n HT40 5755MHz 5795MHz Center Freq Center Fred 4.795000000 GH Span 55.5 MHz #Sweep 1 s Center 5.795 GH. #Res BW 1 MHz #VBW 3 MHz #VBW 3 MHz Channel Power Power Spectral Density Channel Power Power Spectral Density 12.47 dBm / 37 MHz -63.21 dBm /Hz 12.08 dBm / 37 MHz -63.61 dBm /Hz 11ac VHT80 5775MHz 5795MHz Center Free Center Free Center 5,795 GHz Res BW 1 MHz Span 55.5 MHz #Sweep 1 s Center 5.7/5 GHz Res BW 1 MHz #VBW 3 MHz #VBW 3 MHz Channel Power Power Spectral Density Power Spectral Density Channel Power 12.22 dBm / 37 MHz -63.47 dBm /Hz 10.31 dBm / 78 MHz -68.62 dBm /Hz 11acVHT40 5755MHz Ref 15.00 dBm Span 55.5 MHz #Sweep 1 s #VBW 3 MHz Power Spectral Density Channel Power 12.33 dBm / 37 MHz -63.36 dBm /Hz

#### 8. SPECTRAL DENSITY TEST

#### 8.1.Test Equipment

| Item | Equipment         | Manufacturer | Model No.   | Serial No. | Last Cal.  | Cal.<br>Interval |
|------|-------------------|--------------|-------------|------------|------------|------------------|
| 1.   | Spectrum          | Agilent      | N9030A      | MY51380221 | Oct.18,15  | 1Year            |
| 2.   | Attenuator (20dB) | Agilent      | 8491B       | MY39262165 | Apr.28, 15 | 1 Year           |
| 3    | RF Cable          | Hubersuhner  | SUCOFLEX102 | 28610/2    | Apr.28, 15 | 1 Year           |

#### 8.2.Limit

#### Band 5150-5250 MHz:

The e.i.r.p spectral density shall not exceed 11 dBm in any 1.0 MHz band.

#### Band 5250-5350 MHz:

The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

#### Band 5470-5725 MHz:

The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

#### Band 5725-5850 MHz:

The power spectral density shall not exceed 30 dBm in any 500 KHz band.

#### 8.3.Test Procedure

#### For the Band 5.15-5.25GHz:

The transmitter output was connected to a spectrum analyzer. Power density was measured by spectrum analyzer with 1MHz RBW and 3MHz VBW; Detector: RMS mode.

#### For the band 5.725-5.85 GHz:

The transmitter output was connected to a spectrum analyzer. Power density was measured by spectrum analyzer with 1MHz RBW and 3MHz VBW,RMS Detector.

So use the test method described in KDB789033 clause E

- 1) Set the RBW=100kHz and VBW =3MHz
- 2) Number of points in sweep  $\geq$  2 Span / RBW.(This ensures that bin-to-bin spacing is  $\leq$  RBW/2, so that narrowband signals are not lost between frequency bins.)
- 3) Sweep time = auto
- 4) Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.
- 5) Use the "peak search" function of spectrum analyzer find the max value, then add 10log (500kHz/RBW) to the measured result.

Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.



#### 8.4.Test Results

## 5180-5240MHz Band:

| EUT: Tablet PC        |                        |                        |
|-----------------------|------------------------|------------------------|
| M/N: WT10PE-C         |                        |                        |
| Test date: 2015-11-26 | Pressure: 101.8±1.0kpa | Humidity:52.7±3.0%     |
| Tested by: Alice_Yang | Test site: RF site     | Temperature:22.8±0.6 ℃ |

| Test           | Frequency | Power density<br>(dBm/MHz) |        |        | Limit     |
|----------------|-----------|----------------------------|--------|--------|-----------|
| Mode           | (MHz)     | ANT0                       | ANT1   | Total  | (dBm/MHz) |
|                | 5180      | 0.897                      | 0.318  | N/A    | 11        |
| 11a            | 5200      | 0.618                      | 0.093  | N/A    | 11        |
|                | 5240      | 0.828                      | 0.255  | N/A    | 11        |
|                | 5180      | 0.328                      | -0.184 | 3.09   | 11        |
| 11n HT20       | 5200      | 0.268                      | -0.158 | 3.071  | 11        |
|                | 5240      | 0.346                      | -0.050 | 3.163  | 11        |
| 11n HT40       | 5190      | -1.930                     | -2.753 | 0.688  | 11        |
| 1111 H140      | 5230      | -1.916                     | -2.508 | 0.808  | 11        |
|                | 5180      | 0.274                      | -0.094 | 3.104  | 11        |
| 11ac VHT20     | 5200      | 0.152                      | -0.272 | 2.955  | 11        |
|                | 5240      | 0.385                      | -0.161 | 3.131  | 11        |
| 11ac VHT40     | 5190      | -2.146                     | -2.689 | 0.601  | 11        |
| 11ac v H 140   | 5230      | -1.783                     | -2.524 | 0.873  | 11        |
| 11ac VHT80     | 5210      | -6.627                     | -7.433 | -4.001 | 11        |
| Conclusion: Pa | ASS       |                            |        |        |           |



#### **5260-5320MHz Band:**

| EUT: Tablet PC        |                         |                         |
|-----------------------|-------------------------|-------------------------|
| M/N: WT10PE-C         |                         |                         |
| Test date: 2015-11-26 | Pressure: 101.8±1.0 kpa | Humidity:52.7±3.0%      |
| Tested by: Alice_Yang | Test site: RF site      | Temperature:22.8±0.6 °C |

| Test           | Frequency | Power density<br>(dBm/MHz) |        |       | Limit     |
|----------------|-----------|----------------------------|--------|-------|-----------|
| Mode           | (MHz)     | ANT1                       | ANT2   | Total | (dBm/MHz) |
|                | 5260      | 0.218                      | -0.324 | N/A   | 11        |
| 11a            | 5300      | 0.335                      | -0.270 | N/A   | 11        |
|                | 5320      | 0.519                      | -0.037 | N/A   | 11        |
|                | 5260      | -0.147                     | -0.486 | 2.697 | 11        |
| 11n HT20       | 5300      | 0.089                      | -0.517 | 2.807 | 11        |
|                | 5320      | 0.142                      | -0.245 | 2.963 | 11        |
| 11n HT40       | 5270      | -2.290                     | -2.486 | 0.623 | 11        |
| 1111 11140     | 5310      | -2.223                     | -2.807 | 0.505 | 11        |
|                | 5260      | -0.227                     | -0.332 | 2.731 | 11        |
| 11ac VHT20     | 5300      | -0.099                     | -0.280 | 2.822 | 11        |
|                | 5320      | 0.013                      | -0.131 | 2.952 | 11        |
| 11aa VIIT40    | 5270      | -2.489                     | -2.592 | 0.47  | 11        |
| 11ac VHT40     | 5310      | -2.307                     | -2.740 | 0.492 | 11        |
| 11ac VHT80     | 5290      | -6.992                     | -7.211 | -4.09 | 11        |
| Conclusion: Pa | ASS       |                            |        |       |           |



#### 5500-5700MHz Band:

| EUT: Tablet PC        |                         |                        |
|-----------------------|-------------------------|------------------------|
| M/N: WT10PE-C         |                         |                        |
| Test date: 2015-11-26 | Pressure: 101.6±1.0 kpa | Humidity:52.7±3.0%     |
| Tested by: Alice_Yang | Test site: RF site      | Temperature:22.8±0.6 ℃ |

| Test           | Frequency | Power density<br>(dBm/MHz) |        |        | Limit     |
|----------------|-----------|----------------------------|--------|--------|-----------|
| Mode           | (MHz)     | ANT0                       | ANT1   | Total  | (dBm/MHz) |
|                | 5500      | 0.379                      | 0.618  | N/A    | 11        |
| 11a            | 5600      | 0.036                      | 0.417  | N/A    | 11        |
|                | 5700      | -0.221                     | -0.253 | N/A    | 11        |
|                | 5500      | -0.058                     | 0.280  | 3.125  | 11        |
| 11n HT20       | 5600      | -0.095                     | 0.195  | 3.063  | 11        |
|                | 5700      | -0.776                     | -0.474 | 2.388  | 11        |
|                | 5510      | -2.558                     | -2.012 | 0.734  | 11        |
| 11n HT40       | 5590      | -2.640                     | -2.031 | 0.685  | 11        |
|                | 5670      | -3.123                     | -2.825 | 0.039  | 11        |
|                | 5500      | -0.155                     | 0.336  | 3.108  | 11        |
| 11ac VHT20     | 5600      | -0.295                     | 0.144  | 2.94   | 11        |
|                | 5700      | -0.820                     | -0.465 | 2.371  | 11        |
|                | 5510      | -2.629                     | -2.051 | 0.68   | 11        |
| 11ac VHT40     | 5590      | -2.589                     | -2.133 | 0.655  | 11        |
|                | 5670      | -2.971                     | -2.999 | 0.025  | 11        |
| 11ac VHT80     | 5530      | -6.903                     | -6.575 | -3.726 | 11        |
| Conclusion: PA | ASS       |                            |        |        |           |



#### 5745-5825MHz Band:

| EUT: Tablet PC        |                        |                        |  |  |  |
|-----------------------|------------------------|------------------------|--|--|--|
| M/N: WT10PE-C         |                        |                        |  |  |  |
| Test date: 2015-11-26 | Pressure: 101.5±1.0kpa | Humidity:52.7±3.0%     |  |  |  |
| Tested by: Alice_Yang | Test site: RF site     | Temperature:22.8±0.6 ℃ |  |  |  |

| Test<br>Mode   | Frequency (MHz) | Power density<br>(dBm/500KHz) |        |       | Limit        |
|----------------|-----------------|-------------------------------|--------|-------|--------------|
|                |                 | ANT1                          | ANT2   | Total | (dBm/500KHz) |
| 11a            | 5745            | -1.766                        | -1.185 | N/A   | 29.86        |
|                | 5785            | -1.772                        | -1.185 | N/A   | 29.86        |
|                | 5825            | -2.214                        | -1.368 | N/A   | 29.86        |
| 11n HT20       | 5745            | -2.296                        | -1.504 | 1.13  | 29.86        |
|                | 5785            | -2.508                        | -2.007 | 0.76  | 29.86        |
|                | 5825            | -2.576                        | -1.893 | 0.79  | 29.86        |
| 11n HT40       | 5755            | -4.259                        | -3.917 | -1.07 | 29.86        |
|                | 5790            | -5.104                        | -4.228 | -1.63 | 29.86        |
| 11ac VHT20     | 5745            | -2.228                        | -1.304 | 1.27  | 29.86        |
|                | 5785            | -2.449                        | -1.886 | 0.85  | 29.86        |
|                | 5825            | -2.40                         | -2.247 | 0.69  | 29.86        |
| 11ac VHT40     | 5755            | -4.546                        | -3.965 | -1.24 | 29.86        |
|                | 5790            | -4.635                        | -4.396 | -1.50 | 29.86        |
| 11ac VHT80     | 5775            | -9.285                        | -9.047 | -6.15 | 29.86        |
| Conclusion: PA | SS              |                               |        |       |              |

Note: 11ac/n Mode

Directional Gain=  $10 \log[(10^{2.84/20} + 10^{3.41/20})^2/2]dBi$ 

= 6.14dBi>6dBi

#### Note 2:

Correction factor =10log(500kHz/100kHz)=6.9897
 Result=Reading value + Correction factor

FCC ID:ZW9-PDW0K 5180-5240MHz Band: ANT 0 11a 11n HT20 5180MHz 5180MHz Avg Type FMS Avgitted 100/100 Ref 20.00 dfilm Ref 20.00 dfilm Next Pa Rigt Next Pk Let Mar -cr 5200MHz 5200MHz Avg Type FMS Avgitted 100/10 Avg Type PMS Avg/Heid: 100/10 203 38 G 0.018 di Ref 20.00 dBm Ref 20.00 dBm enter 5,20000 GHz Res BW 1.0 MHz enter 5,20000 GHz Res BW 1.0 MHz 5240MHz 5240MHz Trig Free Run NextPost NextPos Ref 20.00 dfim Ref 20.00 dfim EVBW 3.0 MHZ EVBW 3.0 MHZ

## AUDIX Technology (Shenzhen) Co., Ltd.

11n HT40 5190MHz 5200MHz Ref 20.00 dfim Ref 20.00 dBm Mar - Reft.v Mar - Reft. enter 5,20000 GHI Res BW 1,0 MHz 5240MHz 5230MHz arker 1 5.22370000 Ref 20.00 dfim Ref 20.00 dfim Next Pa Rigt Next Pa Righ Marker Det Marker Det Center 5.24000 GHz #Res BW 1.0 MHz Center 5,23000 GHz #Res BW 1.0 MHz EVEW 3.0 MHZ EVBW 3.0 MHZ 11ac VHT20 11ac VHT40 5180MHz 5190MHz srker 1 5.177150000000 GHz srker 1 5.195040000000 GH Avg Type FMS Avgitted 100/10 Avg Type PMS Avgitted 100/10 Ref 20.00 dBm Ref 20.00 dBm EVBW 3.0 MHZ EVBW 3.0 MHZ

S230MHz

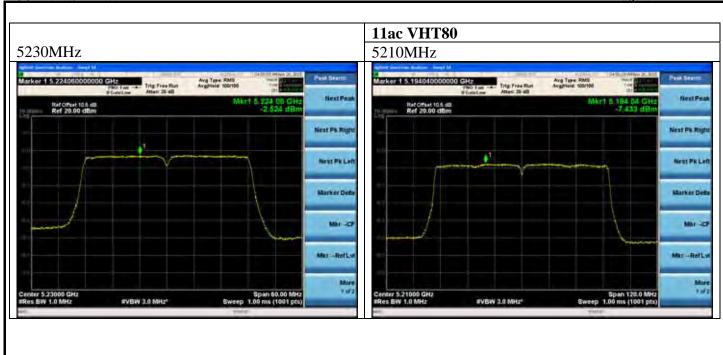
S330MHz

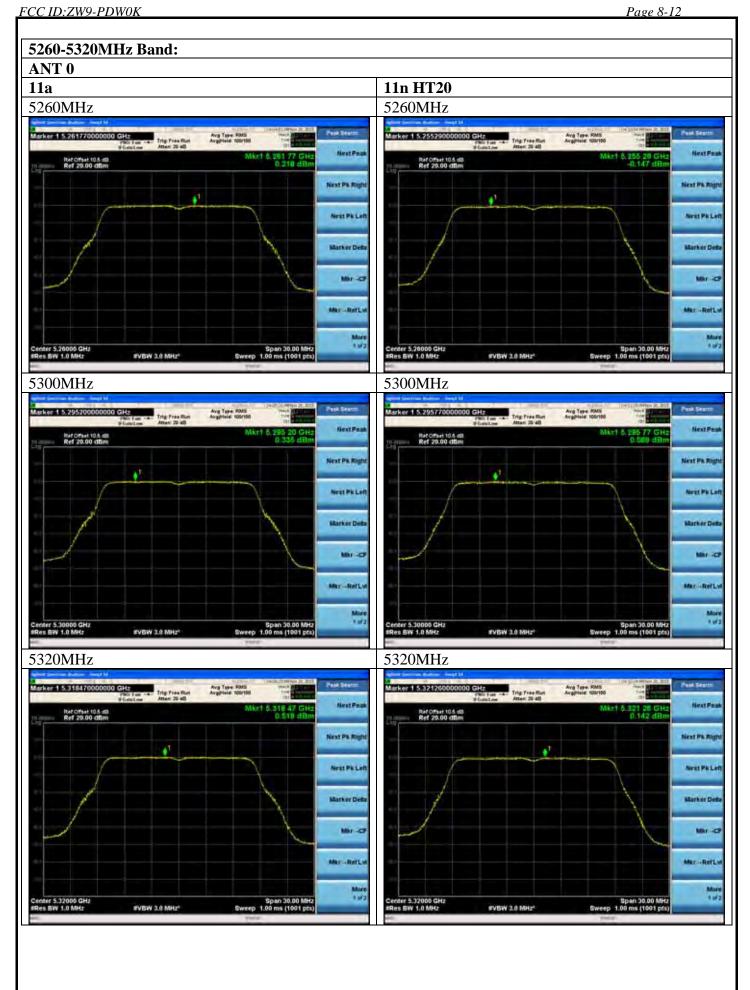
S33

FCC ID:ZW9-PDW0K 5180-5240MHz Band: ANT 1 11a 11n HT20 5180MHz 5180MHz Ref 20.00 dfilm Ref 20.00 dfilm Next Pa Rigt Next Pk Let Mar -cr 5200MHz 5200MHz Ref 20.00 dBm Ref 20.00 dBm enter 5,20000 GHz Res BW 1.0 MHz 5240MHz 5240MHz arker 1 5.24504000 Trig Free Run NextPost NextPos Ref 20.00 dfim Ref 20.00 dfim EVBW 3.0 MHZ EVBW 3.0 MHZ

# AUDIX Technology (Shenzhen) Co., Ltd.

11n HT40 5190MHz 5200MHz Ref 20.00 dfim Ref 20.00 dBm Mar - Reft. Mar - Refly 5240MHz 5230MHz arker 1 5.23816000 srker 1 5.237360000000 GHz Ref 20.00 dfim Ref 20.00 dfim Next Pa Rigt Name Po. Block Marker Det Marker Det Center 5.24000 GHz #Res BW 1.0 MHz Center 5,23000 GHz #Res BW 1.0 MHz EVEW 3.0 MHZ FVBW 3.0 MHZ 11ac VHT20 11ac VHT40 5180MHz 5190MHz srker 1 5.174780000000 GHz srker 1 5.184540000000 GH: Avg Type PMS Avgitted 100/10 Avg Type PMS Avgitted 100/10 Ref 20.00 dfim Ref 20.00 dBm EVBW 3.0 MHZ EVBW 3.0 MHZ





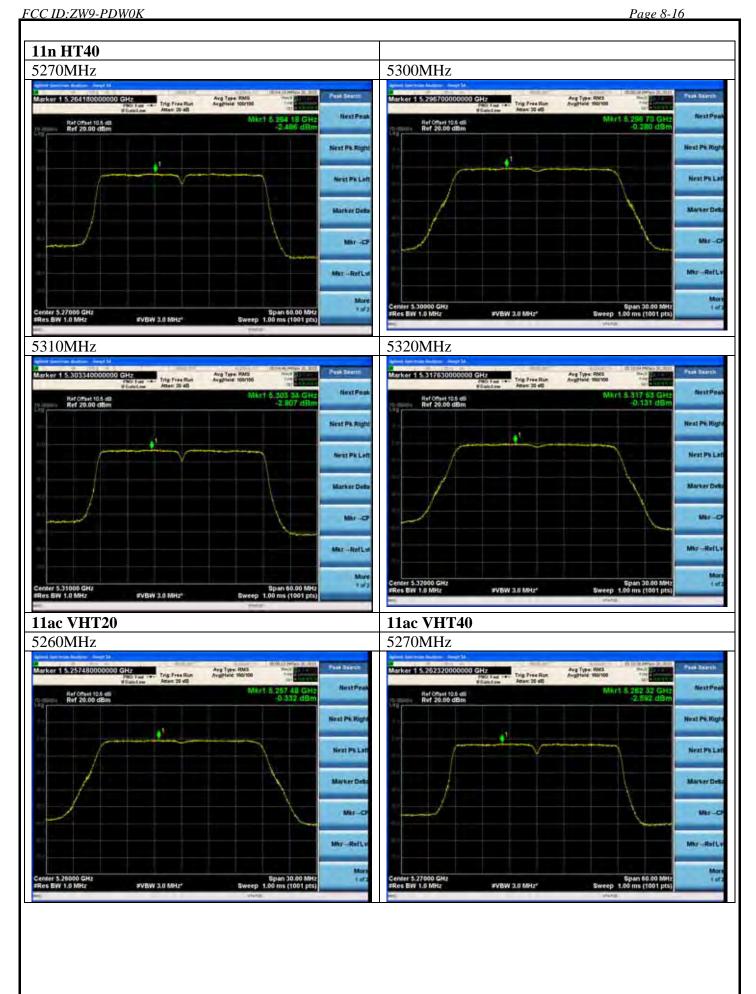
# AUDIX Technology (Shenzhen) Co., Ltd.

11n HT40 5270MHz 5300MHz Ref 20.00 dfilm Ref 20.00 dfim MRT-RetLy Mar - Refly es BW 1.0 MHz 5320MHz 5310MHz srker 1 5.322010000 Ref 20.00 dfim Ref 20.00 dfim Next Pa Rigt Next Pa Rigi Marker Det Marker Det Max - RetLy Center 5,31000 GHz #Res BW 1.0 MHz Center 5,32000 GHz #Res BW 1,0 MHz EVEW 3.0 MHZ EVEW 3.0 MHZ 11ac VHT20 11ac VHT40 5260MHz 5270MHz sker 1 5.257390000000 GHz Avg Type PMS Avgitted 100/10 Avg Type PMS Avgitted 100/10 Ref 20.00 dBm Ref 20.00 dilm EVBW 3.0 MHZ EVBW 3.0 MHZ

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## AUDIX Technology (Shenzhen) Co., Ltd.

5260-5320MHz Band: ANT 1 11a 11n HT20 5260MHz 5260MHz Avg Type FMS Avgitteid: 100/10 Ref 20.00 dfilm Ref 20.00 dfilm Next Pa Rigt Next Pk Let Mar GCF 5300MHz 5300MHz Avg Type FMS Avgitted 100/10 0.517 d Ref 20.00 dBm Ref 20.00 dBm Mar Berly enter 5,30000 GHz Res BW 1.0 MHz 5320MHz 5320MHz Trig Free Run NextPost MextPos Ref 20.00 dfim Ref 20.00 dfim EVBW 3.0 MHZ EVBW 3.0 MHZ



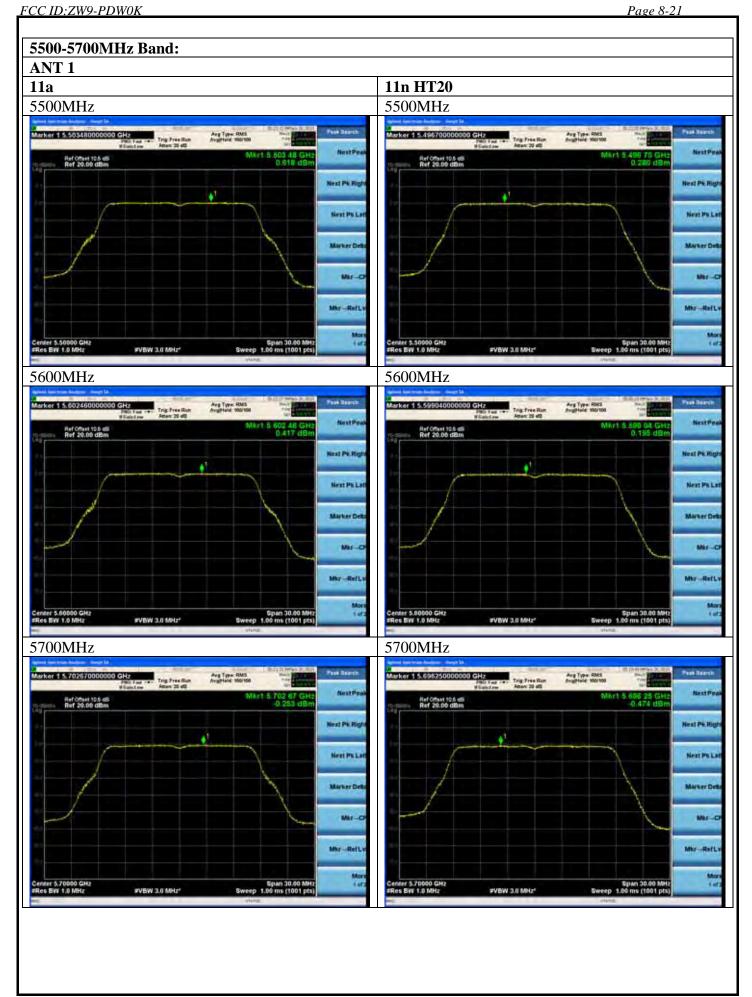
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## AUDIX Technology (Shenzhen) Co., Ltd.

11n HT40 11ac VHT20 5510MHz 5500MHz Avg Type RMS Avgitted 100/100 Ref 20.00 dfim Ref 20.00 dfim Mar - Reft.v Mar - Reft. enter 5.50000 GHI Res BW 1.0 MHz 5600MHz 5590MHz arker 1 5.58574000 Ref 20.00 dfilm Ref 20.00 dfim Next Pa Rigt Next Pa Rigi Marker Det Marker Det Max - RetLy Center 5,59000 GHz #Res BW 1.0 MHz Center 5,60000 GHz #Res BW 1.0 MHz EVEW 3.0 MHZ EVBW 3.0 MHz 5700MHz 5670MHz Trig Free Run Avg Type FMS Avgitteid 100/10 Trig Free Run Atten 20 dB Ref 20.00 dfim Ref 20.00 dfilm Name Po. Block Marat Pa. Rice Mare 1 of 2

FCC ID:ZW9-PDW0K **11ac VHT40** 5510MHz 5670MHz Marker 1 5.514320000000 GHz. Avg Type 6569 AvgSteid 1501100 Ref 20.00 dBm Ref Offset 10.5 dB Ref 20.00 dBm EVBW 3.0 MHZ 11ac VHT80 5590MHz 5530MHz rker 1 5.51644000000 GHz Ref 20.00 dtim Ref Offset 10.5 dB Ref 20.00 dBm Next Pa Rigt Mir Refly EVBW 3.0 MHZ



FCC ID:ZW9-PDW0K 11n HT40 11ac VHT20 5510MHz 5500MHz Marker 1 5.499140000 Aug Type: RMS Avgittale: World Aug Type: RMS Avgittele: Worldo Ref Offset 10.5 dS Ref 20.00 dBm Ref Offset 10.6 dS Ref 20.00 dSm 5600MHz 5590MHz Marker 1 5.585080000000 GHz Marker 1 5.597270000000 GHz Aug Type: RMS Avgittele: 100/100 Aug Type: RMS AvgPtelé: 900100 0.144 d Ref 20.00 dBm Ref 20.00 dBm Censer 5.59000 GHz #Res BW 1.0 MHz Center 5.80000 GHz #Res BW 1.8 MHz FVBW 3.0 MHz\* FVBW 3.0 MHz\* 5670MHz 5700MHz sker 1 5.6636400 Aug Type: RMS Avgittale: World Aug Type: RMS AvgPtole: W010 Ref 20.00 dBm Ref Offset 10.5 dB Ref 20.00 dBm Censer 5.67000 GHz #Res BW 1.0 MHz

FCC ID:ZW9-PDW0K **11ac VHT40** 5510MHz 5670MHz Aarker 1 5.5157600000000 GHz Aug Type: RMS Aughteré Voortoo Ang Type: RMS Augmeis: 100/100 Ref Offset 10.5 dS Ref 20.00 dBm Ref Offset 10.5 dB Ref 20.05 dBm Center 5.67000 GHz ERes BW 1.0 MHz **11ac VHT80** 5590MHz 5530MHz Marker 1 5.517400000000 GHz F903 Feet 20 68 Aug Type: RMS Aughteid 100/100 Ang Type: RMS Augiters: 100/100 Ref 20.00 dam Ref 0ffset 10.5 dB Ref 20.00 dBm Next Pk Rigi Nest Picke #VBW 3.0 MHz\* EVBW 3.0 MHZ

## AUDIX Technology (Shenzhen) Co., Ltd.

5745-5825MHz Band: ANT 0 11a 11n HT20 5745MHz 5745MHz Marker 1 5,748750000000 GHz Marker 1 5.748750000000 GHz Aug Type: RMS Avgittele: World Aug Type: RMS Avgitteld: W010 Ref 20.00 dBm Ref 20.00 dBm Next Pa La Center 5.74500 GHz #Res BW 100 kHz FVBW 300 KHZ\* #VBW 300 KH2" 5785MHz 5785MHz arker 1 5.786290000000 GHz srker 1 5.783140000000 GHz Aug Type: RMS Available: WOTEN Aug Type: RMS Available: W0100 Ref 20.00 dBm Ref 20.00 dBm Neat Ph La Center 5.78500 GHz #Res BW 100 kHz Center 5.78500 GHz #Res BW 100 kHz Span 30.60 MH Sweep 3.73 ms (1001 pts FVBW 300 KHZ\* 5825MHz 5825MHz orker 1 5.830040000000 GHz Marker 1 5.831270000000 GHz Aug Type: RMS Aug Type: RMS and ren. Trig Free Rum Smart 20 of 0 Ref Offset 10.6 dS Ref 20.00 dSm Ref 20.00 dBm Center 5.82500 GHz ERes BW 100 kHz Span 30.00 MH: Sweep 3.73 ms (1001 pts Span 30.00 MH Sweep 3.73 ms (1001 pts FVBW 300 KHZ\*

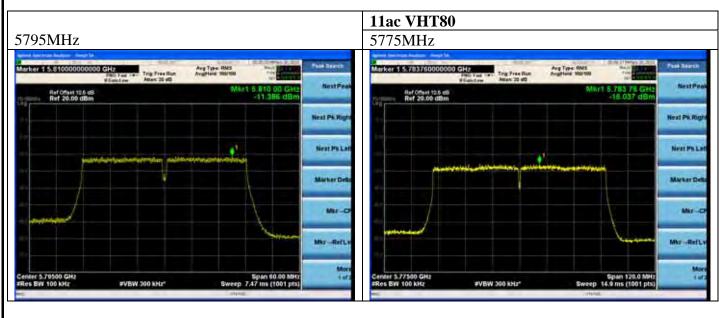
FCC ID:ZW9-PDW0K 11n HT40 5755MHz 5785MHz Aug Type: RMS Avgittele: 100/100 Aug Type: RMS Avgittele: Worldo Ref Offset 10.6 dS Ref 20.00 dBm Ref Offset 10.5 dS Ref 20.00 dSm 5825MHz 5795MHz Marker 1 5.787500000000 GHz Marker 1 5.818760000000 GHz Aug Type: RMS Aughtere: Worton Aug Type: RMS Aughtele: World Ref 20.00 dBm Ref 20.00 dBm FVBW 300 KH2" 11ac VHT20 **11ac VHT40** 5745MHz 5755MHz Ref Offset 10.6 dS Ref 20.00 dSm Ref Offset 10.5 dS Ref 20.00 dSm Next Pk Ric

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## AUDIX Technology (Shenzhen) Co., Ltd.

5745-5825MHz Band: ANT 1 11a 11n HT20 5745MHz 5745MHz Marker 1 5.7418800000000 GHz Marker 1 5.743740000000 GHz Aug Type: RMS Avgittele: World Aug Type: RMS Avgittele: World Ref 20.00 dBm Ref 20.00 dBm Next Pa La Center 5.74500 GHz #Res BW 100 kHz FVBW 300 kHz\* FVBW 300 KHZ\* 5785MHz 5785MHz srker 1 5.788150000000 GHz arker 1 5.781280000000 GHz Aug Type: RMS Available: World Aug Type: RMS Available: World Ref 20.00 dBm Ref 20.00 dBm Next Pa Re Center 5.78500 GHz #Res BW 100 kHz Center 5.78500 GHz #Res BW 100 kHz Span 30.60 MH Sweep 3.73 ms (1001 pts Span 30.00 Ms Sweep 3.73 ms (1001 pt FVBW 300 KHZ\* 5825MHz 5825MHz Marker 1 5.8235.400000000 GHz Trig Free Run Still Lear 10 dtl Aug Type: RMS Trig Free Run Amer 20 of Aug Type: RMS Ref Offset 10.5 dS Ref 20.00 dBm Ref 20.00 dBm Center 5.82500 GHz ERes BW 100 kHz Span 30.00 MH: Sweep 3.73 ms (1001 pts Span 30.00 MH Sweep 3.73 ms (1001 pts FVBW 300 KHZ\*

FCC ID:ZW9-PDW0K 11n HT40 5755MHz 5785MHz Aug Type: RMS Avgittele: 100/100 Aug Type: RMS Avgittele: Worldo Ref Offset 10.6 dS Ref 20.00 dBm Ref Offset 10.5 dS Ref 20.00 dSm 5825MHz 5795MHz Marker 1 5, 798780000000 GHz Marker 1 5.626260000000 GHz Aug Type: RMS Avgittele: 900100 Aug Type: RMS Aughtele: World 5.798 78 G -11.218 ds Ref 20.00 dBm Ref 20.00 dBm FVBW 300 KHZ\* FVBW 300 KHZ\* 11ac VHT20 **11ac VHT40** 5745MHz 5755MHz Ref Offset 10.6 dS Ref 20.00 dSm Ref Offset 10.5 dS Ref 20.00 dSm Next Pk Ric



# 9. ANTENNA REQUIREMENT

# 9.1. Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.407 (a), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

#### 9.2. Antenna Connected Construction

The antennas used for this product are PIFA antenna that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is 3.41dBi.



| 10. DEVIATION TO TEST SPECIFICATIONS [NONE] |  |  |  |  |
|---|--|--|--|--|
| [NONE]                                      |  |  |  |  |
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