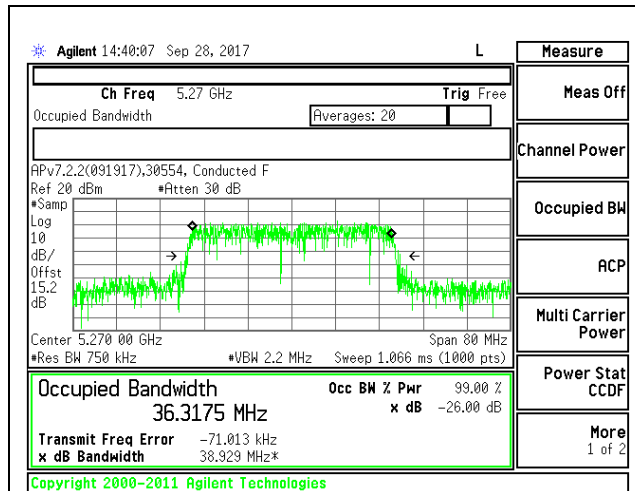


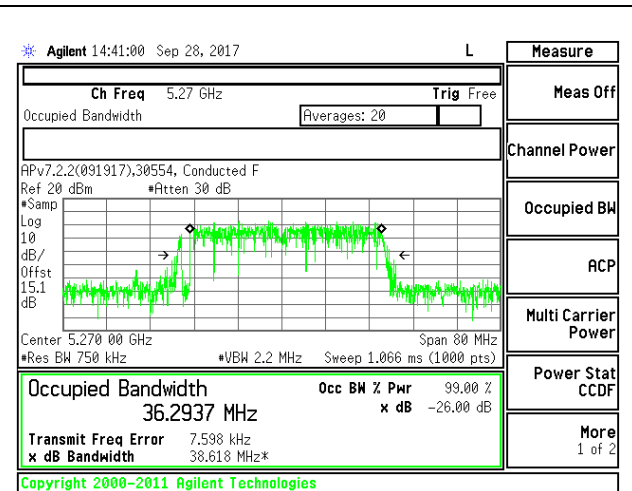
**3TX Antenna WF4 + Antenna WF3 + Antenna WF2 BF Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5270	36.3180	36.2940	36.3700
High	5310	36.0800	38.3080	34.5900

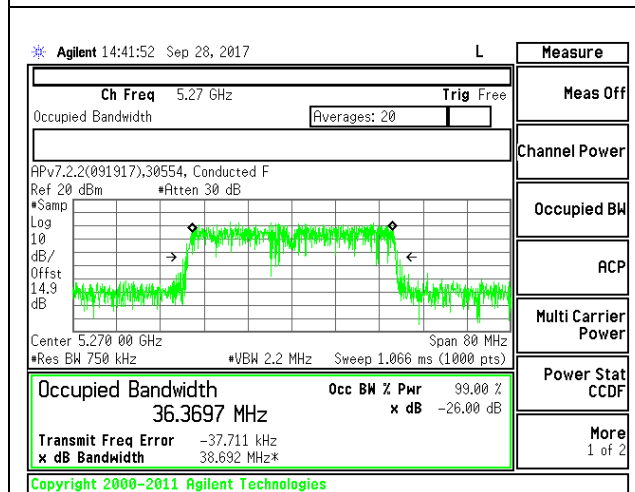
**LOW CHANNEL**



**LOW CHANNEL WF4**

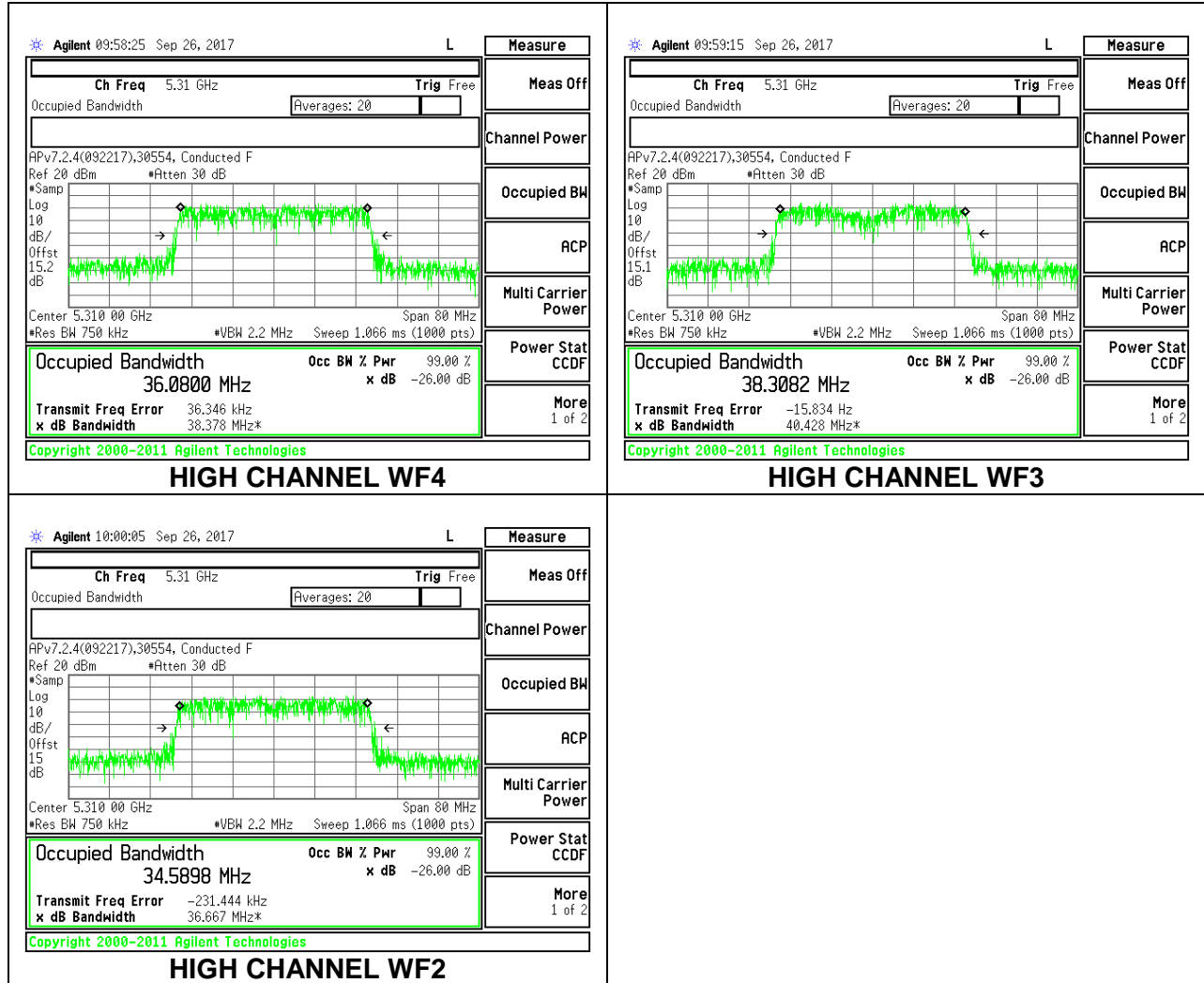


**LOW CHANNEL WF3**



**LOW CHANNEL WF2**

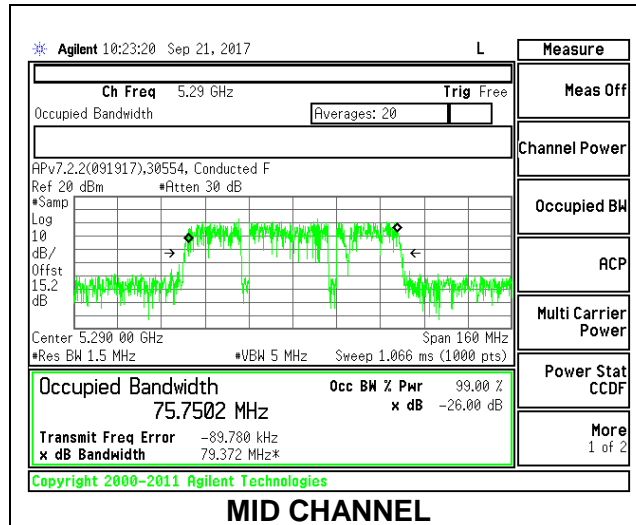
### HIGH CHANNEL



**4.3.6. 802.11ac VHT80 MODE IN THE 5.3 GHz BAND**

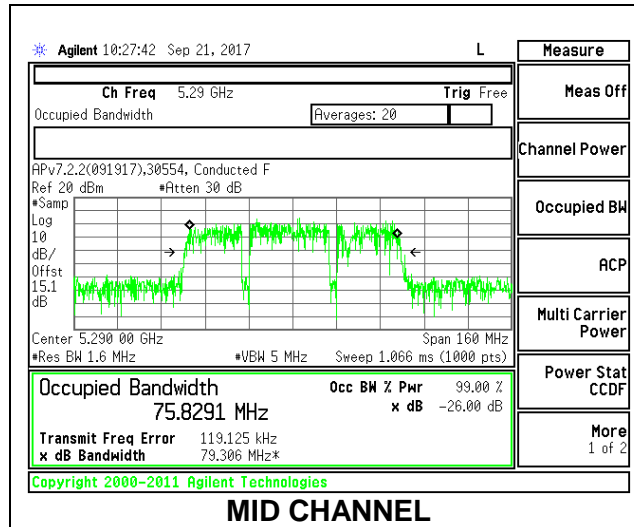
**1TX Antenna WF4**

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5290	75.7500



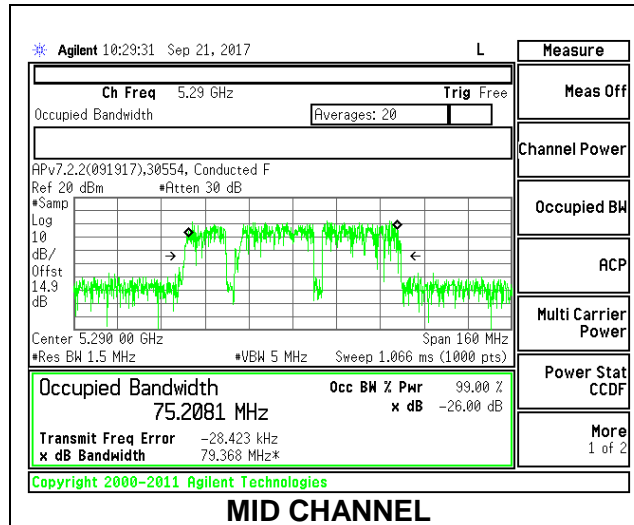
**1TX Antenna WF3**

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5290	75.8290



**1TX Antenna WF2**

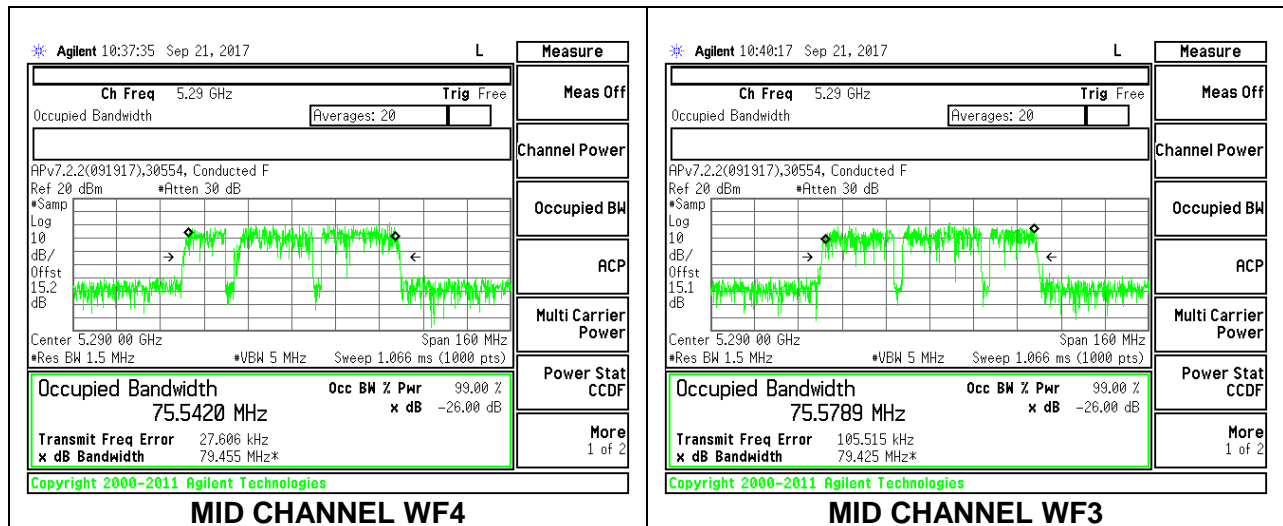
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5290	75.2080



**2TX Antenna WF4 + Antenna WF3 CDD Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)
Mid	5290	75.5420	75.5790

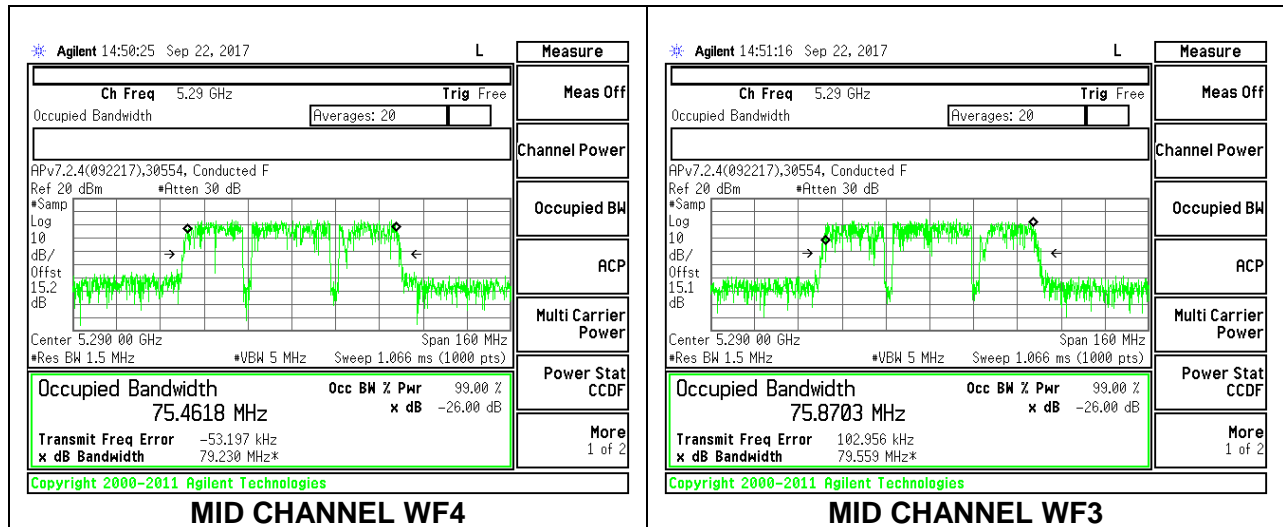
**MID CHANNEL**



**2TX Antenna WF4 + Antenna WF3 SDM Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)
Mid	5290	75.4620	75.8700

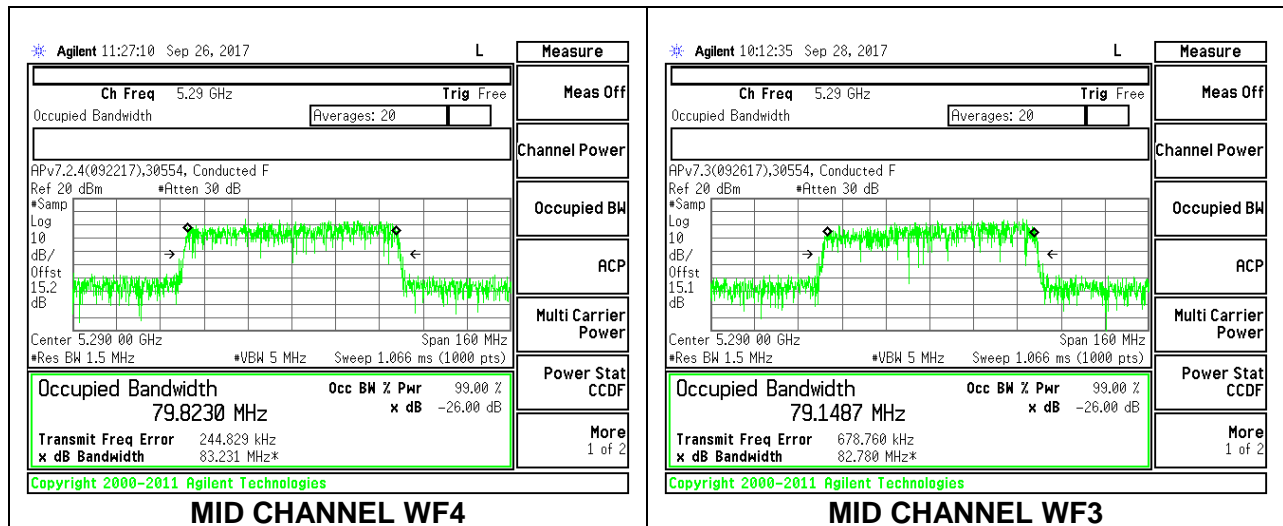
**MID CHANNEL**



**2TX Antenna WF4 + Antenna WF3 BF Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)
Mid	5290	79.8230	79.1487

**MID CHANNEL**

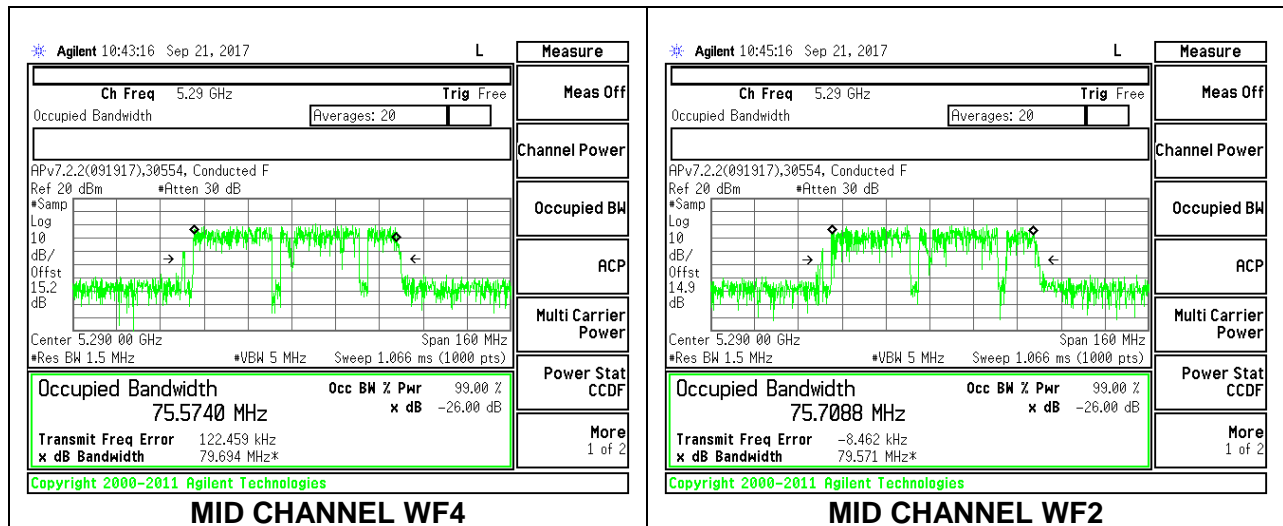




**2TX Antenna WF4 + Antenna WF2 CDD Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Mid	5290	75.5740	75.7090

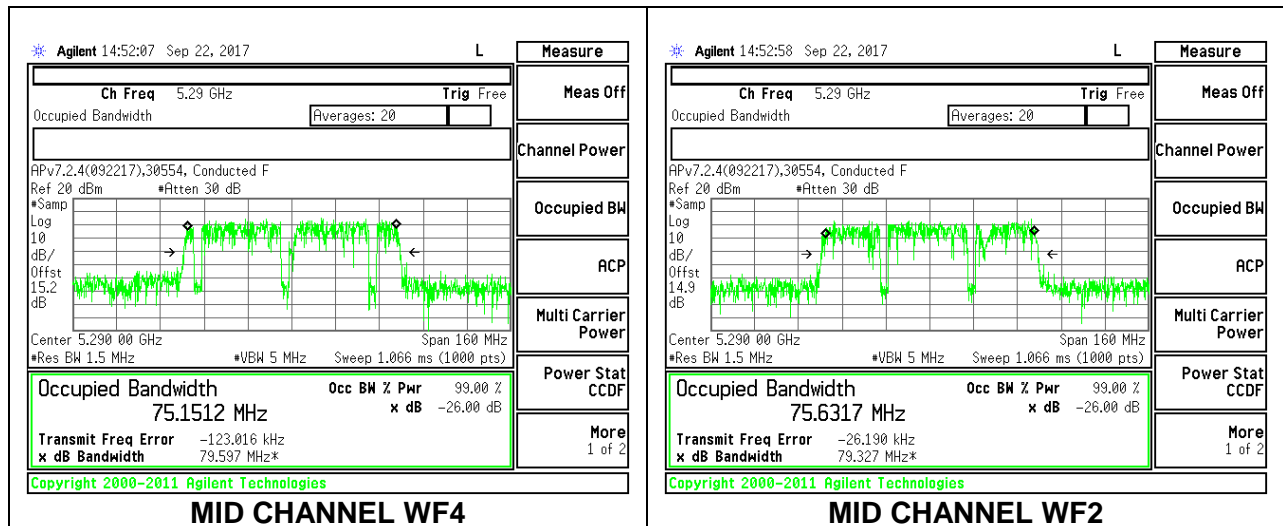
**MID CHANNEL**



**2TX Antenna WF4 + Antenna WF2 SDM Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Mid	5290	75.1510	75.6320

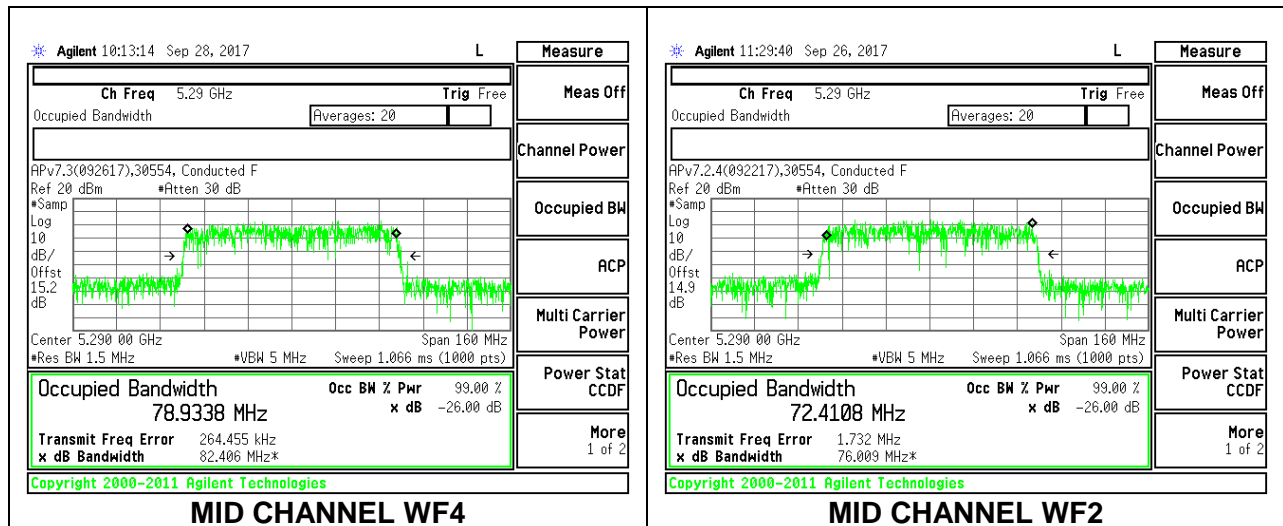
**MID CHANNEL**



**2TX Antenna WF4 + Antenna WF2 BF Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Mid	5290	85.6540	72.4110

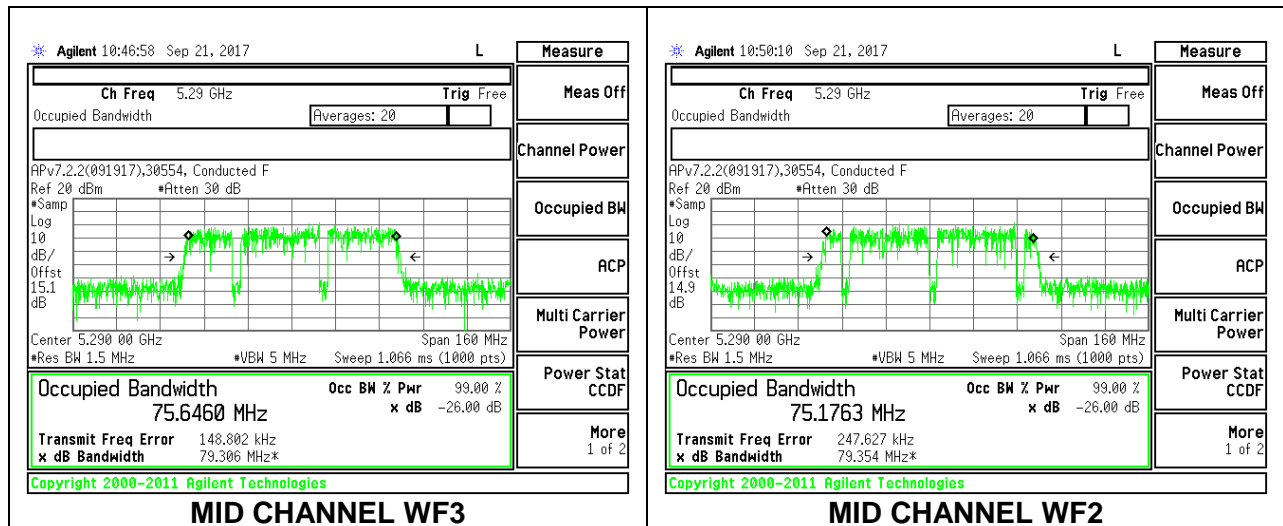
**MID CHANNEL**



**2TX Antenna WF3 + Antenna WF2 CDD Mode**

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Mid	5290	75.6460	75.1760

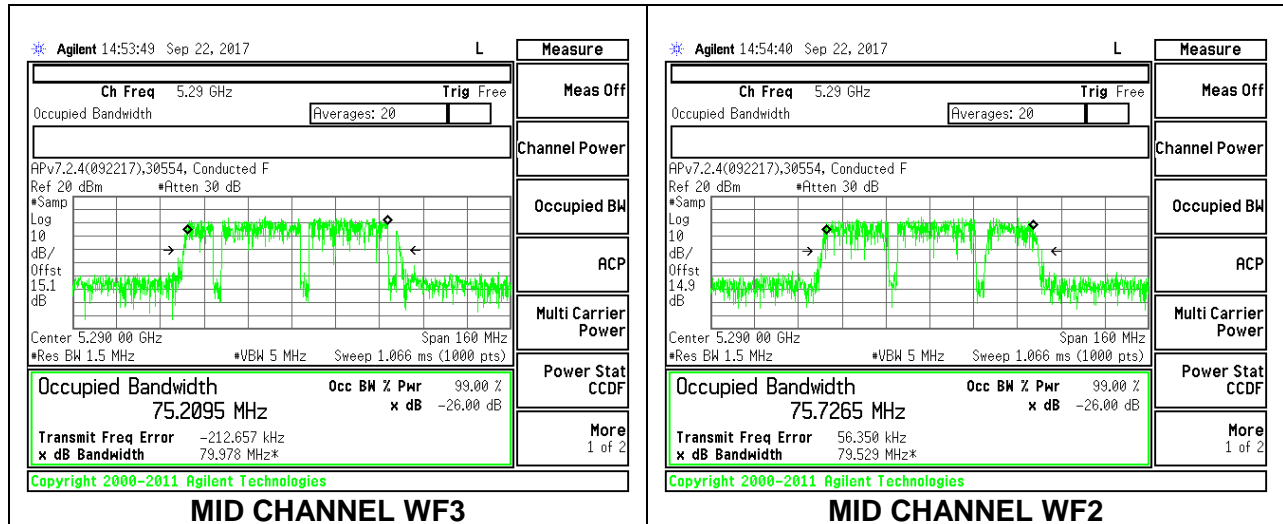
**MID CHANNEL**



**2TX Antenna WF3 + Antenna WF2 SDM Mode**

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Mid	5290	75.2095	75.7265

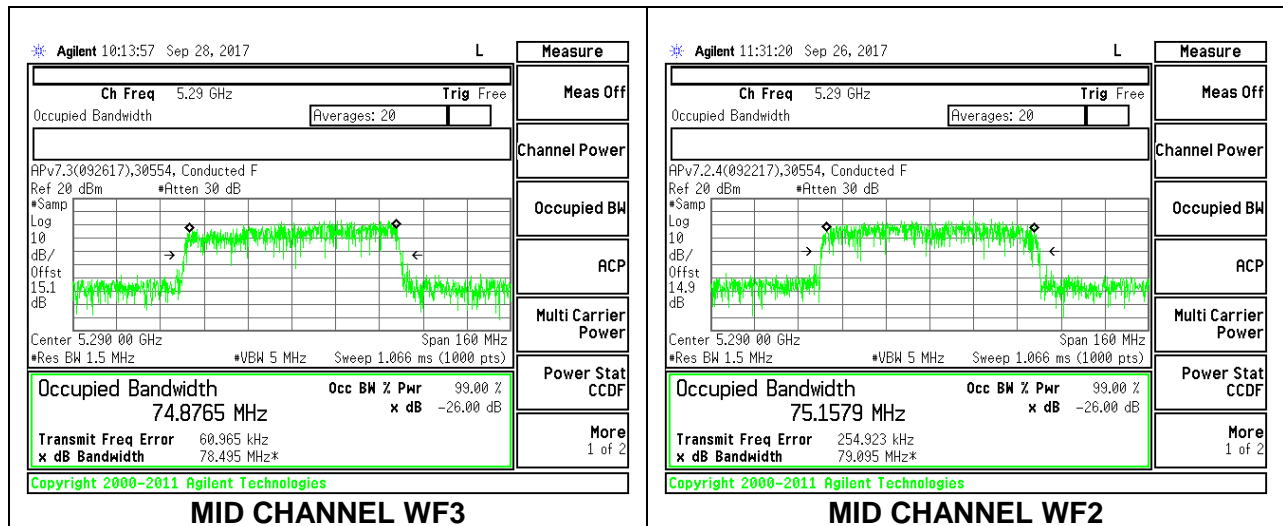
**MID CHANNEL**



**2TX Antenna WF3 + Antenna WF2 BF Mode**

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Mid	5290	74.8765	75.1579

**MID CHANNEL**



**3TX Antenna WF4 + Antenna WF3 + Antenna WF2 CDD Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Mid	5290	75.5880	75.4020	75.6660

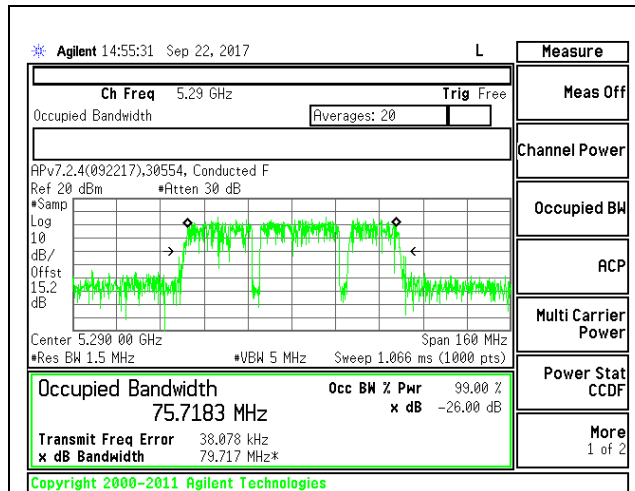
**MID CHANNEL**

<p>Agilent 10:54:40 Sep 21, 2017</p> <p>Ch Freq 5.29 GHz Trig Free</p> <p>Occupied Bandwidth Averages: 20</p> <p>APv7.2.2(091917),30554, Conducted F                  Ref 20 dBm #Atten 30 dB</p> <p>Center 5.290 00 GHz Span 160 MHz                  #Res BW 1.5 MHz #VBW 5 MHz Sweep 1.066 ms (1000 pts)</p> <p><b>Occupied Bandwidth</b> 75.5878 MHz                  Occ BW % Pwr 99.00 %                  x dB -26.00 dB</p> <p>Transmit Freq Error 86.121 kHz                  x dB Bandwidth 79.522 MHz*</p> <p>Copyright 2000-2011 Agilent Technologies</p> <p><b>MID CHANNEL WF4</b></p>	<p>Agilent 10:57:31 Sep 21, 2017</p> <p>Ch Freq 5.29 GHz Trig Free</p> <p>Occupied Bandwidth Averages: 20</p> <p>APv7.2.2(091917),30554, Conducted F                  Ref 20 dBm #Atten 30 dB</p> <p>Center 5.290 00 GHz Span 160 MHz                  #Res BW 1.5 MHz #VBW 5 MHz Sweep 1.066 ms (1000 pts)</p> <p><b>Occupied Bandwidth</b> 75.4021 MHz                  Occ BW % Pwr 99.00 %                  x dB -26.00 dB</p> <p>Transmit Freq Error -72.144 kHz                  x dB Bandwidth 79.573 MHz*</p> <p>Copyright 2000-2011 Agilent Technologies</p> <p><b>MID CHANNEL WF3</b></p>
<p>Agilent 11:07:06 Sep 21, 2017</p> <p>Ch Freq 5.29 GHz Trig Free</p> <p>Occupied Bandwidth Averages: 20</p> <p>APv7.2.2(091917),30554, Conducted F                  Ref 20 dBm #Atten 30 dB</p> <p>Center 5.290 00 GHz Span 160 MHz                  #Res BW 1.5 MHz #VBW 5 MHz Sweep 1.066 ms (1000 pts)</p> <p><b>Occupied Bandwidth</b> 75.6657 MHz                  Occ BW % Pwr 99.00 %                  x dB -26.00 dB</p> <p>Transmit Freq Error -108.462 kHz                  x dB Bandwidth 79.299 MHz*</p> <p>Copyright 2000-2011 Agilent Technologies</p> <p><b>MID CHANNEL WF2</b></p>	<p>Measure</p> <p>Meas Off</p> <p>Channel Power</p> <p>Occupied BW</p> <p>ACP</p> <p>Multi Carrier Power</p> <p>Power Stat CCDF</p> <p>More 1 of 2</p>

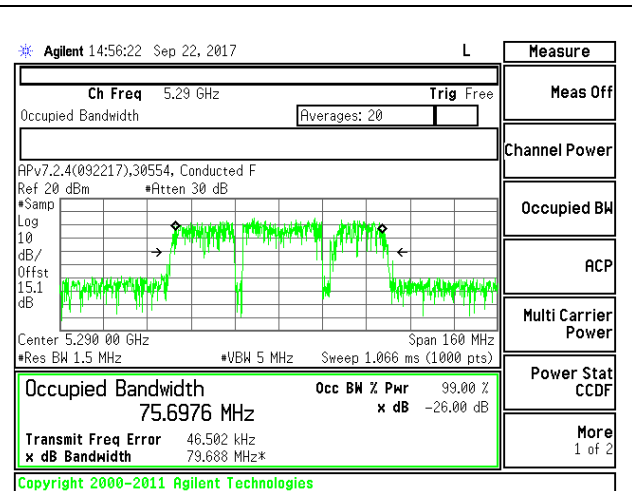
**3TX Antenna WF4 + Antenna WF3 + Antenna WF2 SDM Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Mid	5290	75.7180	75.6980	75.7330

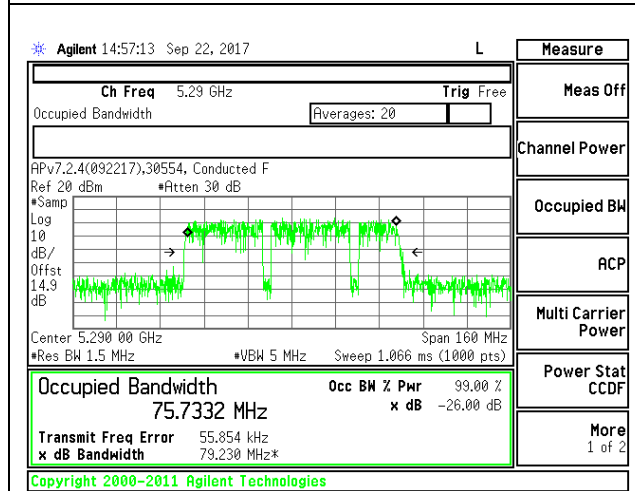
**MID CHANNEL**



**MID CHANNEL WF4**



**MID CHANNEL WF3**



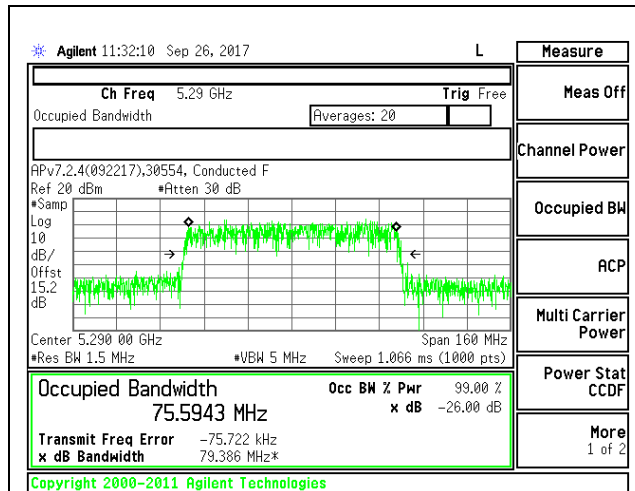
**MID CHANNEL WF2**



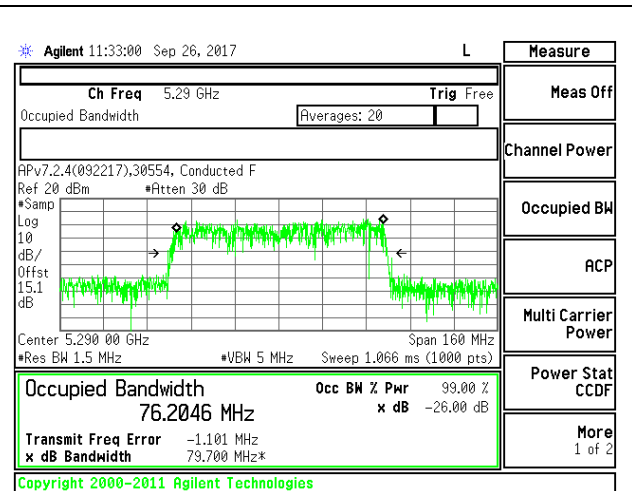
**3TX Antenna WF4 + Antenna WF3 + Antenna WF2 BF Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Mid	5290	75.5940	76.2050	65.9640

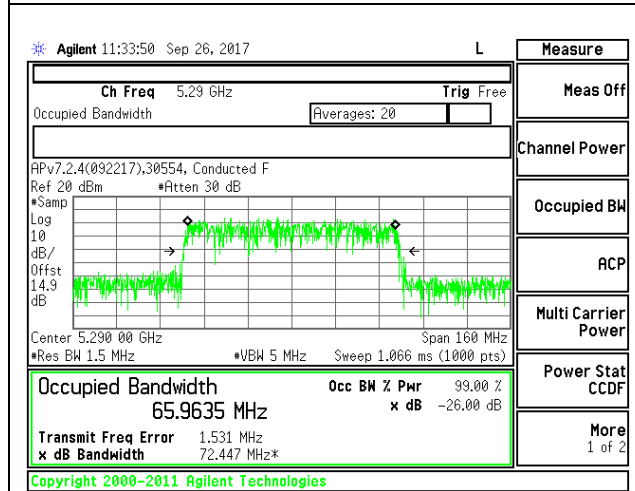
**MID CHANNEL**



**MID CHANNEL WF4**



**MID CHANNEL WF3**

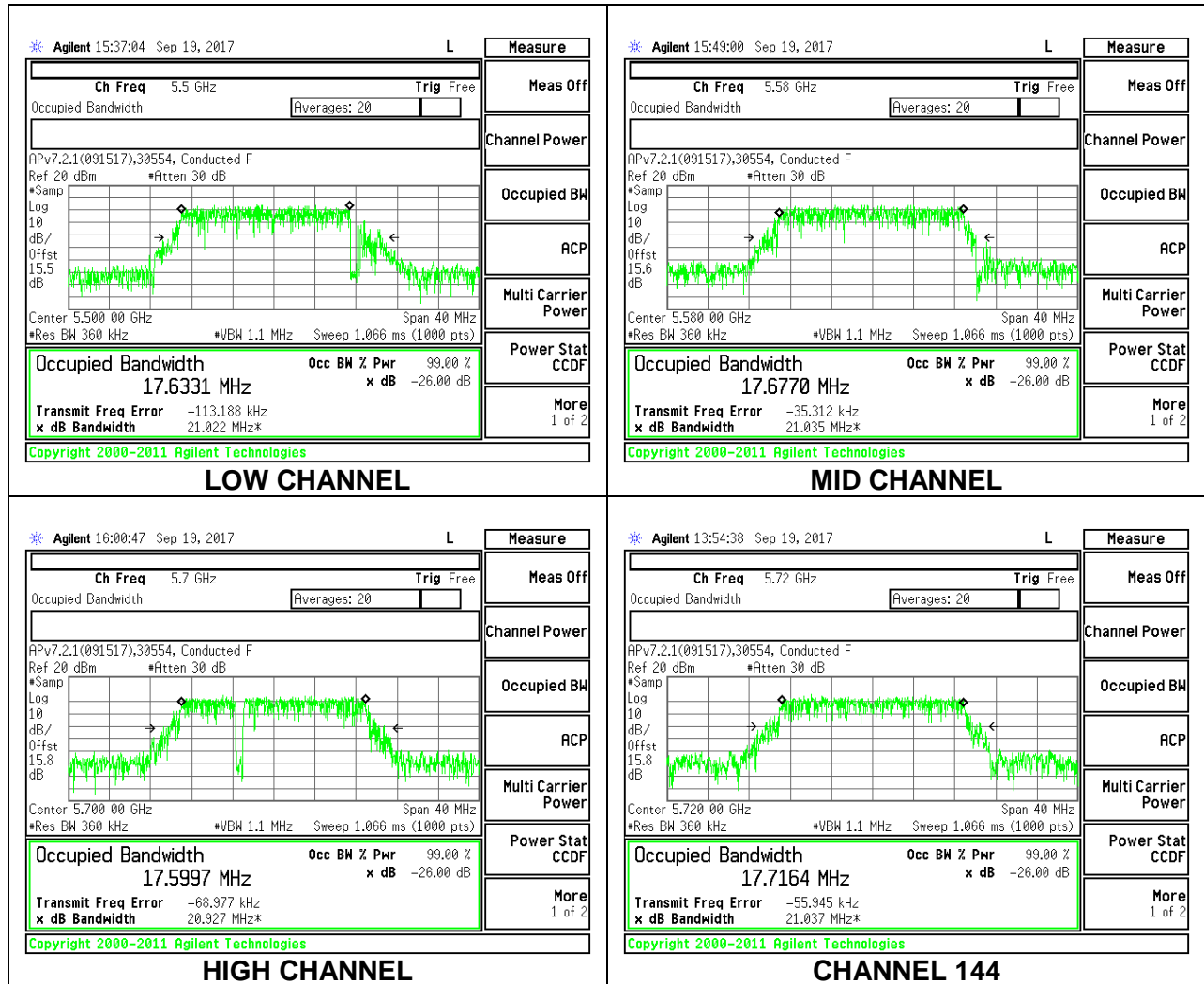


**MID CHANNEL WF2**

### 4.3.7. 802.11n HT20 MODE IN THE 5.6 GHz BAND

#### 1TX Antenna WF4

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5500	17.6330
Mid	5580	17.6770
High	5700	17.6000
144	5720	17.7160



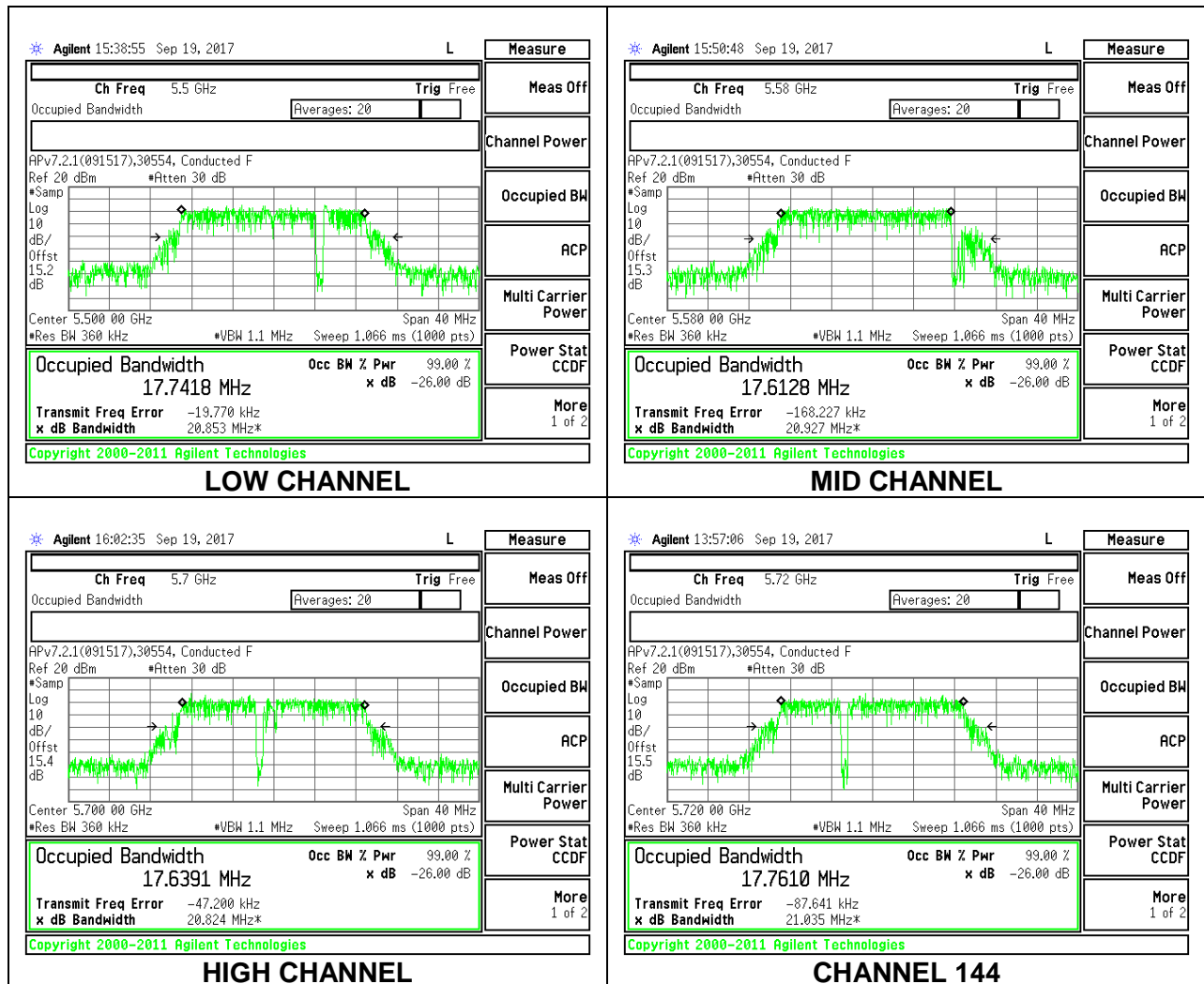
**1TX Antenna WF3**

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5500	17.6180
Mid	5580	17.6600
High	5700	17.7370
144	5720	17.7880

<p>* Agilent 15:38:00 Sep 19, 2017</p> <p>Ch Freq 5.5 GHz Trig Free</p> <p>Occupied Bandwidth Averages: 20</p> <p>APv7.2.1(091517),30554, Conducted F                  Ref 20 dBm *Atten 30 dB</p> <p>Center 5.500 00 GHz Span 40 MHz                  *Res BW 360 kHz *VBW 1.1 MHz Sweep 1.066 ms (1000 pts)</p> <p><b>Occupied Bandwidth</b> 17.6176 MHz                  Occ BW % Pwr 99.00 %                  x dB -26.00 dB</p> <p>Transmit Freq Error -46.745 kHz                  x dB Bandwidth 20.796 MHz*</p> <p>Copyright 2000-2011 Agilent Technologies</p> <p style="text-align: center;"><b>LOW CHANNEL</b></p>	<p>* Agilent 15:49:54 Sep 19, 2017</p> <p>Ch Freq 5.58 GHz Trig Free</p> <p>Occupied Bandwidth Averages: 20</p> <p>APv7.2.1(091517),30554, Conducted F                  Ref 20 dBm *Atten 30 dB</p> <p>Center 5.580 00 GHz Span 40 MHz                  *Res BW 360 kHz *VBW 1.1 MHz Sweep 1.066 ms (1000 pts)</p> <p><b>Occupied Bandwidth</b> 17.6596 MHz                  Occ BW % Pwr 99.00 %                  x dB -26.00 dB</p> <p>Transmit Freq Error -41.164 kHz                  x dB Bandwidth 20.783 MHz*</p> <p>Copyright 2000-2011 Agilent Technologies</p> <p style="text-align: center;"><b>MID CHANNEL</b></p>
<p>* Agilent 16:01:41 Sep 19, 2017</p> <p>Ch Freq 5.7 GHz Trig Free</p> <p>Occupied Bandwidth Averages: 20</p> <p>APv7.2.1(091517),30554, Conducted F                  Ref 20 dBm *Atten 30 dB</p> <p>Center 5.700 00 GHz Span 40 MHz                  *Res BW 360 kHz *VBW 1.1 MHz Sweep 1.066 ms (1000 pts)</p> <p><b>Occupied Bandwidth</b> 17.7371 MHz                  Occ BW % Pwr 99.00 %                  x dB -26.00 dB</p> <p>Transmit Freq Error -29.142 kHz                  x dB Bandwidth 21.091 MHz*</p> <p>Copyright 2000-2011 Agilent Technologies</p> <p style="text-align: center;"><b>HIGH CHANNEL</b></p>	<p>* Agilent 13:55:52 Sep 19, 2017</p> <p>Ch Freq 5.72 GHz Trig Free</p> <p>Occupied Bandwidth Averages: 20</p> <p>APv7.2.1(091517),30554, Conducted F                  Ref 20 dBm *Atten 30 dB</p> <p>Center 5.720 00 GHz Span 40 MHz                  *Res BW 360 kHz *VBW 1.1 MHz Sweep 1.066 ms (1000 pts)</p> <p><b>Occupied Bandwidth</b> 17.7877 MHz                  Occ BW % Pwr 99.00 %                  x dB -26.00 dB</p> <p>Transmit Freq Error -43.309 kHz                  x dB Bandwidth 20.735 MHz*</p> <p>Copyright 2000-2011 Agilent Technologies</p> <p style="text-align: center;"><b>CHANNEL 144</b></p>

**1TX Antenna WF2**

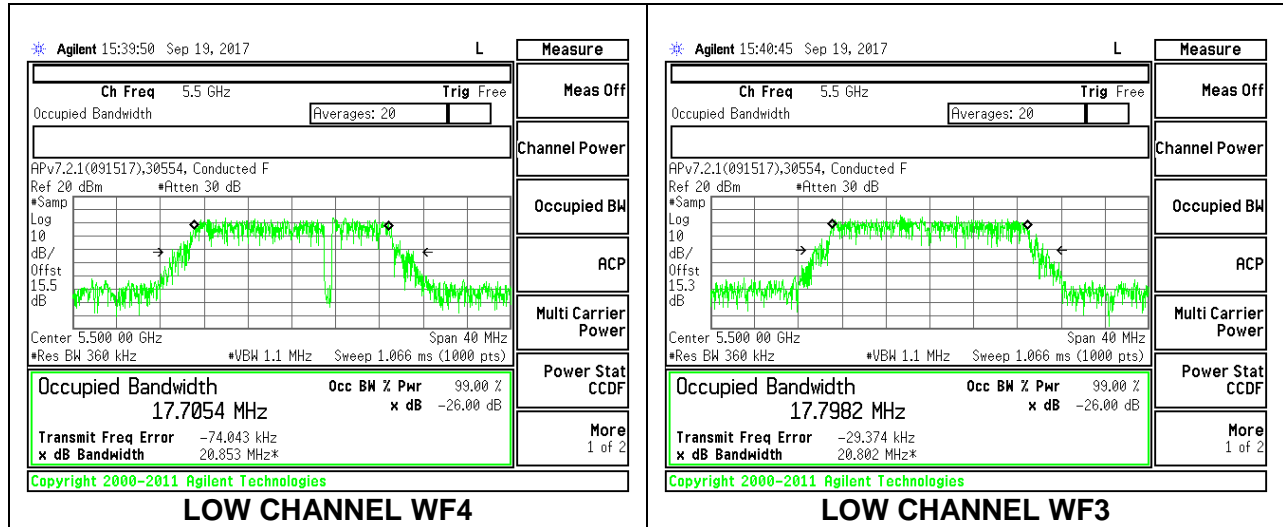
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5500	17.7420
Mid	5580	17.6130
High	5700	17.6390
144	5720	17.7610



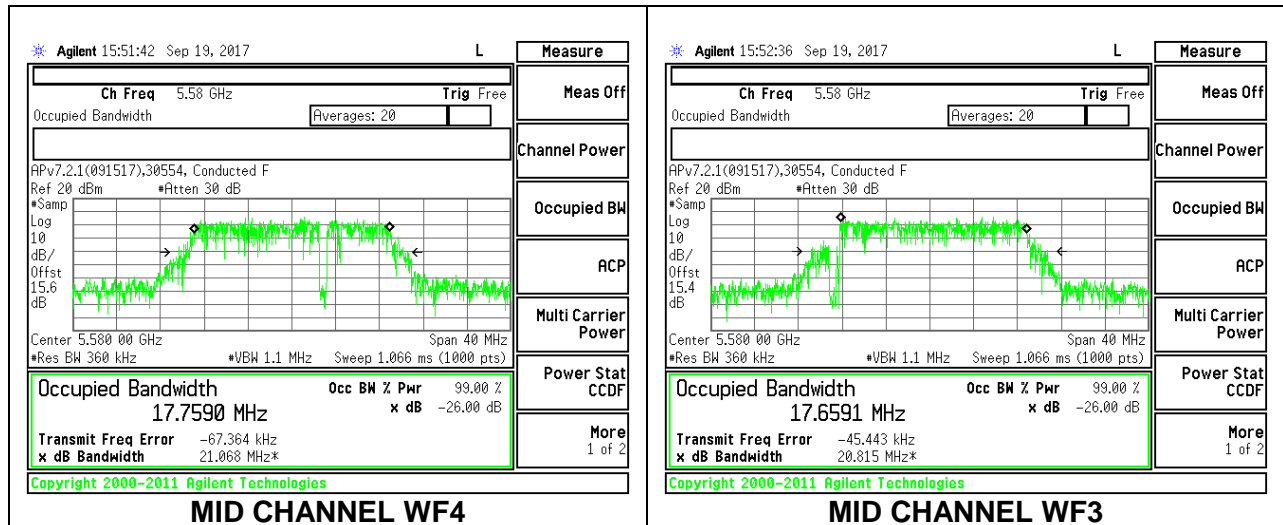
**2TX Antenna WF4 + Antenna WF3 CDD Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)
Low	5500	17.7050	17.7980
Mid	5580	17.7590	17.6590
High	5700	17.7730	17.7140
144	5720	17.7820	17.6470

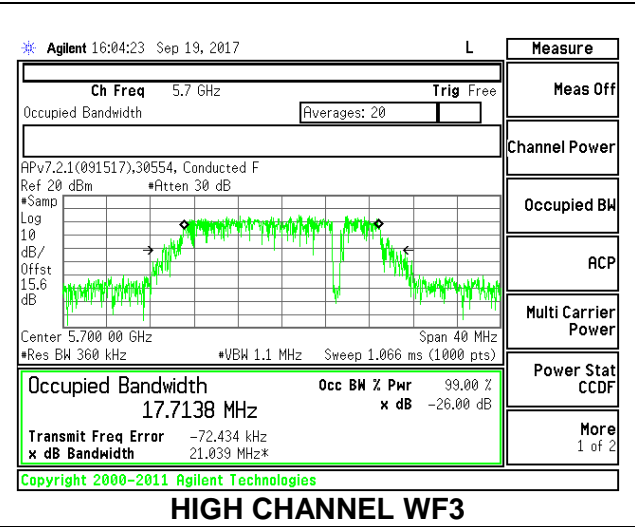
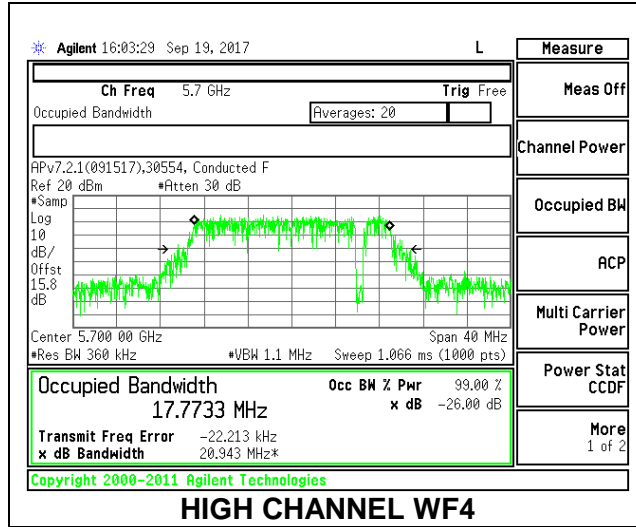
**LOW CHANNEL**



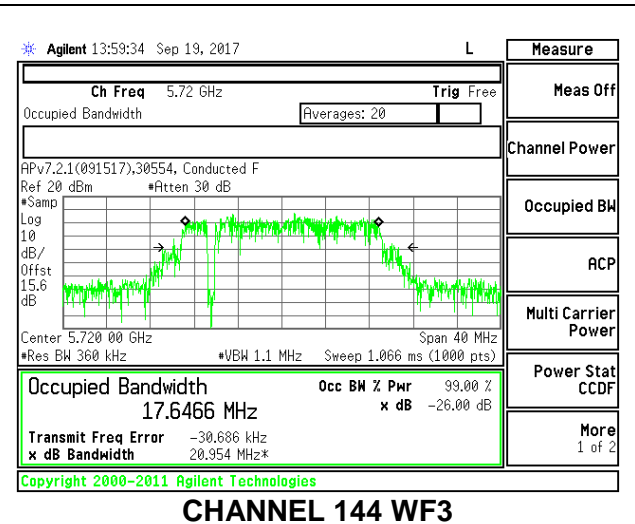
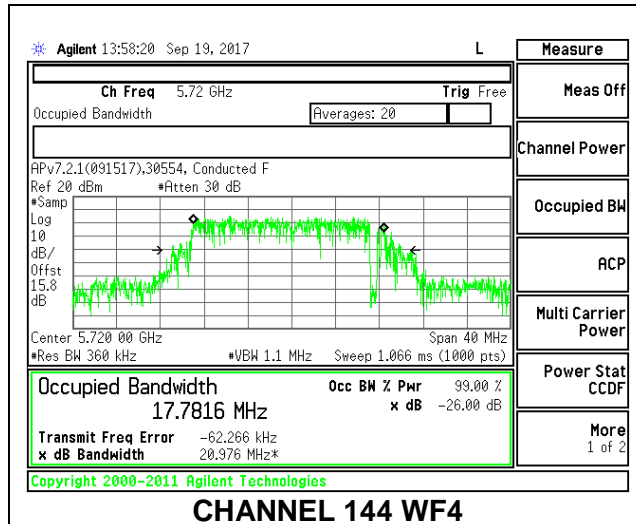
**MID CHANNEL**



### HIGH CHANNEL



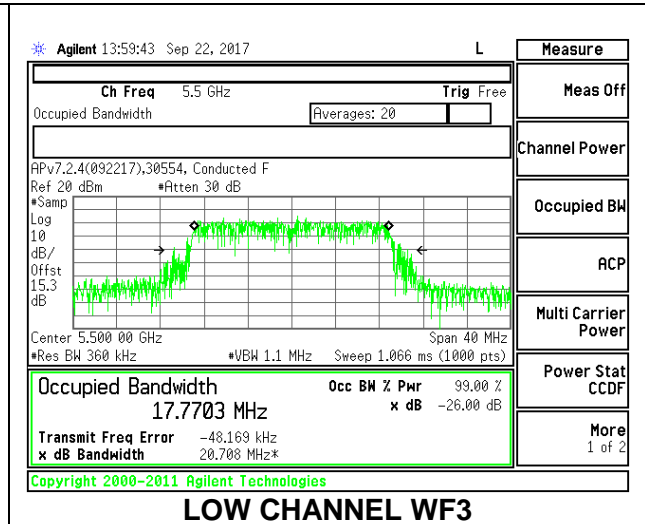
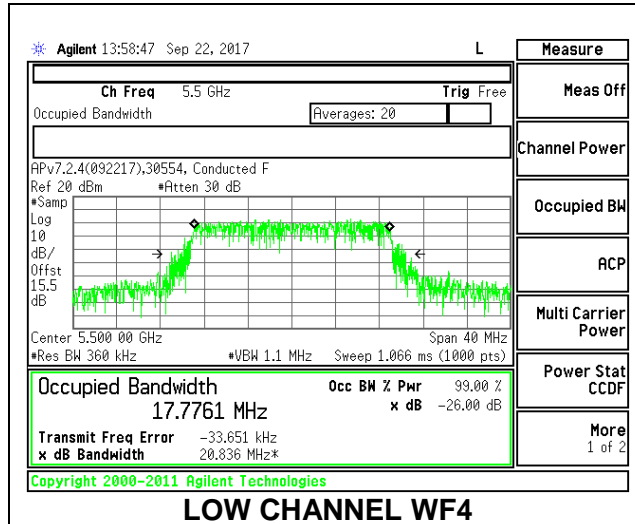
### CHANNEL 144



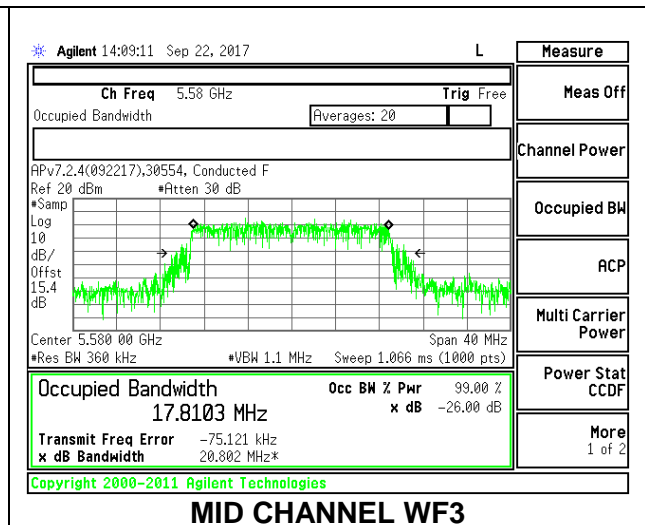
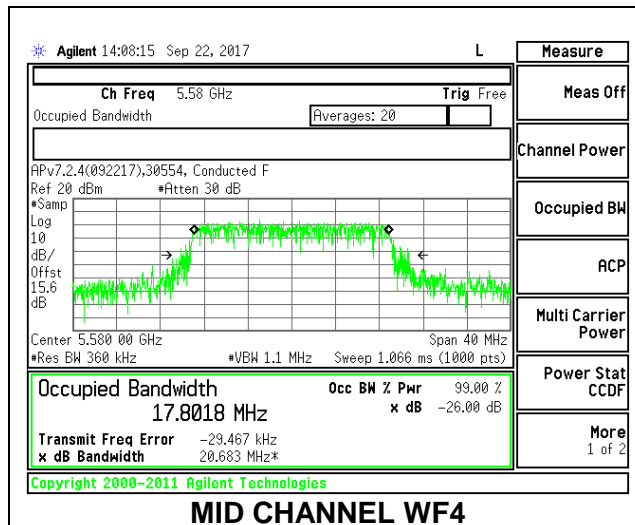
**2TX Antenna WF4 + Antenna WF3 SDM Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)
Low	5500	17.7760	17.7700
Mid	5580	17.8020	17.8100
High	5700	17.7600	17.7860
144	5720	17.7580	17.7590

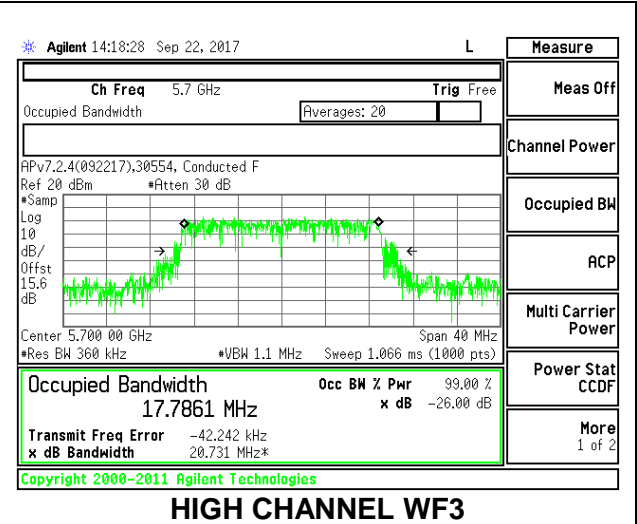
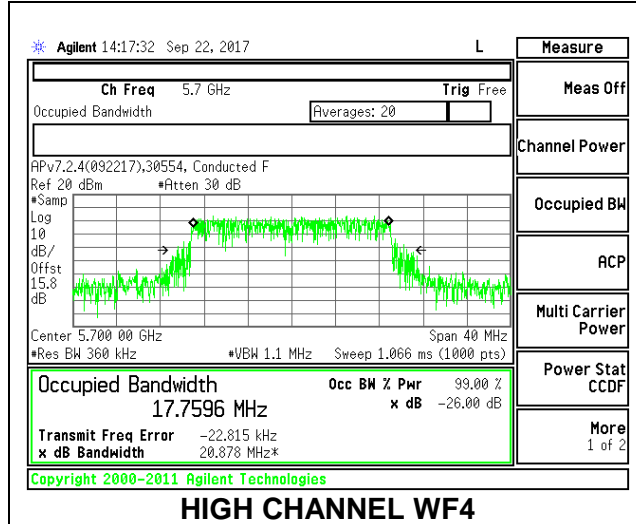
**LOW CHANNEL**



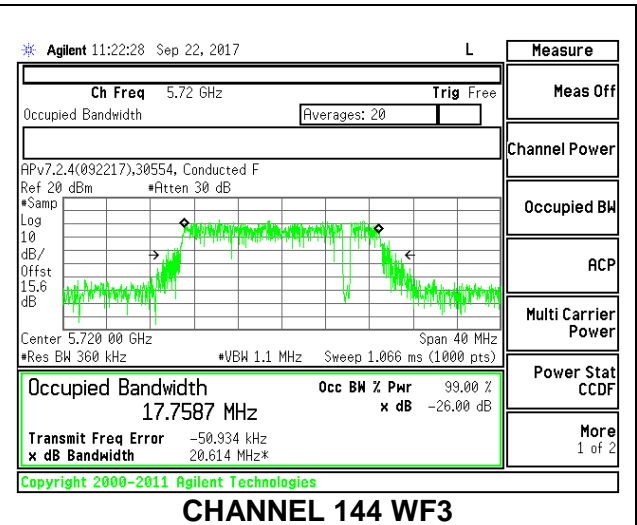
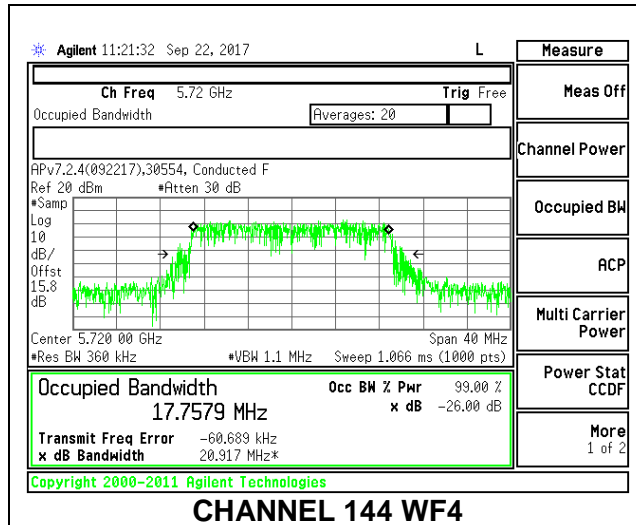
**MID CHANNEL**



### HIGH CHANNEL



### CHANNEL 144

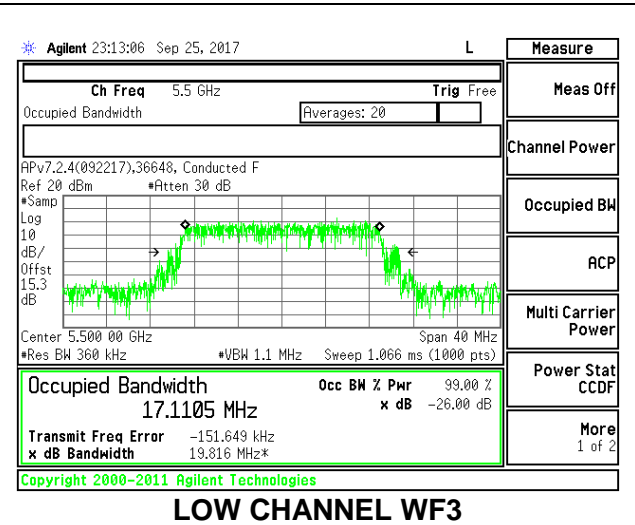
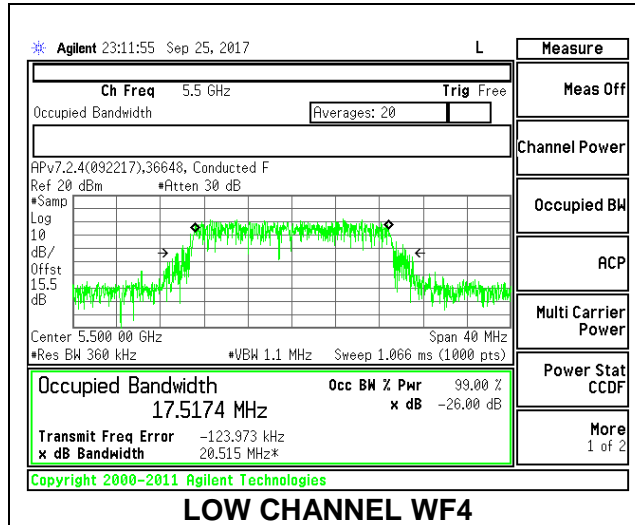




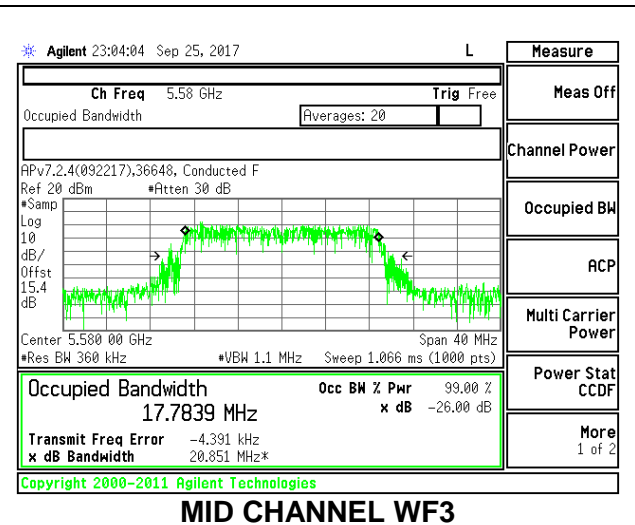
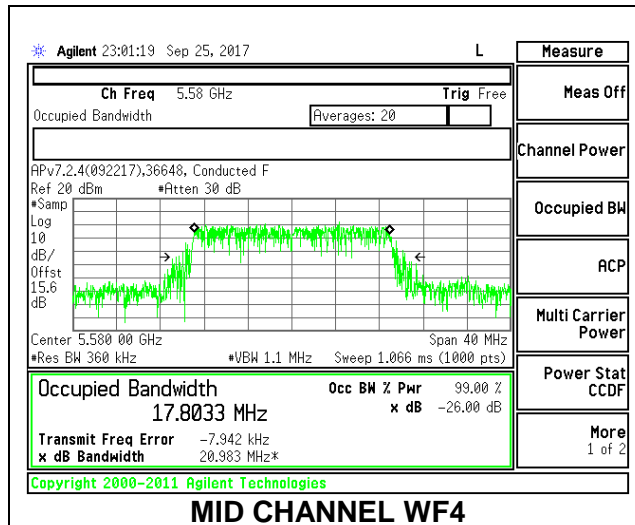
**2TX Antenna WF4 + Antenna WF3 BF Mode**

Channel	Frequency (MHz)	99% Bandwidth	
		WF4 (MHz)	WF3 (MHz)
Low	5500	17.5170	17.1110
Mid	5580	17.8030	17.7840
High	5700	18.8120	17.7830
144	5720	17.5500	17.8330

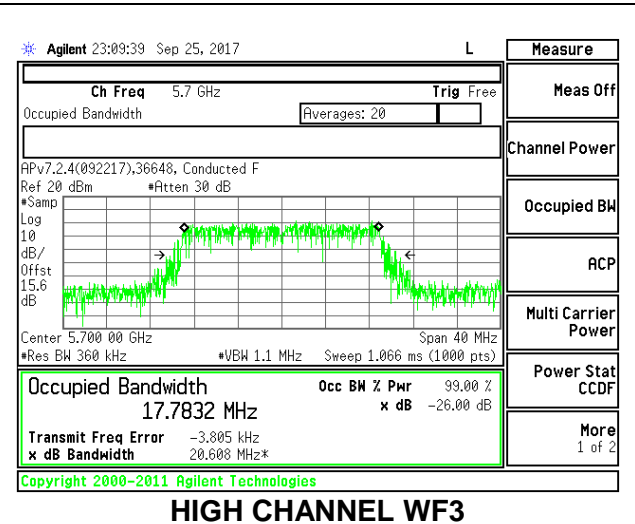
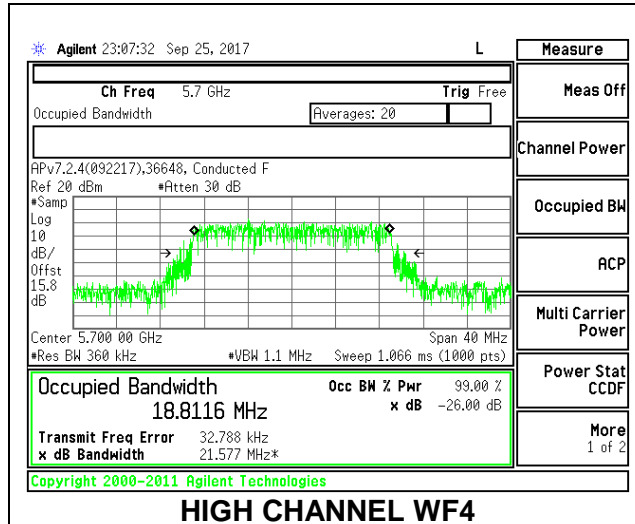
**LOW CHANNEL**



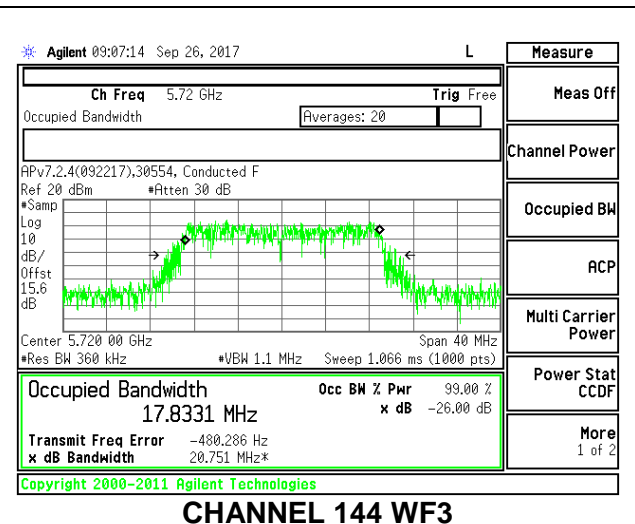
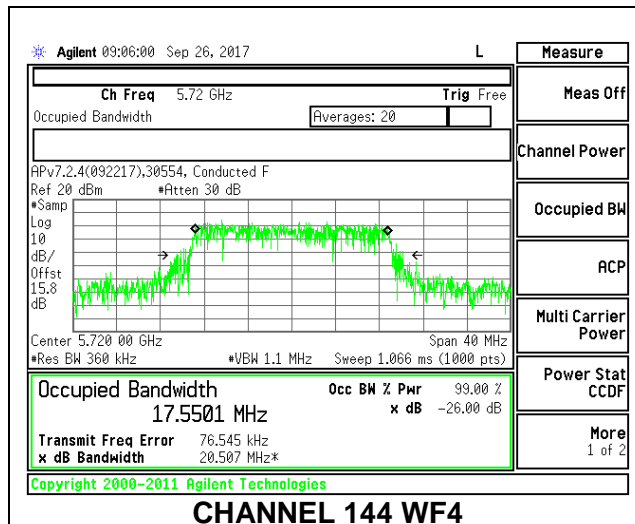
**MID CHANNEL**



### HIGH CHANNEL



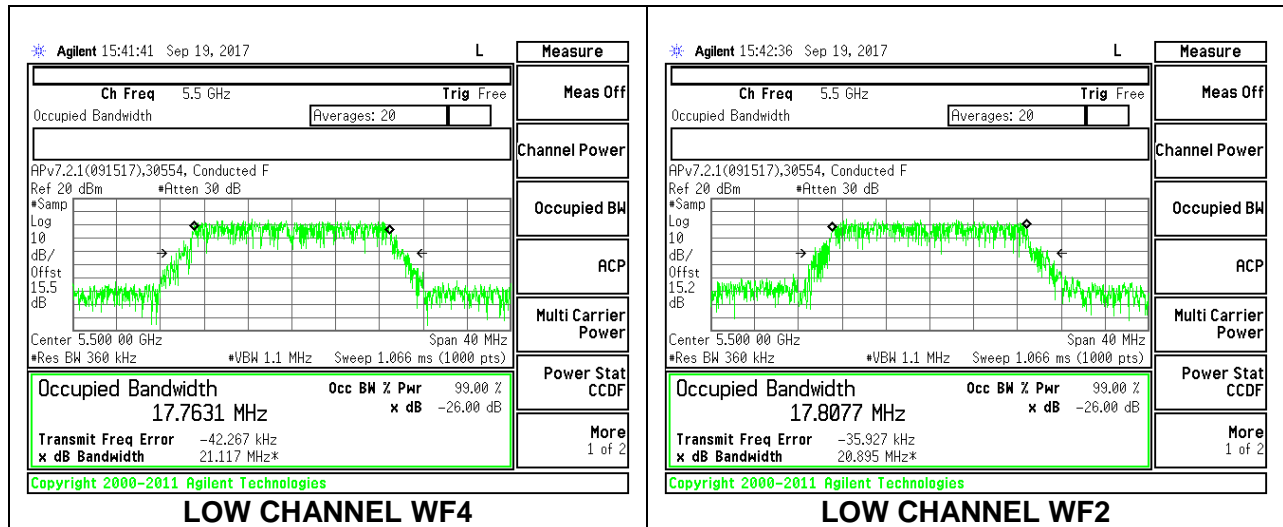
### CHANNEL 144



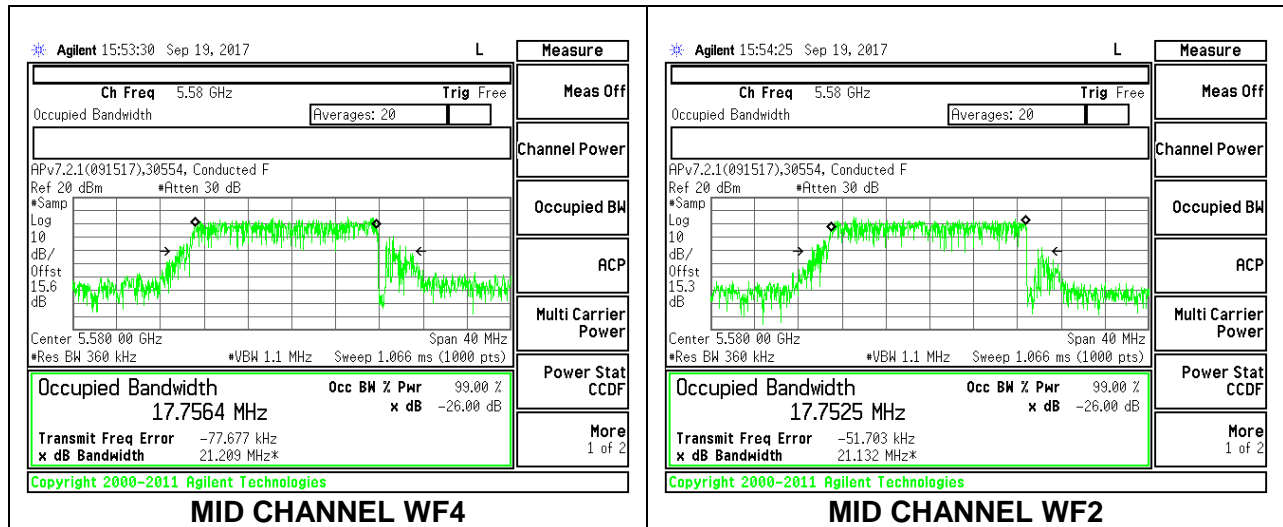
**2TX Antenna WF4 + Antenna WF2 CDD Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Low	5500	17.7630	17.8080
Mid	5580	17.7560	17.7530
High	5700	17.6130	17.7360
144	5720	17.7280	17.7620

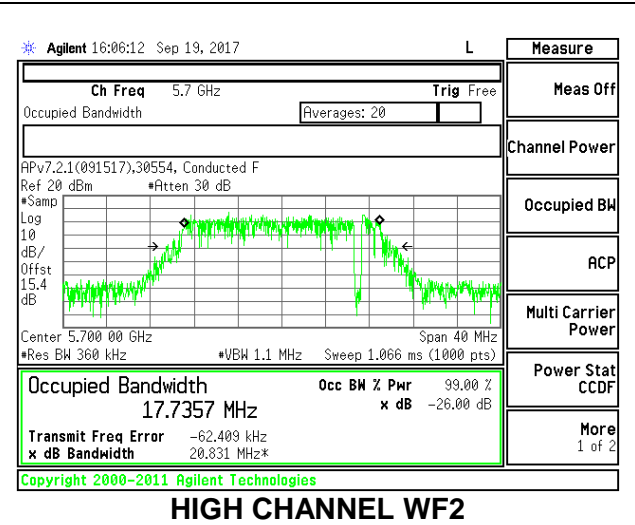
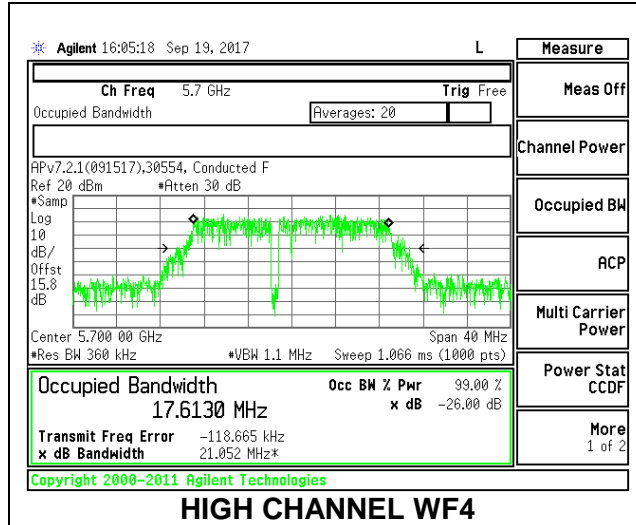
**LOW CHANNEL**



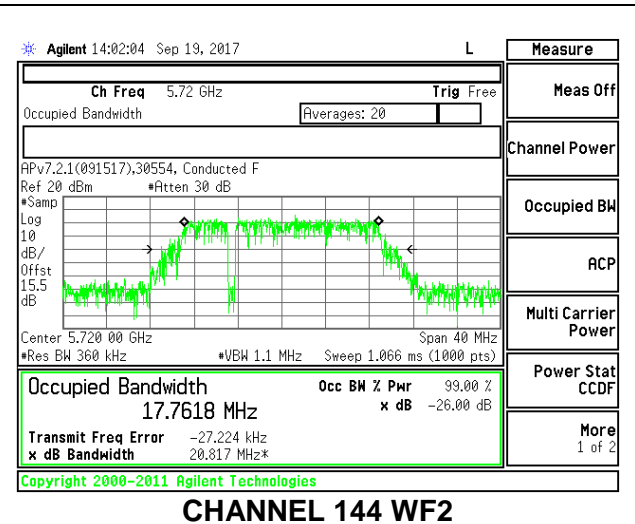
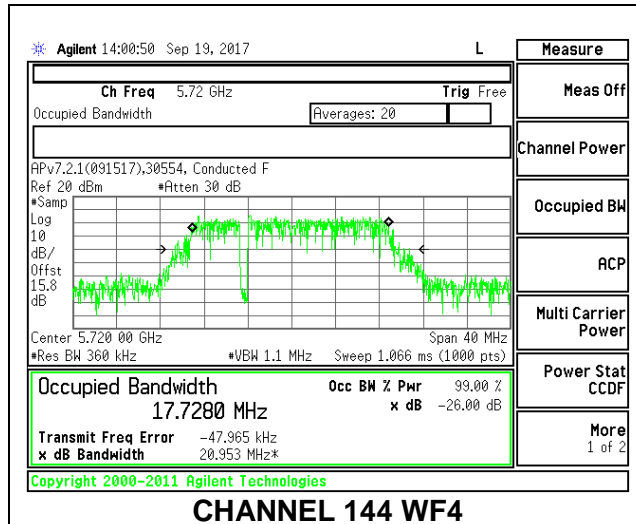
**MID CHANNEL**



### HIGH CHANNEL



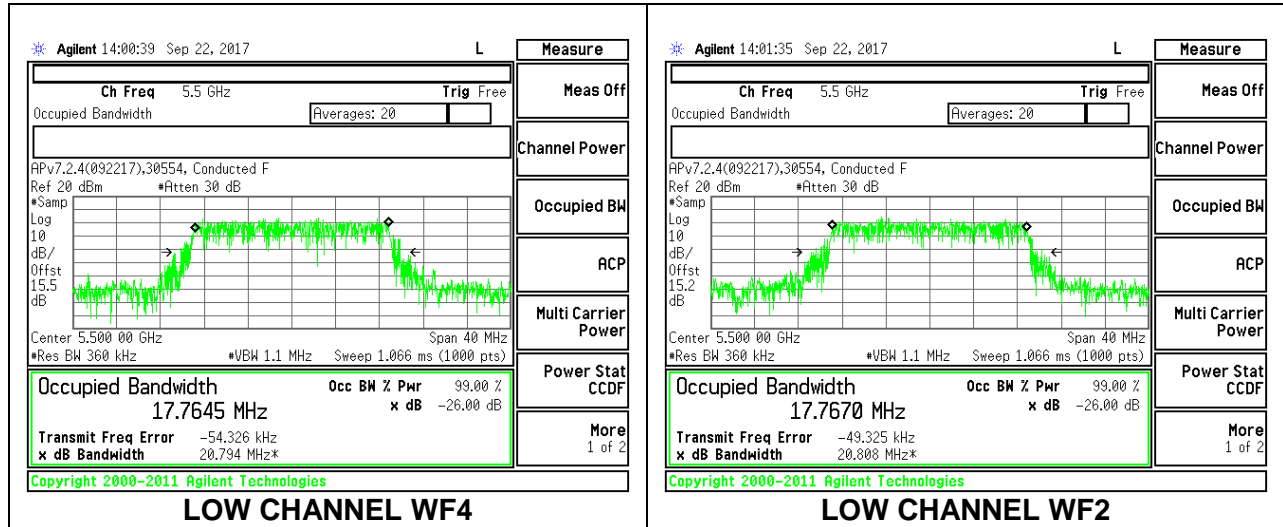
### CHANNEL 144



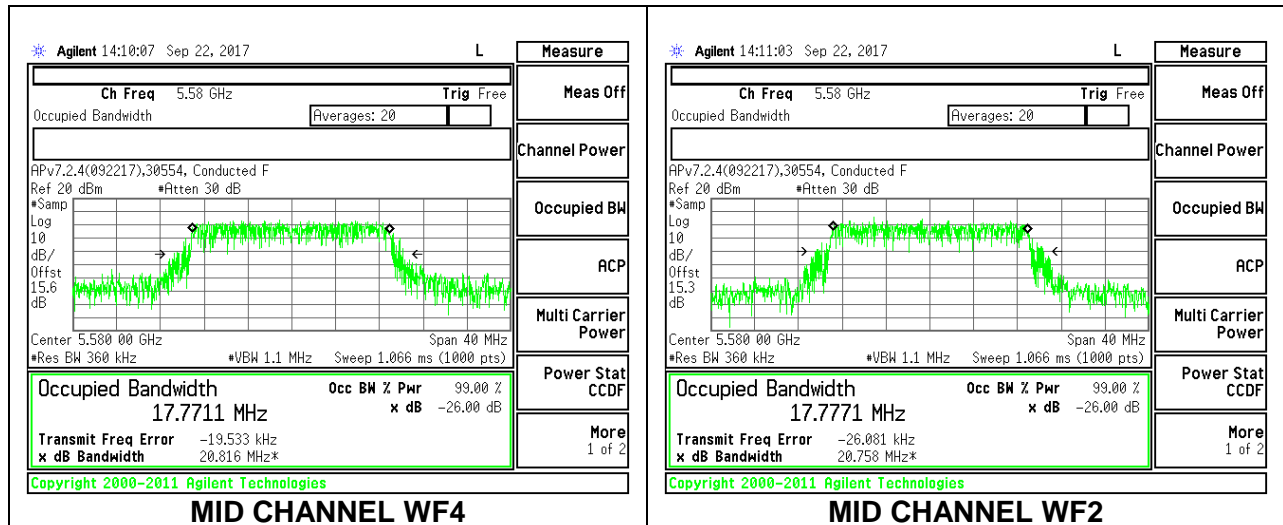
**2TX Antenna WF4 + Antenna WF2 SDM Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Low	5500	17.7645	17.7670
Mid	5580	17.7710	17.7770
High	5700	17.7220	17.7640
144	5720	17.7325	17.7330

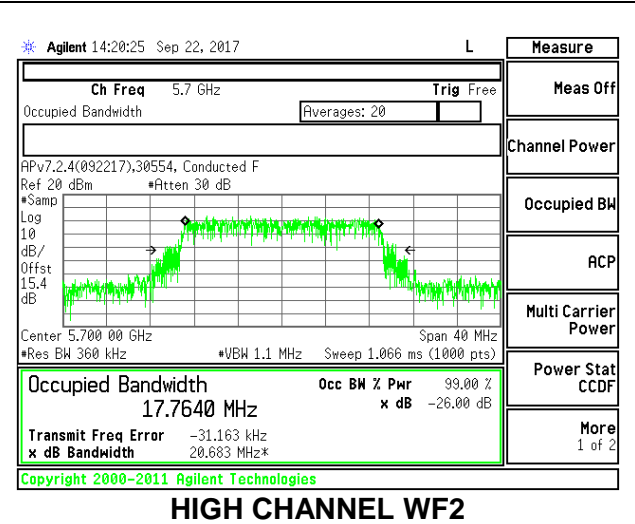
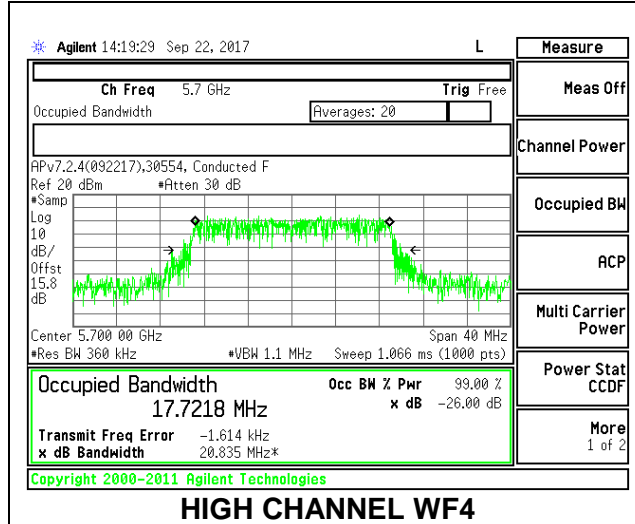
**LOW CHANNEL**



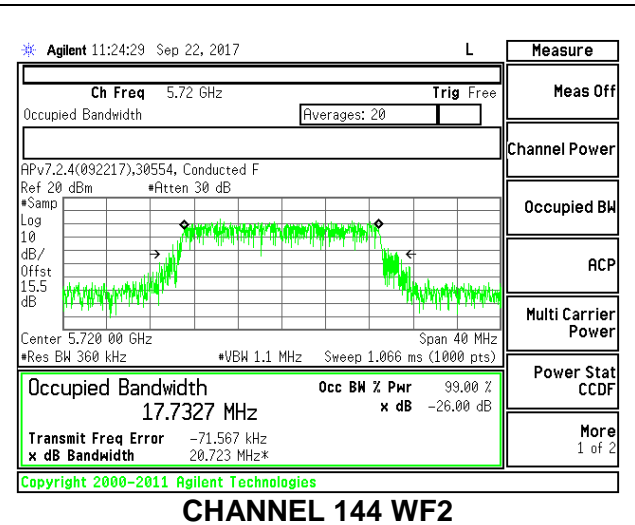
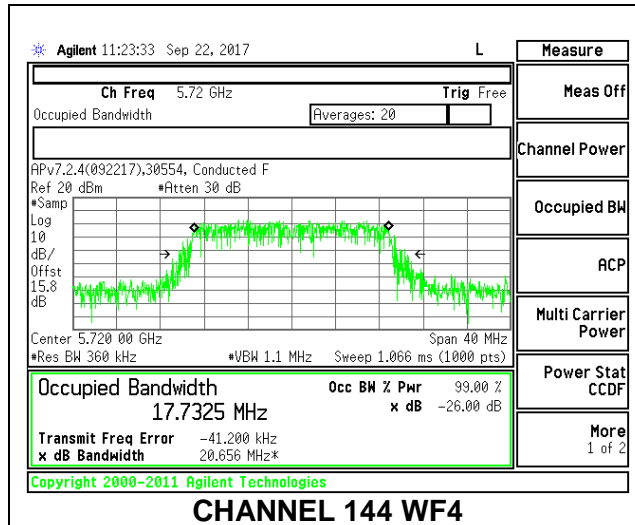
**MID CHANNEL**



### HIGH CHANNEL



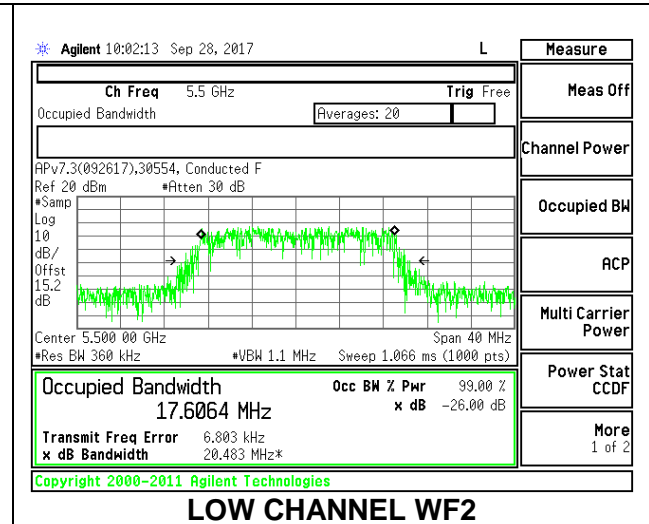
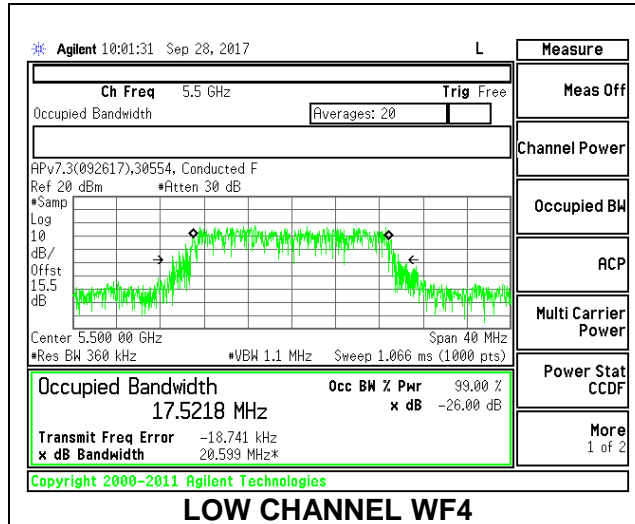
### CHANNEL 144



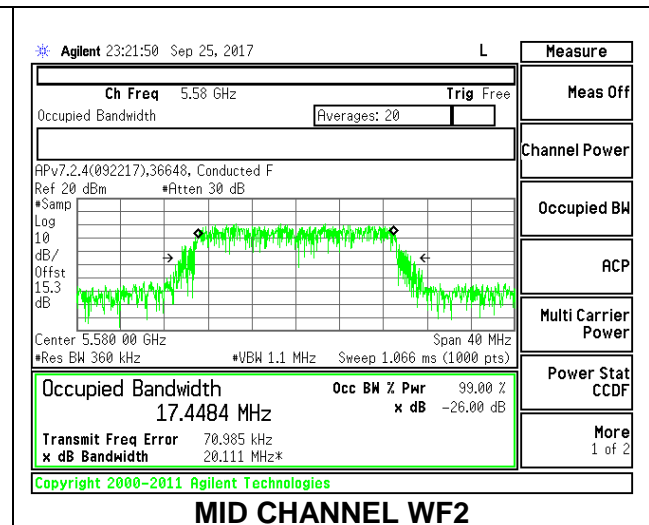
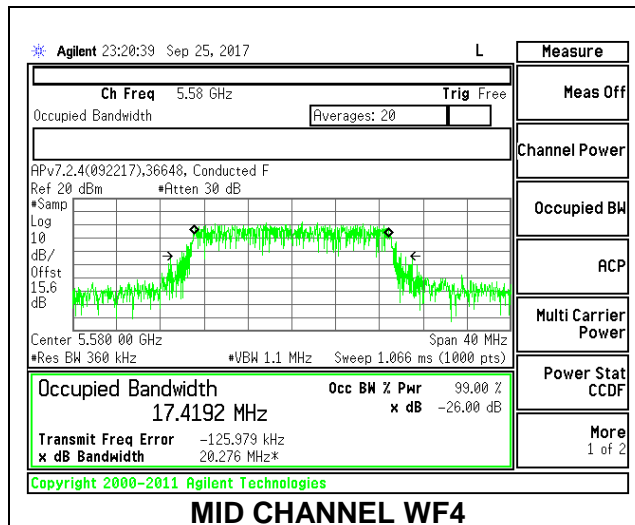
**2TX Antenna WF4 + Antenna WF2 BF Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Low	5500	17.5350	17.6064
Mid	5580	17.4190	17.4480
High	5700	17.7600	17.7110
144	5720	17.7100	17.4730

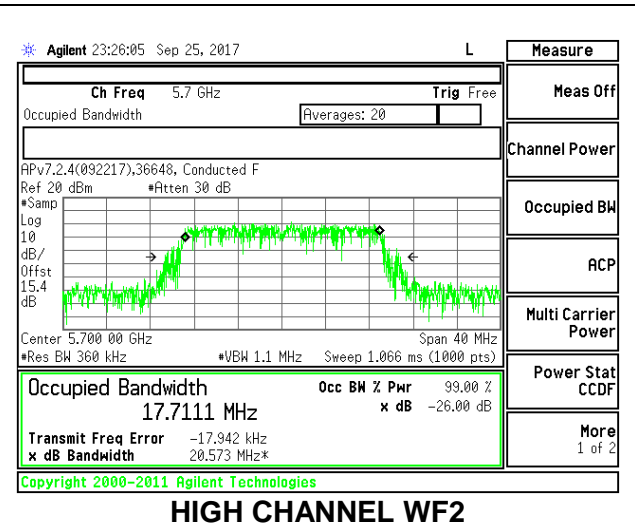
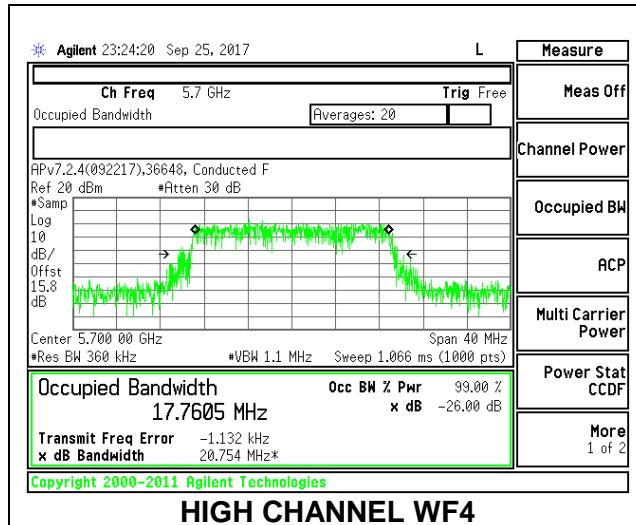
**LOW CHANNEL**



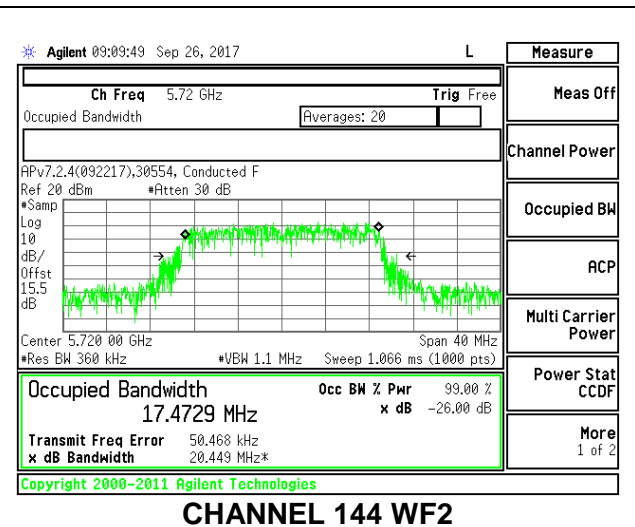
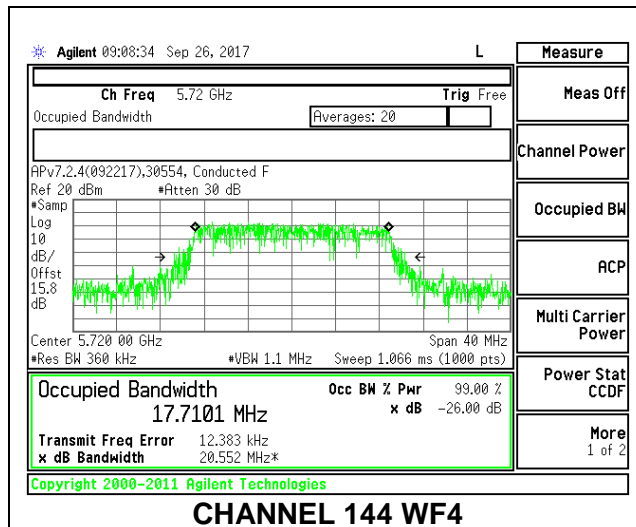
**MID CHANNEL**



### HIGH CHANNEL



### CHANNEL 144

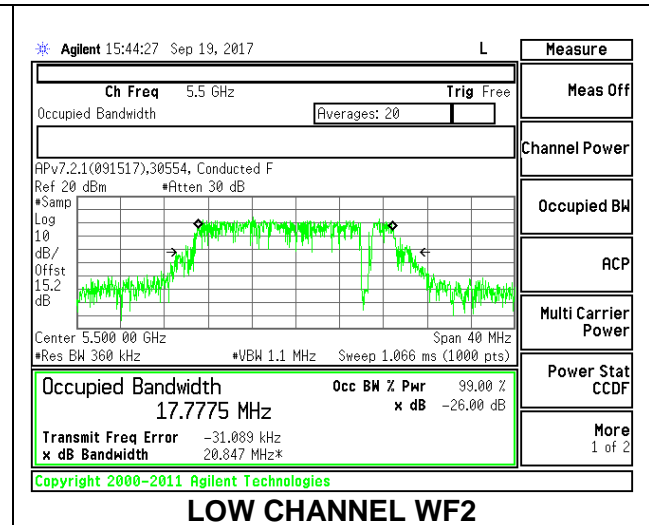
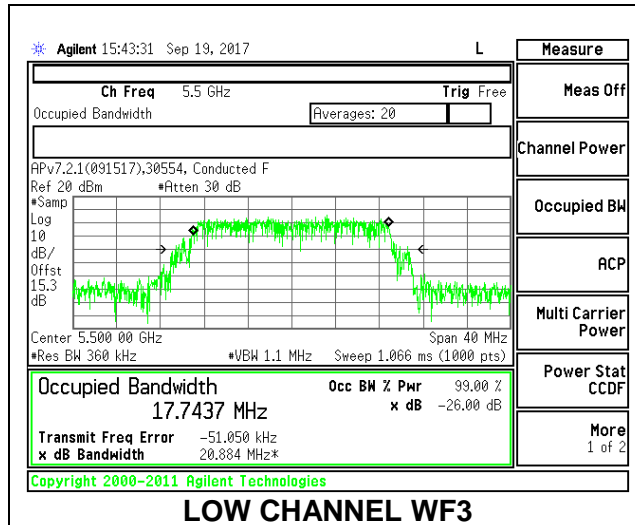




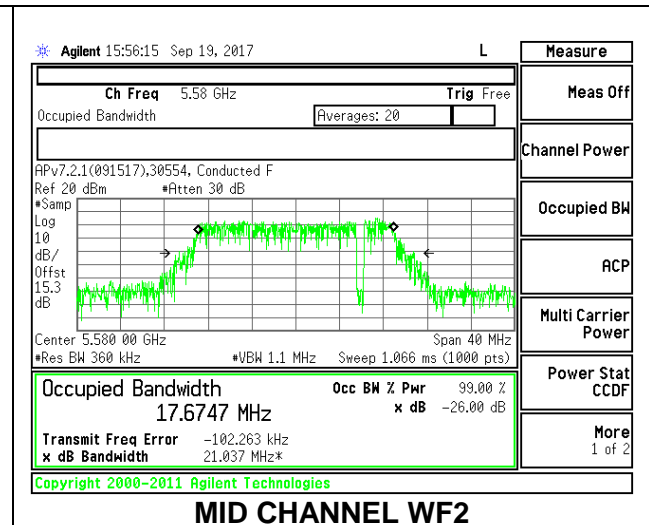
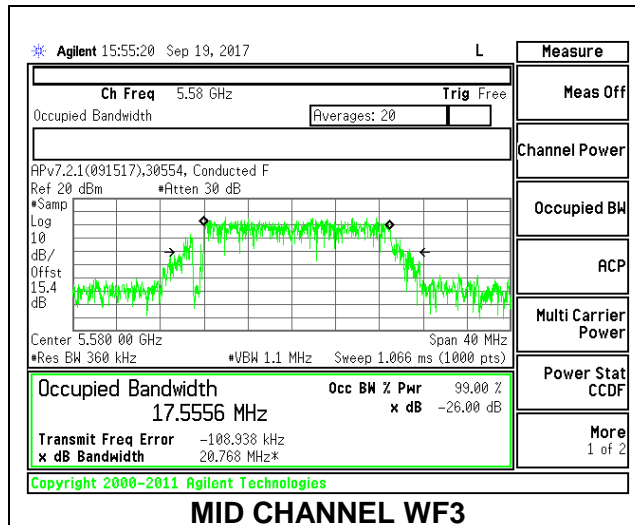
**2TX Antenna WF3 + Antenna WF2 CDD Mode**

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5500	17.744	17.777
Mid	5580	17.556	17.675
High	5700	17.687	17.776
144	5720	17.660	17.626

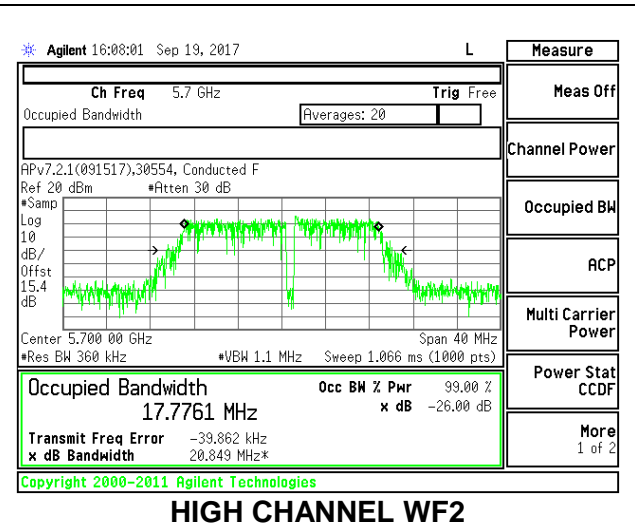
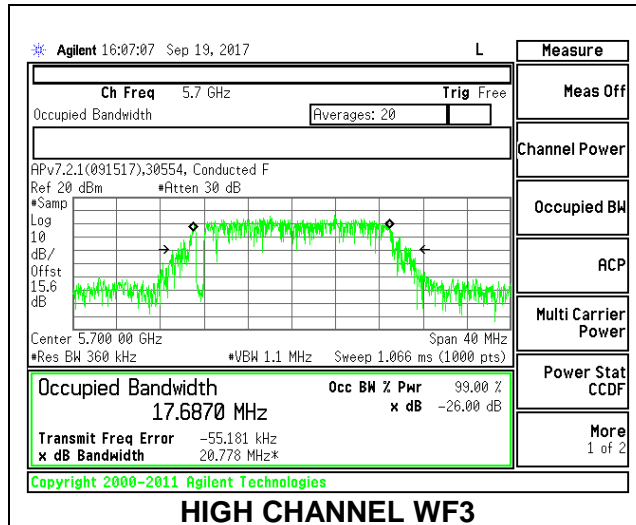
**LOW CHANNEL**



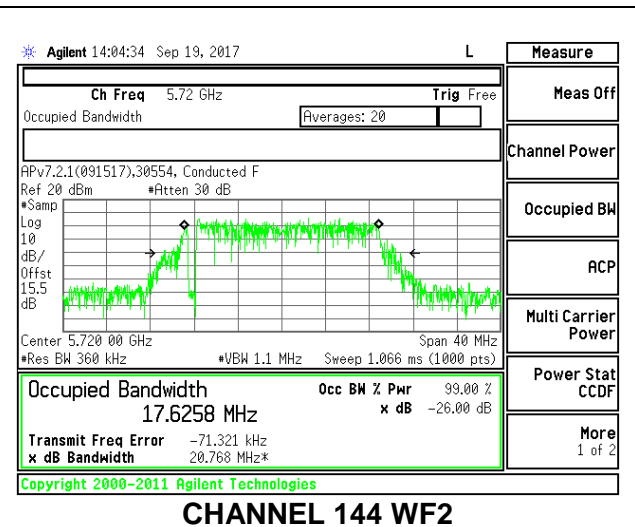
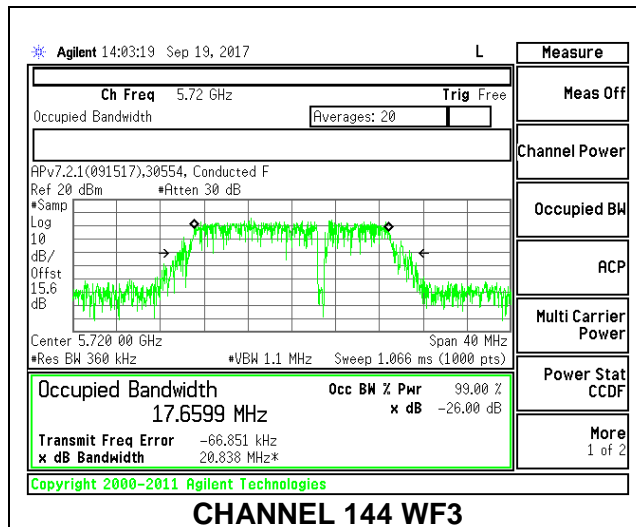
**MID CHANNEL**



### HIGH CHANNEL



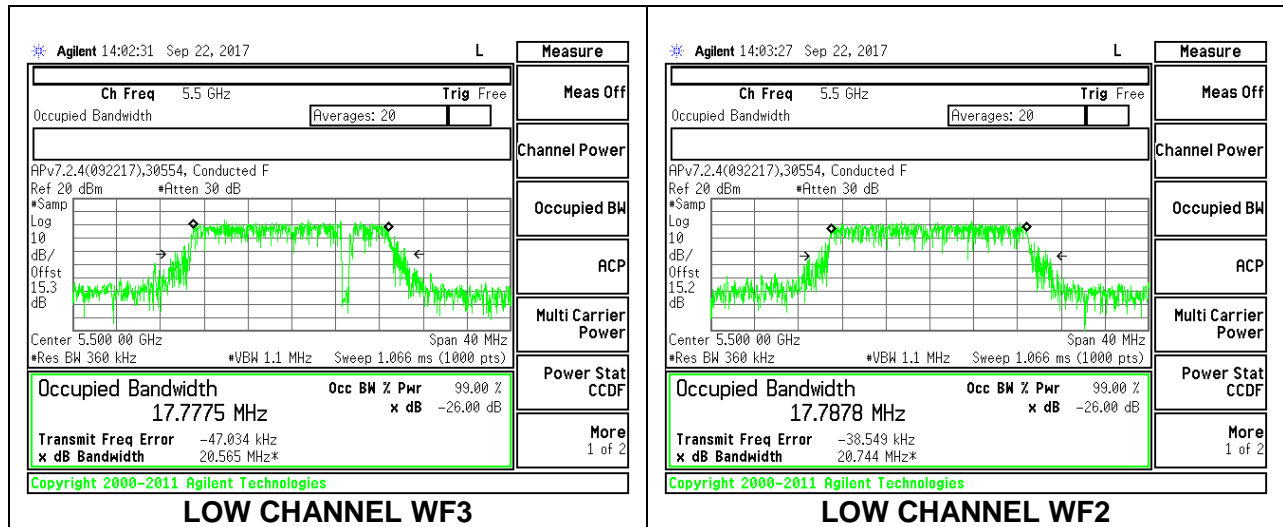
### CHANNEL 144



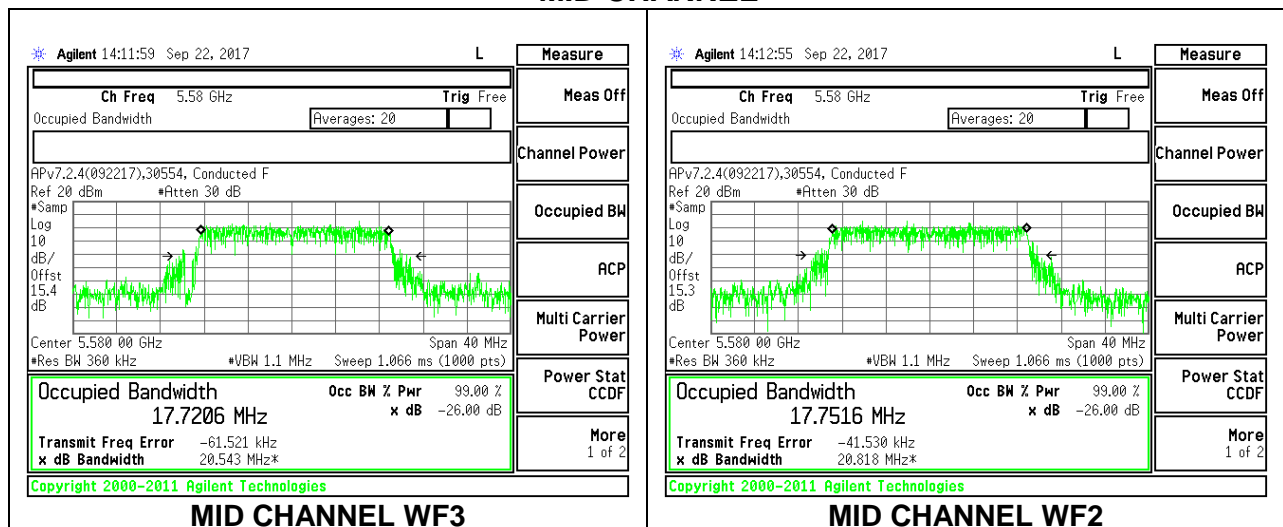
**2TX Antenna WF3 + Antenna WF2 SDM Mode**

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5500	17.7775	17.7880
Mid	5580	17.7210	17.7520
High	5700	17.7810	17.7830
144	5720	17.6900	17.7690

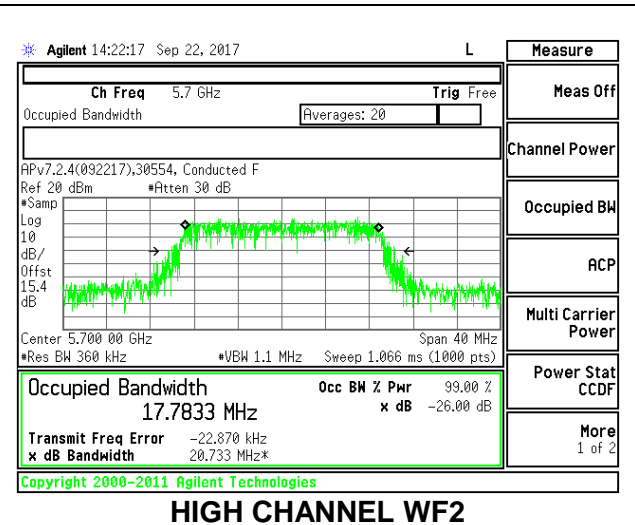
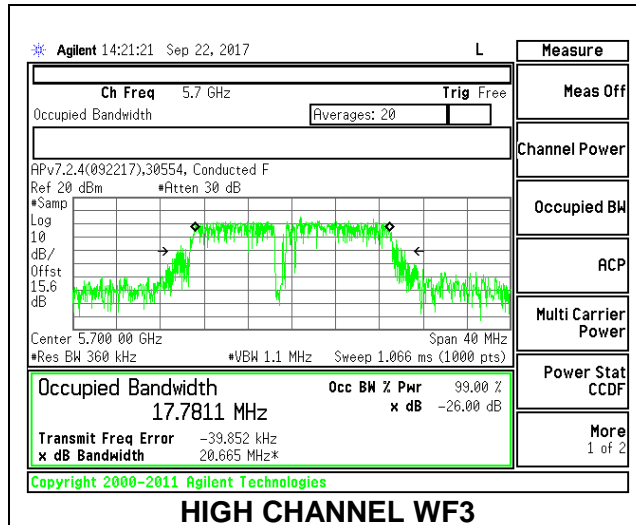
**LOW CHANNEL**



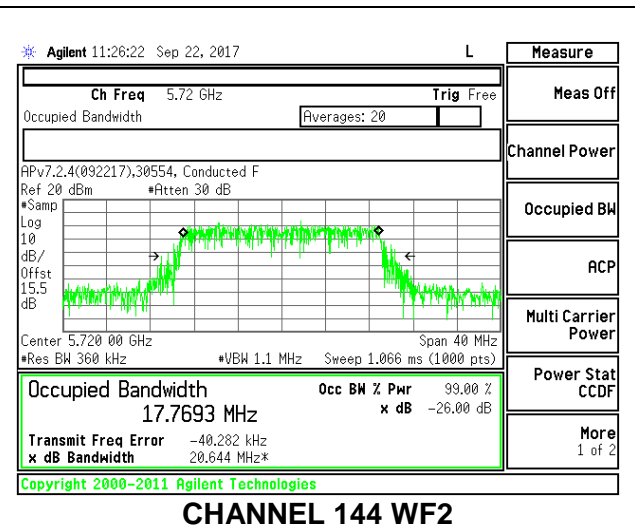
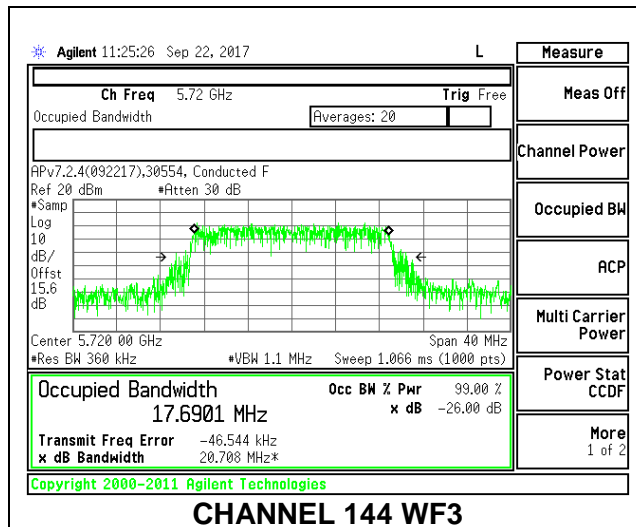
**MID CHANNEL**



### HIGH CHANNEL



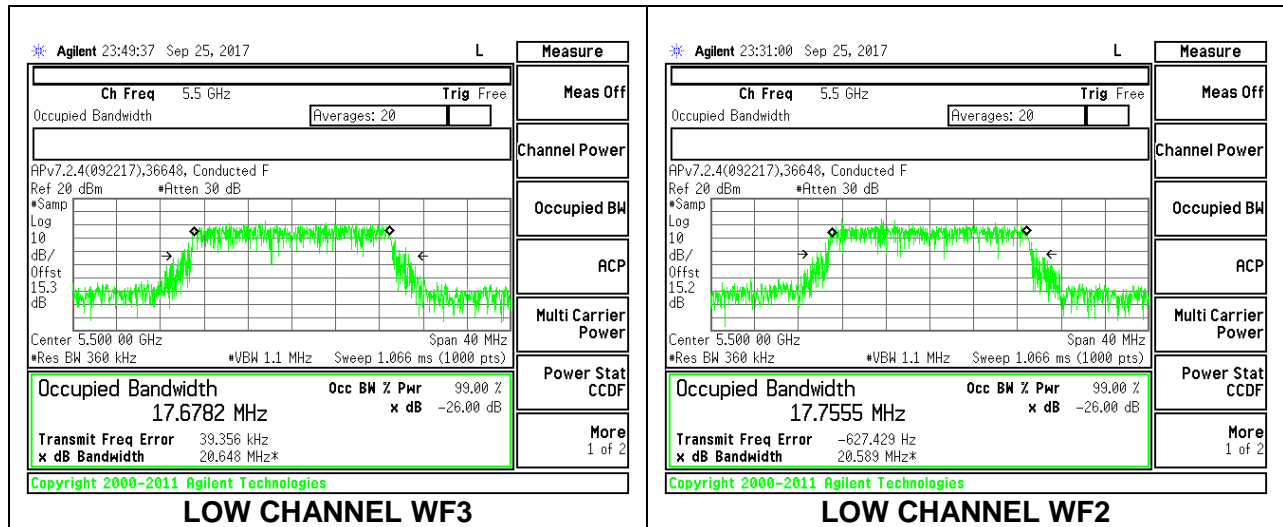
### CHANNEL 144



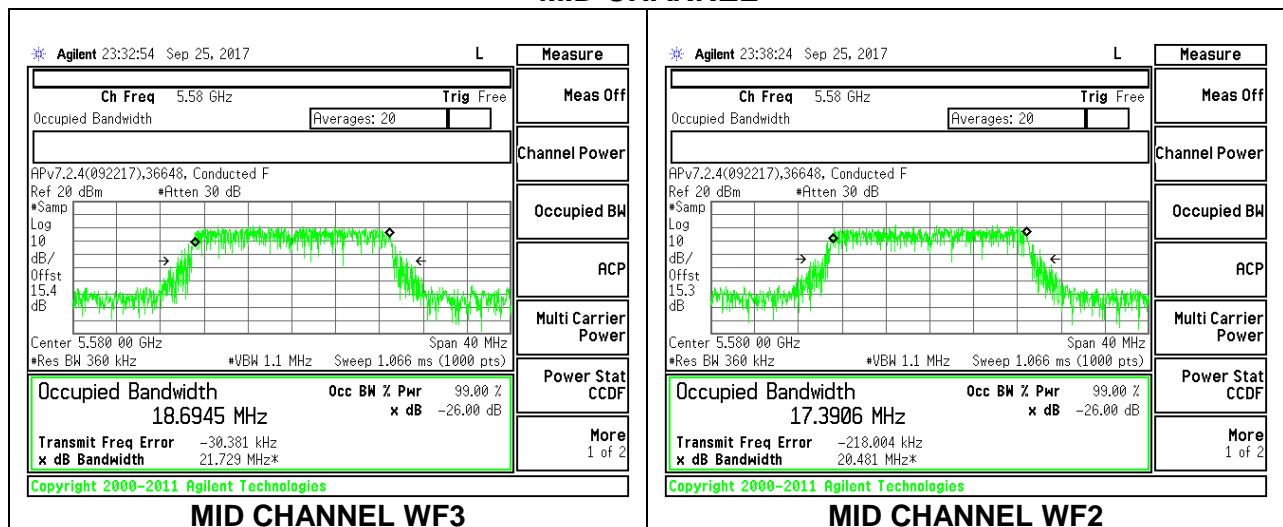
**2TX Antenna WF3 + Antenna WF2 BF Mode**

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5500	17.6780	17.7560
Mid	5580	18.6950	17.3910
High	5700	16.9440	17.3200
144	5720	17.1360	17.3460

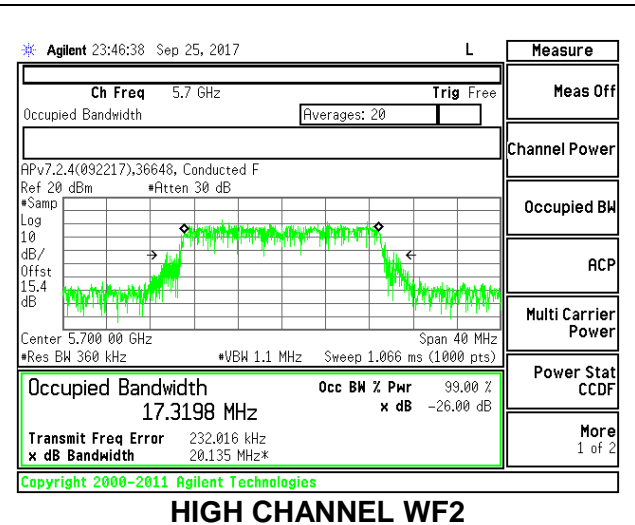
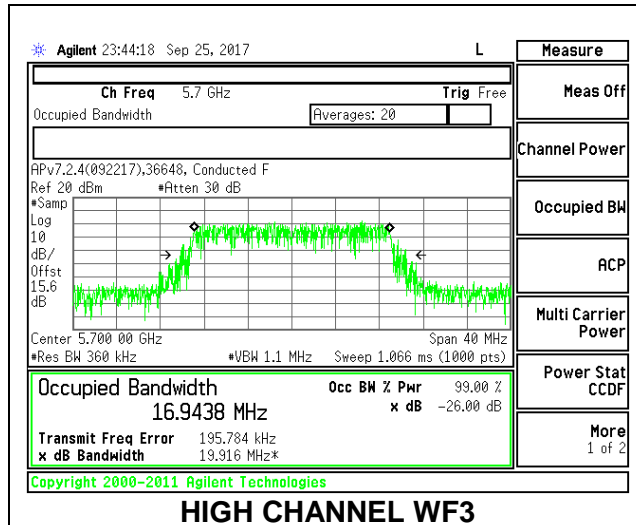
**LOW CHANNEL**



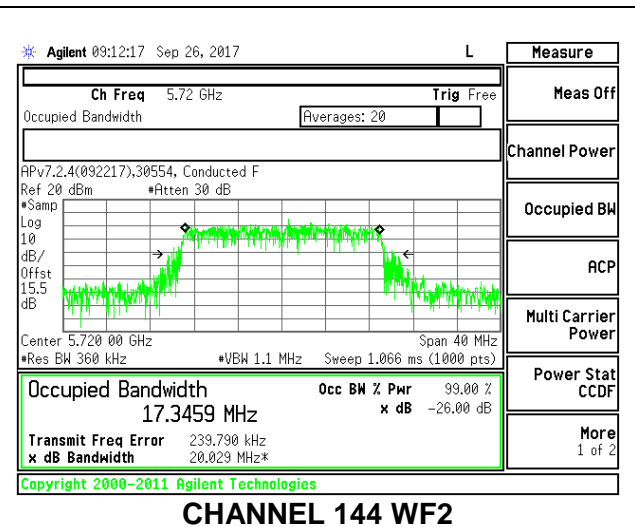
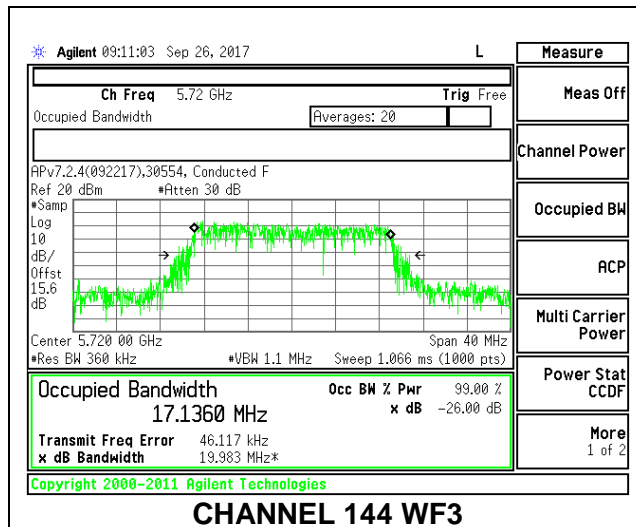
**MID CHANNEL**



### HIGH CHANNEL



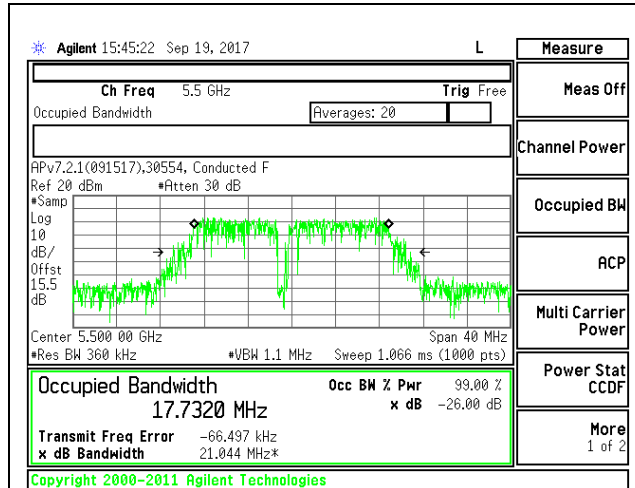
### CHANNEL 144



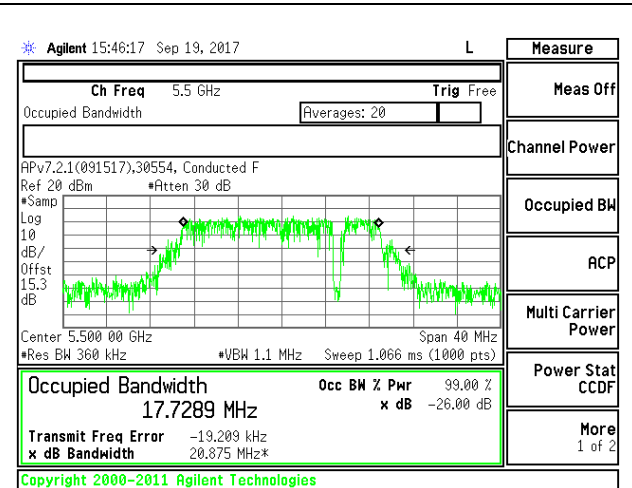
**3TX Antenna WF4 + Antenna WF3 + Antenna WF2 CDD Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5500	17.7320	17.7290	17.6310
Mid	5580	17.7930	17.6940	17.7910
High	5700	17.6890	17.5820	17.6870
144	5720	17.6620	17.6770	17.8270

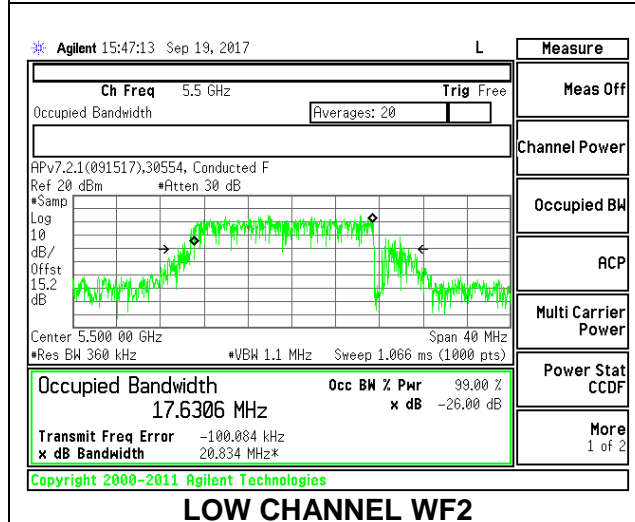
**LOW CHANNEL**



**LOW CHANNEL WF4**

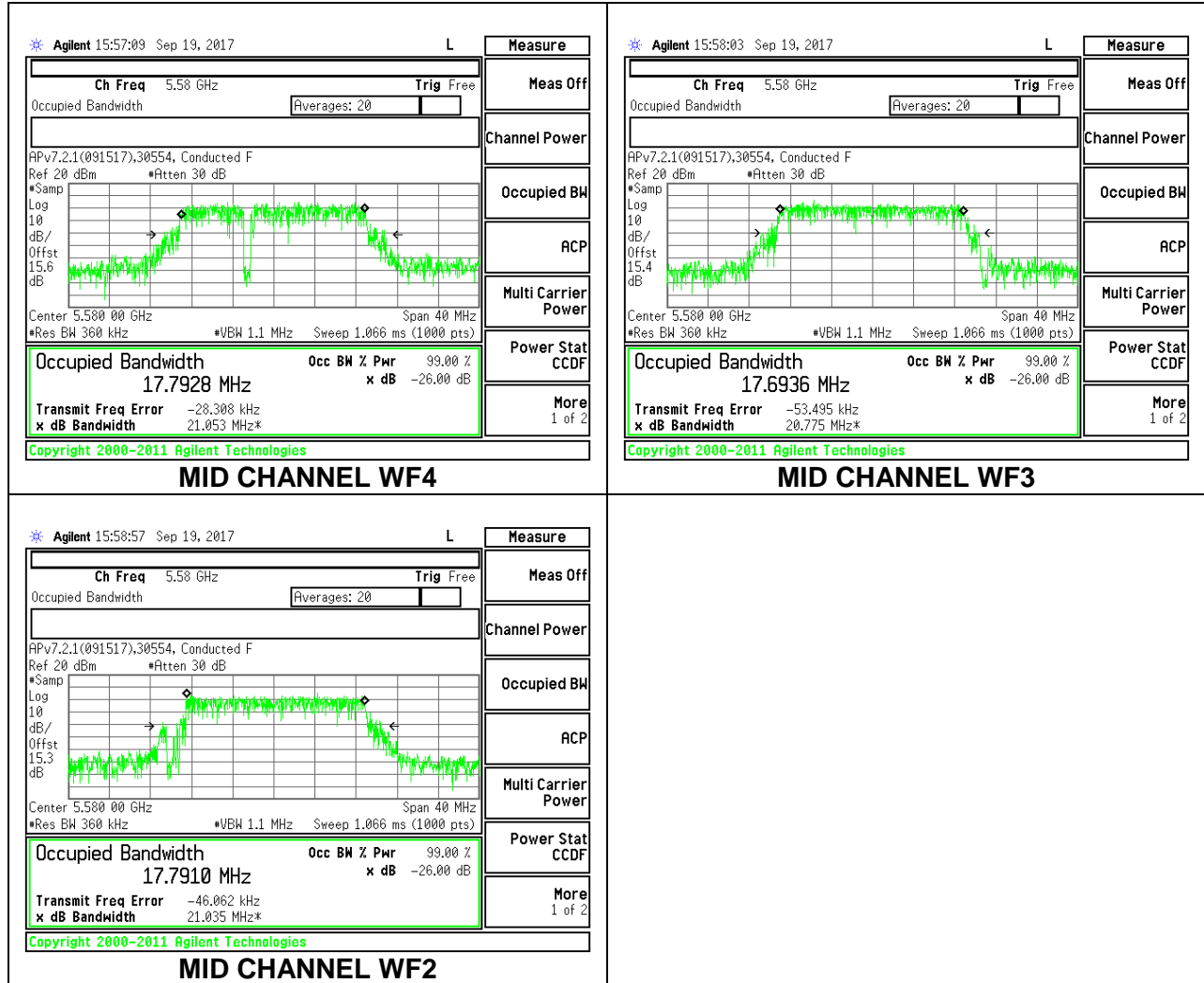


**LOW CHANNEL WF3**



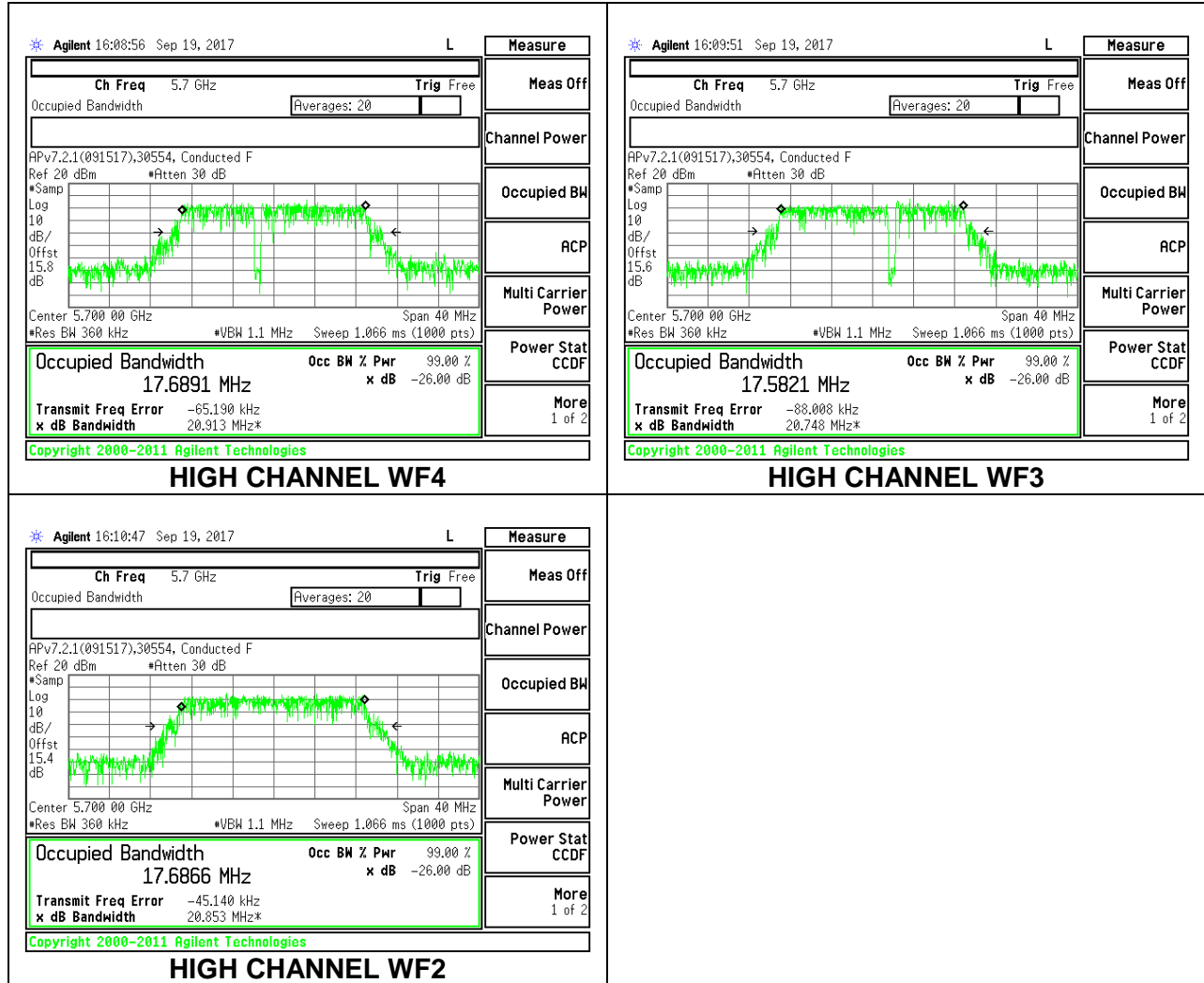
**LOW CHANNEL WF2**

**MID CHANNEL**

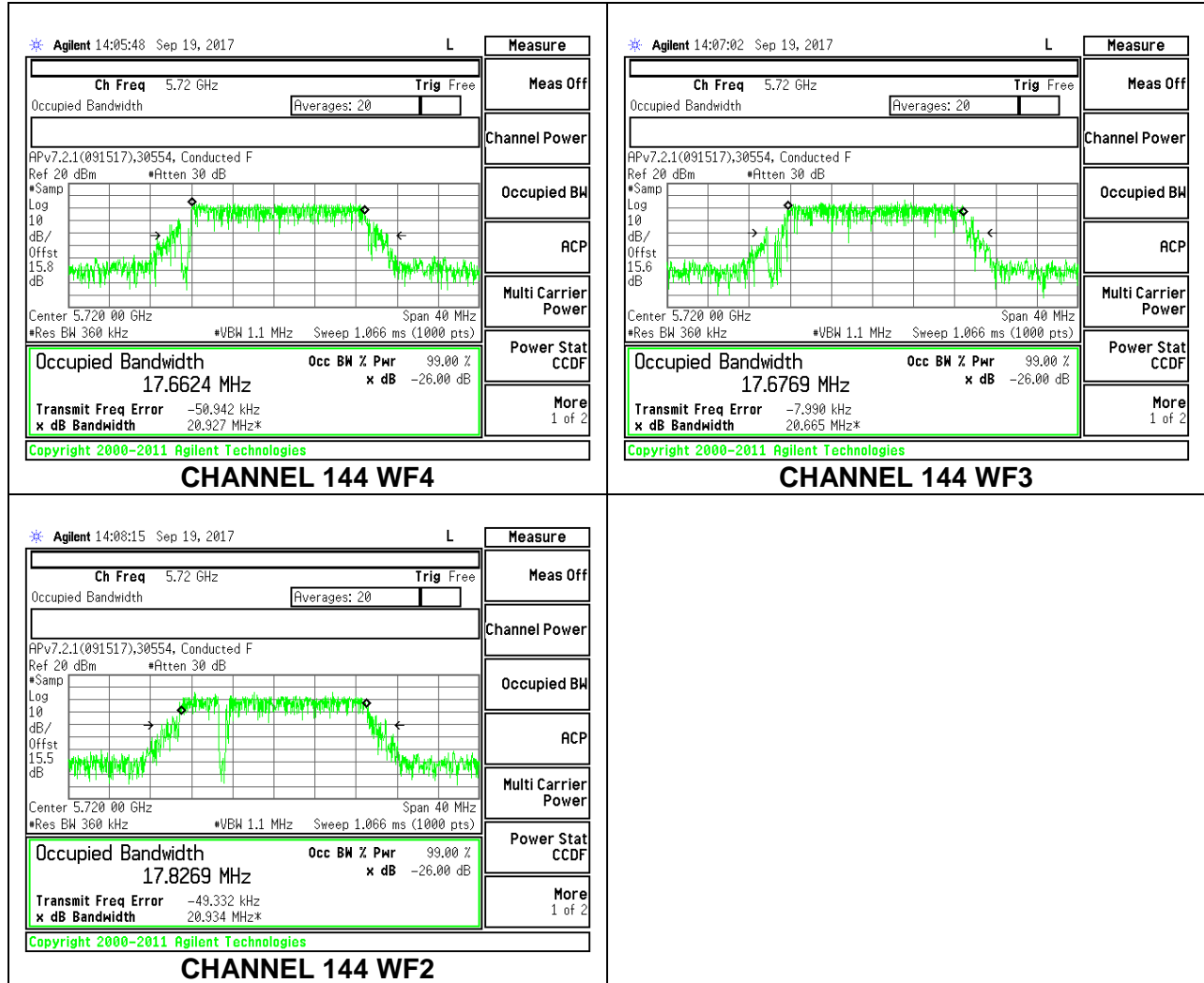




**HIGH CHANNEL**



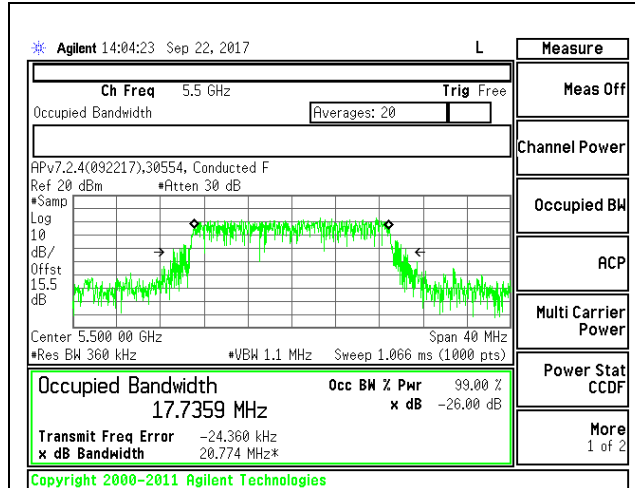
**CHANNEL 144**



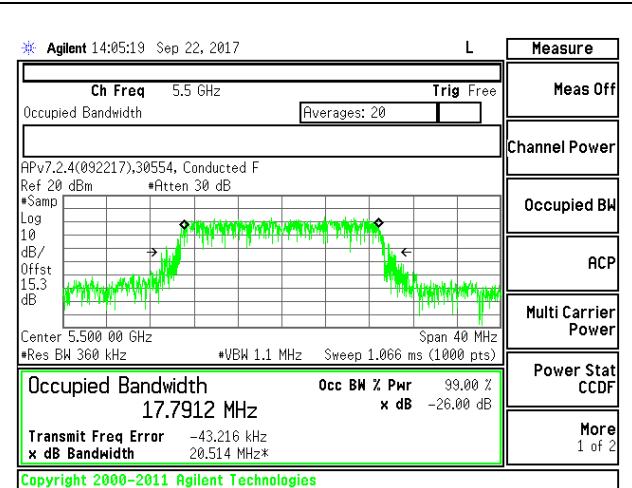
**3TX Antenna WF4 + Antenna WF3 + Antenna WF2 SDM Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5500	17.7360	17.7910	17.7940
Mid	5580	17.8140	17.7600	17.7190
High	5700	17.7440	17.7850	17.7170
144	5720	17.7630	17.5690	17.7370

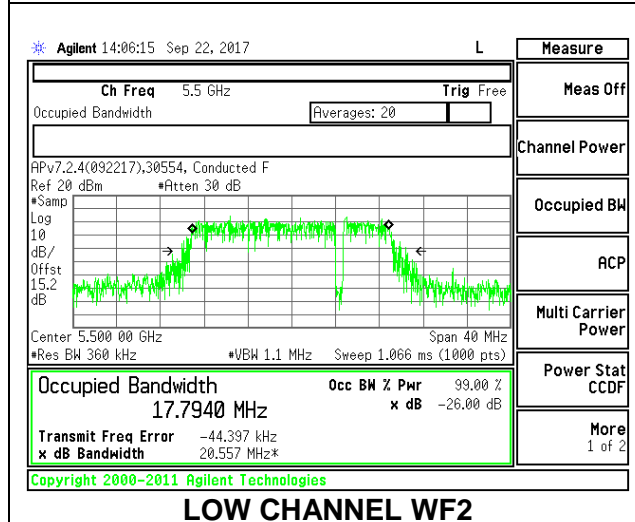
**LOW CHANNEL**



**LOW CHANNEL WF4**

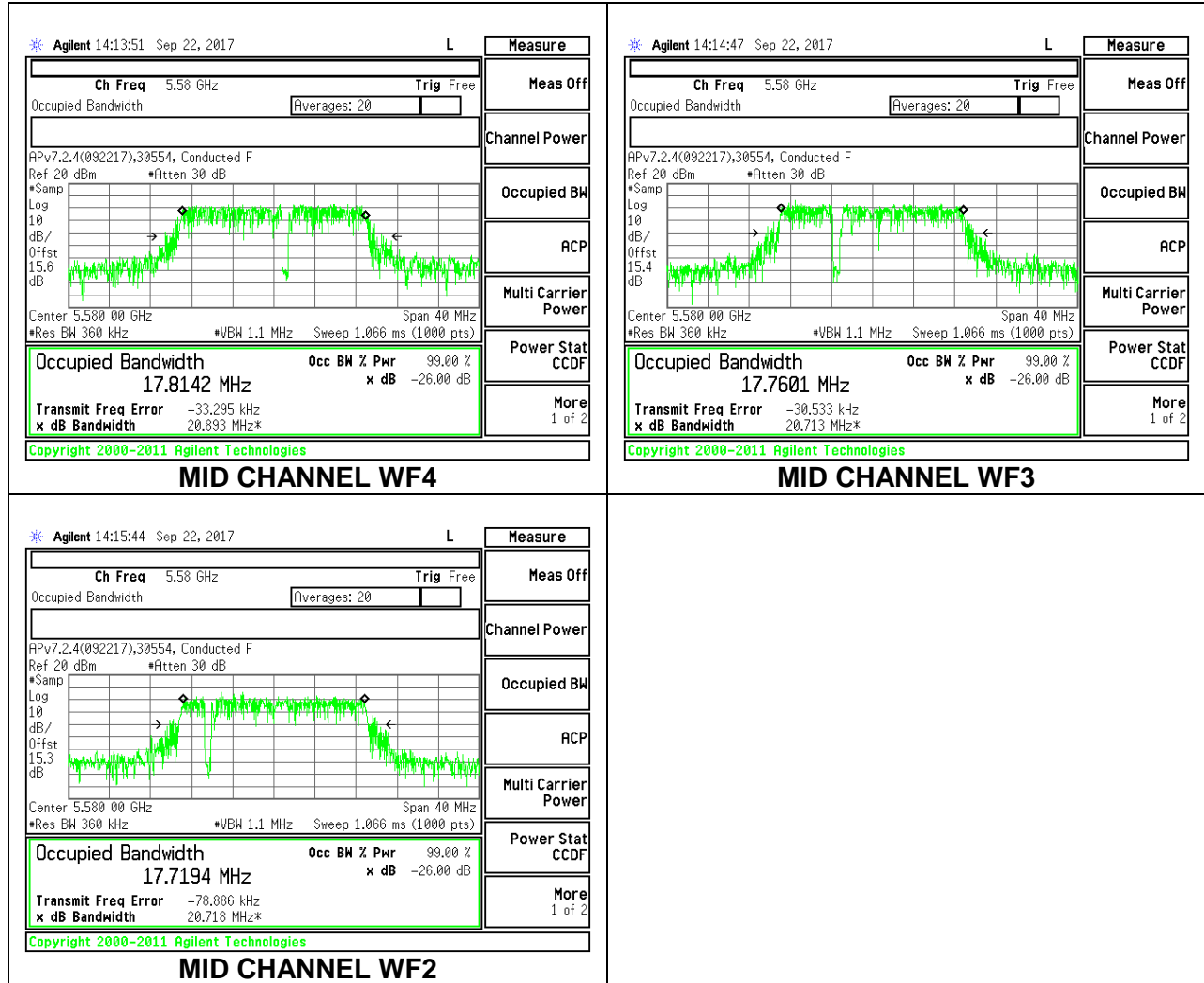


**LOW CHANNEL WF3**

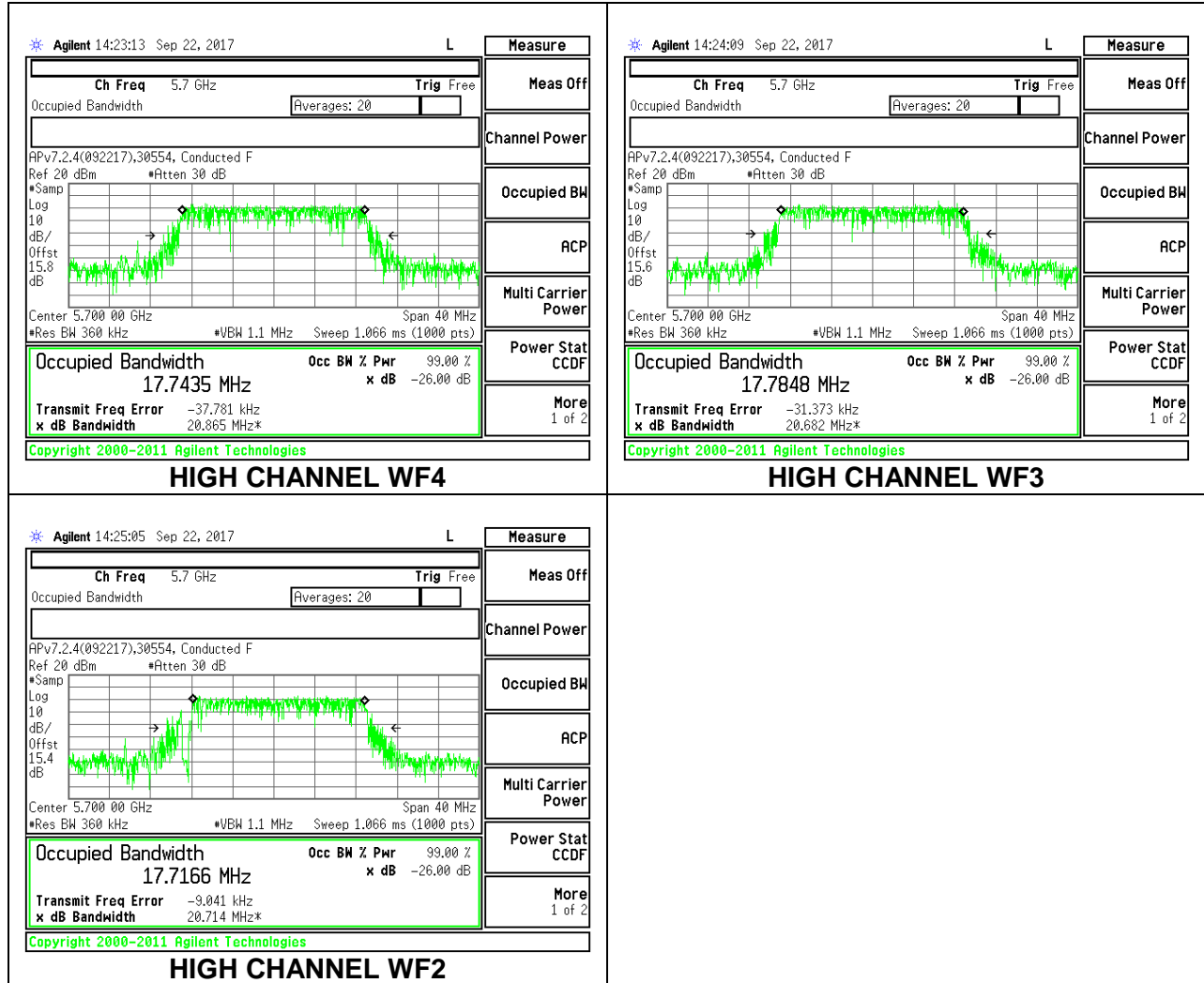


**LOW CHANNEL WF2**

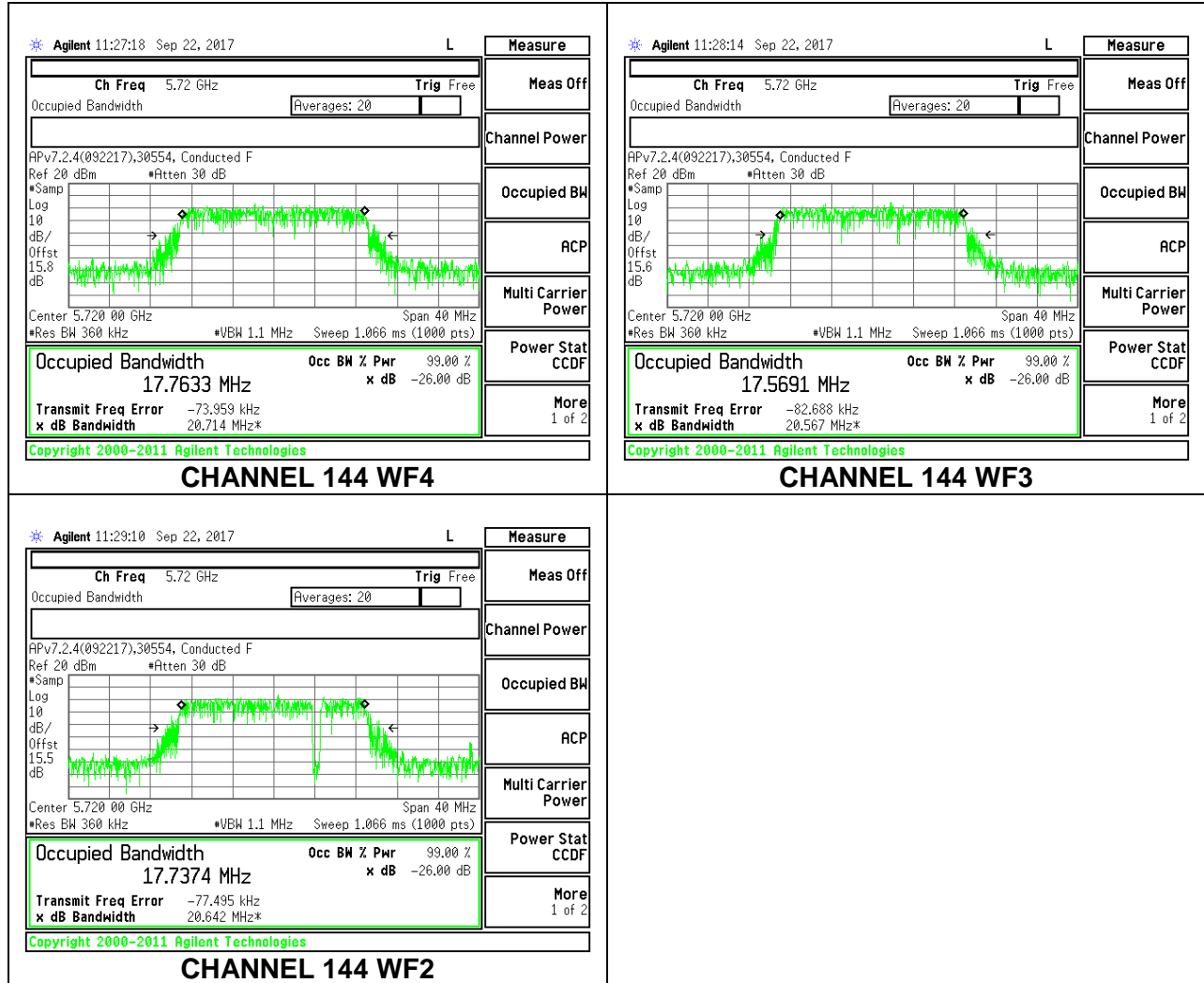
**MID CHANNEL**



### HIGH CHANNEL



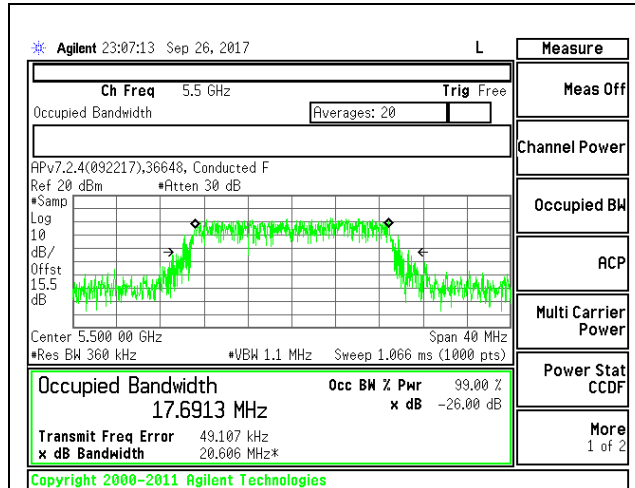
### CHANNEL 144



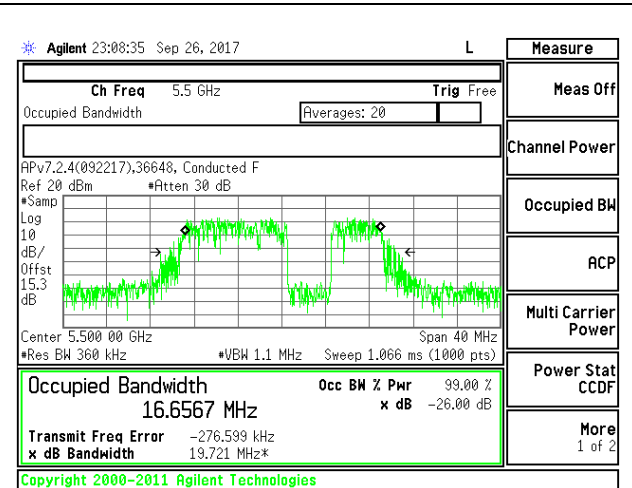
**3TX Antenna WF4 + Antenna WF3 + Antenna WF2 BF Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5500	17.6910	16.6570	17.6830
Mid	5580	17.5800	17.4260	17.4575
High	5700	17.7060	17.7670	17.5440
144	5720	17.7040	17.1780	18.2705

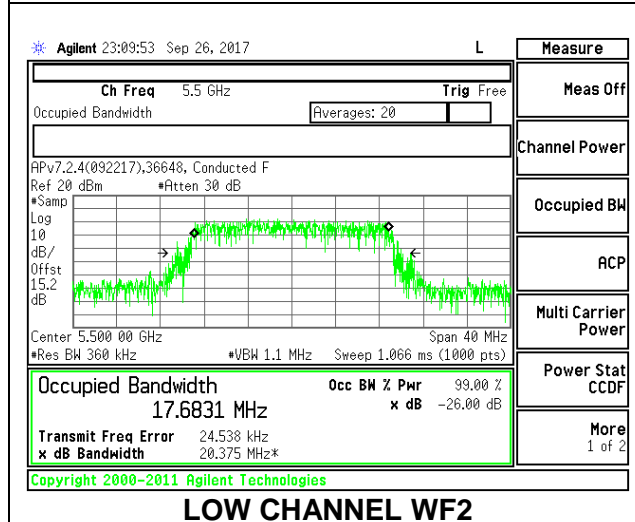
**LOW CHANNEL**



**LOW CHANNEL WF4**

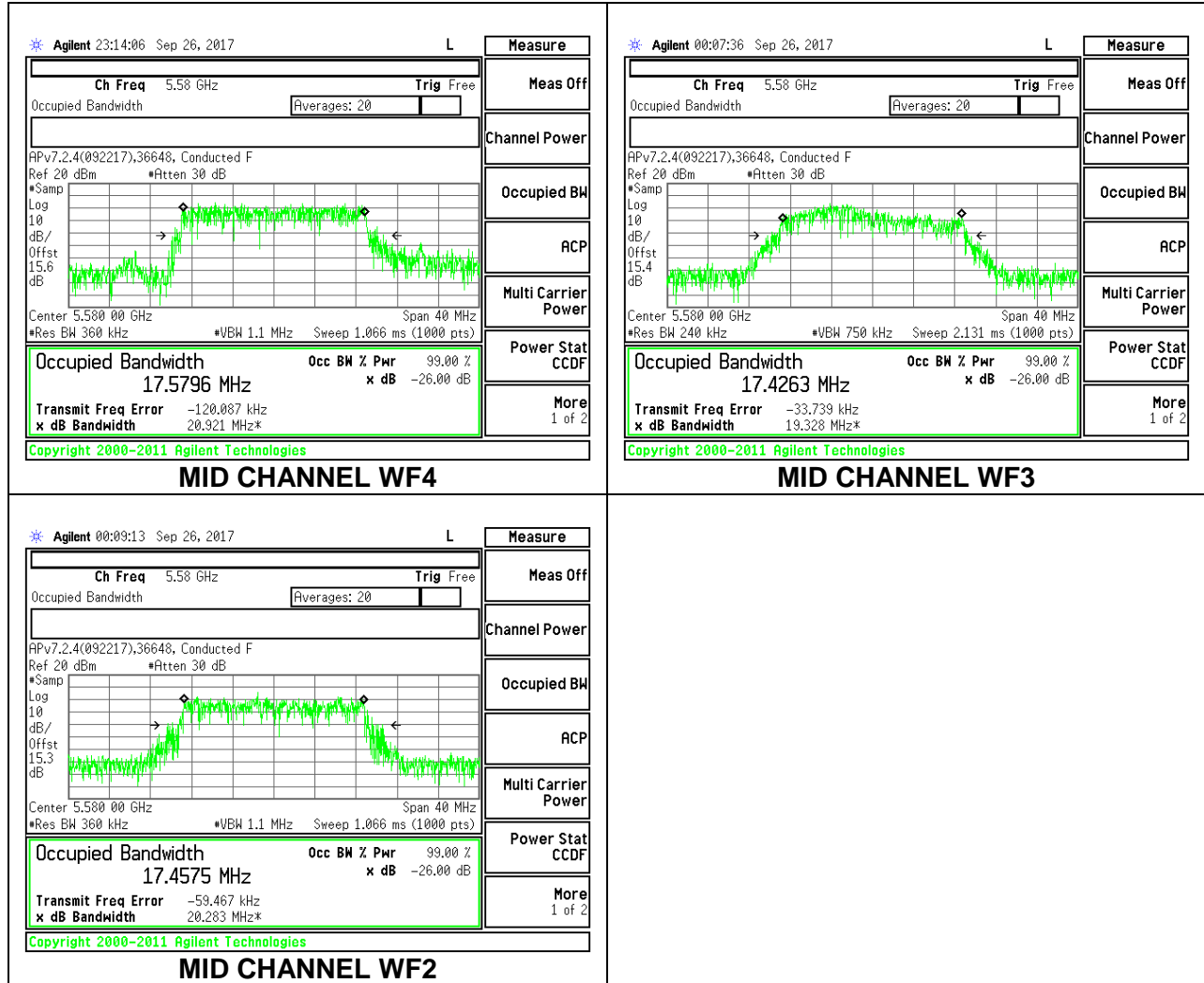


**LOW CHANNEL WF3**



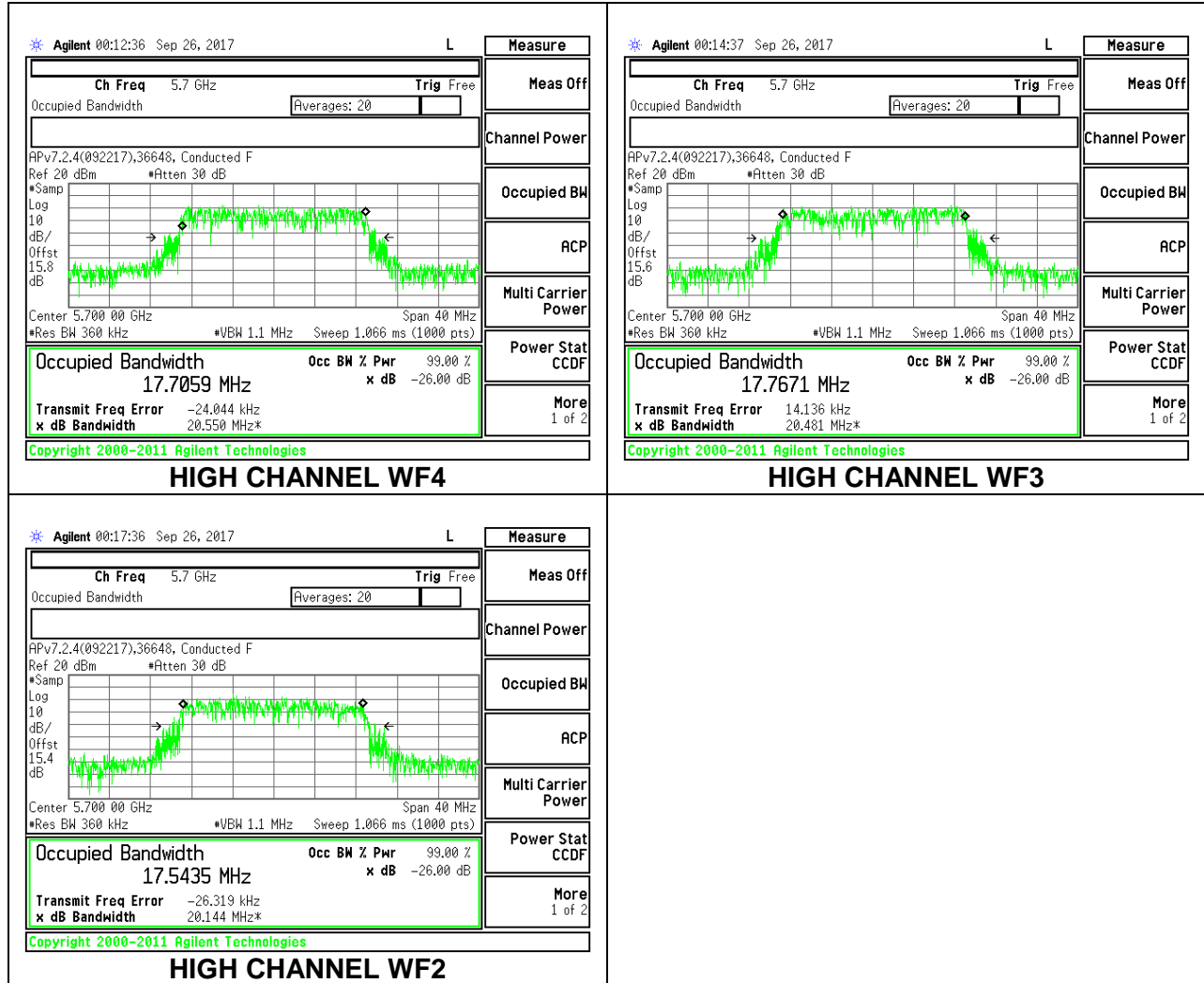
**LOW CHANNEL WF2**

**MID CHANNEL**

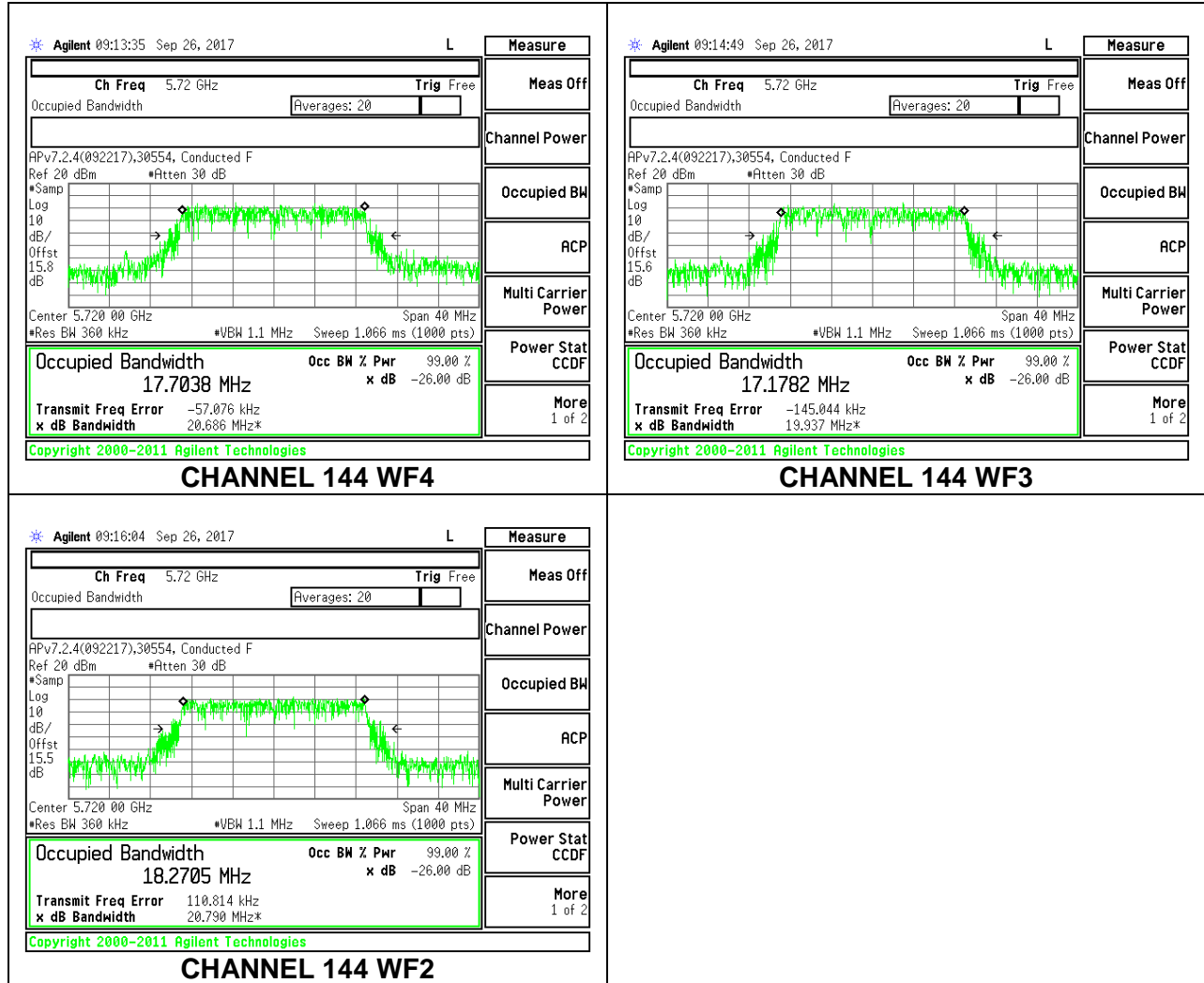




**HIGH CHANNEL**



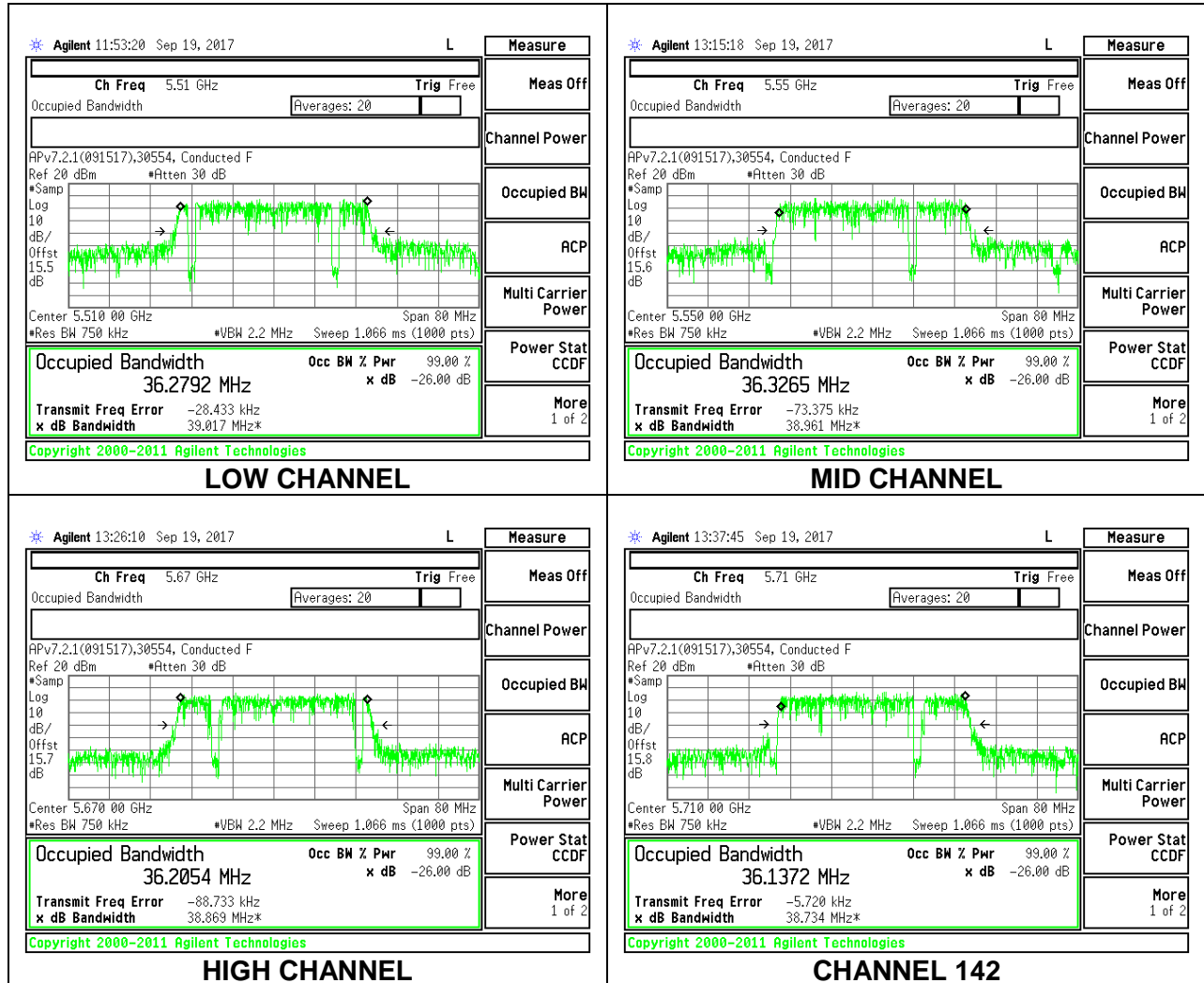
### CHANNEL 144



### 4.3.8. 802.11n HT40 MODE IN THE 5.6 GHz BAND

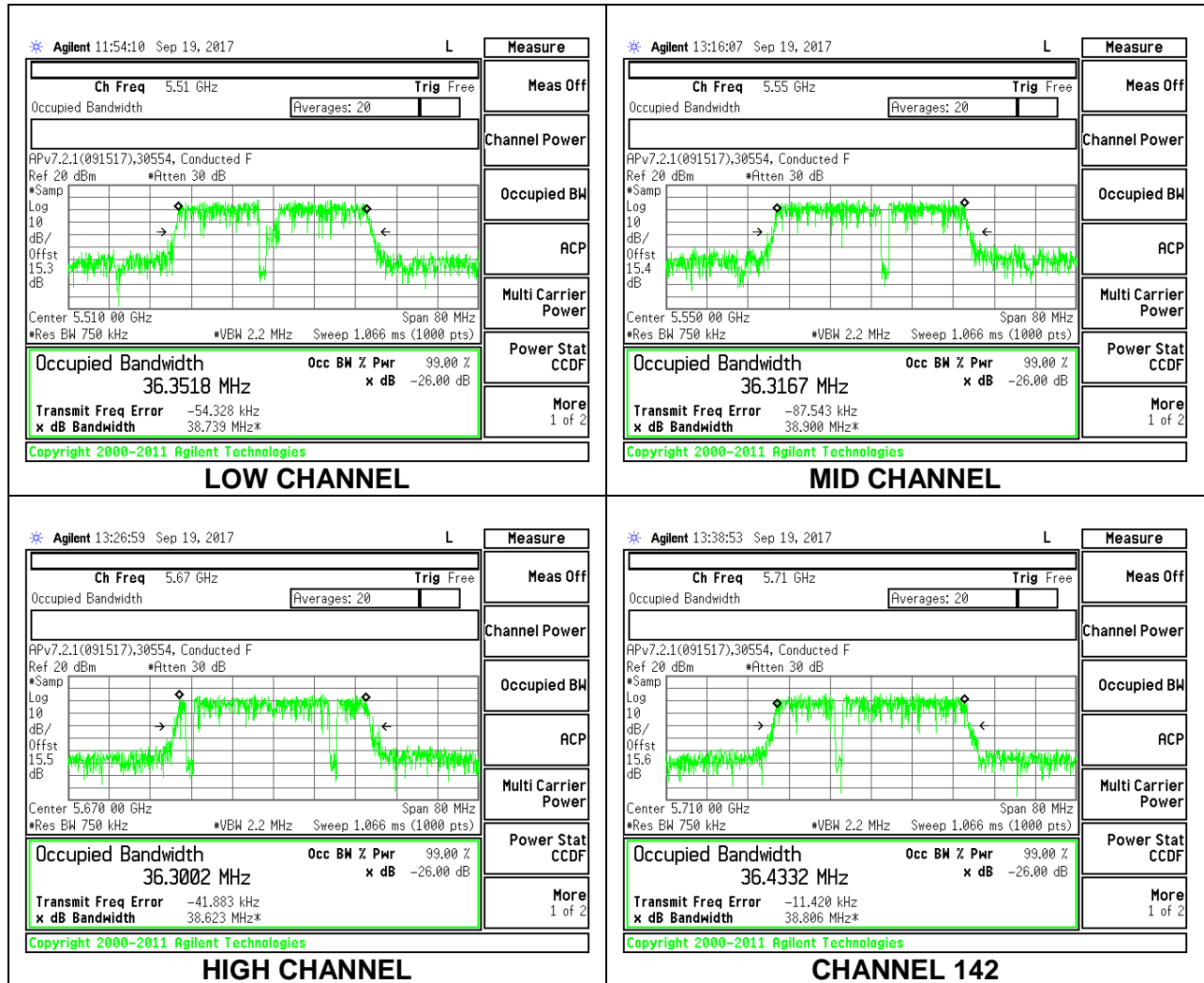
#### 1TX Antenna WF4

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5510	36.2790
Mid	5550	36.3265
High	5670	36.2050
142	5710	36.1370



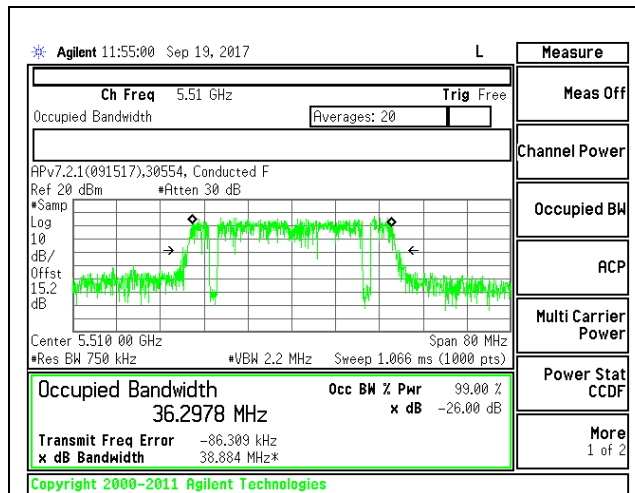
**1TX Antenna WF3**

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5510	36.3520
Mid	5550	36.3170
High	5670	36.3000
142	5710	36.4330

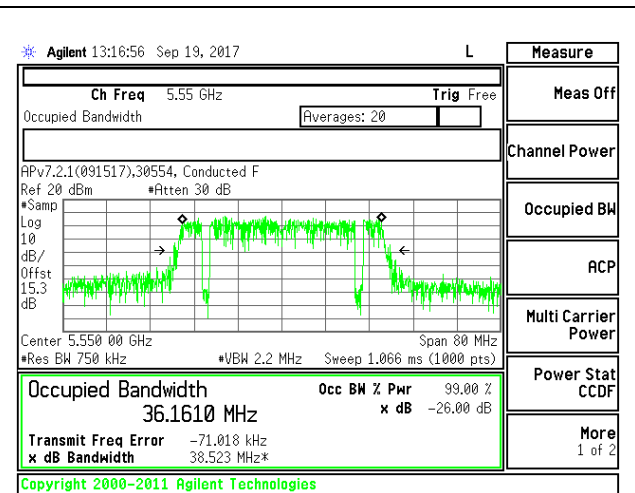


**1TX Antenna WF2**

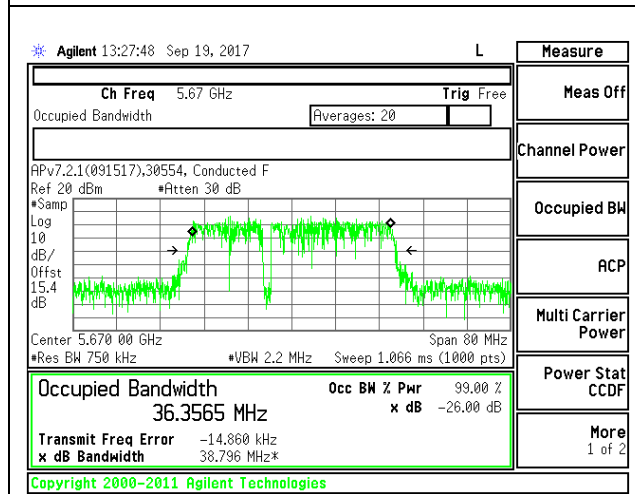
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5510	36.2980
Mid	5550	36.1610
High	5670	36.3565
142	5710	36.2630



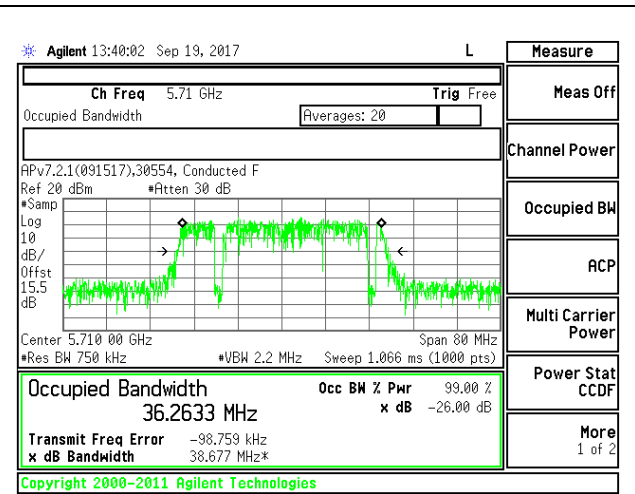
**LOW CHANNEL**



**MID CHANNEL**



**HIGH CHANNEL**



**CHANNEL 142**

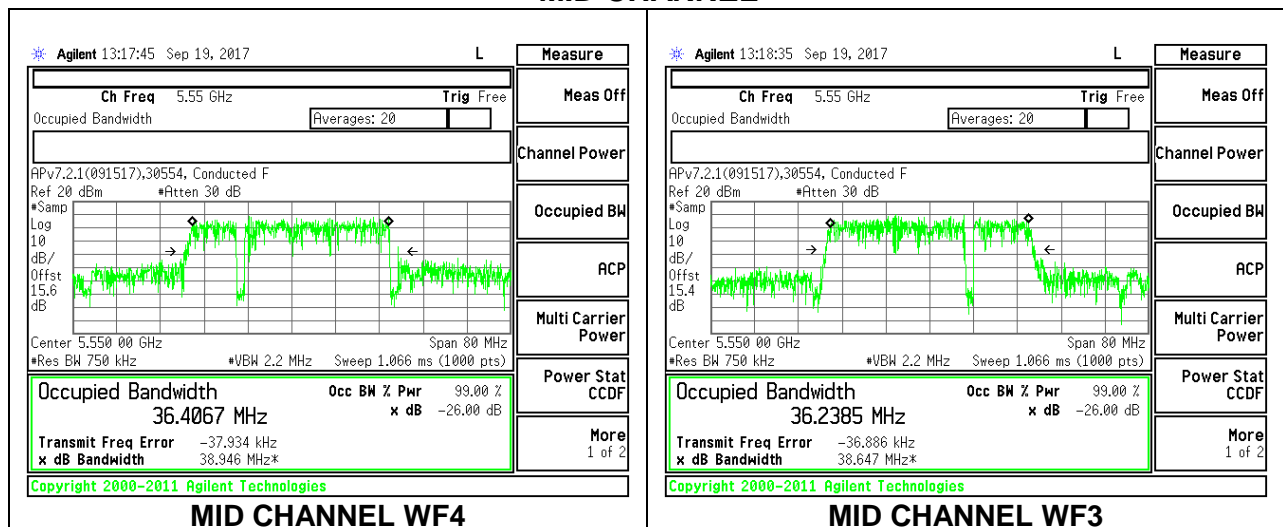
**2TX Antenna WF4 + Antenna WF3 CDD Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)
Low	5510	36.4560	36.2660
Mid	5550	36.4070	36.2385
High	5670	36.3460	36.2100
142	5710	36.3400	36.2280

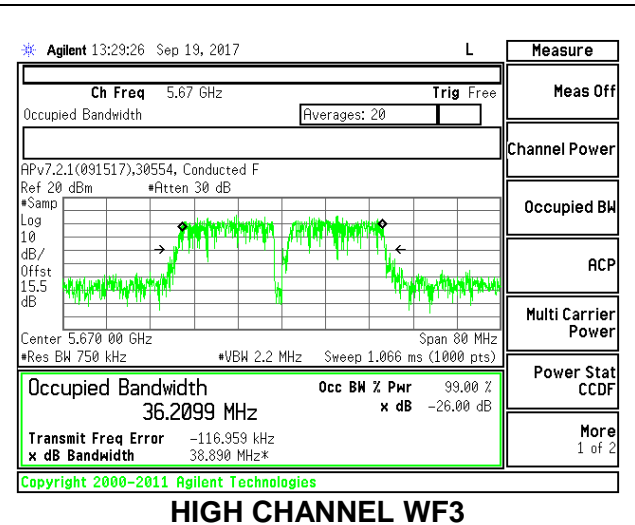
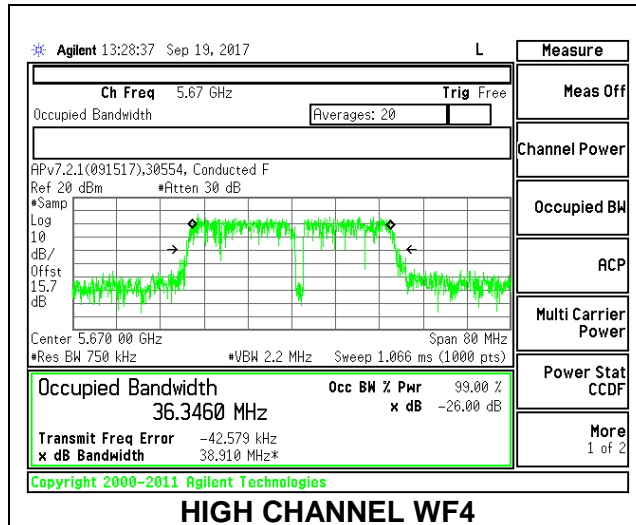
**LOW CHANNEL**



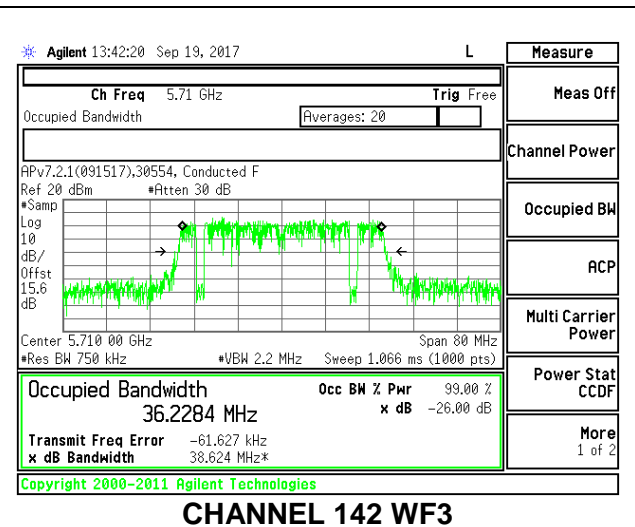
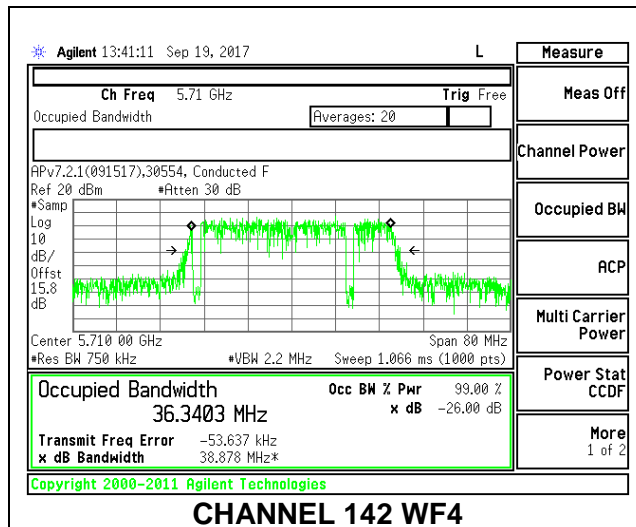
**MID CHANNEL**



### HIGH CHANNEL



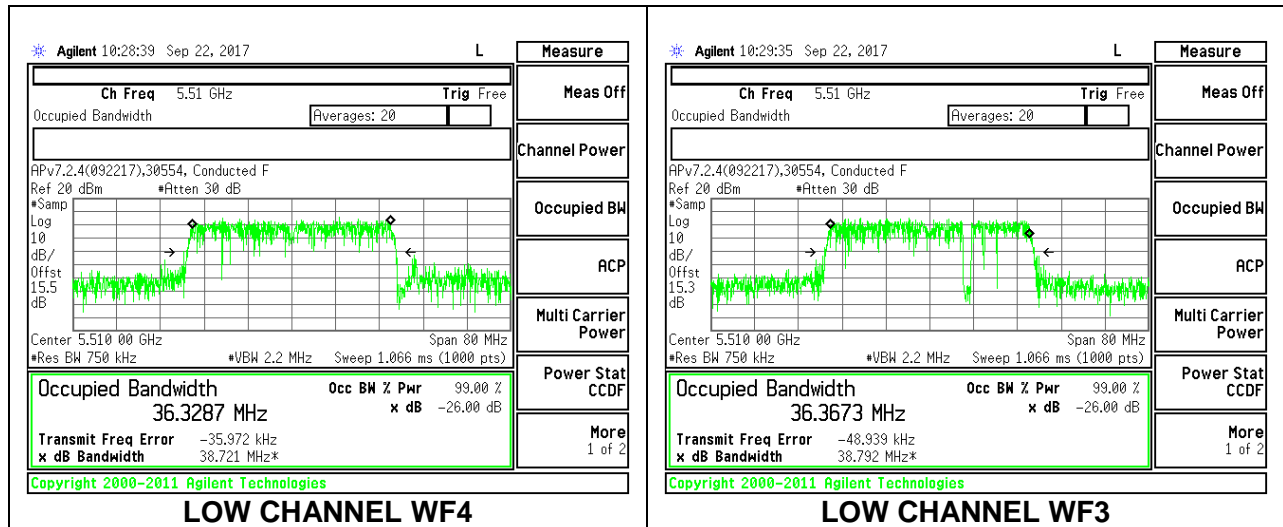
### CHANNEL 142



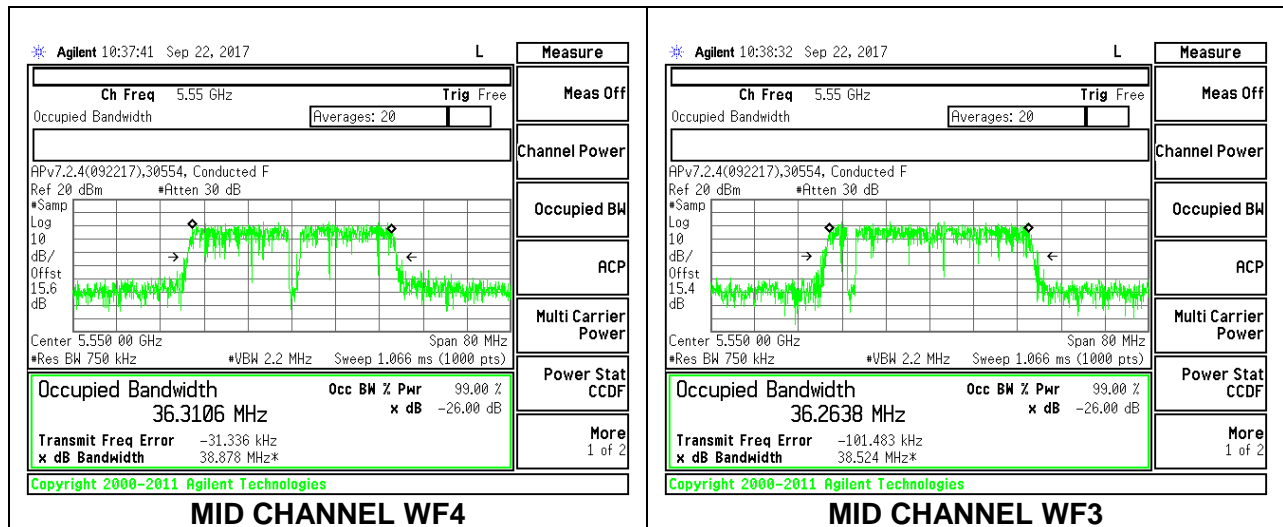
**2TX Antenna WF4 + Antenna WF3 SDM Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)
Low	5510	36.3290	36.3670
Mid	5550	36.3110	36.2640
High	5670	36.3730	36.2655
142	5710	36.2470	36.2630

**LOW CHANNEL**

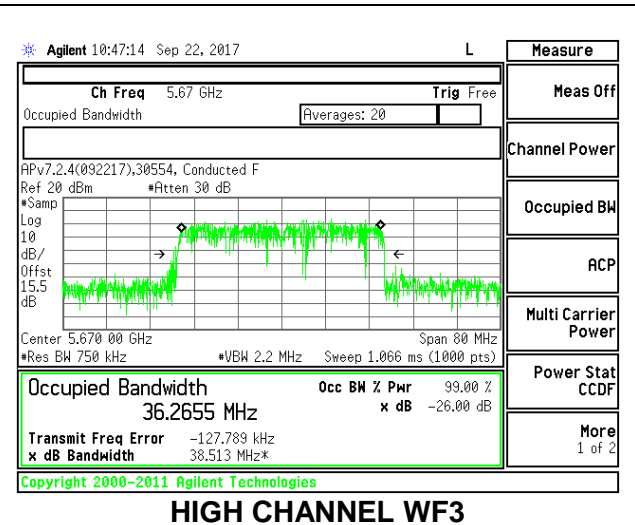
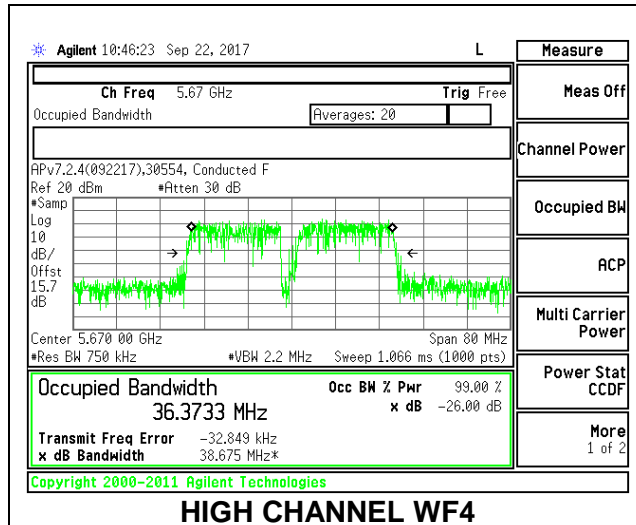


**MID CHANNEL**

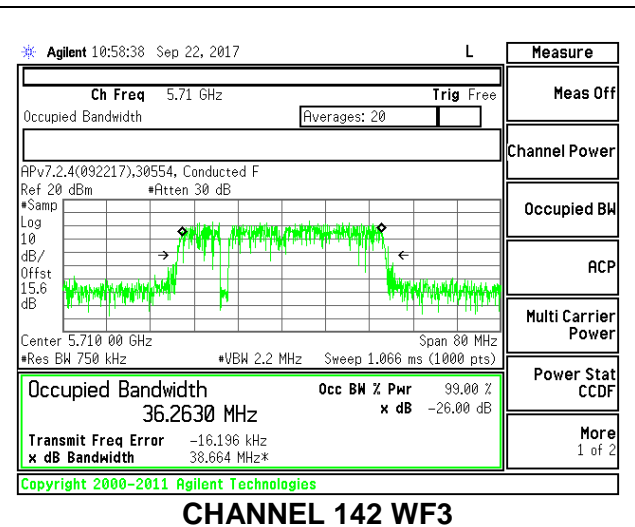
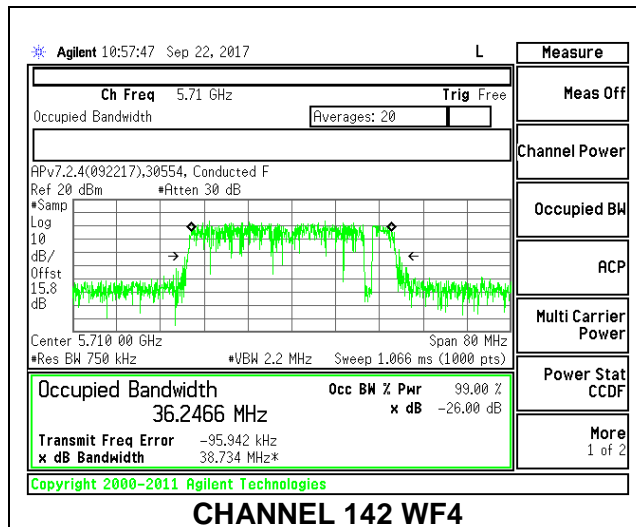




### HIGH CHANNEL



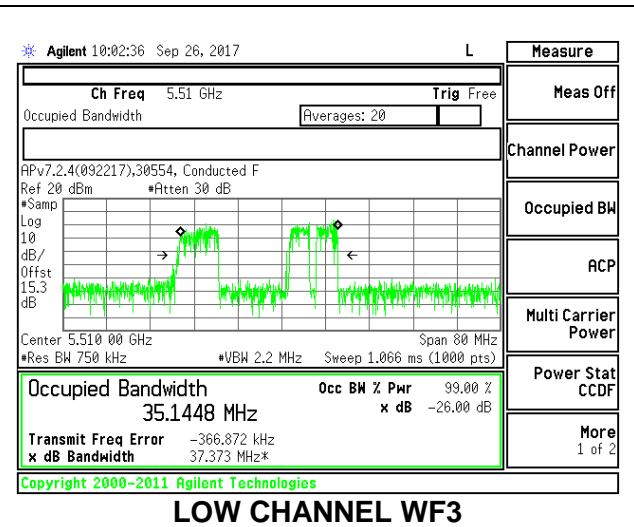
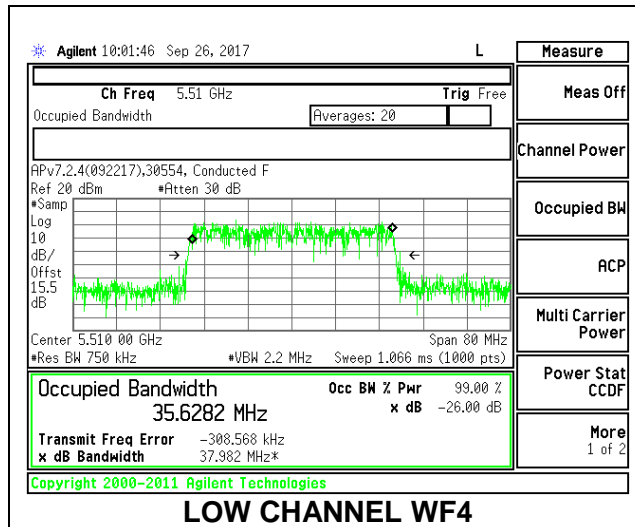
### CHANNEL 142



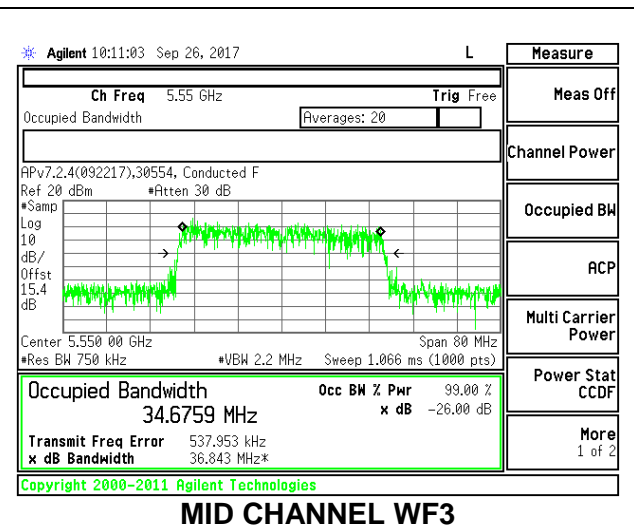
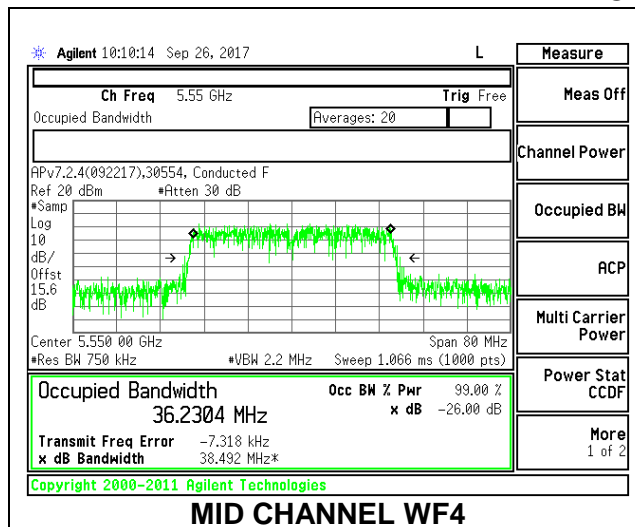
**2TX Antenna WF4 + Antenna WF3 BF Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)
Low	5510	35.6280	35.1450
Mid	5550	36.2300	34.6760
High	5670	34.1280	33.0660
142	5710	33.1810	35.0320

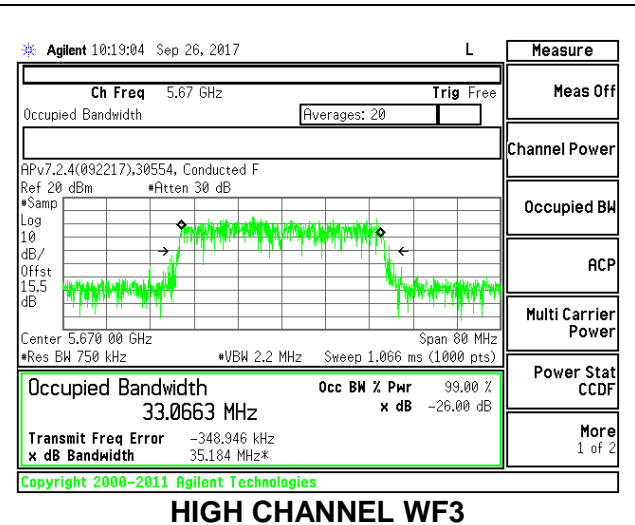
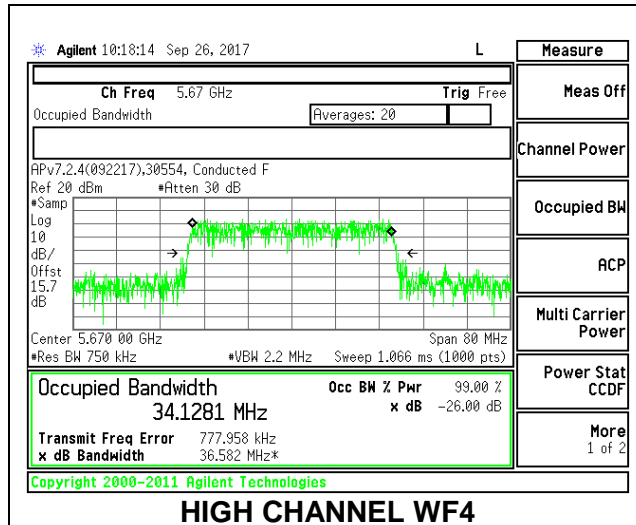
**LOW CHANNEL**



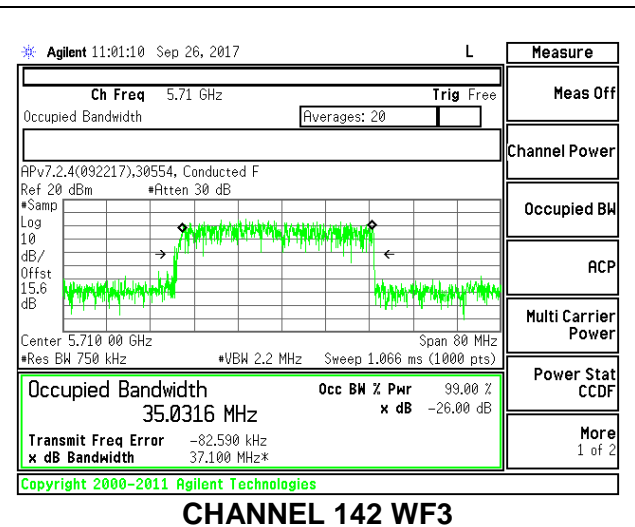
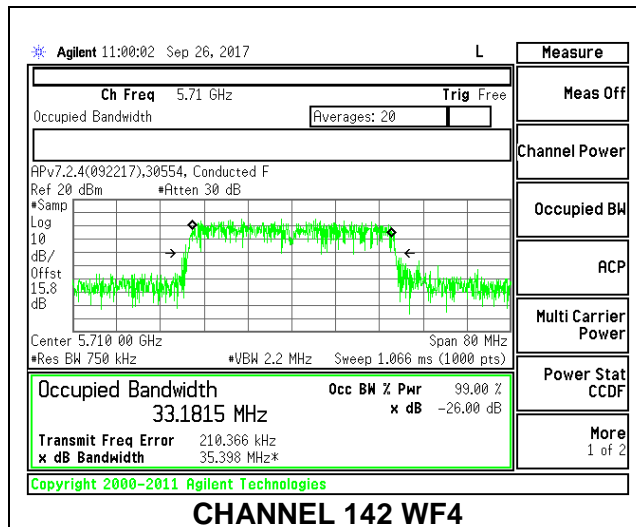
**MID CHANNEL**



### HIGH CHANNEL



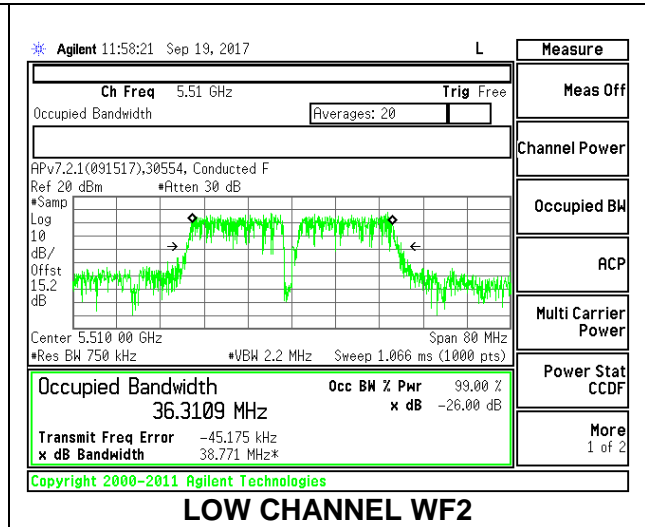
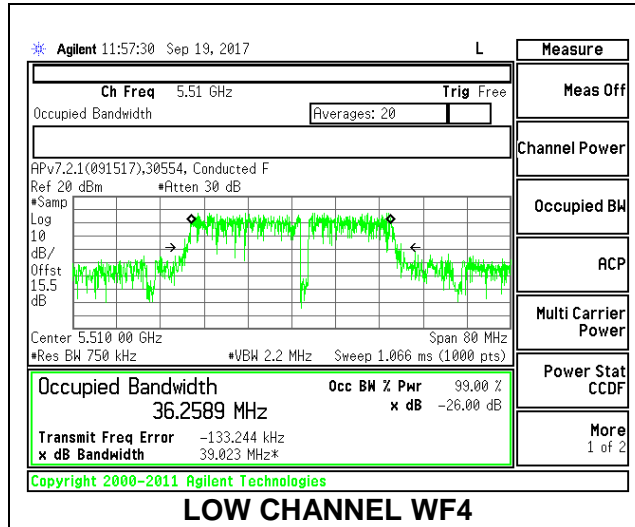
### CHANNEL 142



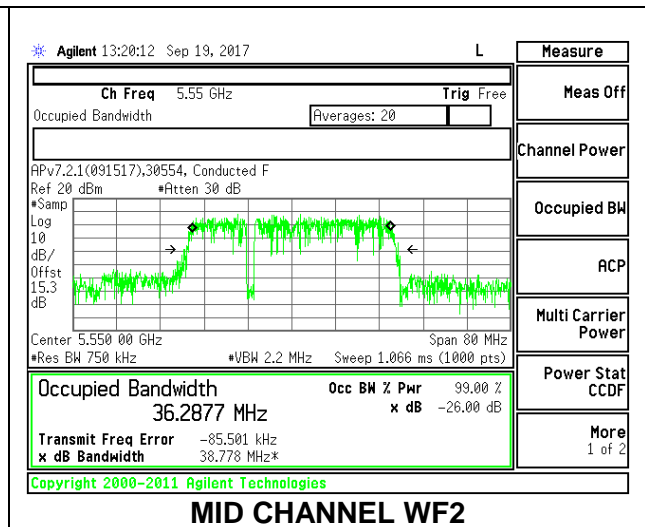
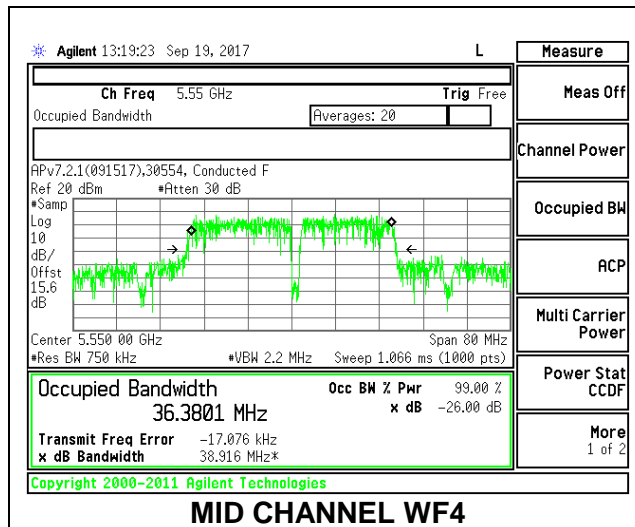
**2TX Antenna WF4 + Antenna WF2 CDD Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Low	5510	36.2590	36.3110
Mid	5550	36.3800	36.2880
High	5670	36.2160	36.3850
142	5710	36.2830	36.2176

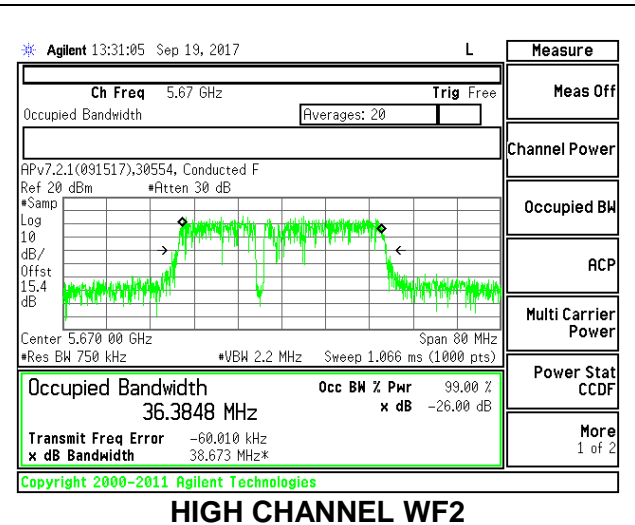
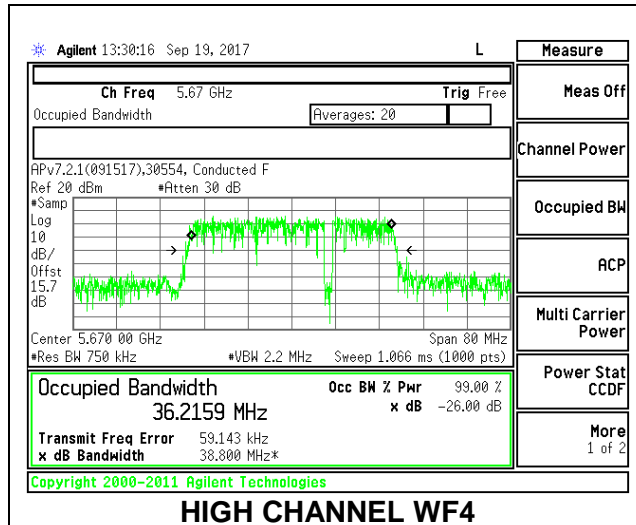
**LOW CHANNEL**



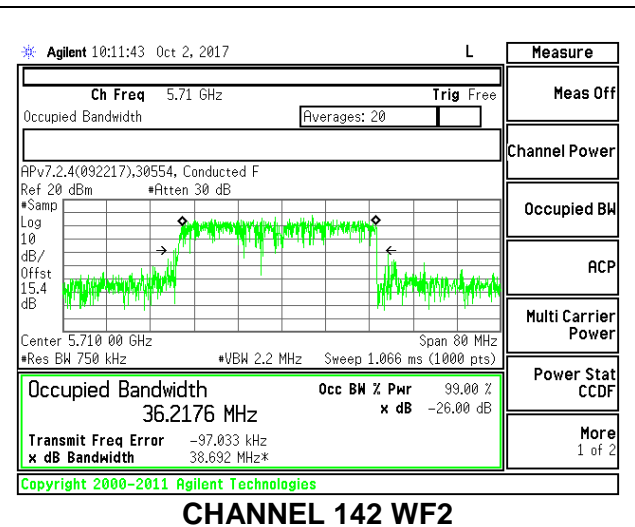
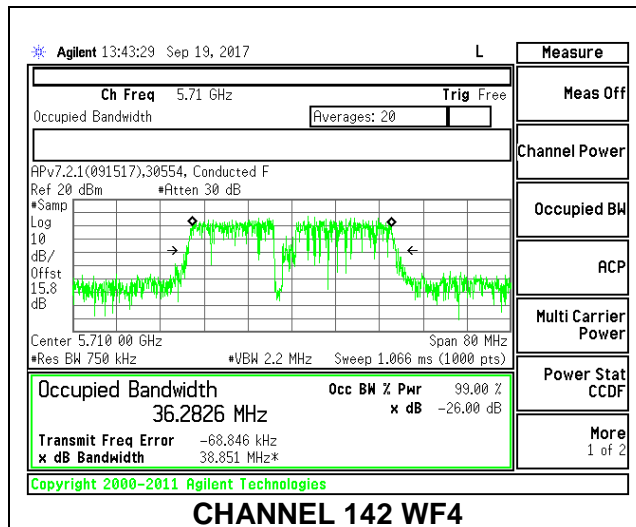
**MID CHANNEL**



### HIGH CHANNEL



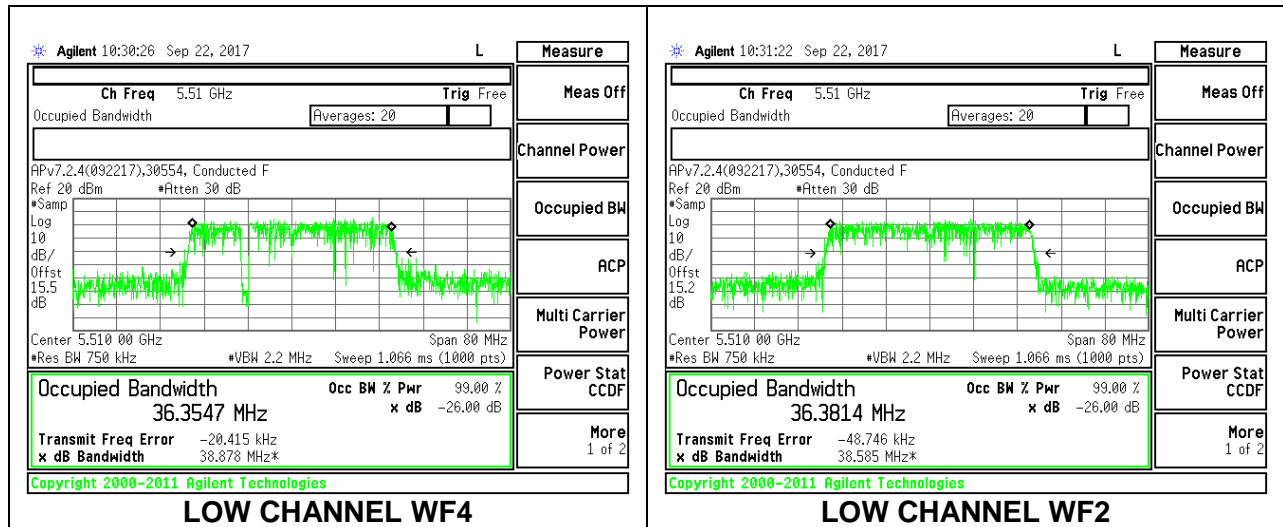
### CHANNEL 142



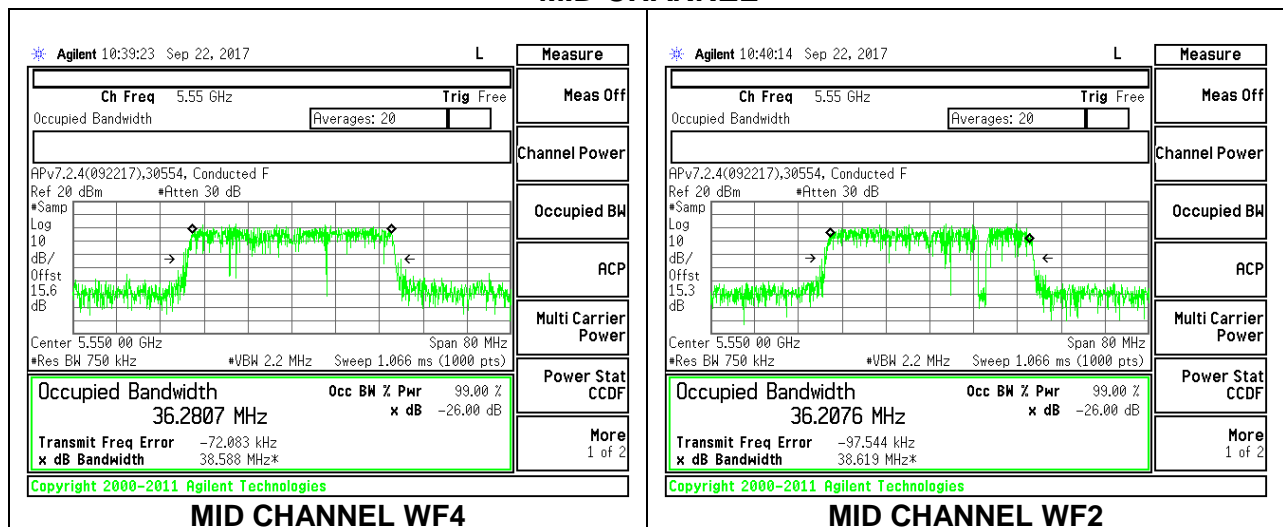
**2TX Antenna WF4 + Antenna WF2 SDM Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Low	5510	36.3550	36.3810
Mid	5550	36.2810	36.2080
High	5670	36.2480	36.3125
142	5710	36.3090	36.1910

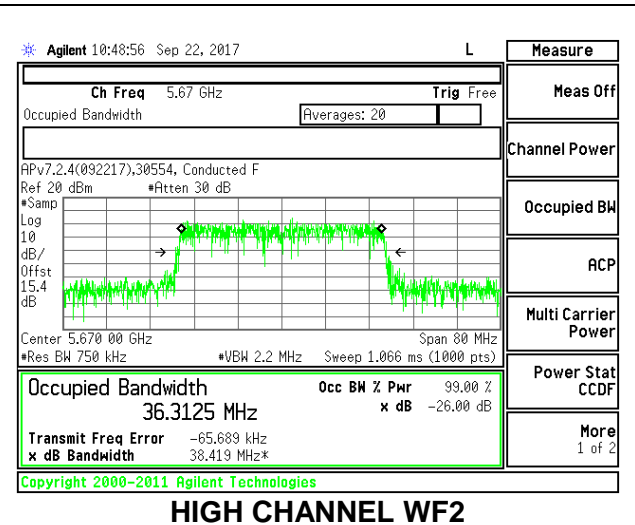
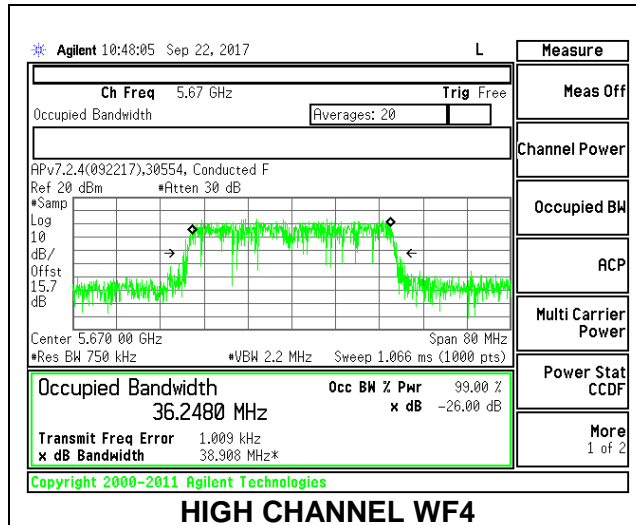
**LOW CHANNEL**



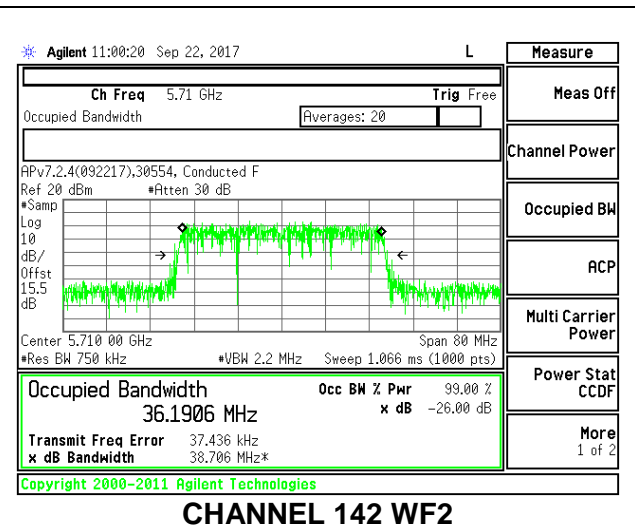
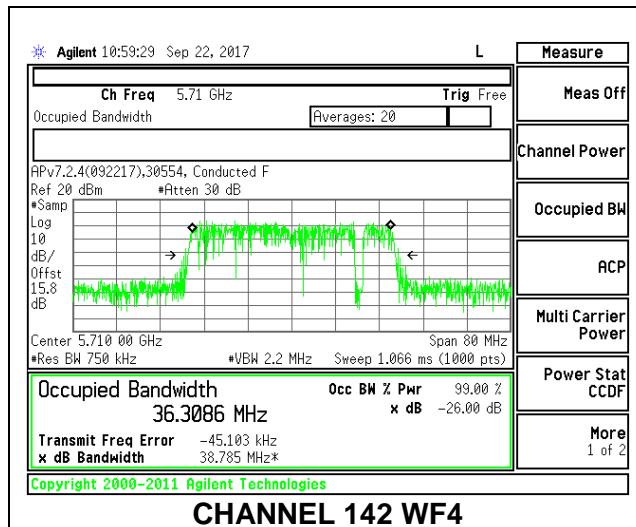
**MID CHANNEL**



### HIGH CHANNEL



### CHANNEL 142



**2TX Antenna WF4 + Antenna WF2 BF Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Low	5510	36.4180	36.1420
Mid	5550	34.3438	35.0010
High	5670	36.0470	35.3480
142	5710	35.7600	36.2770

**LOW CHANNEL**

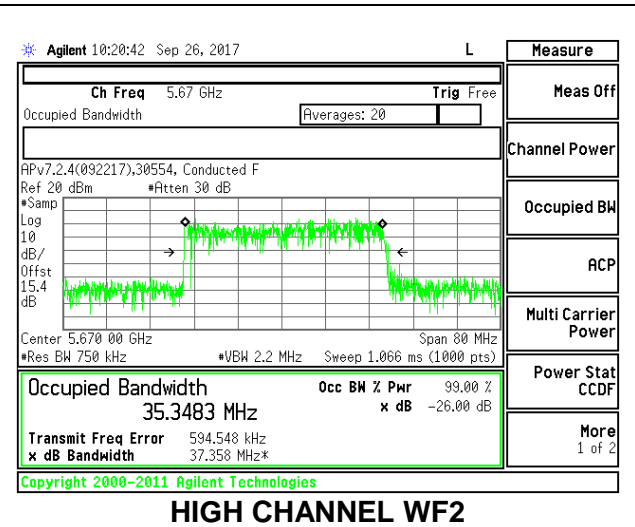
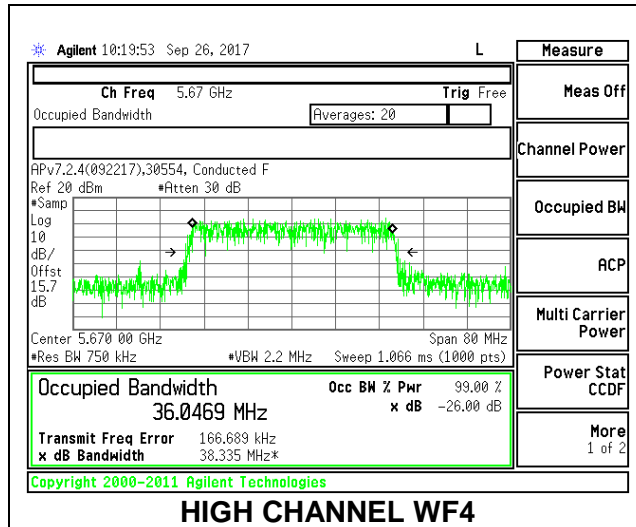
<p>Agilent 10:03:26 Sep 26, 2017</p> <p>Ch Freq 5.51 GHz Trig Free</p> <p>Occupied Bandwidth Averages: 20</p> <p>APv7.2.4(092217),30554, Conducted F                  Ref 20 dBm *Atten 30 dB</p> <p>Center 5.510 00 GHz Span 80 MHz                  *Res BW 750 kHz *VBW 2.2 MHz Sweep 1.066 ms (1000 pts)</p> <p><b>Occupied Bandwidth</b> 36.4179 MHz                  Occ BM % Pwr 99.00 %                  x dB -26.00 dB</p> <p>Transmit Freq Error -36.390 kHz                  x dB Bandwidth 38.842 MHz*</p> <p>Copyright 2000-2011 Agilent Technologies</p> <p><b>LOW CHANNEL WF4</b></p>	<p>Agilent 10:04:16 Sep 26, 2017</p> <p>Ch Freq 5.51 GHz Trig Free</p> <p>Occupied Bandwidth Averages: 20</p> <p>APv7.2.4(092217),30554, Conducted F                  Ref 20 dBm *Atten 30 dB</p> <p>Center 5.510 00 GHz Span 80 MHz                  *Res BW 750 kHz *VBW 2.2 MHz Sweep 1.066 ms (1000 pts)</p> <p><b>Occupied Bandwidth</b> 36.1419 MHz                  Occ BM % Pwr 99.00 %                  x dB -26.00 dB</p> <p>Transmit Freq Error 126.897 kHz                  x dB Bandwidth 38.328 MHz*</p> <p>Copyright 2000-2011 Agilent Technologies</p> <p><b>LOW CHANNEL WF2</b></p>
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**MID CHANNEL**

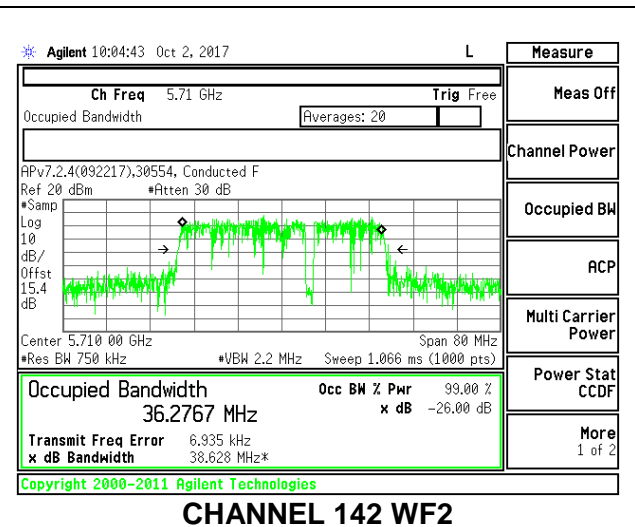
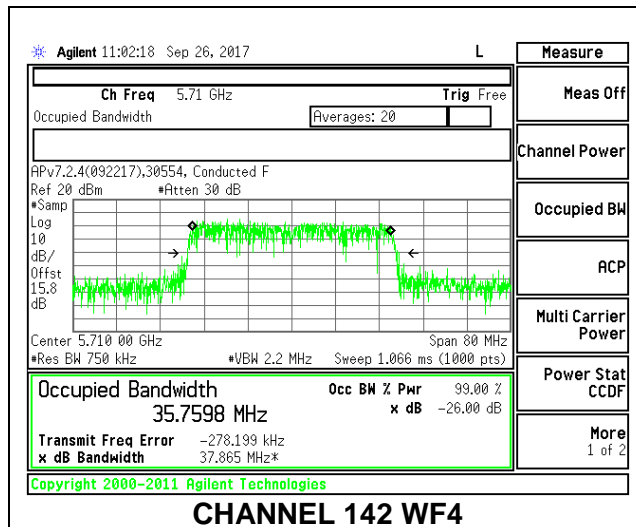
<p>Agilent 09:48:11 Sep 28, 2017</p> <p>Ch Freq 5.55 GHz Trig Free</p> <p>Occupied Bandwidth Averages: 20</p> <p>APv7.3(092617),30554, Conducted F                  Ref 20 dBm *Atten 30 dB</p> <p>Center 5.550 00 GHz Span 80 MHz                  *Res BW 750 kHz *VBW 2.2 MHz Sweep 1.066 ms (1000 pts)</p> <p><b>Occupied Bandwidth</b> 34.3438 MHz                  Occ BM % Pwr 99.00 %                  x dB -26.00 dB</p> <p>Transmit Freq Error -521.376 kHz                  x dB Bandwidth 36.575 MHz*</p> <p>Copyright 2000-2011 Agilent Technologies</p> <p><b>MID CHANNEL WF4</b></p>	<p>Agilent 10:12:42 Sep 26, 2017</p> <p>Ch Freq 5.55 GHz Trig Free</p> <p>Occupied Bandwidth Averages: 20</p> <p>APv7.2.4(092217),30554, Conducted F                  Ref 20 dBm *Atten 30 dB</p> <p>Center 5.550 00 GHz Span 80 MHz                  *Res BW 750 kHz *VBW 2.2 MHz Sweep 1.066 ms (1000 pts)</p> <p><b>Occupied Bandwidth</b> 35.0009 MHz                  Occ BM % Pwr 99.00 %                  x dB -26.00 dB</p> <p>Transmit Freq Error -689.670 kHz                  x dB Bandwidth 37.097 MHz*</p> <p>Copyright 2000-2011 Agilent Technologies</p> <p><b>MID CHANNEL WF2</b></p>
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### HIGH CHANNEL



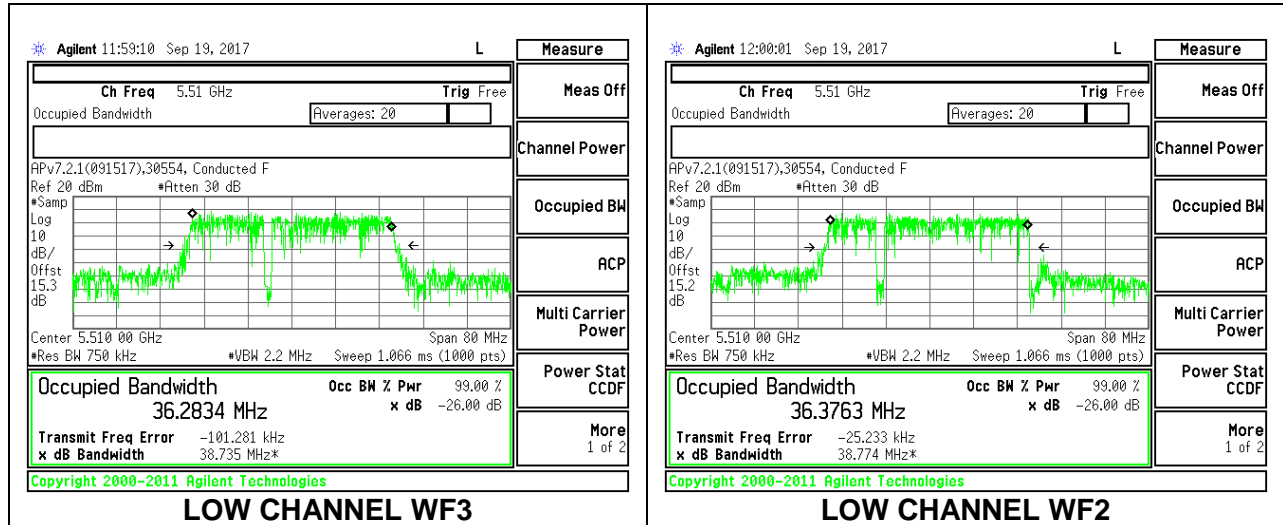
### CHANNEL 142



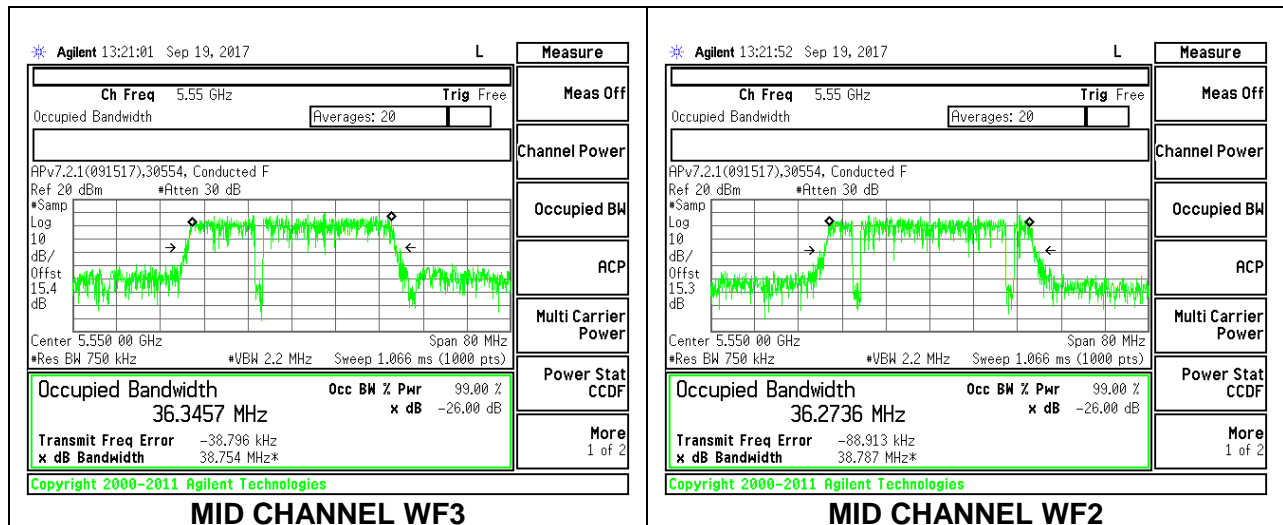
**2TX Antenna WF3 + Antenna WF2 CDD Mode**

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5510	36.2830	36.3760
Mid	5550	36.3460	36.2740
High	5670	36.3580	36.1500
142	5710	36.1530	36.2020

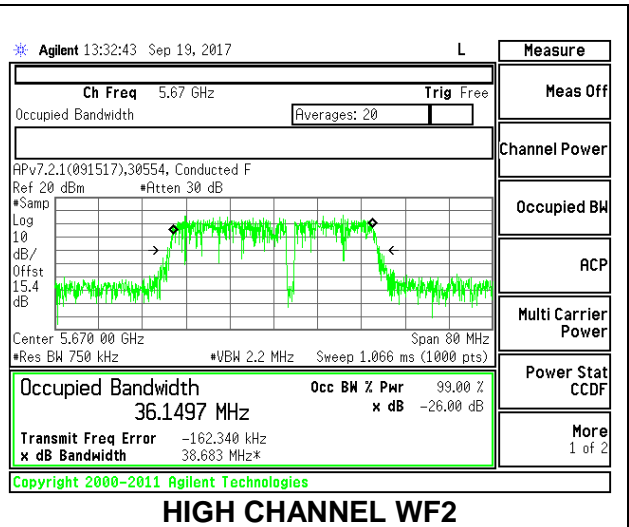
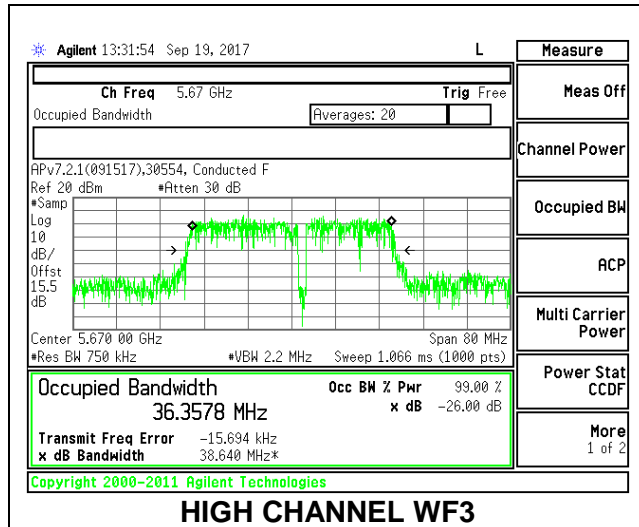
**LOW CHANNEL**



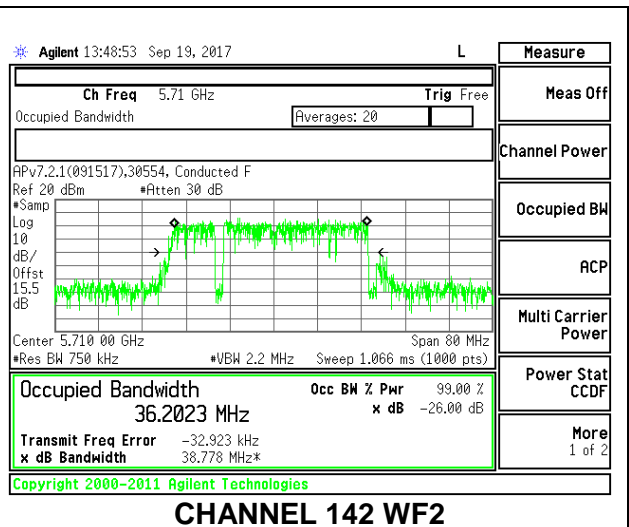
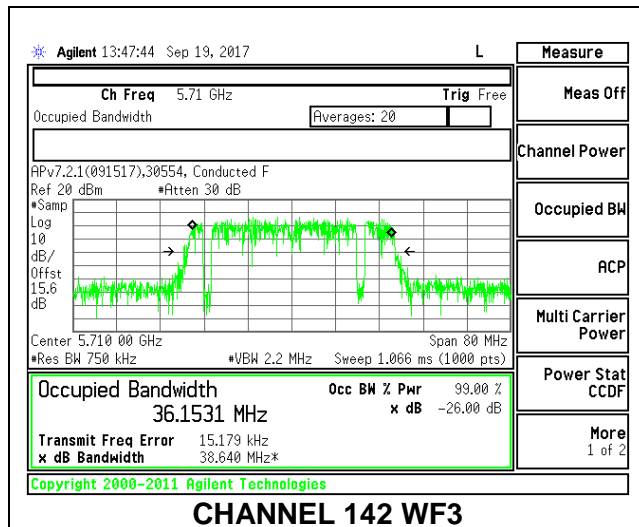
**MID CHANNEL**



### HIGH CHANNEL



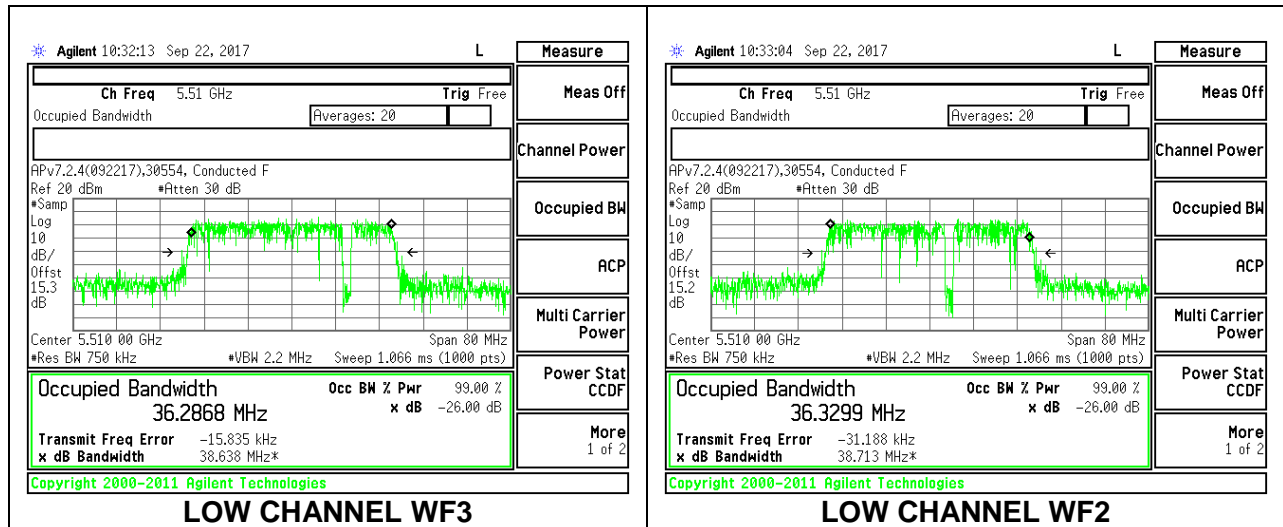
### CHANNEL 142



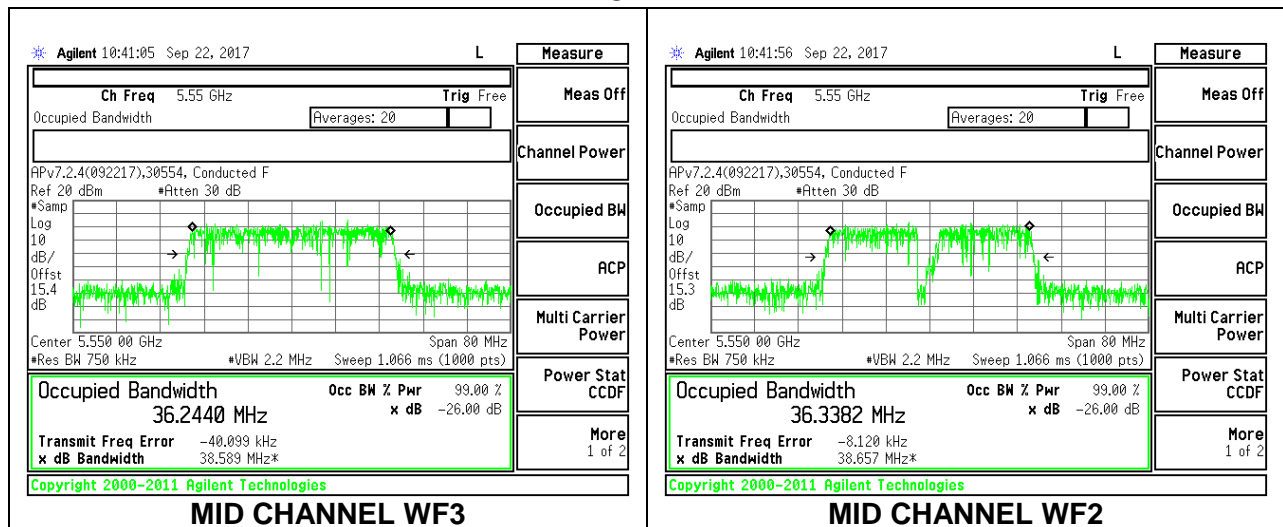
**2TX Antenna WF3 + Antenna WF2 SDM Mode**

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5510	36.2870	36.3300
Mid	5550	36.2440	36.3380
High	5670	36.3640	36.3250
142	5710	36.2920	36.2440

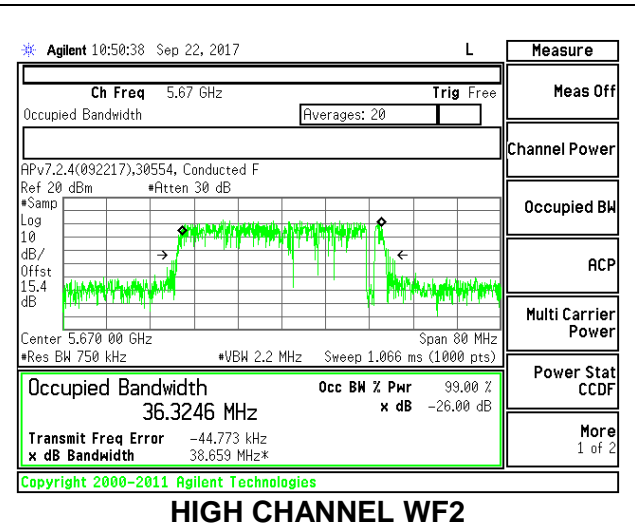
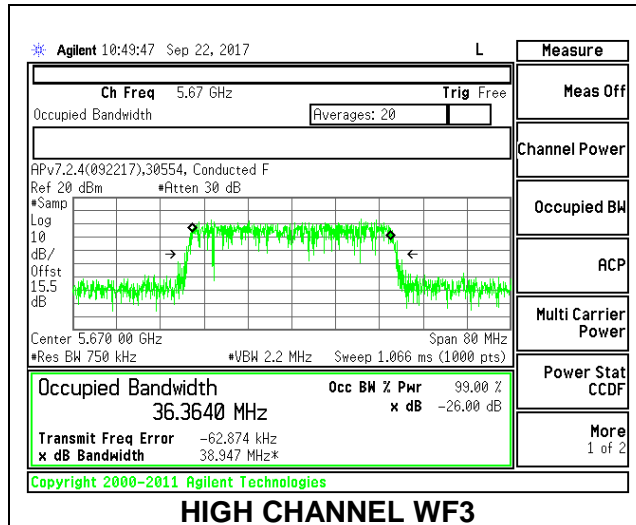
**LOW CHANNEL**



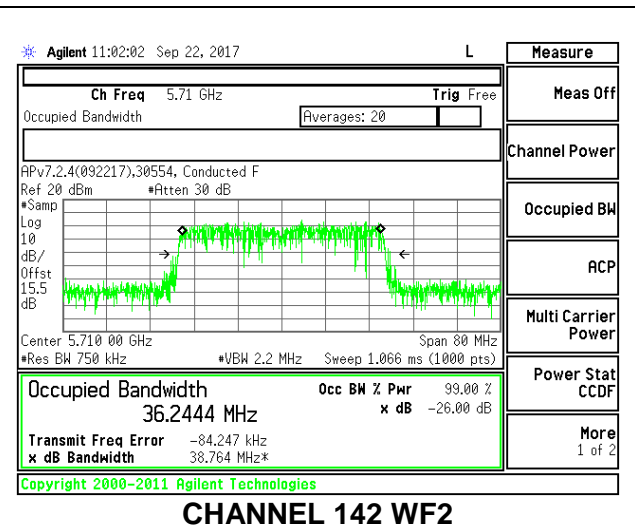
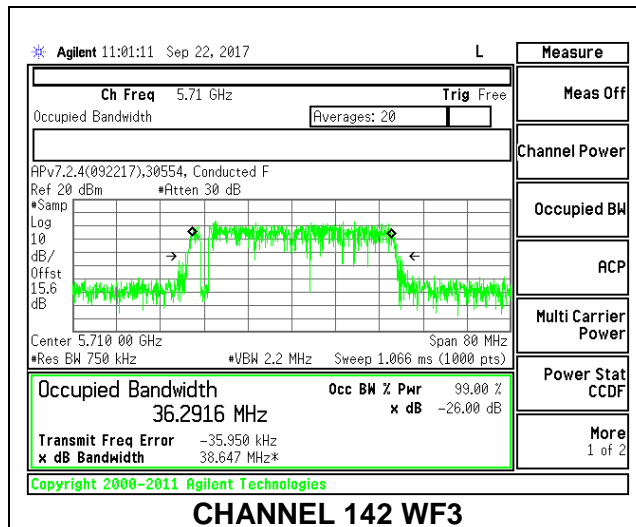
**MID CHANNEL**



### HIGH CHANNEL



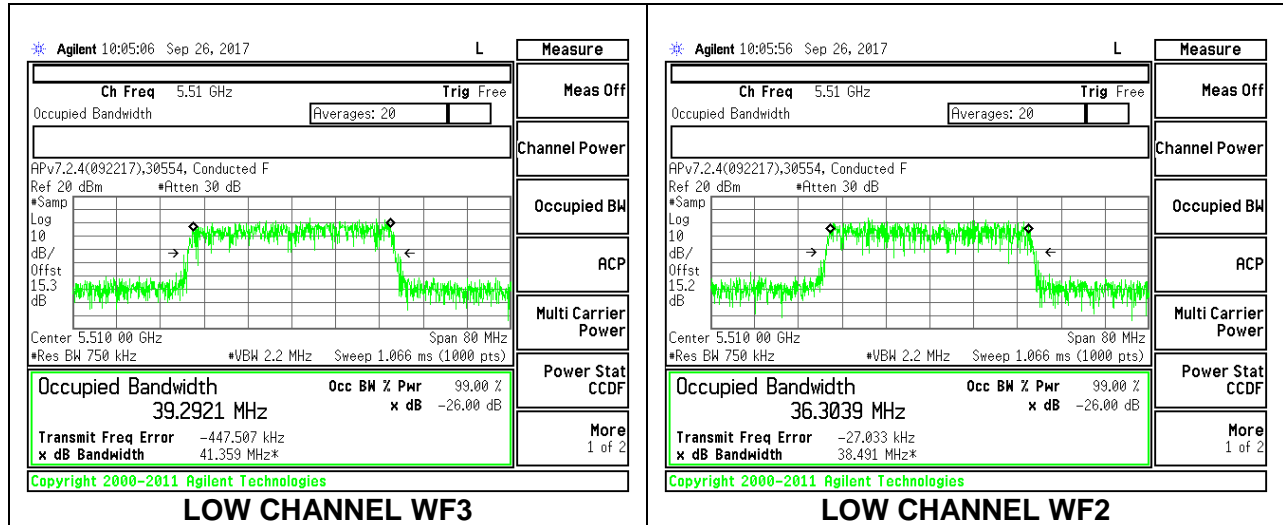
### CHANNEL 142



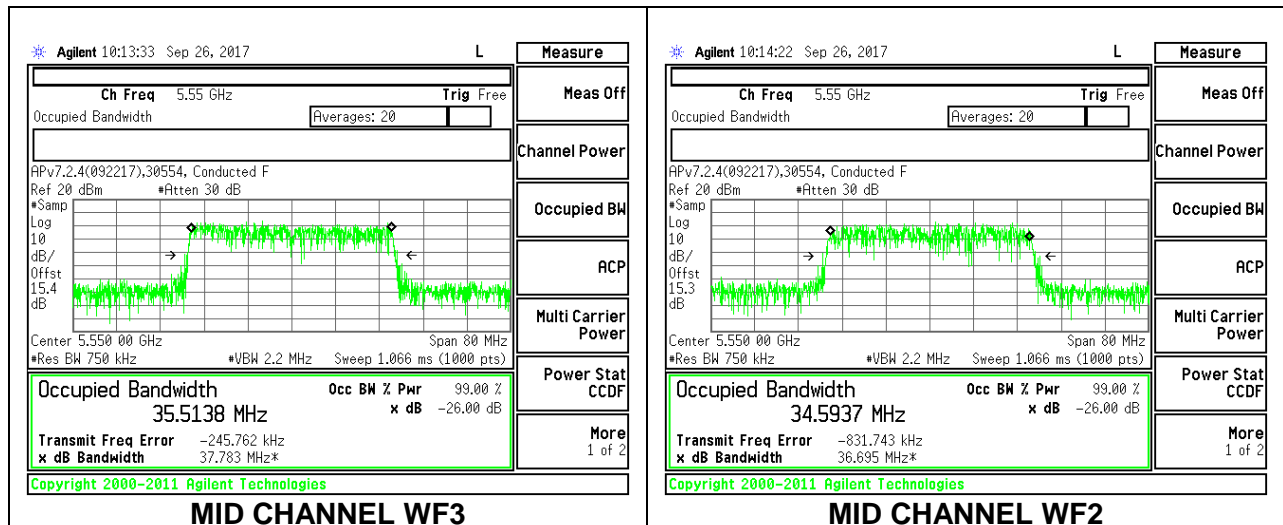
**2TX Antenna WF3 + Antenna WF2 BF Mode**

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5510	39.2920	36.3040
Mid	5550	35.5140	34.5940
High	5670	34.2610	36.1610
142	5710	36.9520	35.8820

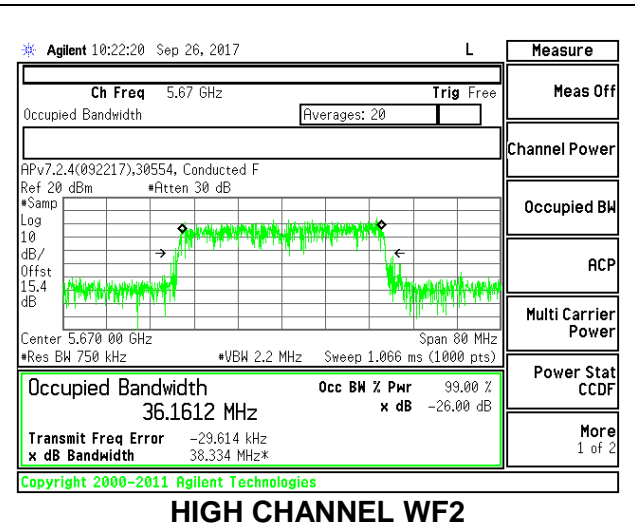
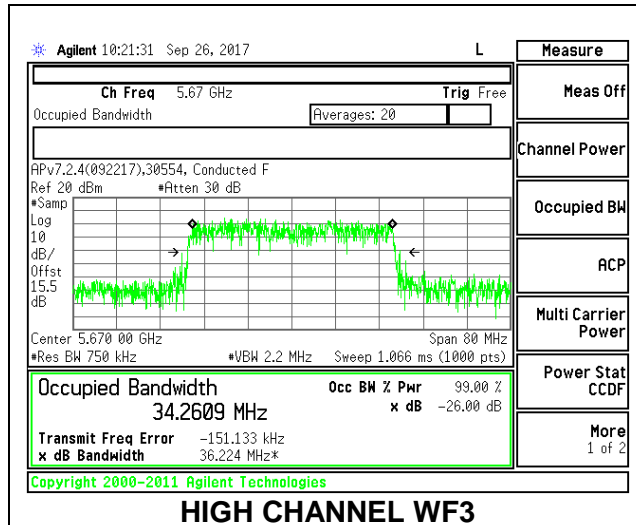
**LOW CHANNEL**



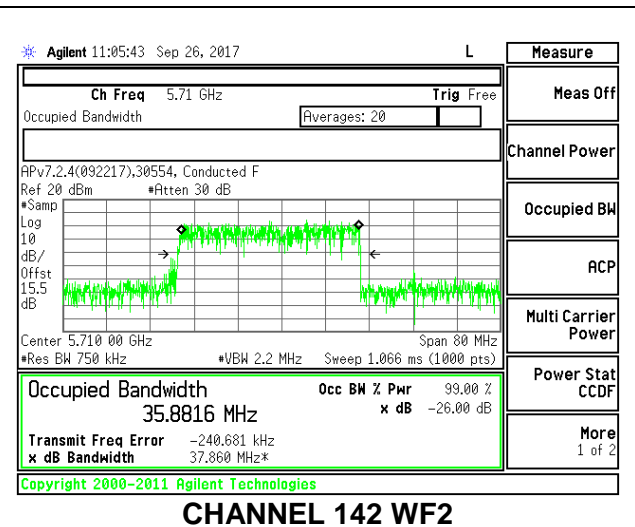
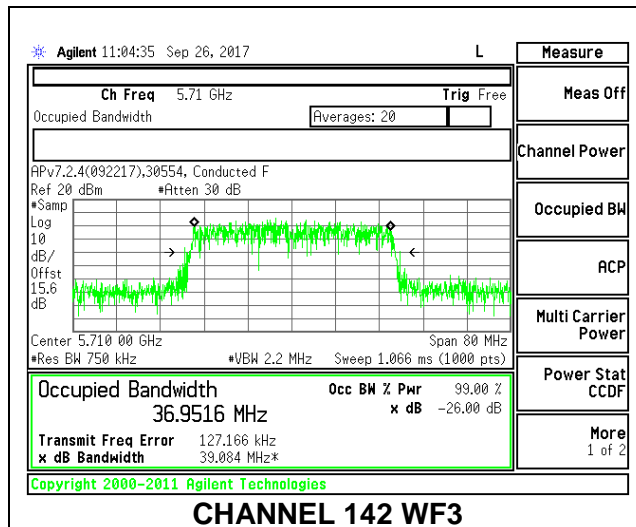
**MID CHANNEL**



### HIGH CHANNEL



### CHANNEL 142



**3TX Antenna WF4 + Antenna WF3 + Antenna WF2 CDD Mode**

Channel	Frequency	99% Bandwidth WF4	99% Bandwidth WF3	99% Bandwidth WF2
	(MHz)	(MHz)	(MHz)	(MHz)
Low	5510	36.2210	36.3280	36.2730
Mid	5550	36.2120	36.4140	35.9840
High	5670	36.0960	36.3920	36.2920
142	5710	36.2790	36.2900	36.2670

**LOW CHANNEL**

**LOW CHANNEL WF4**

Agilent 12:00:52 Sep 19, 2017

Ch Freq 5.51 GHz

Occupied Bandwidth 36.2205 MHz

Transmit Freq Error -82.244 kHz

x dB Bandwidth 39.014 MHz\*

**LOW CHANNEL WF3**

Agilent 12:01:41 Sep 19, 2017

Ch Freq 5.51 GHz

Occupied Bandwidth 36.3283 MHz

Transmit Freq Error -18.844 kHz

x dB Bandwidth 38.949 MHz\*

**LOW CHANNEL WF2**

Agilent 12:02:31 Sep 19, 2017

Ch Freq 5.51 GHz

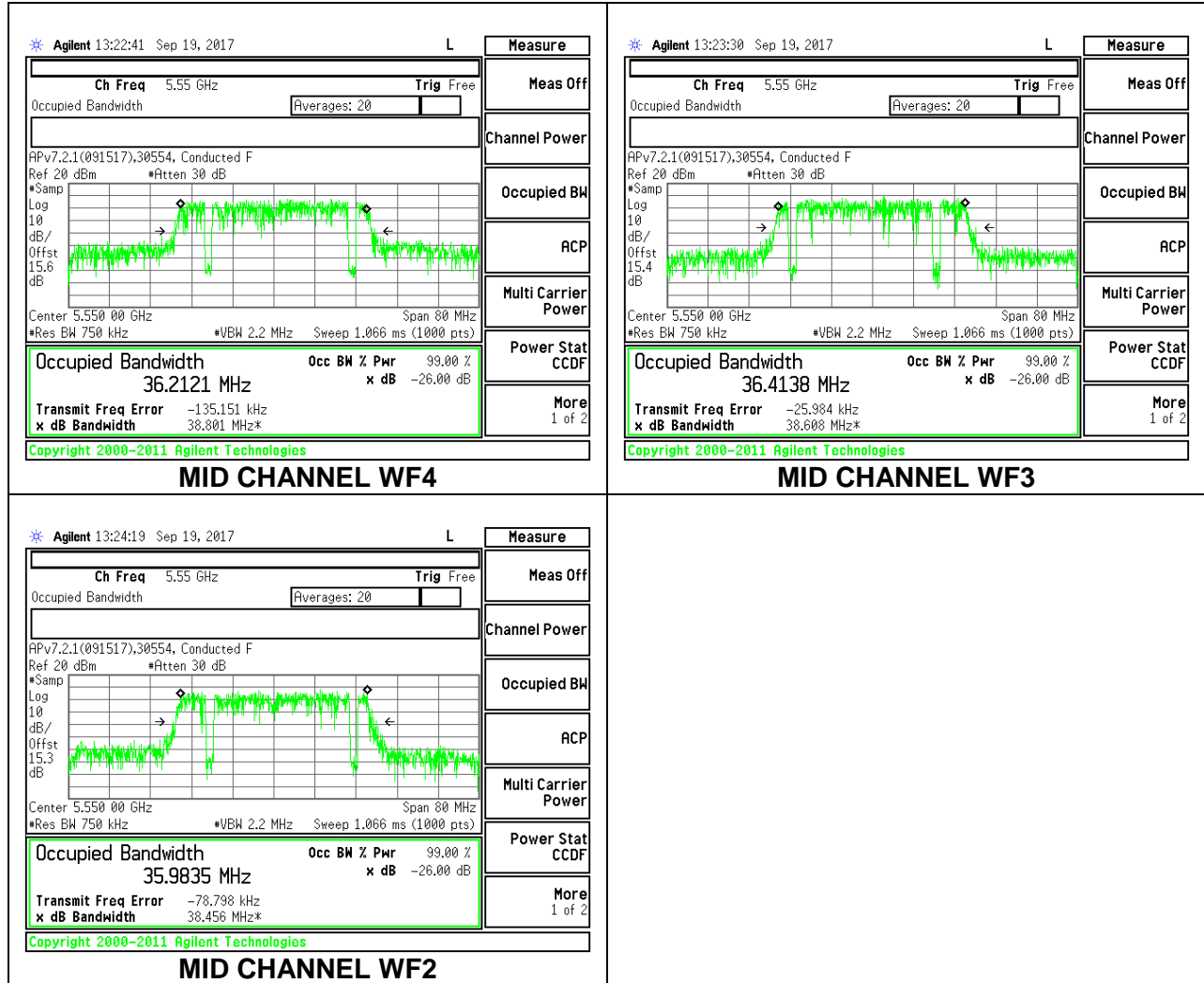
Occupied Bandwidth 36.2732 MHz

Transmit Freq Error -56.293 kHz

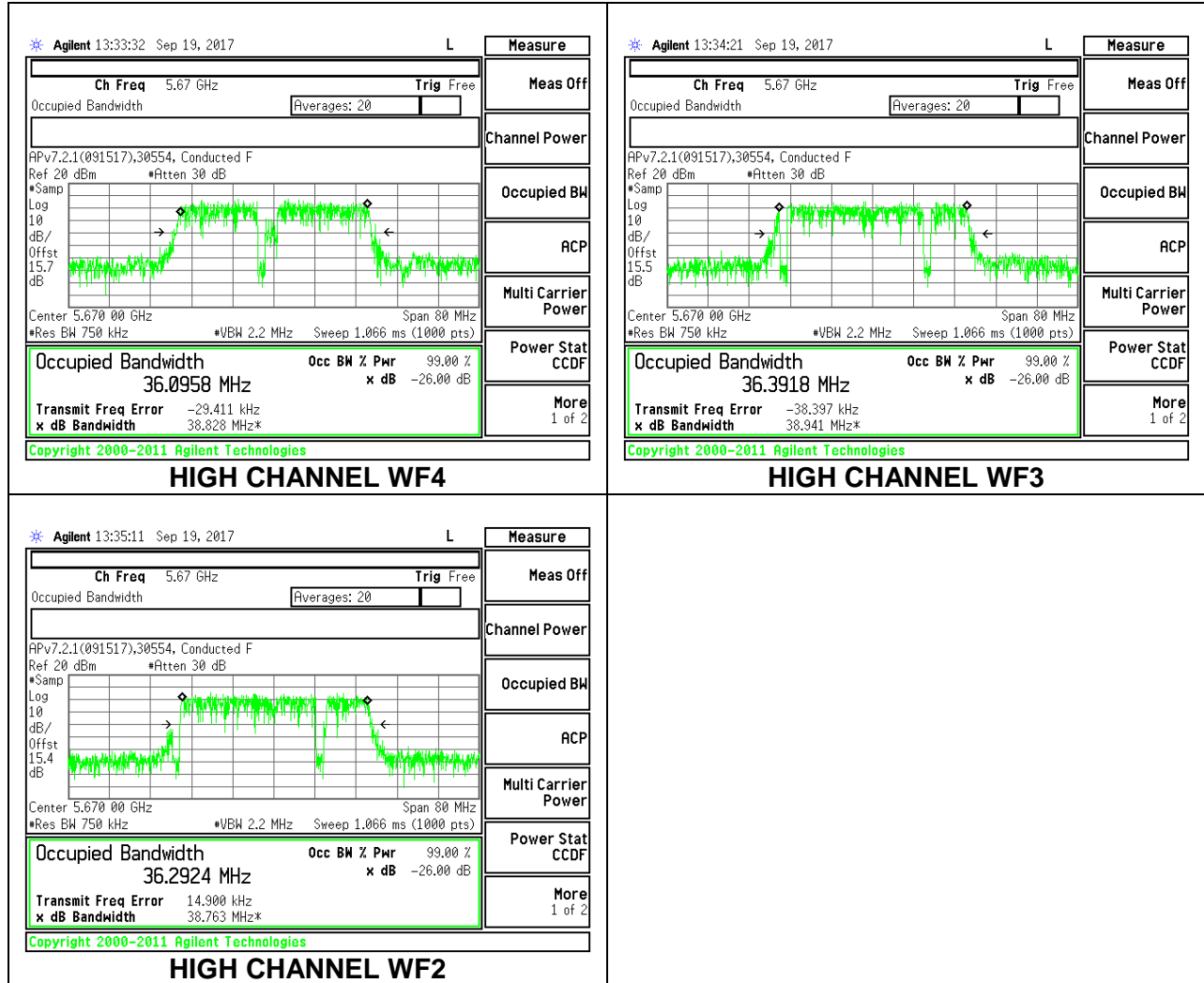
x dB Bandwidth 38.850 MHz\*



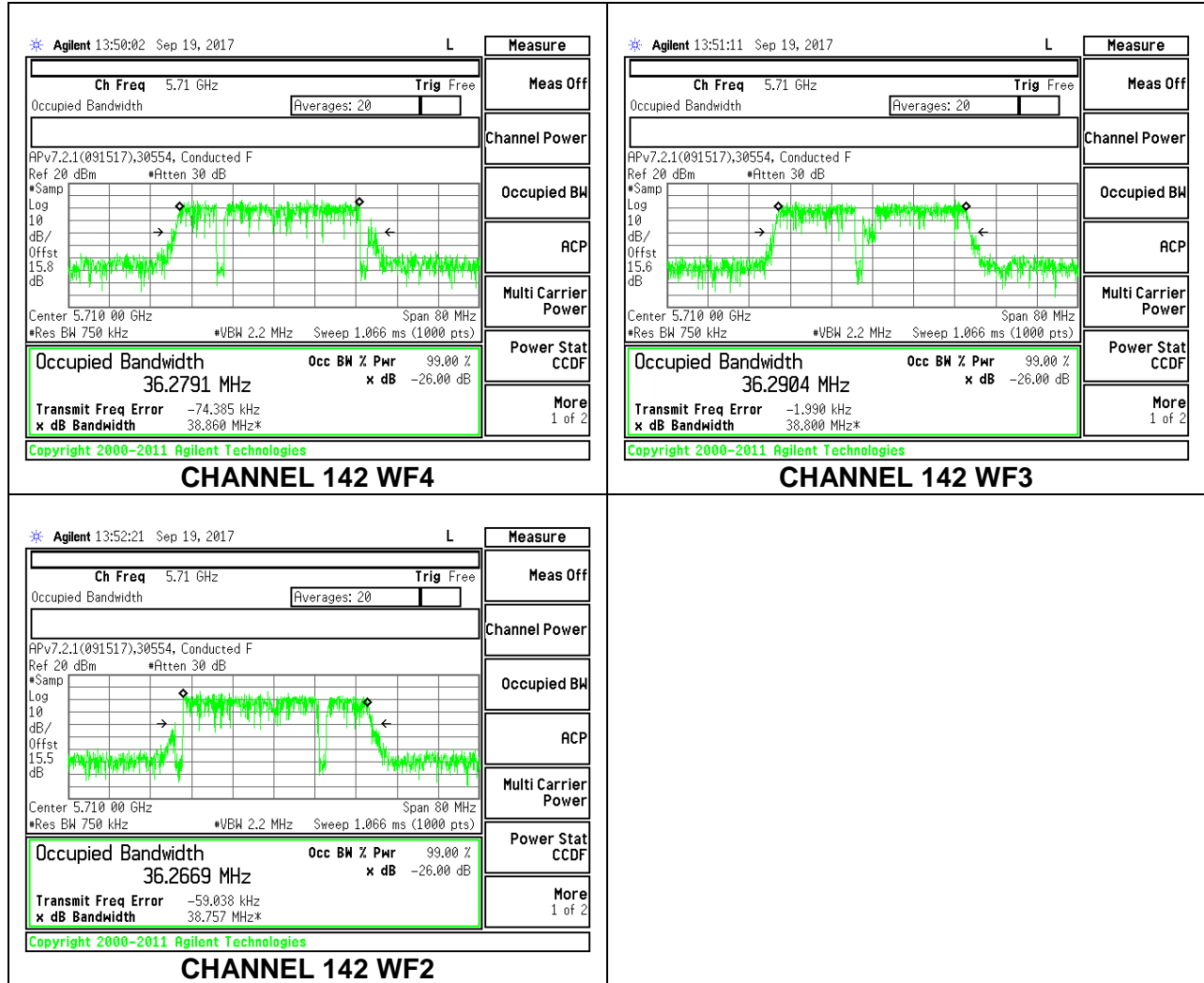
**MID CHANNEL**



**HIGH CHANNEL**



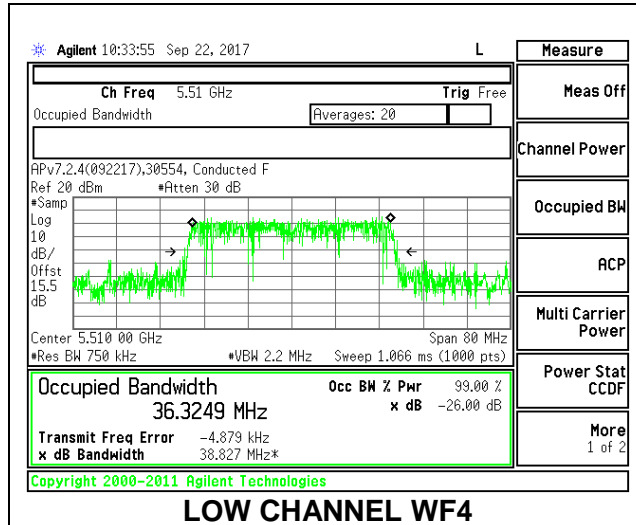
### CHANNEL 142



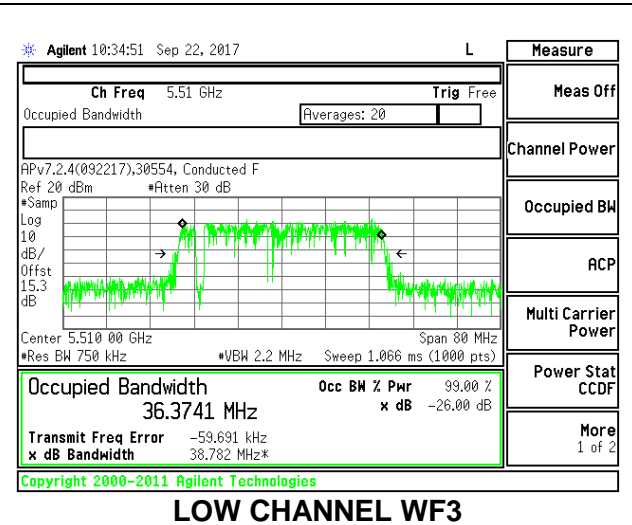
**3TX Antenna WF4 + Antenna WF3 + Antenna WF2 SDM Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5510	36.3250	36.3740	36.2990
Mid	5550	36.3200	36.3220	36.3160
High	5670	36.2610	36.3280	36.3520
142	5710	36.3350	36.3410	36.3460

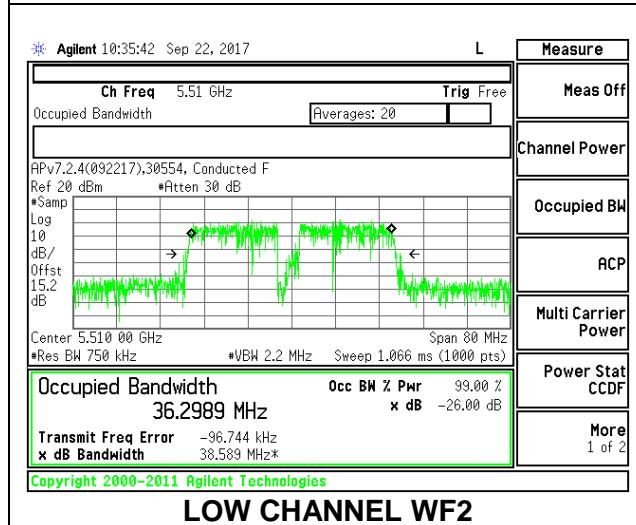
**LOW CHANNEL**



**LOW CHANNEL WF4**

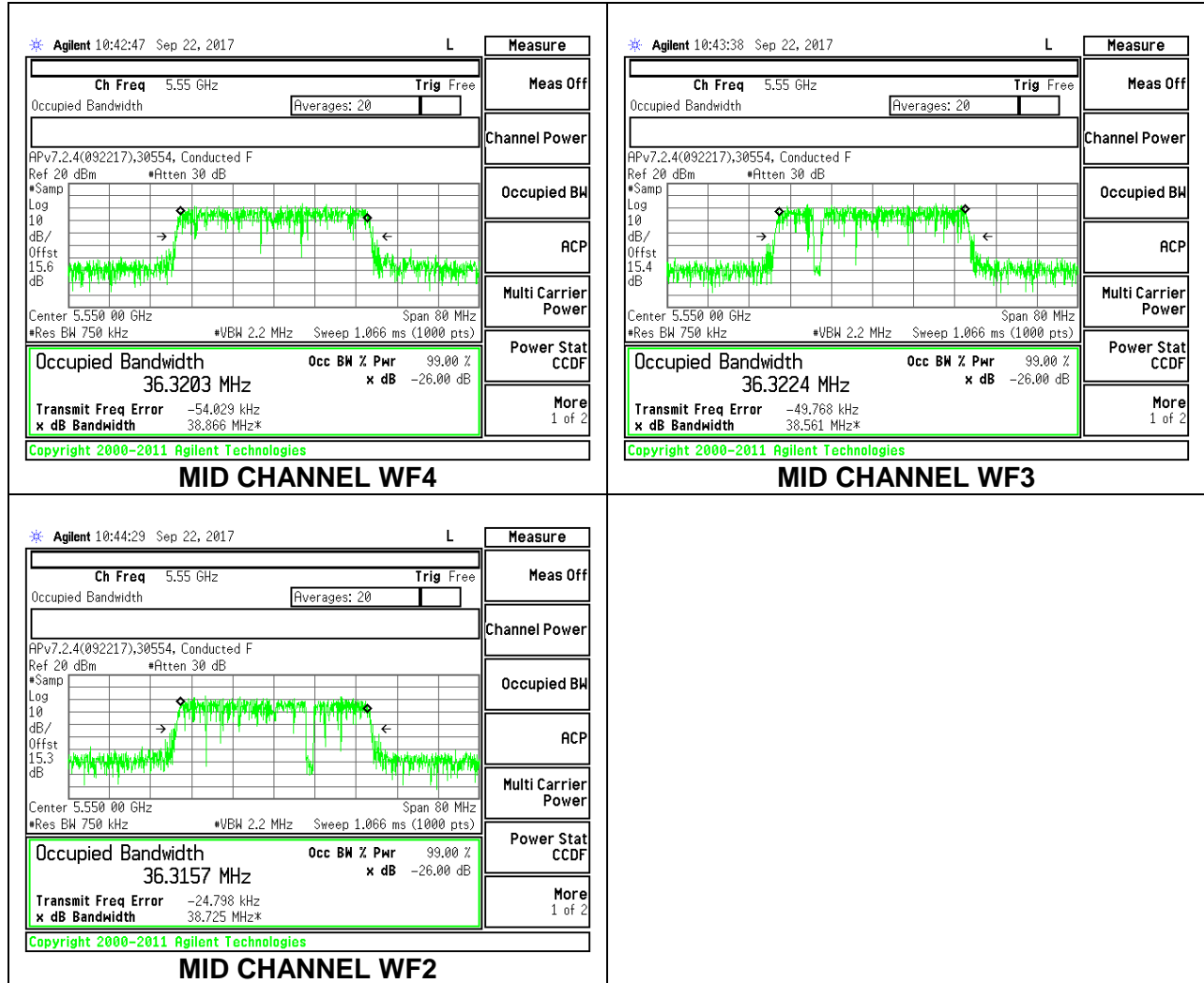


**LOW CHANNEL WF3**

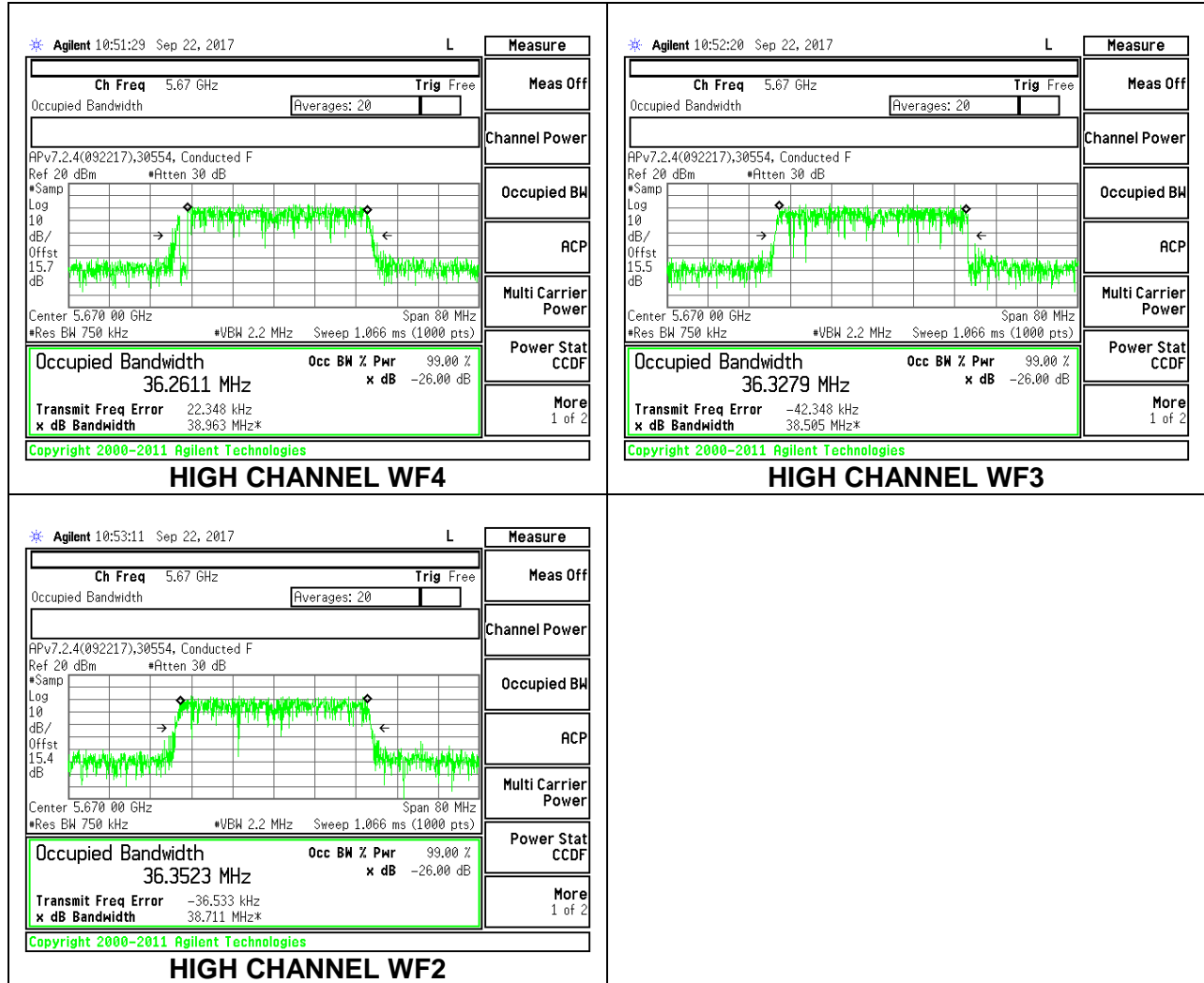


**LOW CHANNEL WF2**

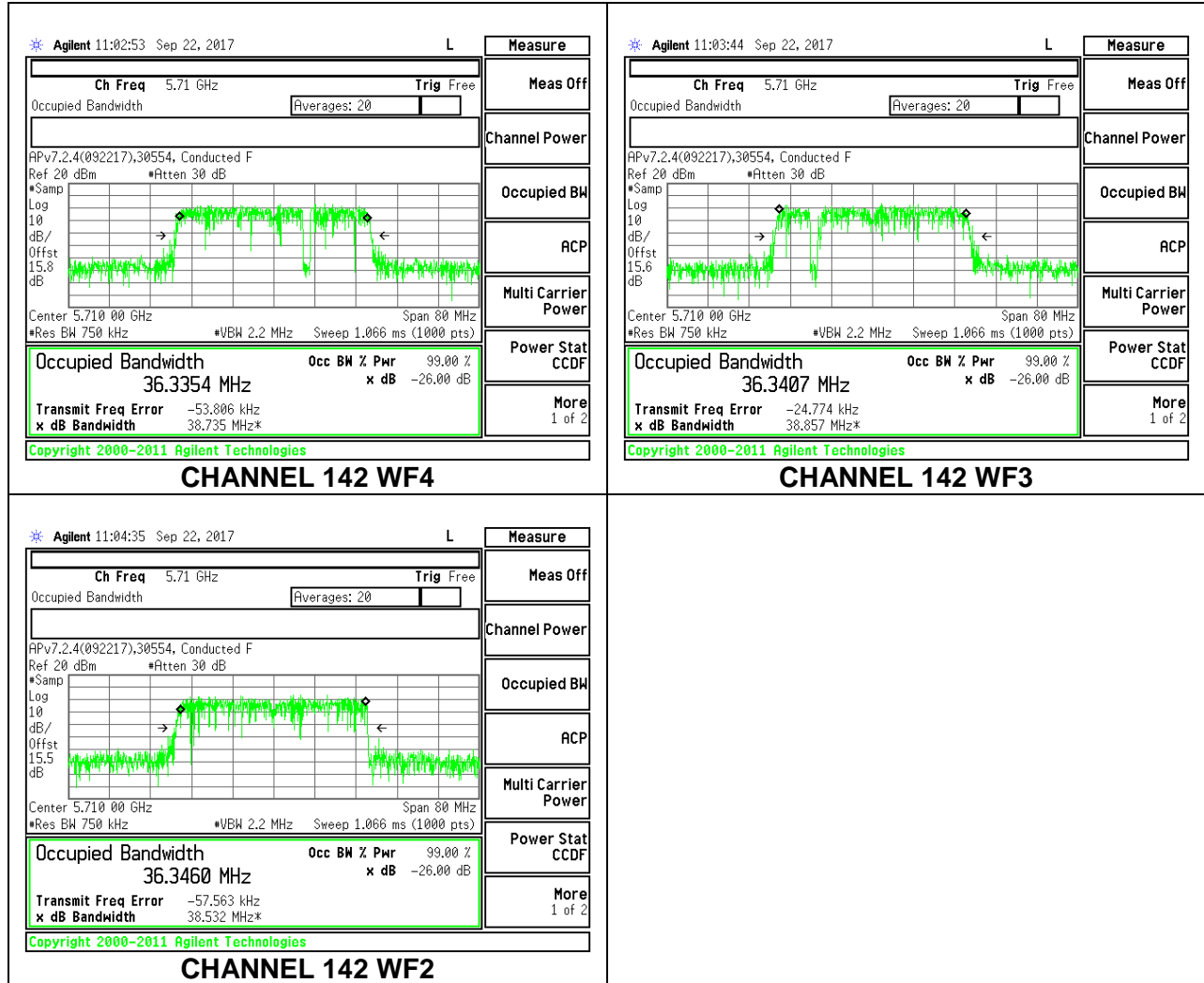
**MID CHANNEL**



### HIGH CHANNEL



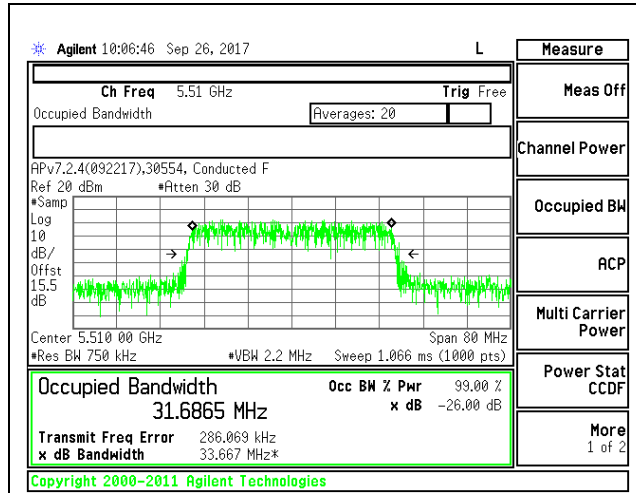
### CHANNEL 142



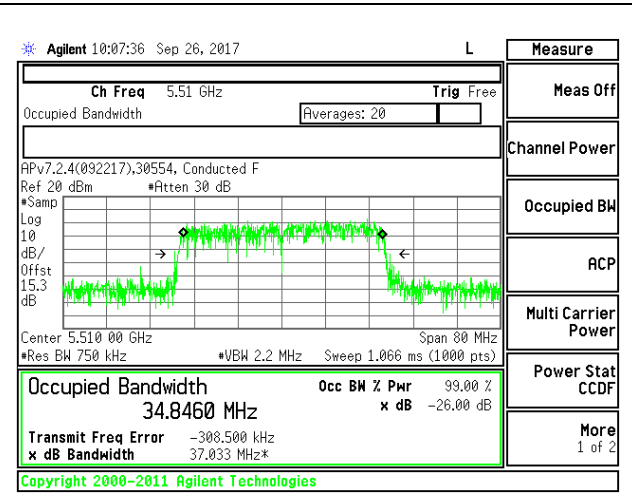
**3TX Antenna WF4 + Antenna WF3 + Antenna WF2 BF Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5510	31.6860	34.8460	36.2340
Mid	5550	37.7310	36.4110	35.4850
High	5670	35.8340	36.0380	33.1790
142	5710	34.1230	34.3050	34.7015

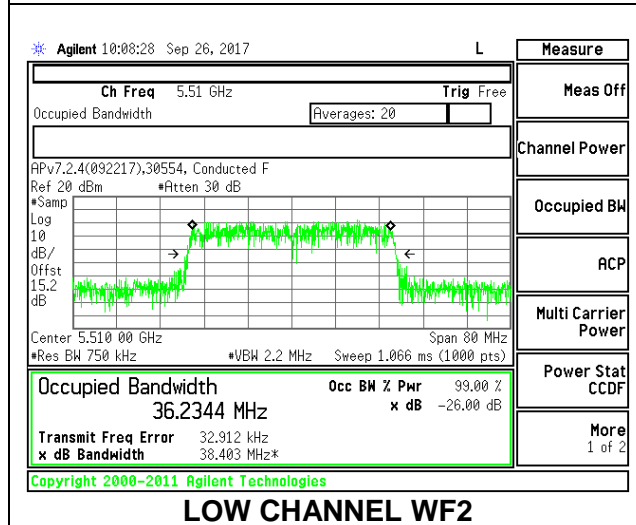
**LOW CHANNEL**



**LOW CHANNEL WF4**



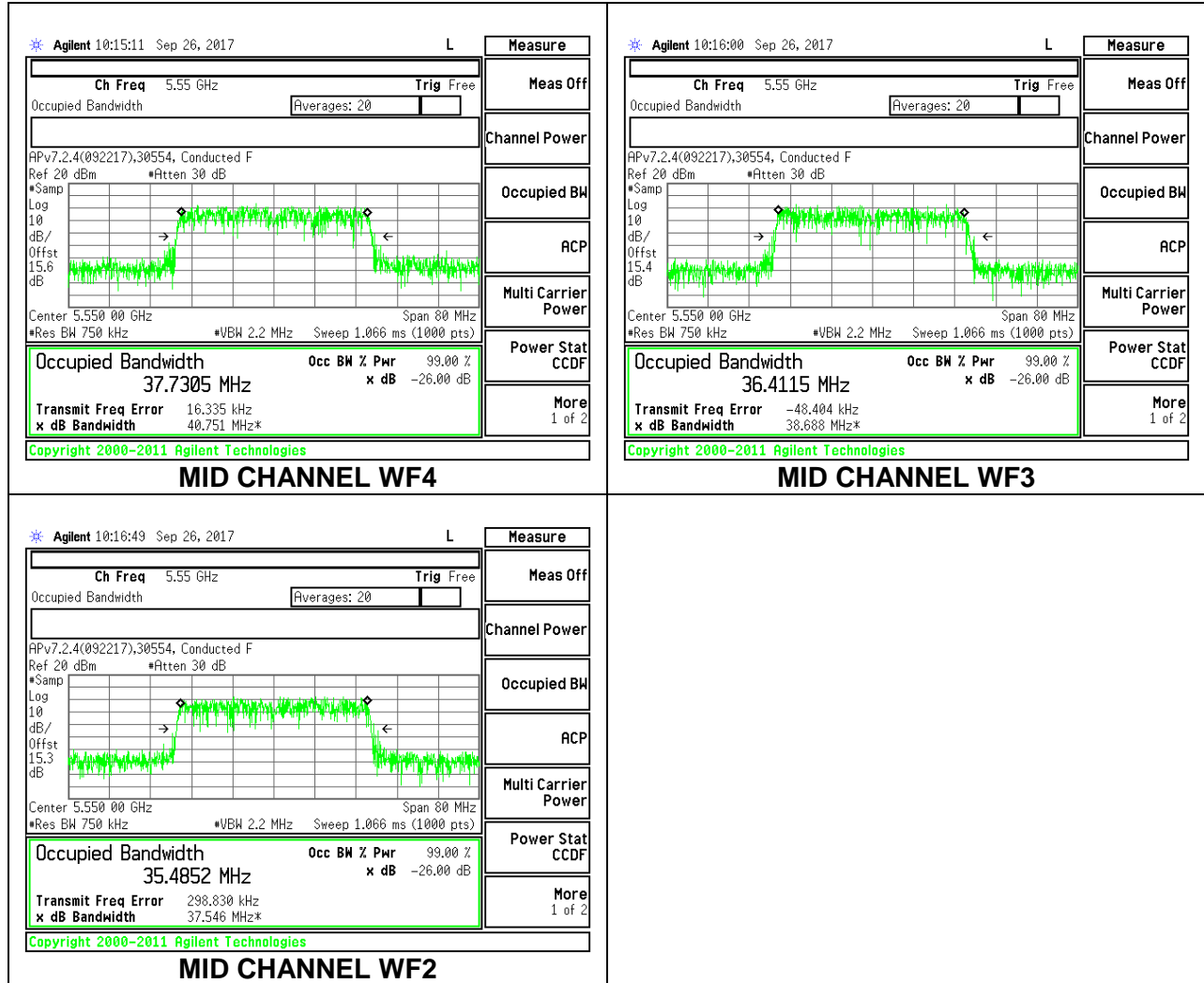
**LOW CHANNEL WF3**



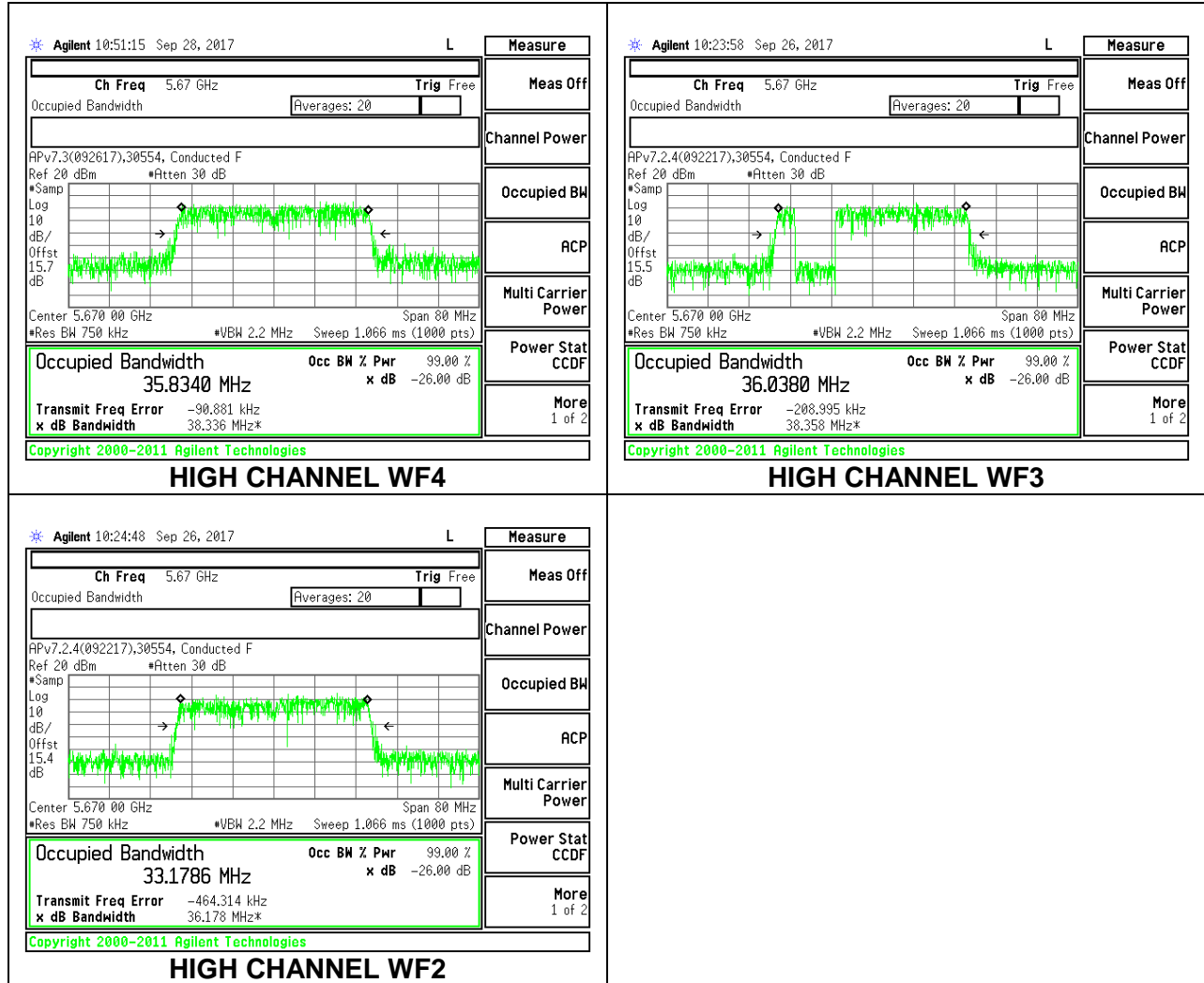
**LOW CHANNEL WF2**



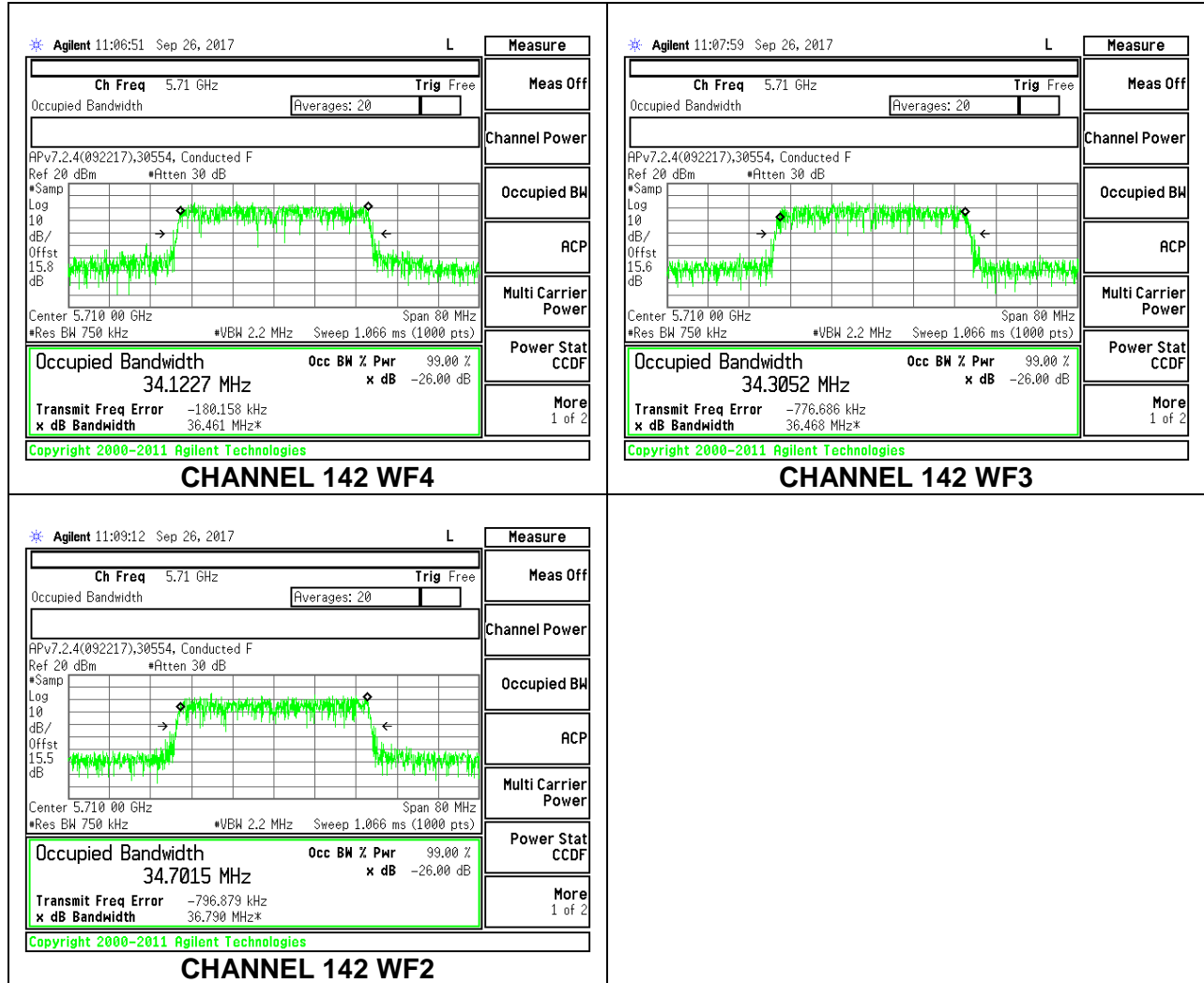
**MID CHANNEL**



### HIGH CHANNEL



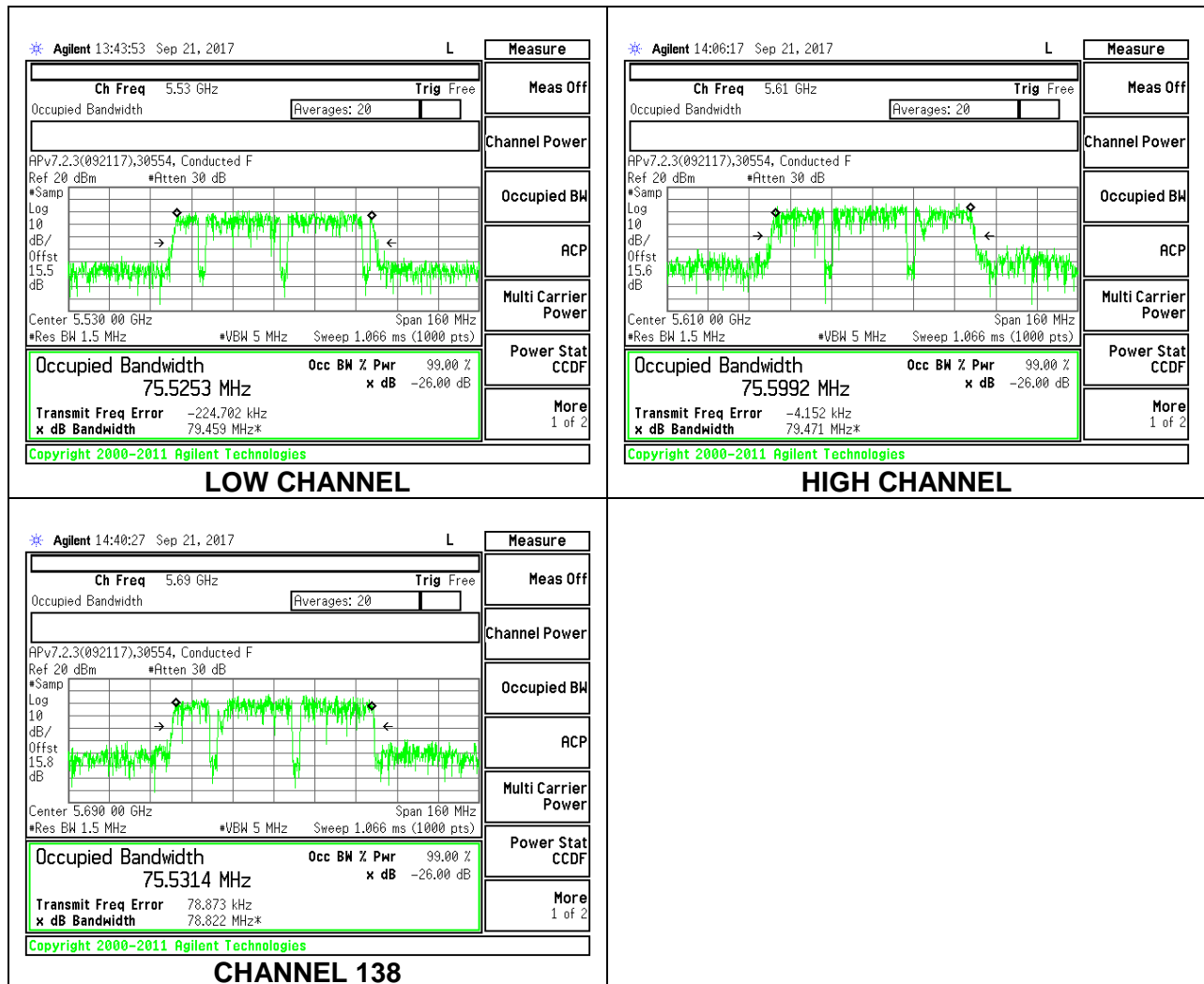
### CHANNEL 142



### 4.3.9. 802.11ac VHT80 MODE IN THE 5.6 GHz BAND

#### 1TX Antenna WF4

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5530	75.5250
High	5610	75.5990
138	5690	75.5310



**1TX Antenna WF3**

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5530	75.9400
High	5610	75.4610
138	5690	75.8940

**LOW CHANNEL**

Agilent 13:45:24 Sep 21, 2017

Ch Freq 5.53 GHz

Occupied Bandwidth 75.9399 MHz

Transmit Freq Error -119.154 kHz

x dB Bandwidth 79.674 MHz\*

**HIGH CHANNEL**

Agilent 14:07:14 Sep 21, 2017

Ch Freq 5.61 GHz

Occupied Bandwidth 75.4613 MHz

Transmit Freq Error -151.326 kHz

x dB Bandwidth 79.411 MHz\*

**CHANNEL 138**

Agilent 14:41:18 Sep 21, 2017

Ch Freq 5.69 GHz

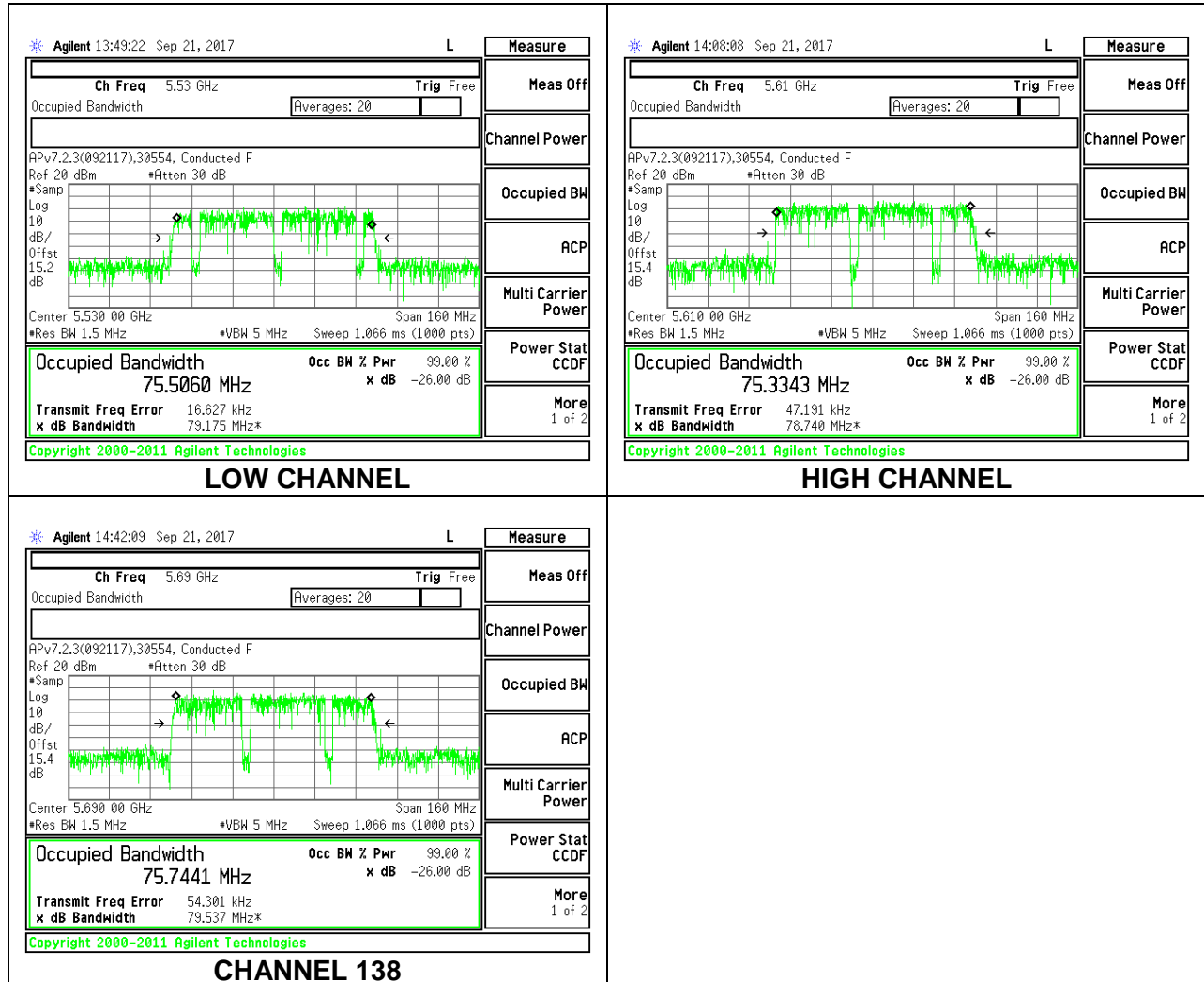
Occupied Bandwidth 75.8941 MHz

Transmit Freq Error 19.665 kHz

x dB Bandwidth 79.227 MHz\*

**1TX Antenna WF2**

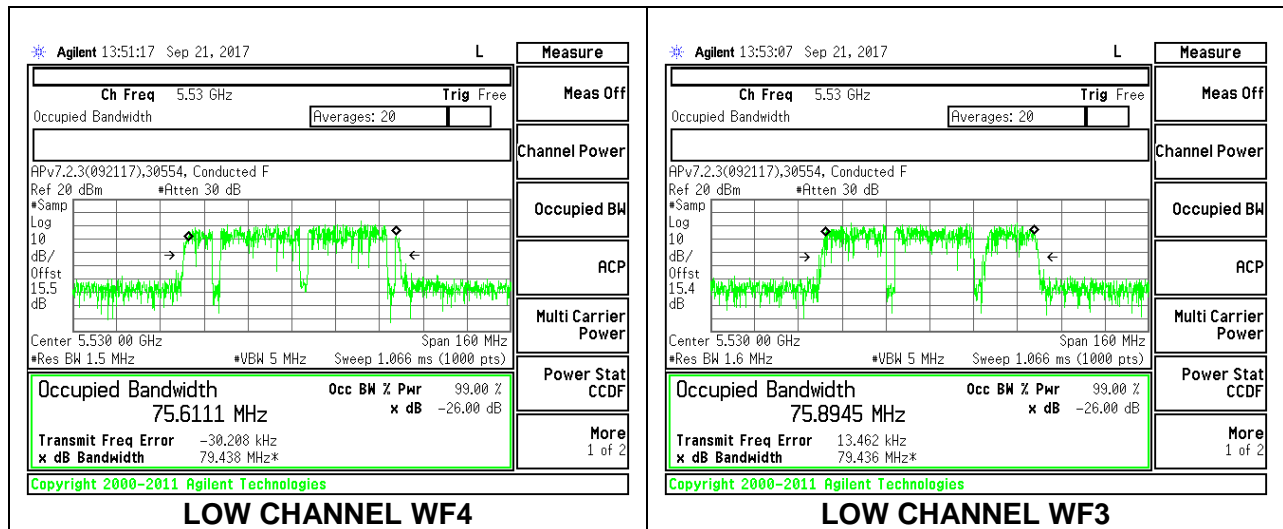
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5530	75.5060
High	5610	75.3340
138	5690	75.7440



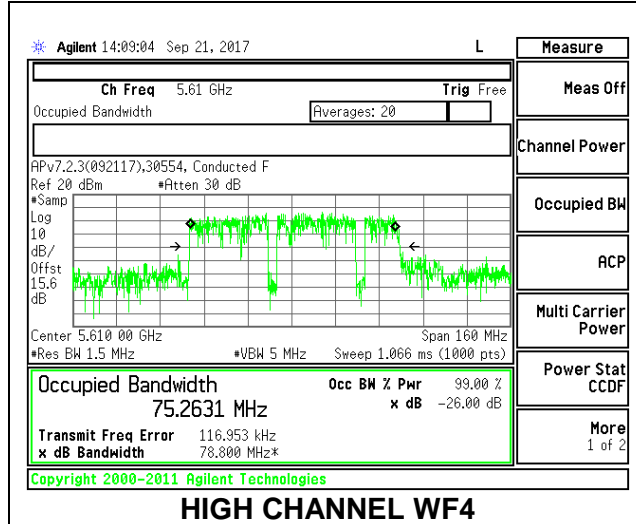
**2TX Antenna WF4 + Antenna WF3 CDD Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)
Low	5530	75.6110	75.8945
High	5610	75.2630	74.9900
138	5690	75.3770	75.6840

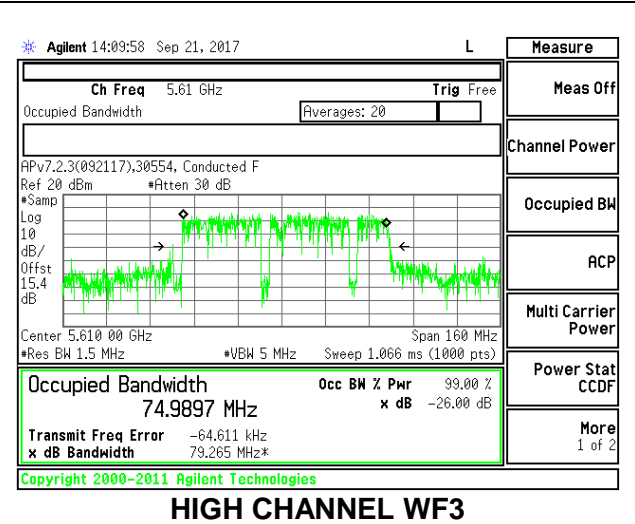
**LOW CHANNEL**



### HIGH CHANNEL

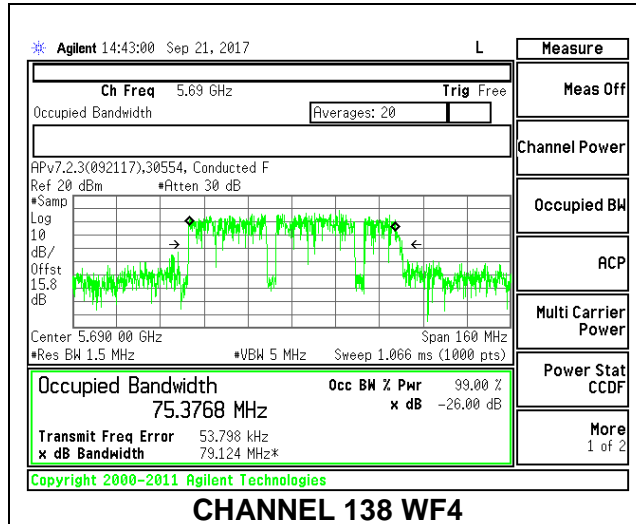


**HIGH CHANNEL WF4**

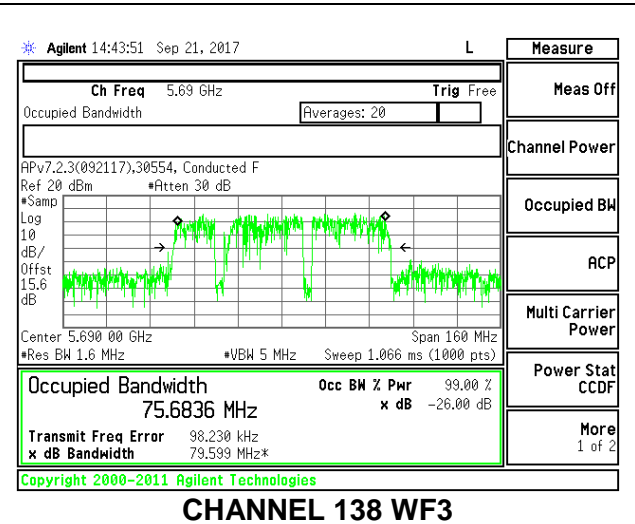


**HIGH CHANNEL WF3**

### CHANNEL 138



**CHANNEL 138 WF4**



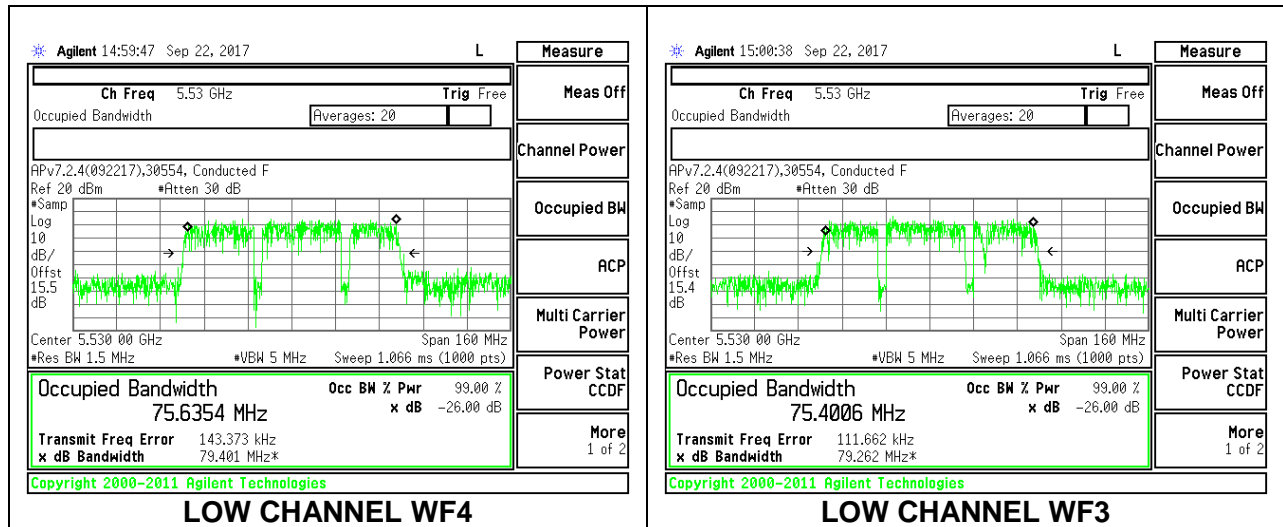
**CHANNEL 138 WF3**



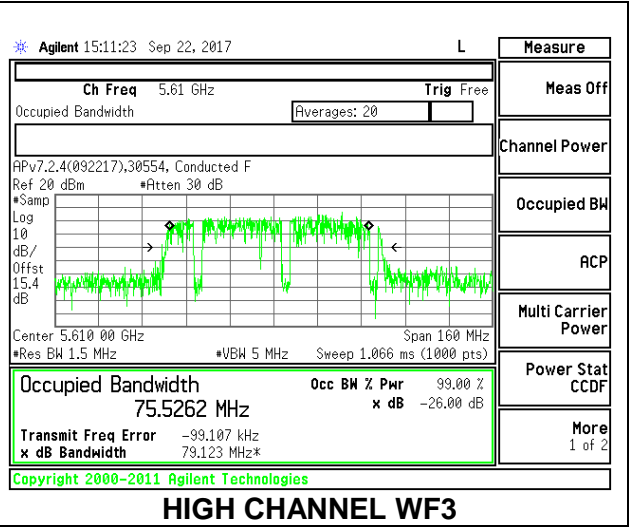
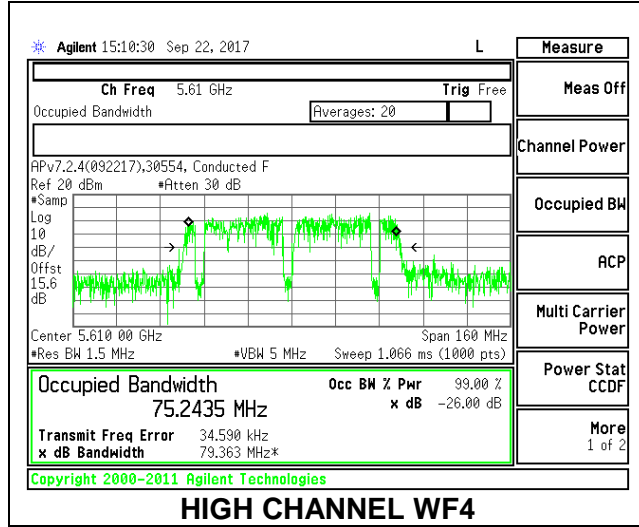
**2TX Antenna WF4 + Antenna WF3 SDM Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)
Low	5530	75.6350	75.4010
High	5610	75.2440	75.5260
138	5690	75.5710	75.5340

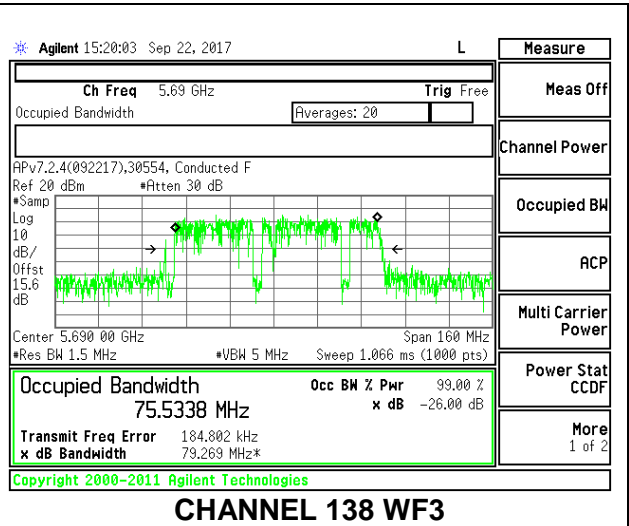
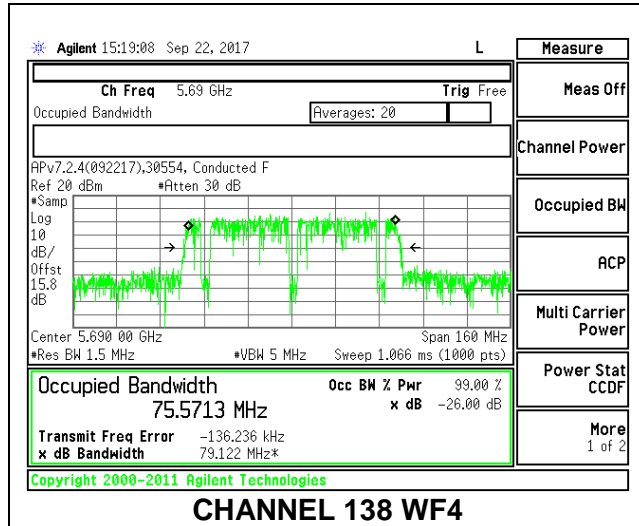
**LOW CHANNEL**



### HIGH CHANNEL



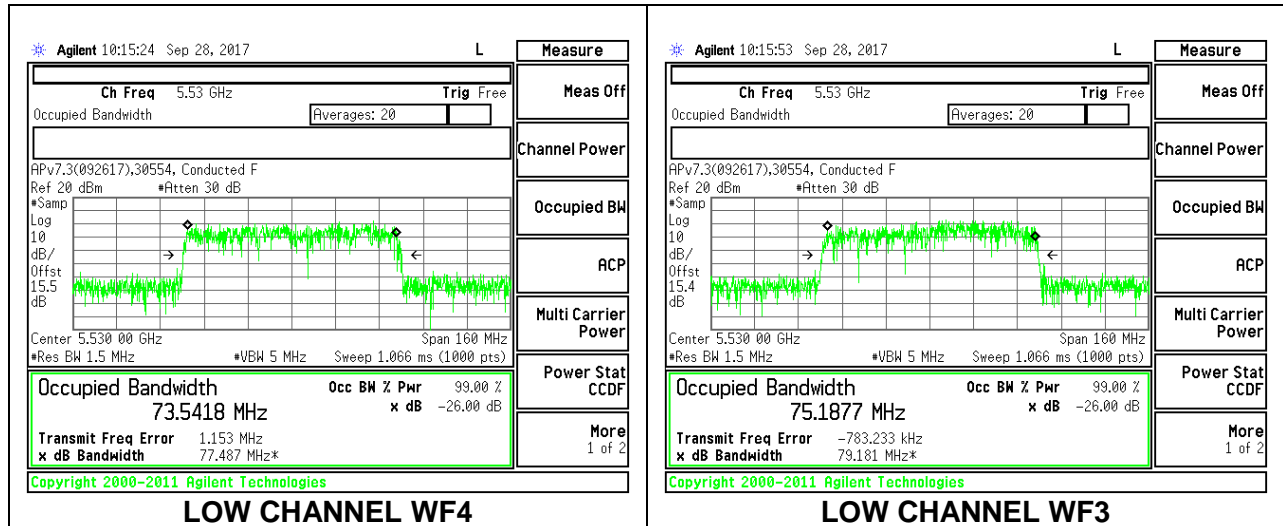
### CHANNEL 138



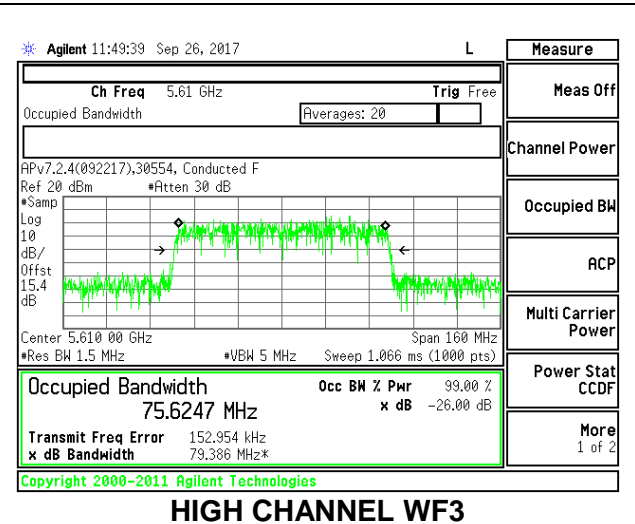
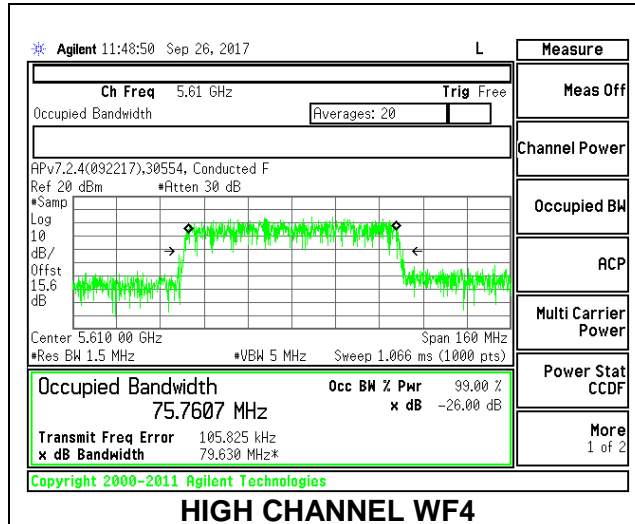
**2TX Antenna WF4 + Antenna WF3 BF Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)
Low	5530	73.5418	75.1877
High	5610	75.7610	75.6250
138	5690	75.4520	75.8730

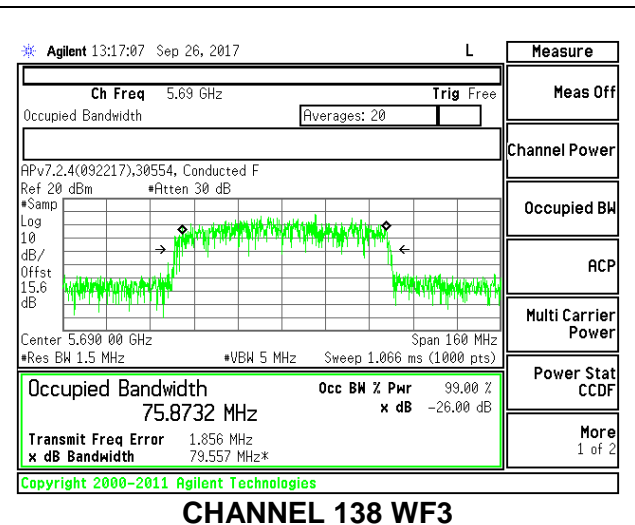
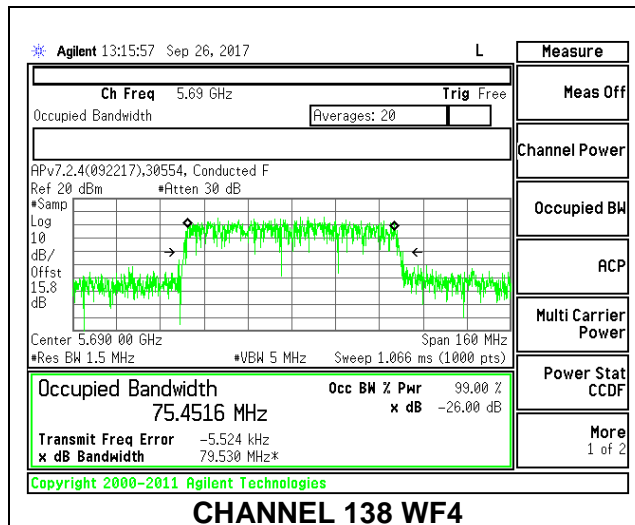
**LOW CHANNEL**



### HIGH CHANNEL



### CHANNEL 138



**2TX Antenna WF4 + Antenna WF2 CDD Mode**

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Low	5530	75.7980	75.4870
High	5610	75.5230	75.7920
138	5690	75.4850	75.1520

**LOW CHANNEL**

