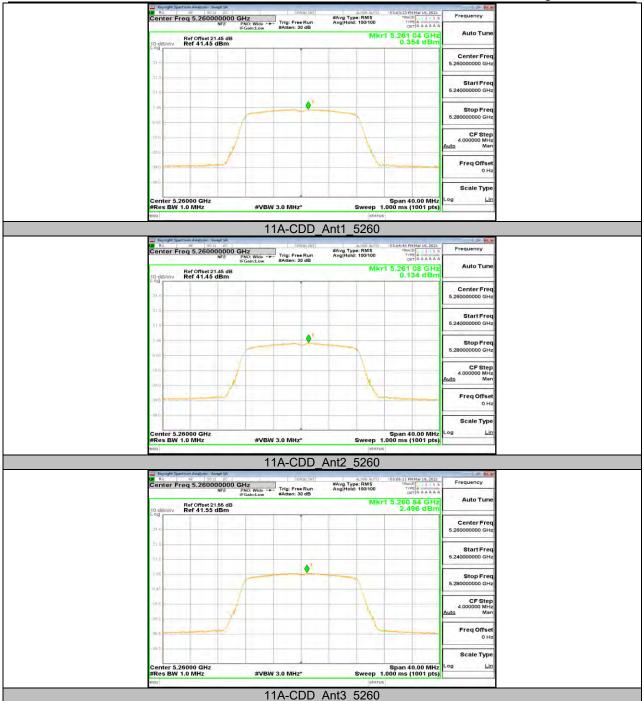




Fig. 90 Section Among the Section of Section 1 Section #Avg Type: RMS Avg[Hold: 100/100 DET A A A A A Mkr1 5.241 88 GHz -7.121 dBm Ref Offset 21.45 dB Ref 41.45 dBm Center Fre • Span 40.00 MHz Sweep 1.000 ms (1001 pts) #VBW 3.0 MHz* 11A-CDD_Ant2_5240 #Avg Type: RMS Avg[Hold: 100/100 Mkr1 5.238 80 GHz -5.202 dBm Auto Tur Ref Offset 21.55 dB Ref 41.55 dBm Start Fre • #VBW 3.0 MHz* 11A-CDD Ant3 5240 © Key opt Settlemanage | Set opt | TRALE 3 3 3 TYPE A A A A A A A Frequency #Avg Type: RMS Avg[Hold: 100/100 Auto Tur Ref Offset 21.52 dB Ref 41.52 dBm Center Free 5.240000000 GHz Freq Offse Scale Typ Span 40.00 MHz Sweep 1.000 ms (1001 pts) 11A-CDD Ant4 5240







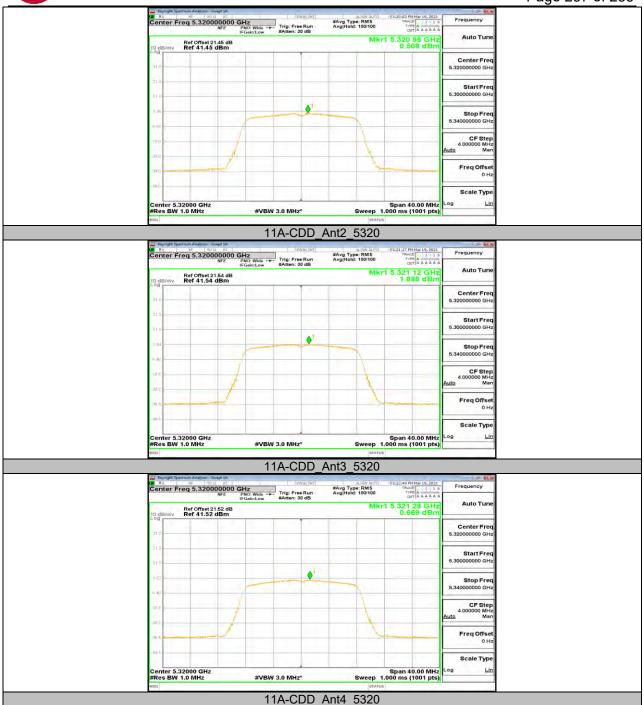
Legy of Section Analysis and Legy of Section #Avg Type: RMS Avg[Hold: 100/100 DET A A A A A Mkr1 5.260 84 GHz 0.977 dBm Ref Offset 21.52 dB Ref 41.52 dBm Center Fre #VBW 3.0 MHz* 11A-CDD_Ant4_5260 Report Settler Angeles up to the Report of t 18:10:42 PM May 19, 2021 TRALE 3 - 5 : TYPE A A A A A A #Avg Type: RMS Avg[Hold: 100/100 Mkr1 5.278 84 GHz 0.062 dBm Auto Tur Ref Offset 21.45 dB Ref 41.45 dBm Start Fre nter 5.28000 GHz es BW 1.0 MHz #VBW 3.0 MHz* 11A-CDD Ant1 5280 TRALE 3 3 3 TYPE A A A A A A A R NF SO II DC SERSE IN Center Freq 5.280000000 GHz

NFE PNO: Wide FGaint.ow #Atten: 30 dB #Avg Type: RMS Avg[Hold: 100/100 Frequency Auto Tur Mkr1 5.281 44 GH: -0.265 dBm Ref Offset 21.45 dB Ref 41.45 dBm Start Free Freq Offse Scale Typ Span 40.00 MHz Sweep 1.000 ms (1001 pts) 11A-CDD Ant2 5280



English Annual A #Avg Type: RMS Avg[Hold: 100/100 Mkr1 5.281 64 GHz 2.081 dBm Ref Offset 21.54 dB Ref 41.54 dBm Center Fre • Span 40.00 MHz Sweep 1.000 ms (1001 pts) #VBW 3.0 MHz* 11A-CDD_Ant3_5280 Receipt Section Analyses are a section of the secti #Avg Type: RMS Avg[Hold: 100/100 Auto Tur Mkr1 5.281 04 GHz 0.439 dBm Ref Offset 21.51 dB Ref 41.51 dBm Start Fre enter 5.28000 GHz Res BW 1.0 MHz #VBW 3.0 MHz* 11A-CDD Ant4 5280 © Key op Det | Serosam | 38 FM Mar 19, 2021 TRALE 3 3 3 TYPE A A A A A A Frequency #Avg Type: RMS Avg[Hold: 100/100 Auto Tur Mkr1 5.321 32 GHz -0.058 dBm Ref Offset 21.45 dB Ref 41.45 dBm Start Free Freq Offse Scale Typ Span 40.00 MHz Sweep 1.000 ms (1001 pts) 11A-CDD Ant1 5320

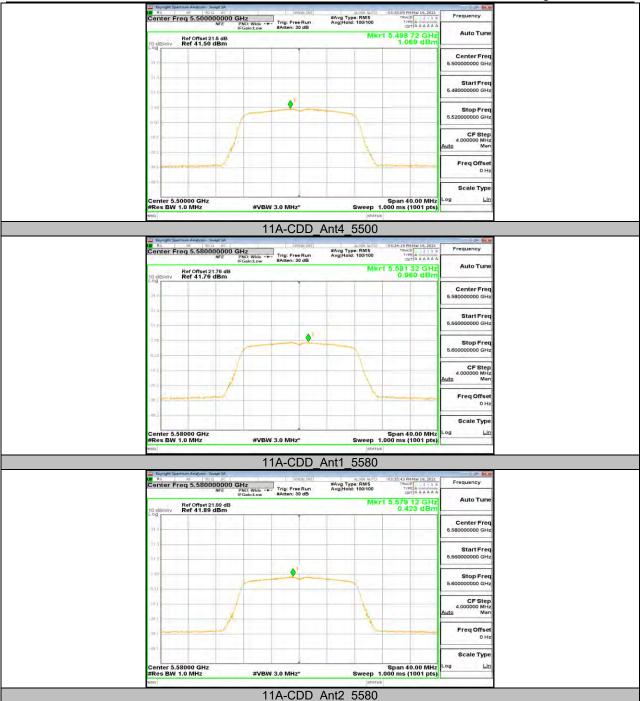




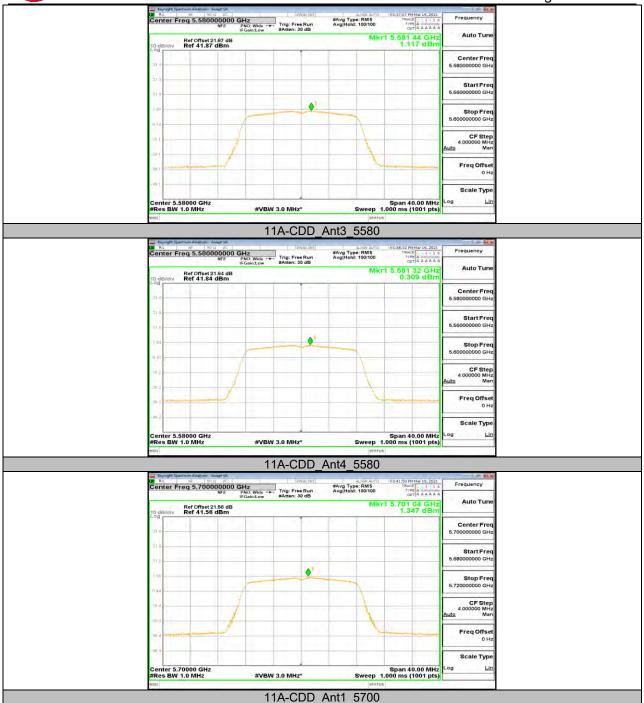


#Avg Type: RMS Avg[Hold: 100/100 DET A A A A A Mkr1 5,501 48 GHz 1,614 dBm Ref Offset 21.46 dB Ref 41.46 dBm Center Fre • Span 40.00 MHz Sweep 1.000 ms (1001 pts) #VBW 3.0 MHz* 11A-CDD_Ant1_5500 #Avg Type: RMS Avg[Hold: 100/100 Auto Tur Mkr1 5.498 96 GHz -0.465 dBm Ref Offset 21.47 dB Ref 41.47 dBm Start Fre #VBW 3.0 MHz* 11A-CDD Ant2 5500 © Key op Det | Serosam | TRACE 13 1 3 1 TYPE A A A A A A Frequency #Avg Type: RMS Avg[Hold: 100/100 Auto Tur Ref Offset 21.45 dB Ref 41.45 dBm Start Free Freq Offse Scale Typ Span 40.00 MHz Sweep 1.000 ms (1001 pts) 11A-CDD Ant3 5500

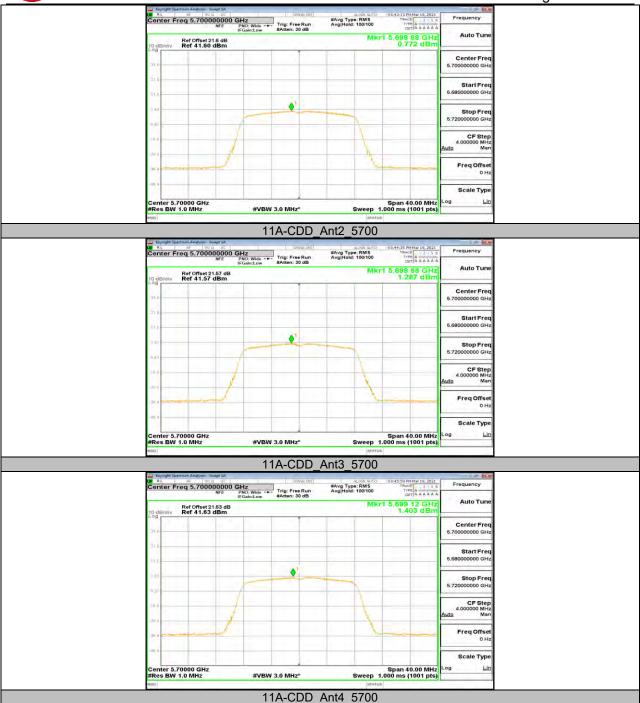




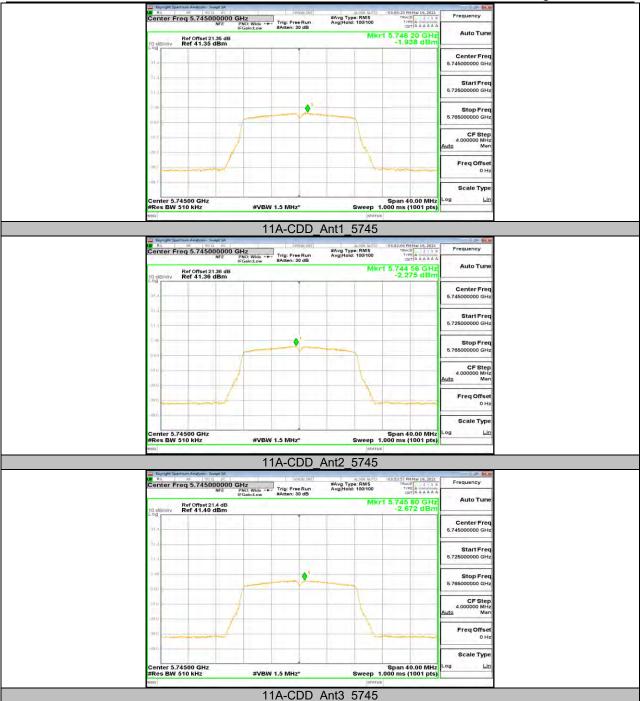










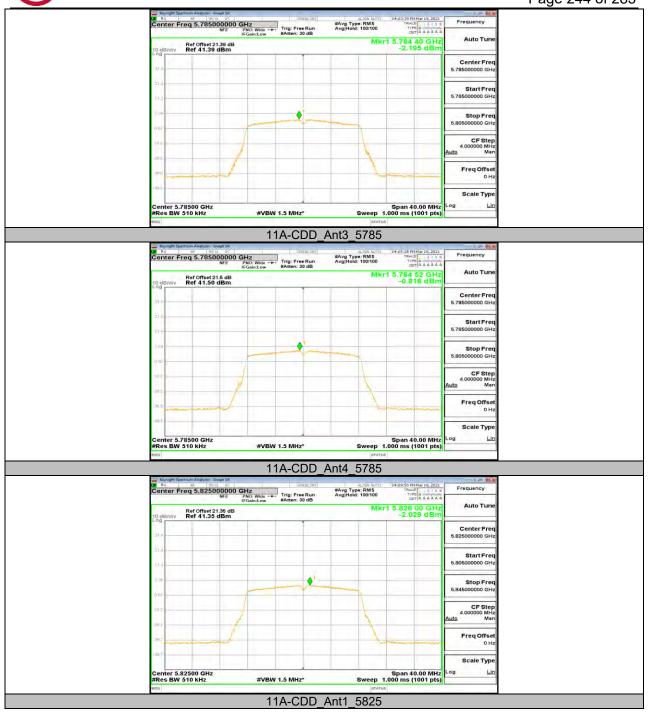




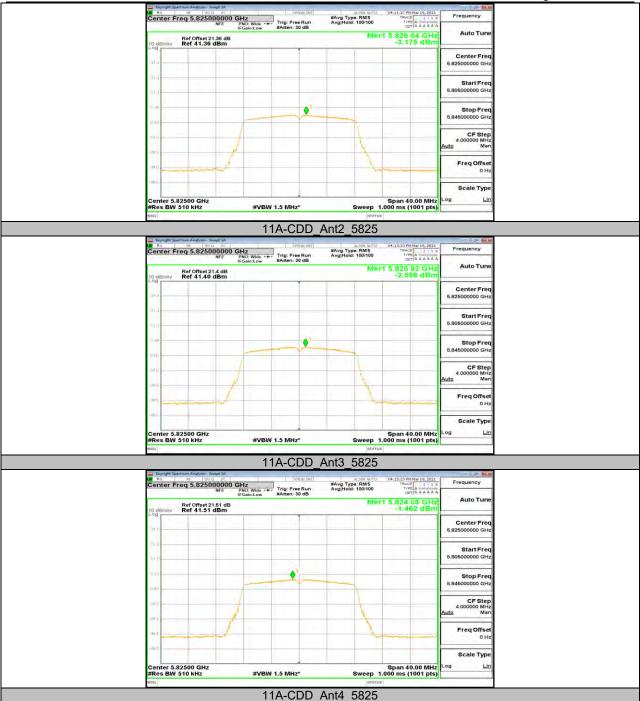
Engle Section Response From the Section Property Section From the Section #Avg Type: RMS Avg[Hold: 100/100 Mkr1 5,745 80 GHz -0.856 dBm Ref Offset 21.51 dB Ref 41.51 dBm Center Free Span 40.00 MHz Sweep 1.000 ms (1001 pts) #VBW 1.5 MHz* 11A-CDD_Ant4_5745 #Avg Type: RMS Avg[Hold: 100/100 Auto Tur Mkr1 5.785 84 GHz -1.285 dBm Ref Offset 21.35 dB Ref 41.35 dBm Start Fre nter 5.78500 GHz es BW 510 kHz #VBW 1.5 MHz* 11A-CDD Ant1 5785 © Key opt Settlemanage | Set Opt | TRALE 3 3 3 TYPE A A A A A A A Frequency #Avg Type: RMS Avg[Hold: 100/100 Mkr1 5.784 12 GH: -2.530 dBn Auto Tur Ref Offset 21.35 dB Ref 41.35 dBm Center Free 5.785000000 GHz Start Free Freq Offse Scale Typ Span 40.00 MHz Sweep 1.000 ms (1001 pts) #VBW 1.5 MHz* 11A-CDD Ant2 5785



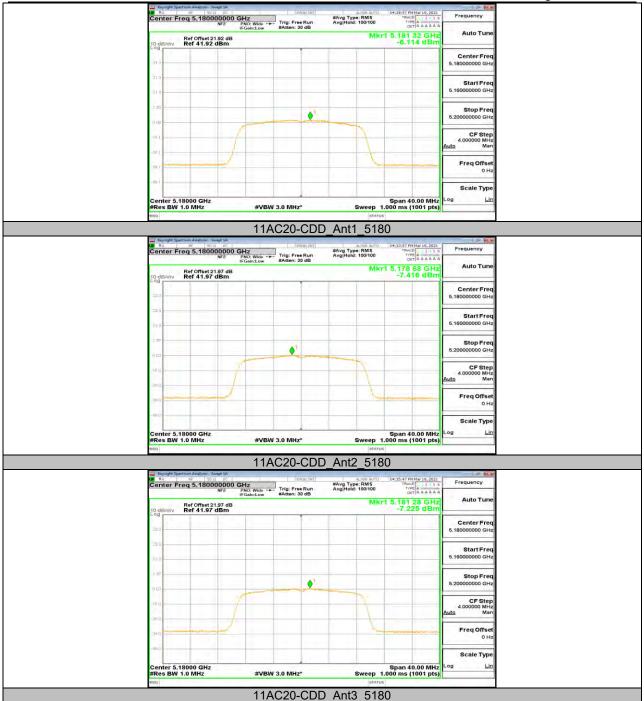
Page 244 of 283







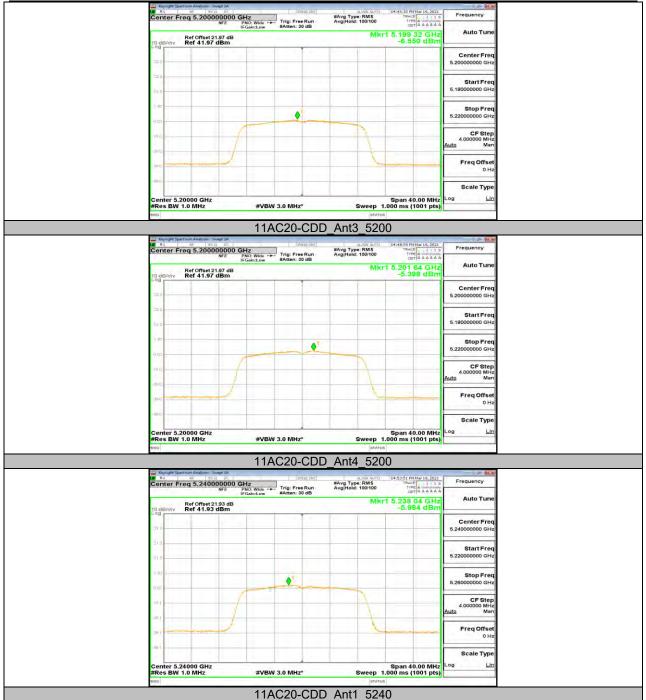




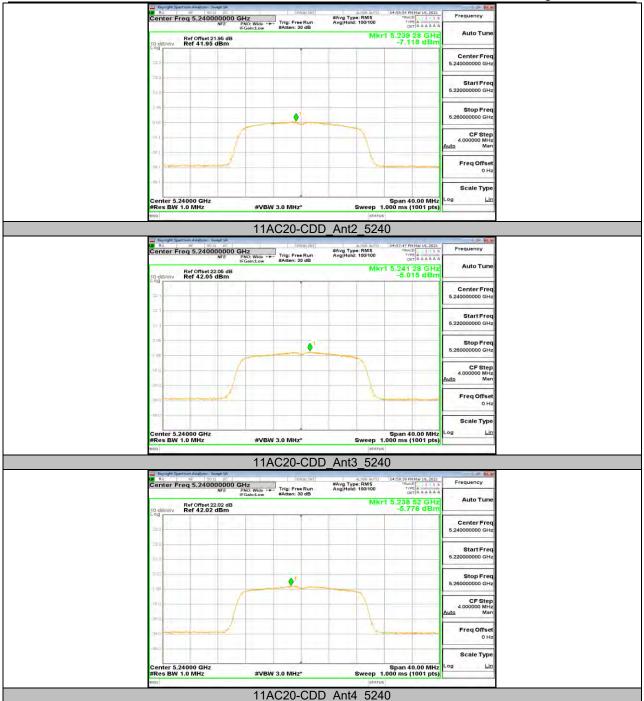














Page 250 of 283 Fig. 90 Section Among the Section of the Section o #Avg Type: RMS Avg|Hold: 100/100 DET A A A A A Mkr1 5.257 56 GHz 0.195 dBm Ref Offset 21.92 dB Ref 41.92 dBm Center Fre Span 40.00 MHz Sweep 1.000 ms (1001 pts) #VBW 3.0 MHz* 11AC20-CDD_Ant1_5260 Republishment Angeles and Section 1 Section 2012 Center Freq 5,260000000 GHz

Center Freq 5,260000000 GHz

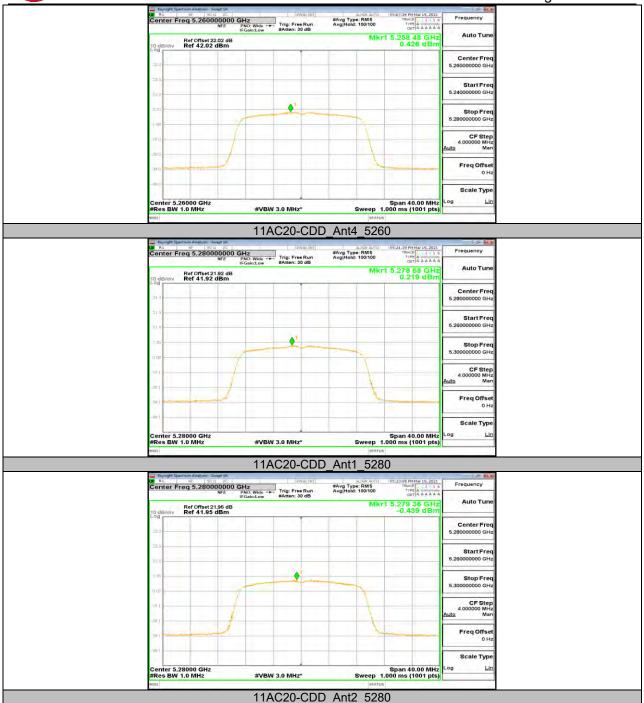
NFE Philip Vide - Frig. Free Run
PAtten: 30 dB #Avg Type: RMS Avg|Hold: 100/100 Auto Tur Ref Offset 21.95 dB Ref 41.95 dBm Start Fre Scale Type #VBW 3.0 MHz* 11AC20-CDD Ant2 5260 32 PM Mar 19, 2021 TRALE TYPE A A A A A A Center Freq 5.260000000 GHz

NFE PNO: Wide Figure 10 dB Frequency #Avg Type: RMS Avg|Hold: 100/100 Auto Tun Mkr1 5.257 20 GH; 1,693 dBn Ref Offset 22.05 dB Ref 42.05 dBm **•**¹ Freq Offse Scale Typ

11AC20-CDD Ant3 5260

Span 40.00 MHz Sweep 1.000 ms (1001 pts)



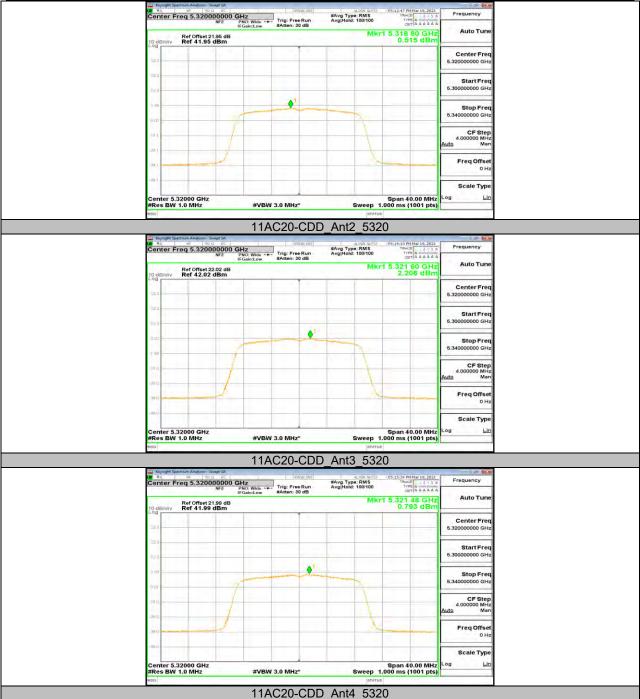




Legy of Section Analysis and Legy of Section #Avg Type: RMS Avg|Hold: 100/100 Mkr1 5.278 64 GHz 2.363 dBm Ref Offset 22.02 dB Ref 42.02 dBm Center Fre • Span 40.00 MHz Sweep 1.000 ms (1001 pts) #VBW 3.0 MHz* 11AC20-CDD_Ant3_5280 Republishment Application | Section 6:24 PM May 19, 2021 TRALE 13 - 3 : TYPE A DET A A A A A #Avg Type: RMS Avg|Hold: 100/100 Auto Tur Mkr1 5.281 56 GHz 0.266 dBm Ref Offset 22.02 dB Ref 42.02 dBm Start Fre Scale Type enter 5.28000 GHz Res BW 1.0 MHz #VBW 3.0 MHz* 11AC20-CDD Ant4 5280 TRALE 3 3 3 TYPE A A A A A A A Center Freq 5.320000000 GHz

NFE PNO: Wide FGain:Low #Atten: 30 dB Frequency #Avg Type: RMS Avg[Hold: 100/100 Auto Tun Mkr1 5.321 56 GH: 0.045 dBn Ref Offset 21.92 dB Ref 41.92 dBm Start Free Freq Offse Scale Typ Span 40.00 MHz Sweep 1.000 ms (1001 pts) 11AC20-CDD Ant1 5320





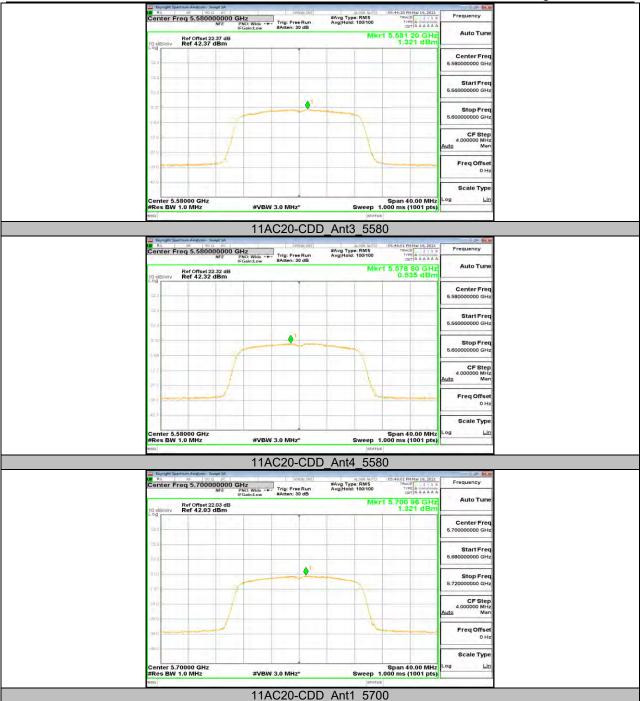


#Avg Type: RMS Avg|Hold: 100/100 DET A A A A A Mkr1 5.499 20 GHz 1.273 dBm Ref Offset 21.93 dB Ref 41.93 dBm Center Fre Span 40.00 MHz Sweep 1.000 ms (1001 pts) #VBW 3.0 MHz* 11AC20-CDD_Ant1_5500 Reference Service Analysis of the Reference Service Office of the Reference Office Off #Avg Type: RMS Avg[Hold: 100/100 Auto Tur Mkr1 5.501 12 GHz -0.248 dBm Ref Offset 21.95 dB Ref 41.95 dBm Start Fre #VBW 3.0 MHz* 11AC20-CDD Ant2 5500 K₁ y₂ y₃ to get to the state of the s TRALE 3 3 3 TYPE A A A A A A Frequency #Avg Type: RMS Avg|Hold: 100/100 Auto Tur Mkr1 5.501 56 GH: 0,266 dBn Ref Offset 21.95 dB Ref 41.95 dBm Start Free Freq Offse Scale Typ Span 40.00 MHz Sweep 1.000 ms (1001 pts) 11AC20-CDD Ant3 5500



English Section Allows Section 2010 UC Section #Avg Type: RMS Avg|Hold: 100/100 DET A A A A A Mkr1 5.499 12 GHz 1.414 dBm Ref Offset 22.01 dB Ref 42.01 dBm Center Fre Span 40.00 MHz Sweep 1.000 ms (1001 pts) #VBW 3.0 MHz* 11AC20-CDD_Ant4_5500 Report Settler Angeles up to the Report of t 11:14 PM Mar 19, 2021 TRACE TYPE A A A A A A #Avg Type: RMS Avg[Hold: 100/100 Mkr1 5.579 12 GHz 1.053 dBm Auto Tur Ref Offset 22.23 dB Ref 42.23 dBm Start Fre enter 5.58000 GHz Res BW 1.0 MHz #VBW 3.0 MHz* 11AC20-CDD Ant1 5580 NFE PROJECT SAND BE NOT DE PRO; Wilda → Trig: Free Run (Frein Communication of the Communica TRALE 3 3 3 TYPE A A A A A A Frequency #Avg Type: RMS Avg|Hold: 100/100 Auto Tur Mkr1 5.581 32 GH: 0,648 dBn Ref Offset 22.39 dB Ref 42.39 dBm Start Free Freq Offse Scale Typ Span 40.00 MHz Sweep 1.000 ms (1001 pts) 11AC20-CDD Ant2 5580







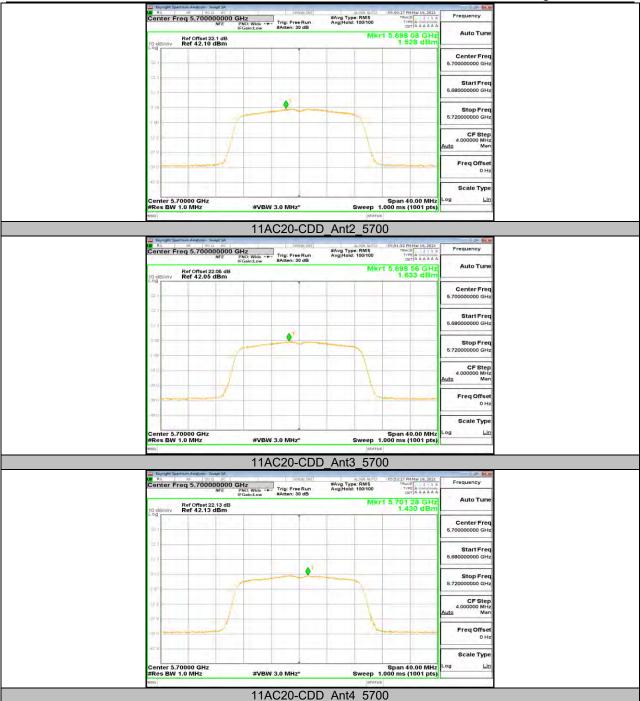
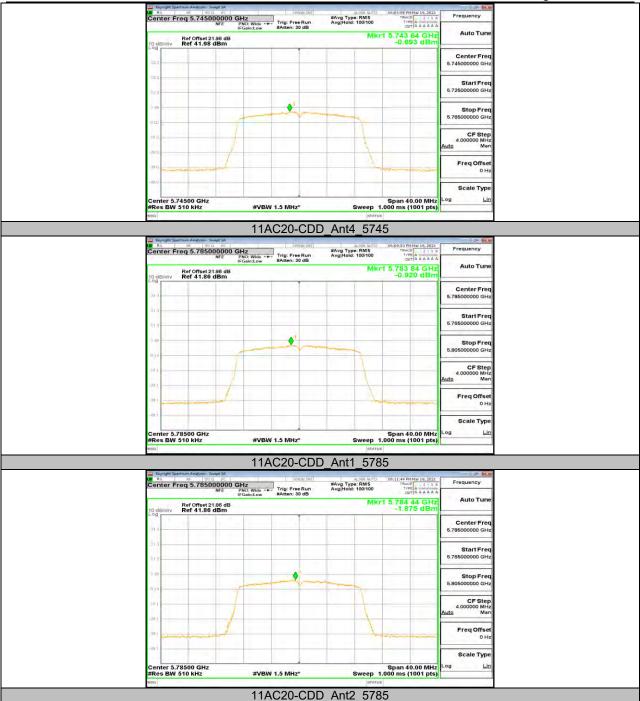




Fig. 90 Settle Among to 190 DC B At a 190 D #Avg Type: RMS Avg[Hold: 100/100 DET A A A A A Mkr1 5.743 88 GHz -1.835 dBm Ref Offset 21.86 dB Ref 41.86 dBm Center Free Span 40.00 MHz Sweep 1.000 ms (1001 pts) #VBW 1.5 MHz* 11AC20-CDD_Ant1_5745 Republishment Application | Section 02:21 PMMar 19, 2021 TRACE 3 - 5 - 5 TYPE A A A A A A #Avg Type: RMS Avg[Hold: 100/100 Mkr1 5.746 48 GHz -1.493 dBm Auto Tur Ref Offset 21.86 dB Ref 41.86 dBm Start Fre enter 5.74500 GHz Res BW 510 kHz #VBW 1.5 MHz* 11AC20-CDD Ant2 5745 © Key op Det | Serosam | OB PM May 19, 2021 TRACE 33 5 5 TYPE A A A A A A A Frequency #Avg Type: RMS Avg[Hold: 100/100 Auto Tun Ref Offset 21.9 dB Ref 41.90 dBm Center Free 5.745000000 GHz Freq Offse Scale Typ Span 40.00 MHz Sweep 1.000 ms (1001 pts) #VBW 1.5 MHz* 11AC20-CDD Ant3 5745







Page 260 of 283 Fig. 900 DC DC BRIDGE STATE S #Avg Type: RMS Avg[Hold: 100/100 DET A A A A A Mkr1 5.784 52 GHz -1.760 dBm Ref Offset 21.87 dB Ref 41.87 dBm Center Fre Span 40.00 MHz Sweep 1.000 ms (1001 pts) #VBW 1.5 MHz* 11AC20-CDD_Ant3_5785 Republishment Angelogy (Conter Freq 5.785000000 GHz

Republishment Freq 5.785000000 GHz

NFE Philipmin Market 30 dB 5:24 PM May 19, 2021 TRALE 1 3 - 5 1 TYPE A DET A A A A A #Avg Type: RMS Avg[Hold: 100/100 Mkr1 5,783 92 GHz -0,599 dBm Auto Tur Ref Offset 22.02 dB Ref 42.02 dBm Start Fre enter 5.78500 GHz Res BW 510 kHz #VBW 1.5 MHz* 11AC20-CDD Ant4 5785 S4 PM Mar 19, 2021 TRALE 3 3 3 TYPE A A A A A A Rt NF 50 0 DC SENSEIN:

Center Freq 5.825000000 GHz

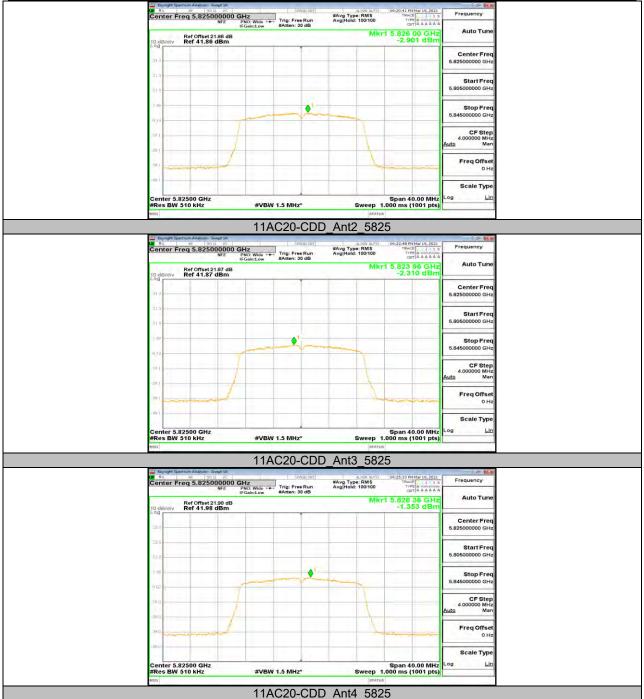
NFE PNO: Wide PNO: Wide Atten: 30 dB Frequency #Avg Type: RMS Avg[Hold: 100/100 Auto Tun Mkr1 5.823 64 GH: -1.305 dBn Ref Offset 21.83 dB Ref 41.83 dBm Start Free Freq Offse Scale Typ

#VBW 1.5 MHz*

11AC20-CDD Ant1 5825

Span 40.00 MHz Sweep 1.000 ms (1001 pts)











Engle Section Report Section 2 | Section 3 | Section #Avg Type: RMS Avg[Hold: 100/100 Mkr1 5.186 24 GHz -7.528 dBm Ref Offset 22.43 dB Ref 42.43 dBm Center Fre • Span 80.00 MHz Sweep 1.000 ms (1001 pts) #VBW 3.0 MHz* 11AC40-CDD_Ant4_5190 Republishment Application | Section #Avg Type: RMS Avg[Hold: 100/100 Mkr1 5.228 00 GHz -8.390 dBm Auto Tur Ref Offset 22.4 dB Ref 42.40 dBm Start Fre #VBW 3.0 MHz* 11AC40-CDD Ant1 5230 © Key op Det | Serosam | TRALE 3 3 3 TYPE A A A A A A A Frequency #Avg Type: RMS Avg[Hold: 100/100 Auto Tun Mkr1 5.233 68 GH: -9,696 dBn Ref Offset 22.44 dB Ref 42.44 dBm Start Free Freq Offse Scale Typ Span 80.00 MHz Sweep 1.000 ms (1001 pts) 11AC40-CDD Ant2 5230



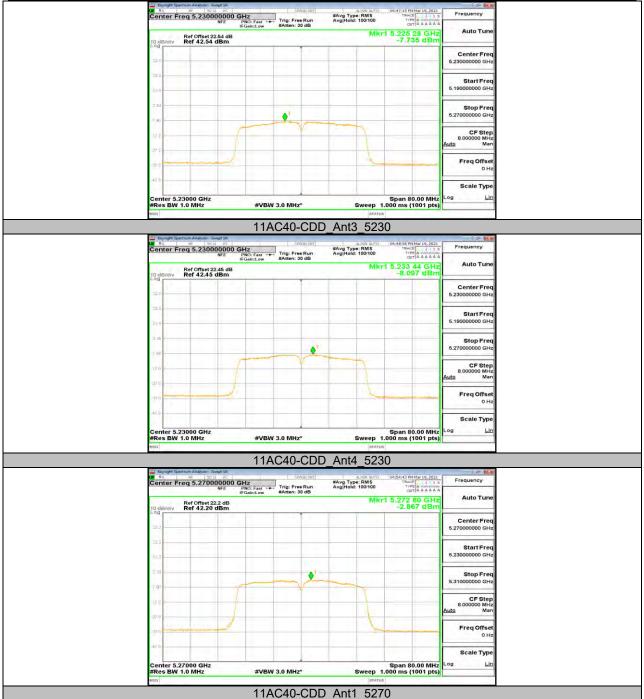
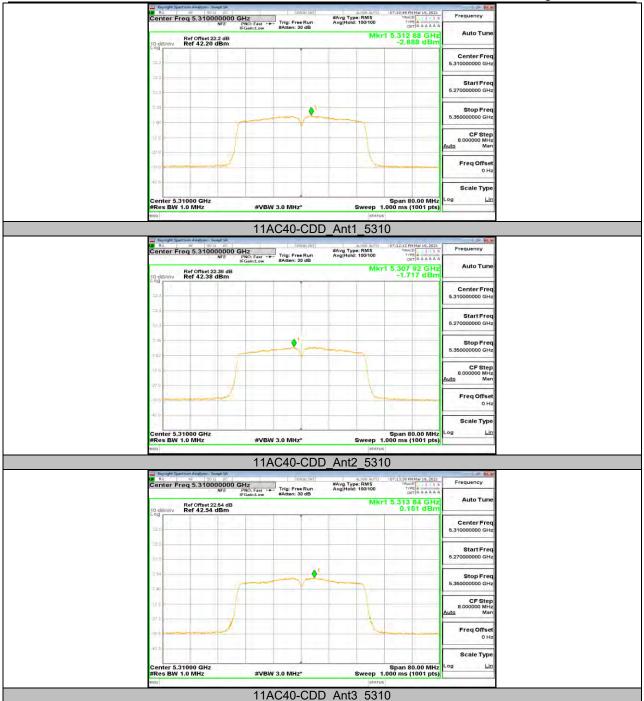


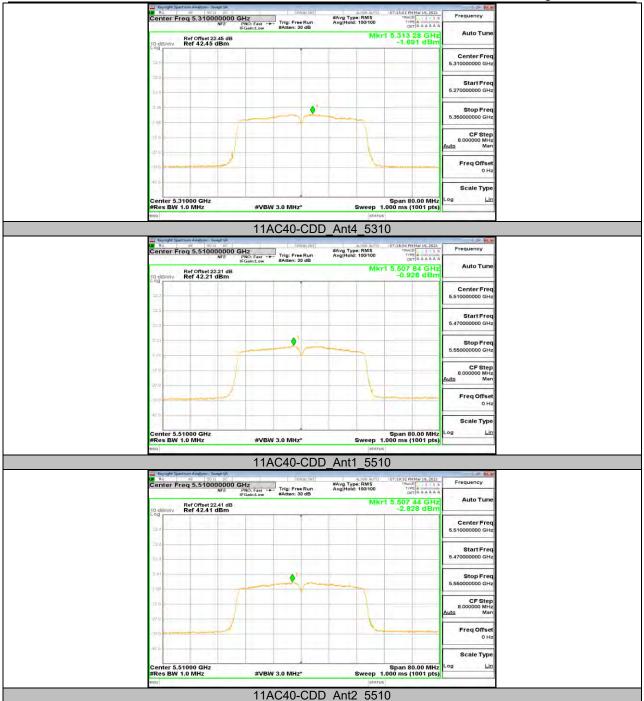


Fig. 90 Sether Among 1900 DC 2 Rt 2 PNC: Fast → Fig. Free Run (Fdaint.ow #Atten: 30 dB #Avg Type: RMS Avg[Hold: 100/100 DET A A A A A Mkr1 5.267 60 GHz -2.713 dBm Ref Offset 22.39 dB Ref 42.39 dBm Center Fre Span 80.00 MHz Sweep 1.000 ms (1001 pts) #VBW 3.0 MHz* 11AC40-CDD_Ant2_5270 Received Section Analysis of the Received Section Content of t #Avg Type: RMS Avg[Hold: 100/100 Mkr1 5.267 60 GHz -0.276 dBm Auto Tur Ref Offset 22.54 dB Ref 42.54 dBm Start Fre Scale Type Center 5.27000 GHz #VBW 3.0 MHz* 11AC40-CDD Ant3 5270 © Rt. RF DO DE SERVESION DE SE OS FM May 19, 2021 TRACE 33 5 5 TYPE A A A A A A Frequency #Avg Type: RMS Avg[Hold: 100/100 Auto Tun Mkr1 5.267 44 GH: -2.233 dBn Ref Offset 22.46 dB Ref 42.46 dBm Freq Offse Scale Typ Span 80.00 MHz Sweep 1.000 ms (1001 pts) 11AC40-CDD Ant4 5270

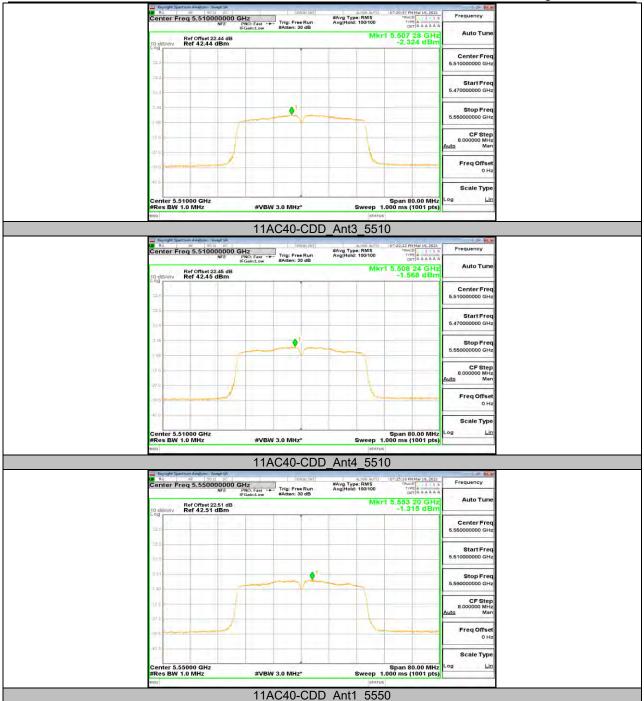




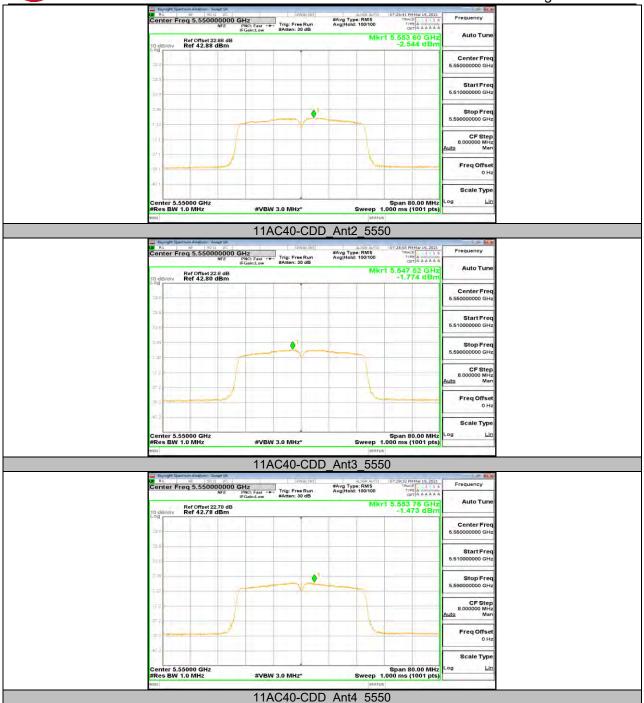




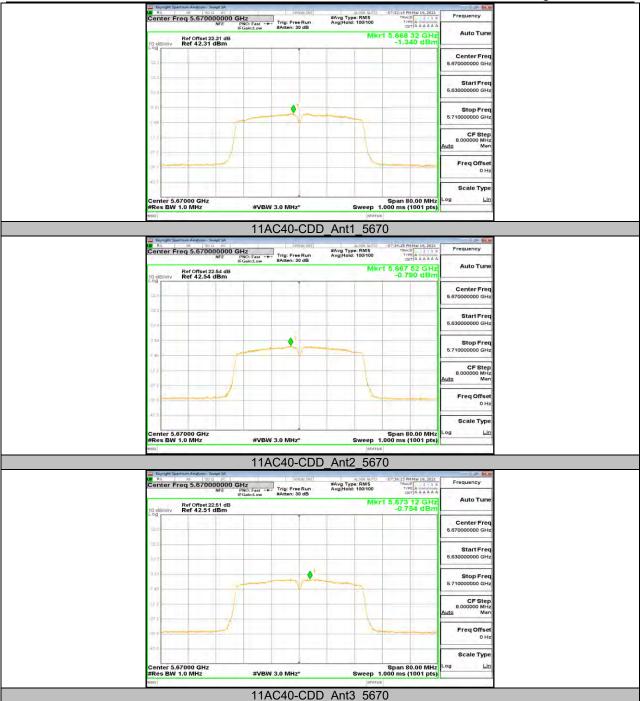




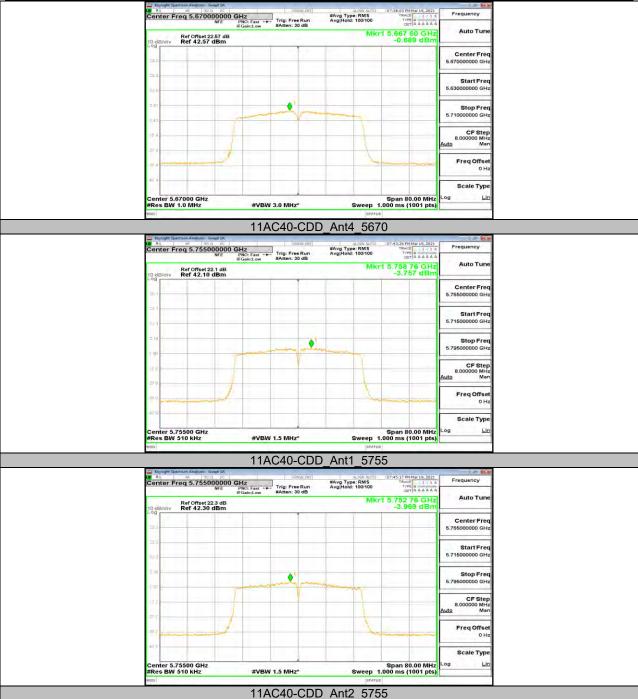




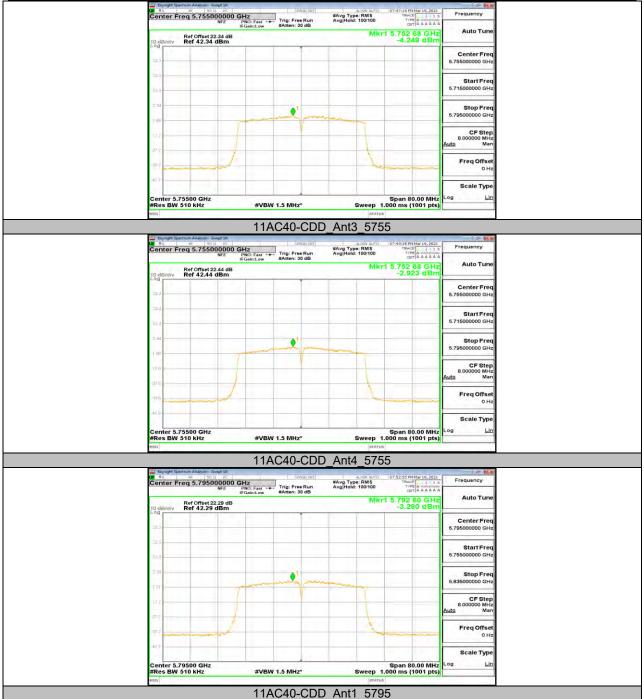














#Avg Type: RMS Avg[Hold: 100/100 DET A A A A A Mkr1 5,788 92 GHz -4,443 dBm Ref Offset 22.29 dB Ref 42.29 dBm Center Fre Span 80.00 MHz Sweep 1.000 ms (1001 pts) #VBW 1.5 MHz* 11AC40-CDD_Ant2_5795 Republishment Application | Section #Avg Type: RMS Avg[Hold: 100/100 Mkr1 5,797 64 GHz -3,967 dBm Auto Tur Ref Offset 22.39 dB Ref 42.39 dBm Start Fre Scale Type Center 5.79500 GHz Res BW 510 kHz #VBW 1.5 MHz* 11AC40-CDD Ant3 5795 © Rt. RF 90 0 0 0 C

Center Freq 5.795000000 GHz

NFE PNO: Faat → Stroken. So dB

Arten: 30 dB 58:51 PM Mar 19, 2021 TRALE 3 - 5 - 5 TYPE A A A A A A Frequency #Avg Type: RMS Avg[Hold: 100/100 Auto Tun Mkr1 5.792 84 GH: -3.141 dBn Ref Offset 22.44 dB Ref 42.44 dBm Freq Offse Scale Typ Span 80.00 MHz Sweep 1.000 ms (1001 pts) 11AC40-CDD Ant4 5795









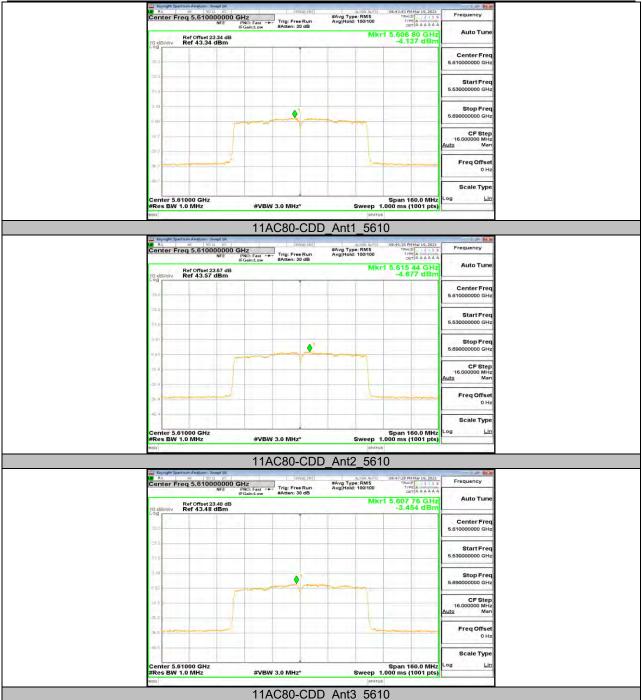








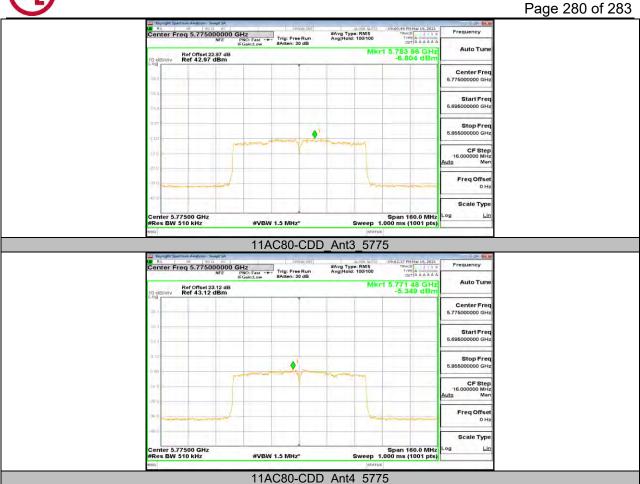














12.6. Appendix D: Duty Cycle 12.6.1. Test Result

Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A-CDD	1.39	1.45	0.9586	95.86	0.18	0.72	1
11AC20-CDD	0.37	0.43	0.8605	86.05	0.65	2.70	3
11AC40-CDD	0.21	0.26	0.8077	80.77	0.93	4.76	5
11AC80-CDD	0.12	0.18	0.6667	66.67	1.76	8.33	10

Note:

Duty Cycle Correction Factor=10log (1/x).

Where: x is Duty Cycle (Linear)

Where: T is On Time

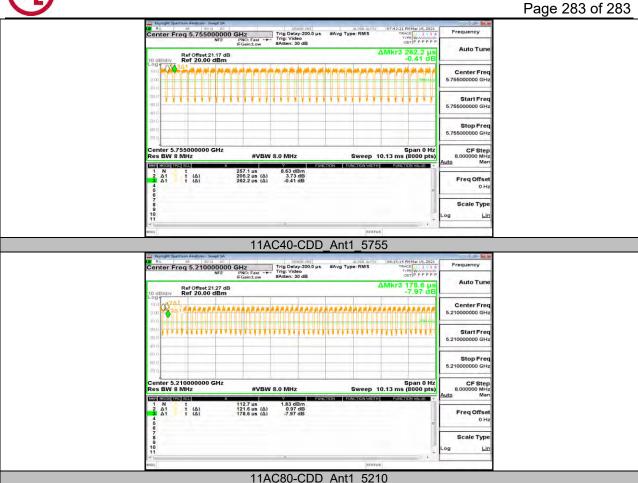
If that calculated VBW is not available on the analyzer then the next higher value should be used.



12.6.2. Test Graphs







END OF REPORT