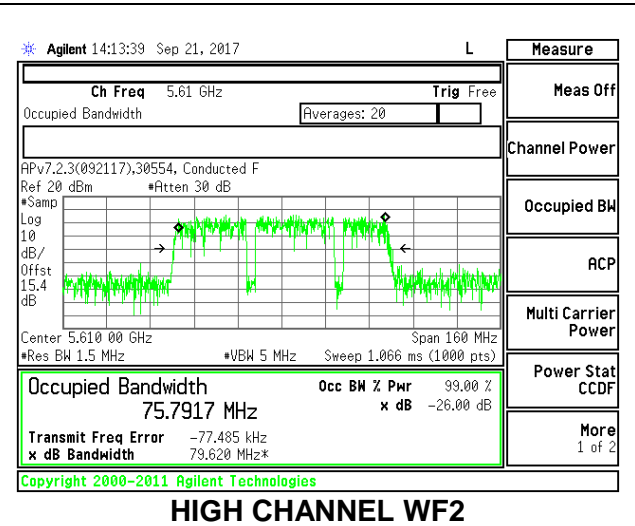
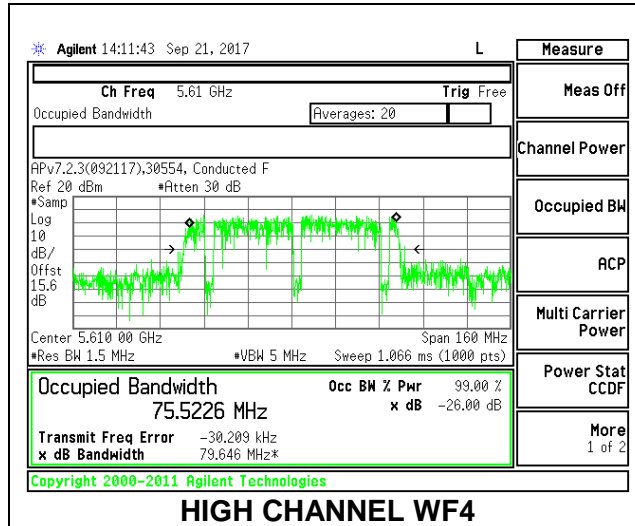
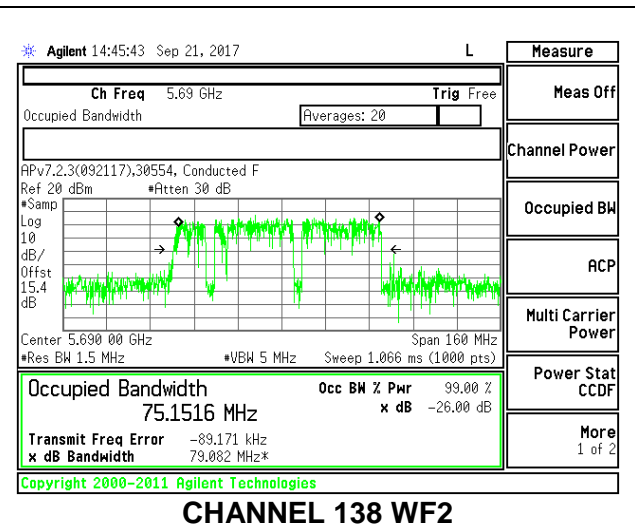
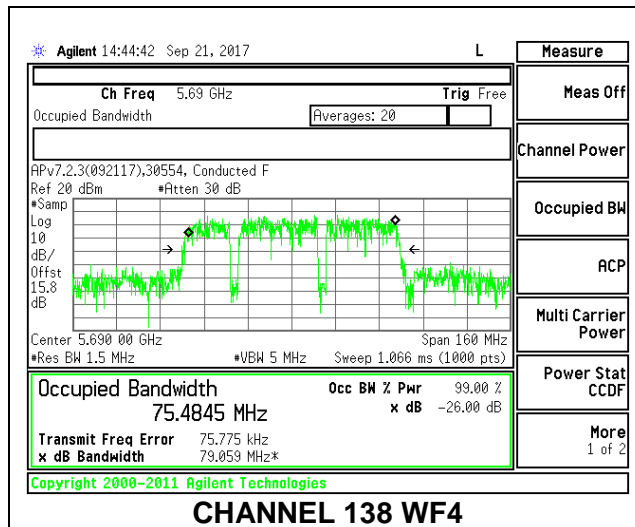


HIGH CHANNEL



CHANNEL 138



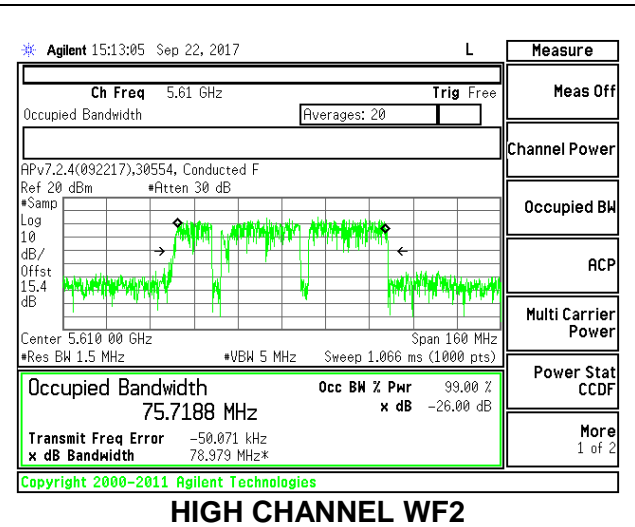
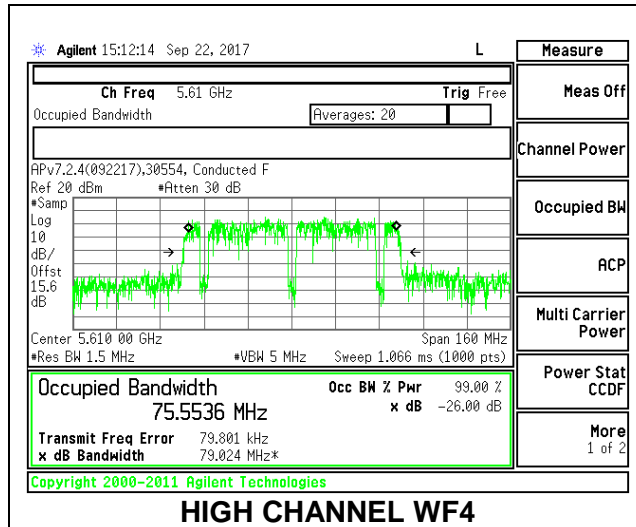
2TX Antenna WF4 + Antenna WF2 SDM Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Low	5530	75.6890	75.5350
High	5610	75.5540	75.7190
138	5690	75.5230	75.2850

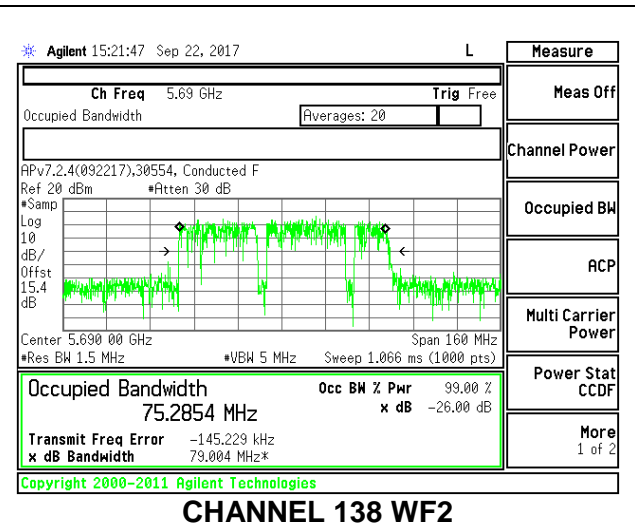
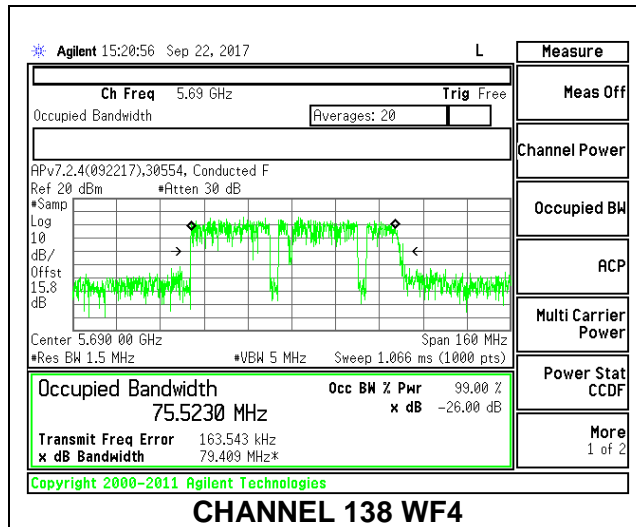
LOW CHANNEL



HIGH CHANNEL



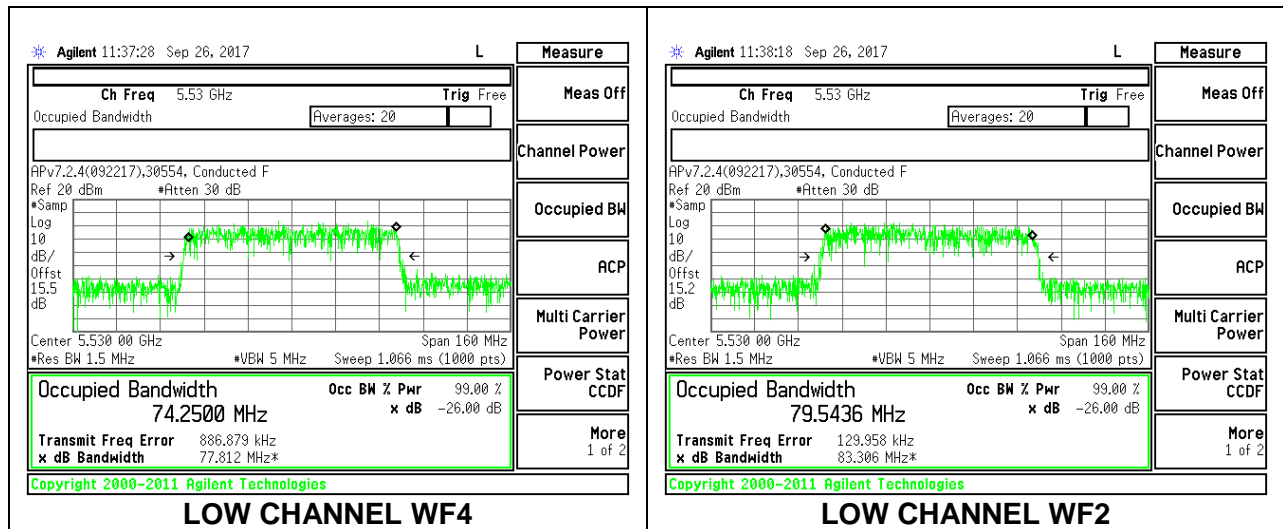
CHANNEL 138



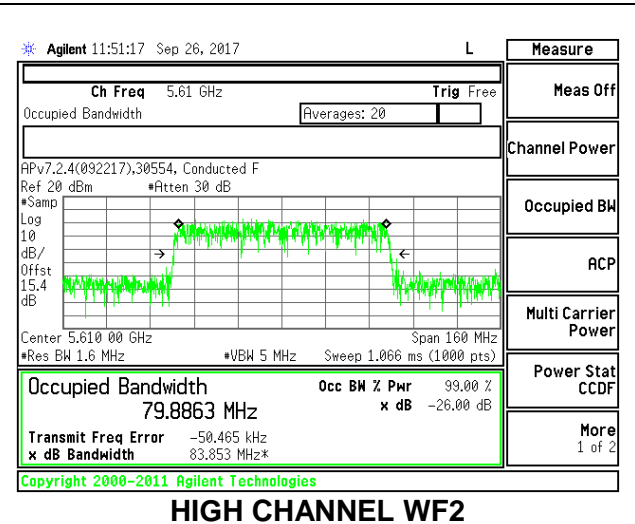
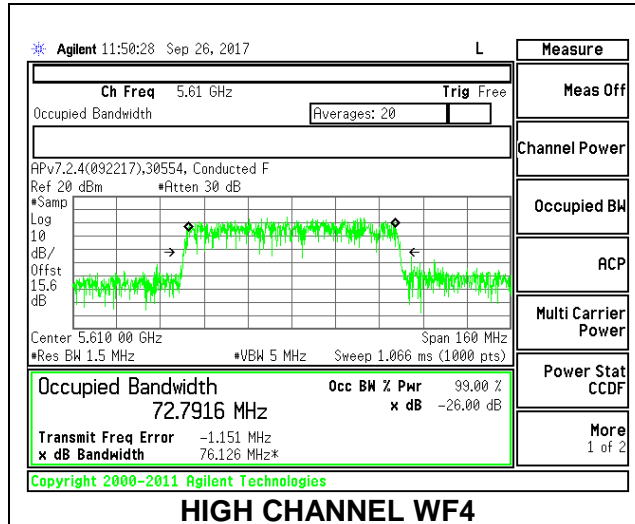
2TX Antenna WF4 + Antenna WF2 BF Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Low	5530	74.2500	79.5440
High	5610	72.7920	79.8860
138	5690	78.0340	70.9760

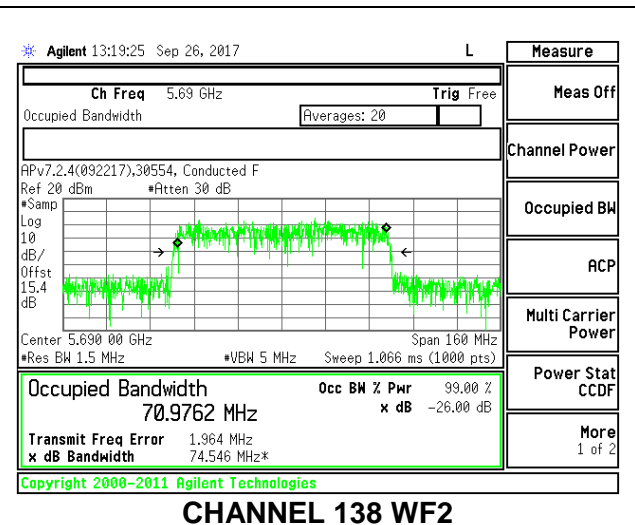
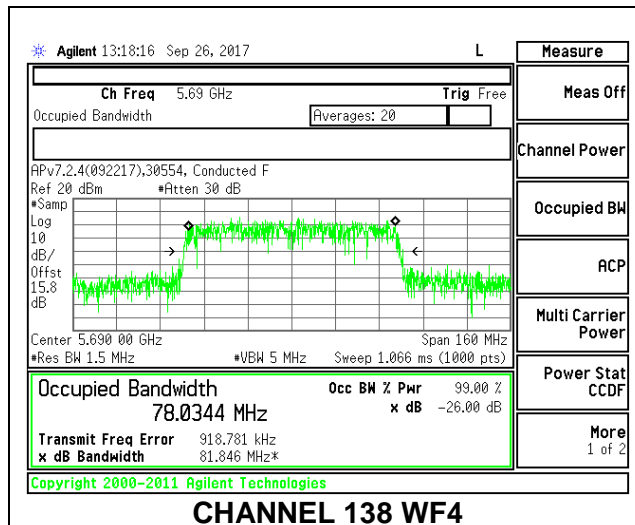
LOW CHANNEL



HIGH CHANNEL



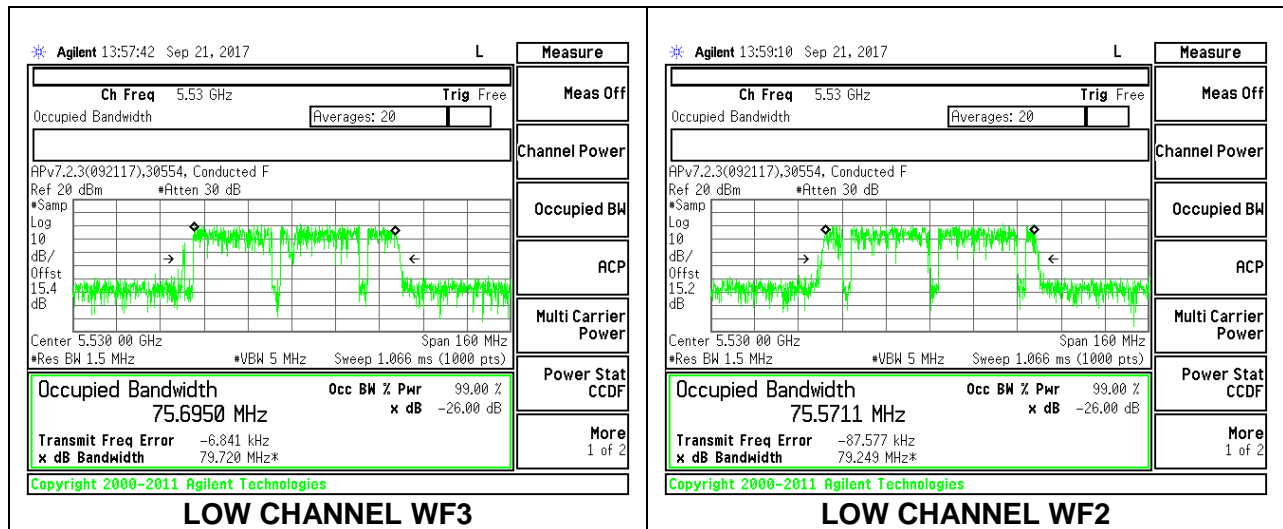
CHANNEL 138



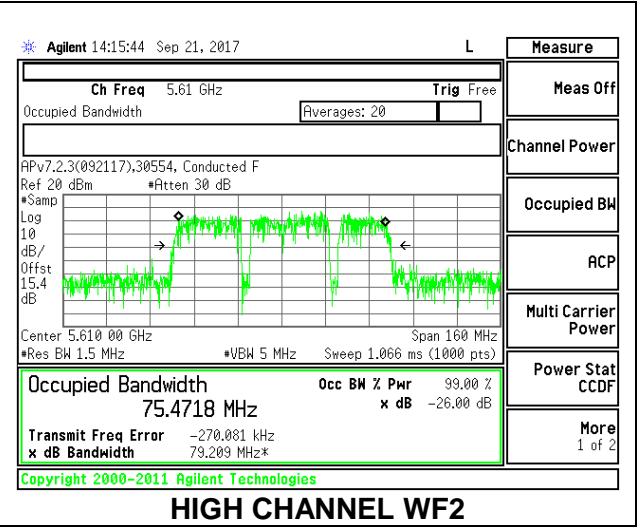
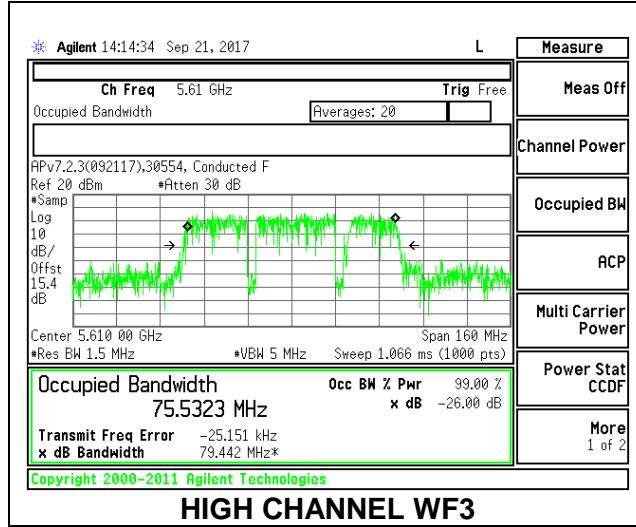
2TX Antenna WF3 + Antenna WF2 CDD Mode

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5530	75.6950	75.5710
High	5610	75.5320	75.4720
138	5690	75.7750	75.4300

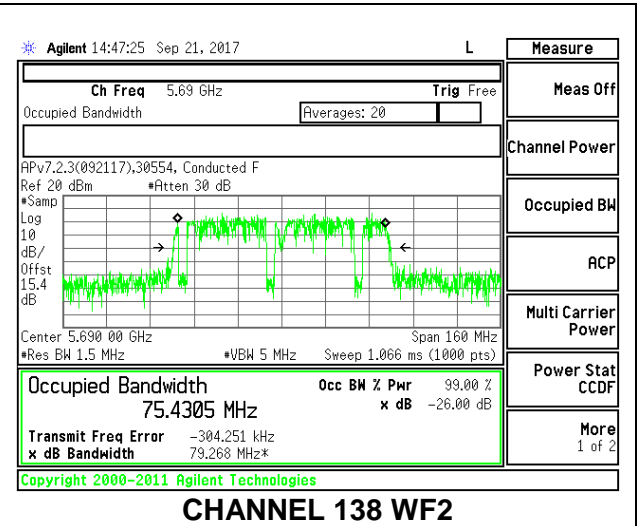
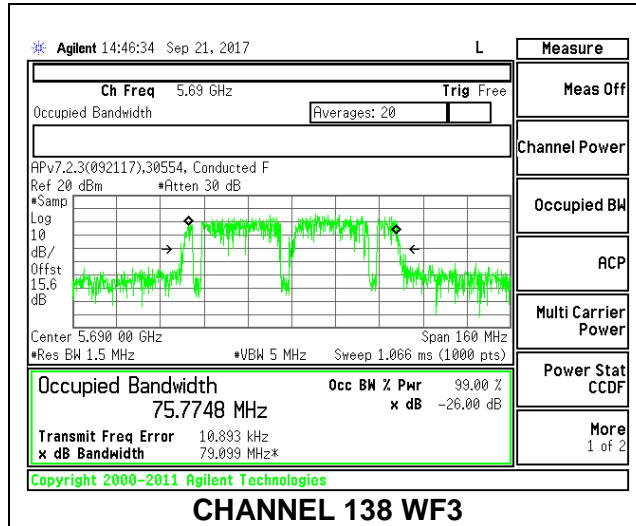
LOW CHANNEL



HIGH CHANNEL



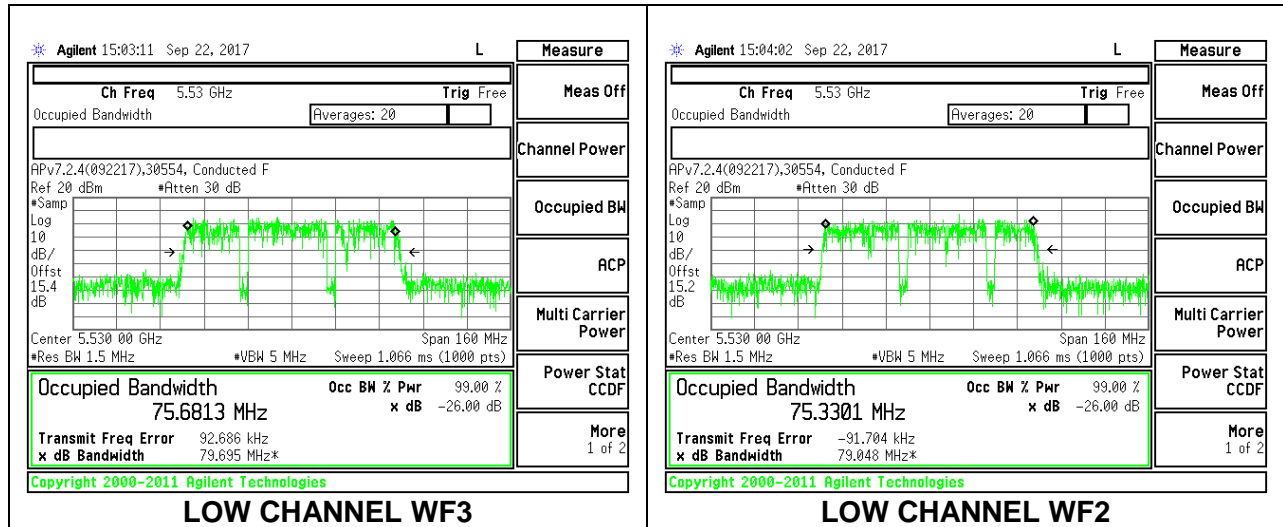
CHANNEL 138



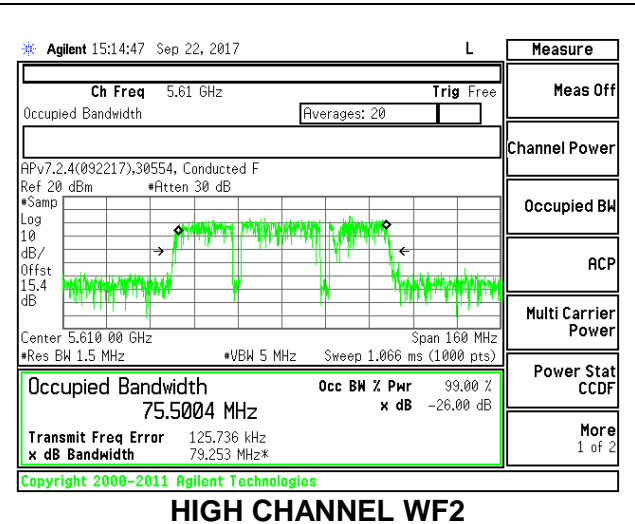
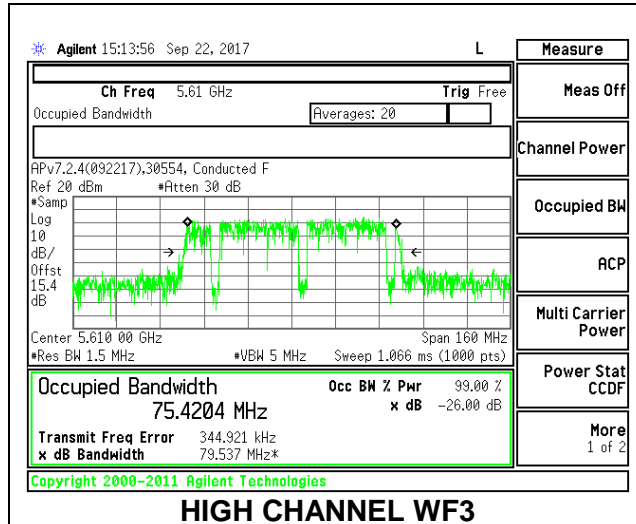
2TX Antenna WF3 + Antenna WF2 SDM Mode

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5530	75.6810	75.3300
High	5610	75.4200	75.5000
138	5690	75.6260	75.6530

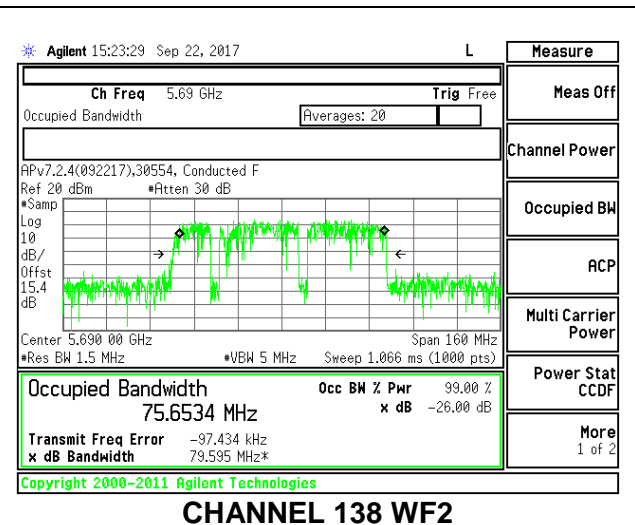
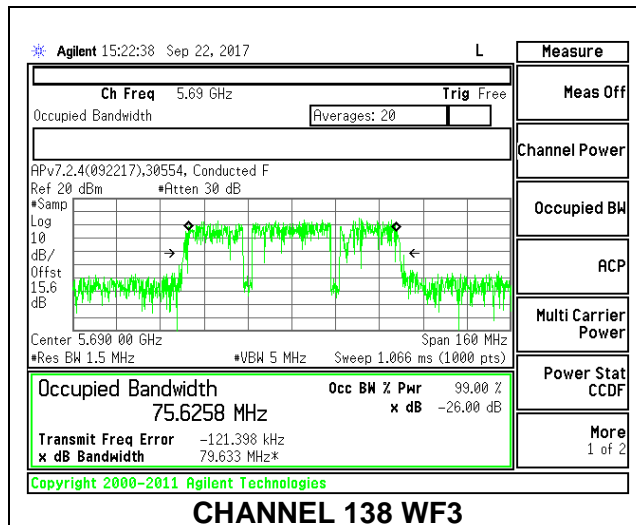
LOW CHANNEL



HIGH CHANNEL



CHANNEL 138



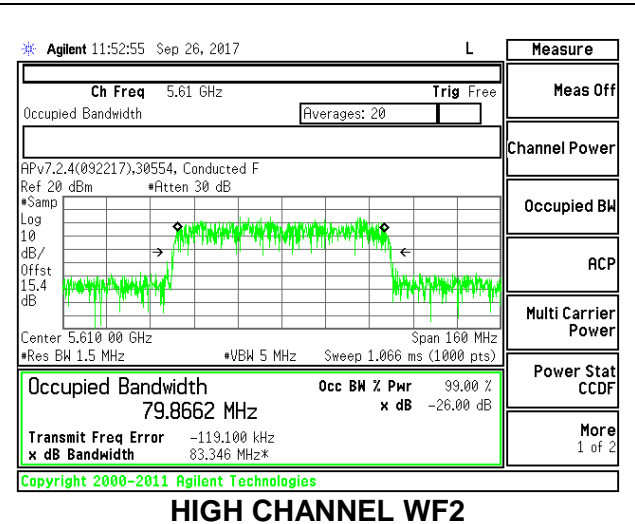
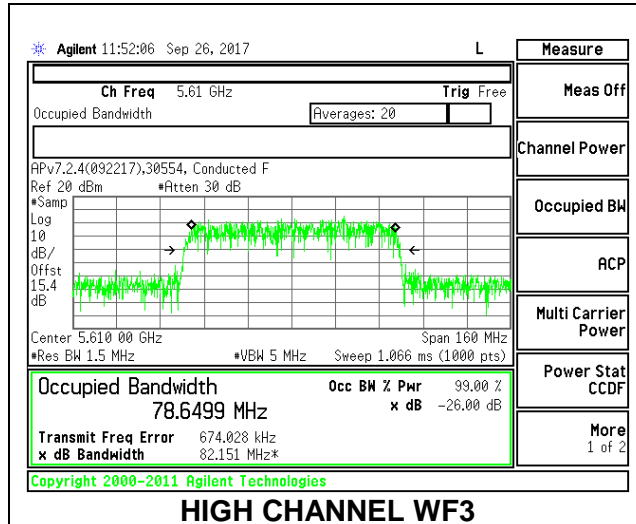
2TX Antenna WF3 + Antenna WF2 BF Mode

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5530	78.6310	75.8119
High	5610	78.6500	79.8660
138	5690	75.2210	77.4510

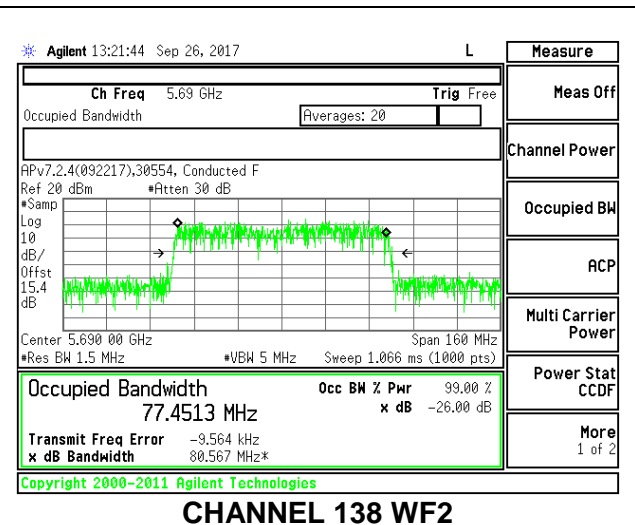
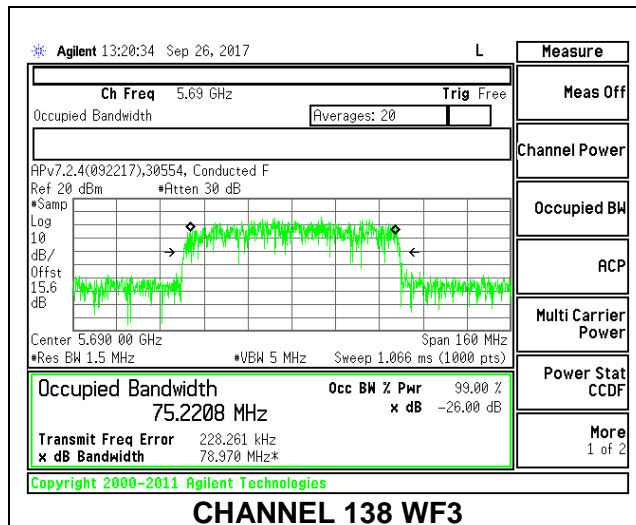
LOW CHANNEL



HIGH CHANNEL



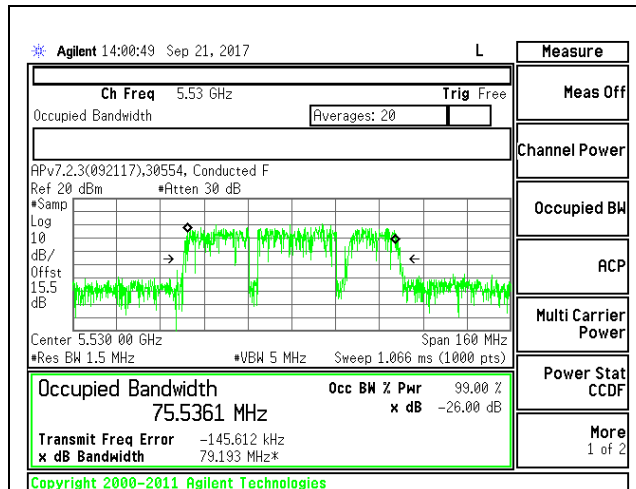
CHANNEL 138



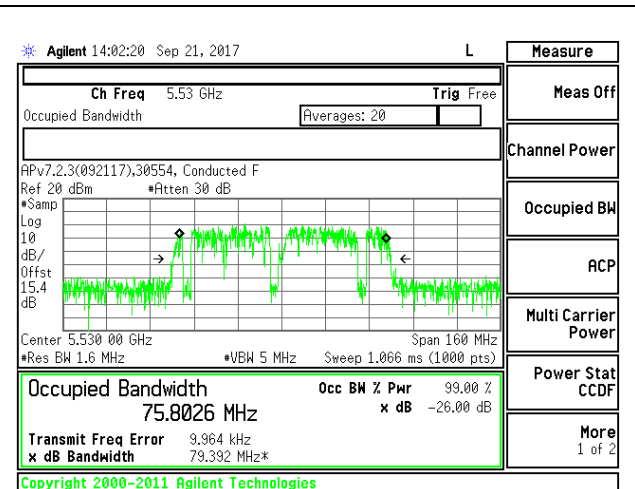
3TX Antenna WF4 + Antenna WF3 + Antenna WF2 CDD Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5530	75.5360	75.8030	75.3130
High	5610	75.2850	75.6985	75.1110
138	5690	75.3510	75.3330	75.0630

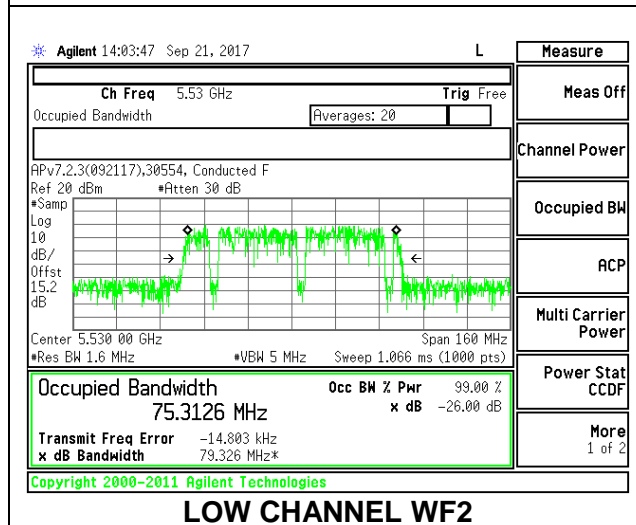
LOW CHANNEL



LOW CHANNEL WF4

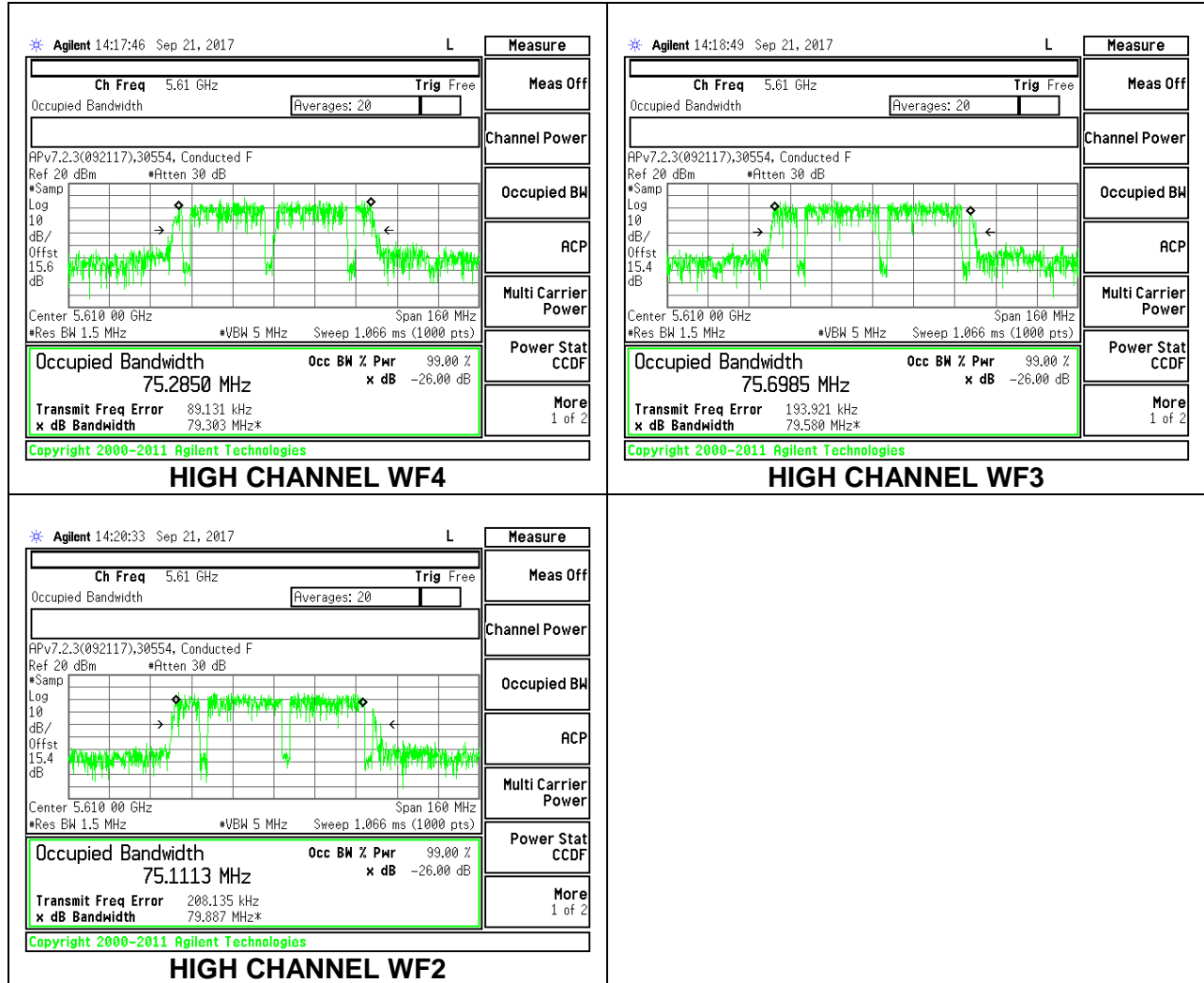


LOW CHANNEL WF3

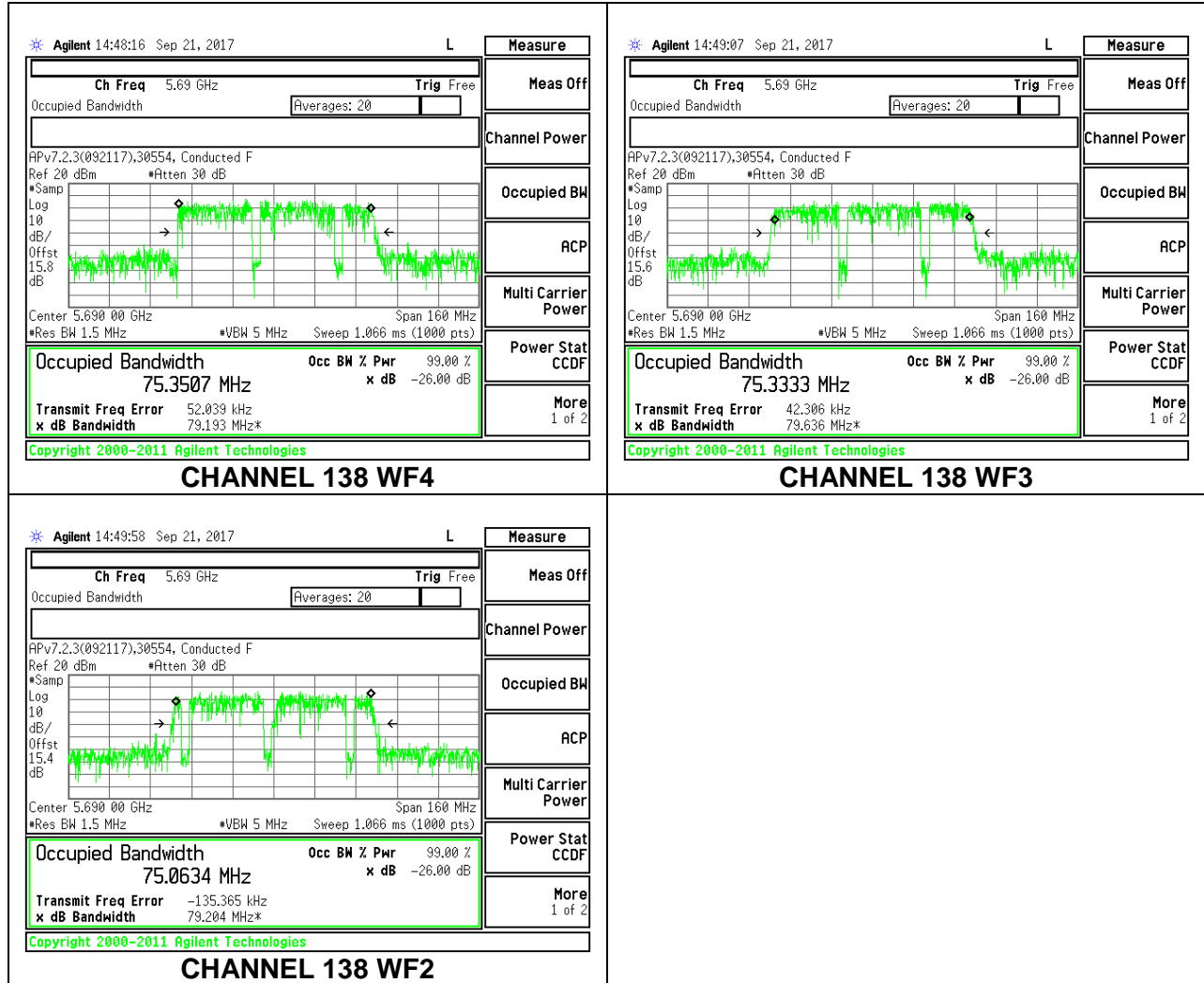


LOW CHANNEL WF2

HIGH CHANNEL



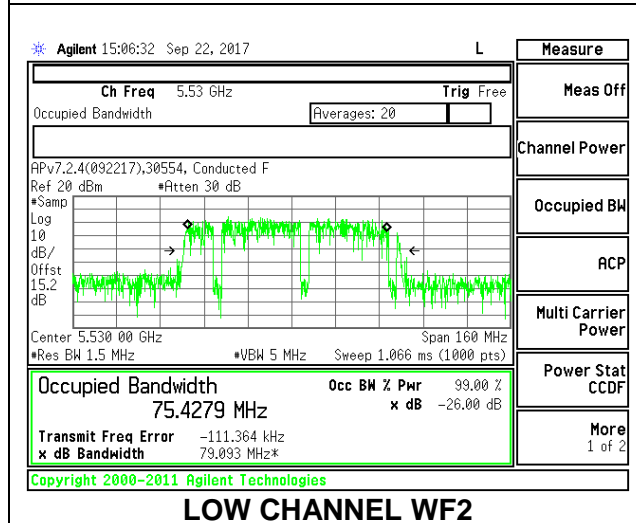
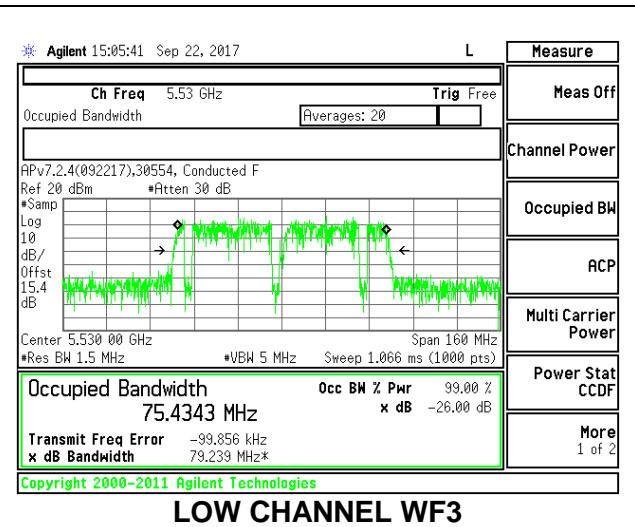
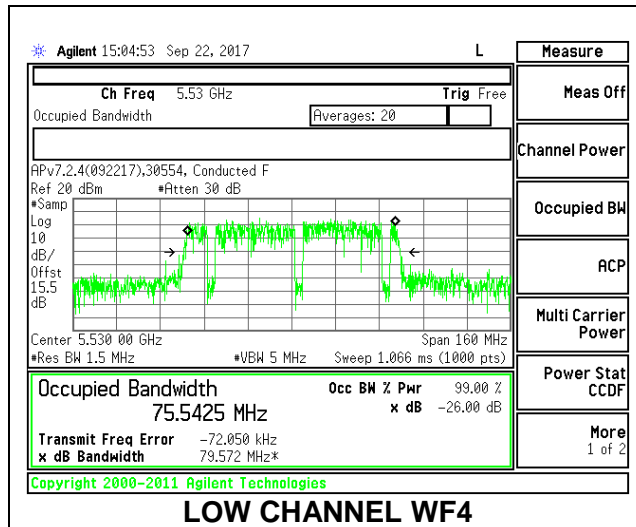
CHANNEL 138



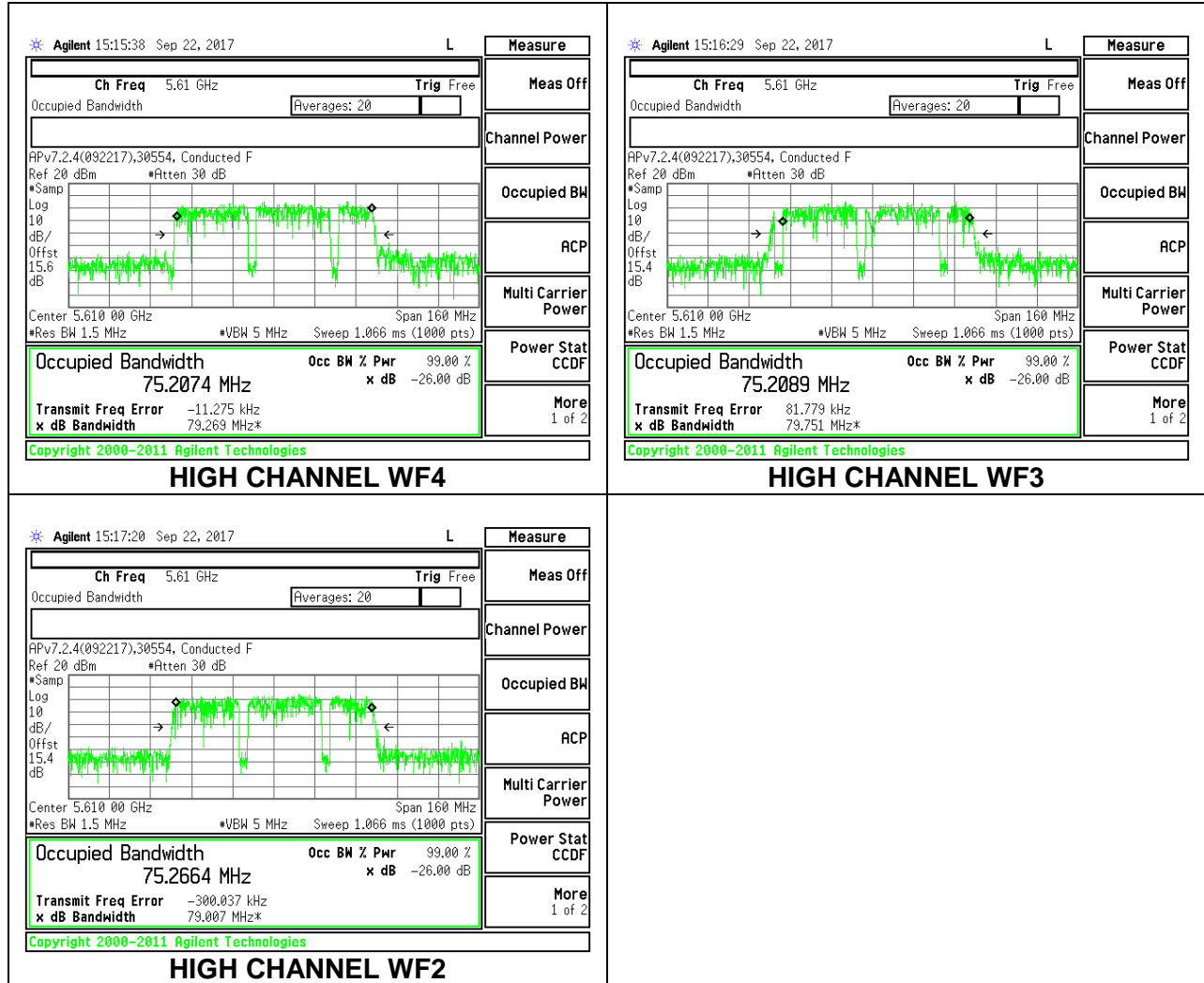
3TX Antenna WF4 + Antenna WF3 + Antenna WF2 SDM Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5530	75.5420	75.4340	75.4280
High	5610	75.2070	75.2090	75.2660
138	5690	75.7460	75.3880	75.0510

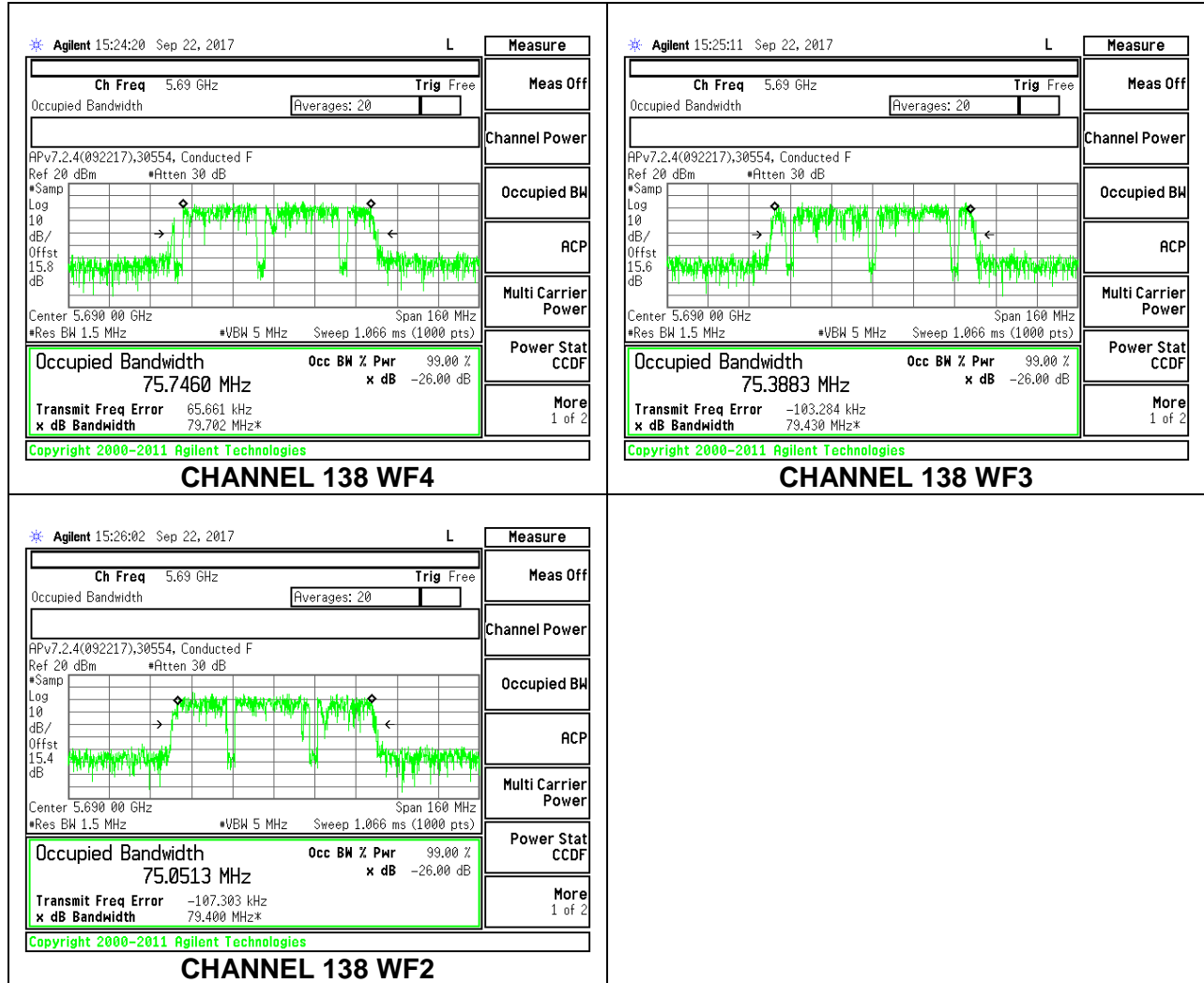
LOW CHANNEL



HIGH CHANNEL



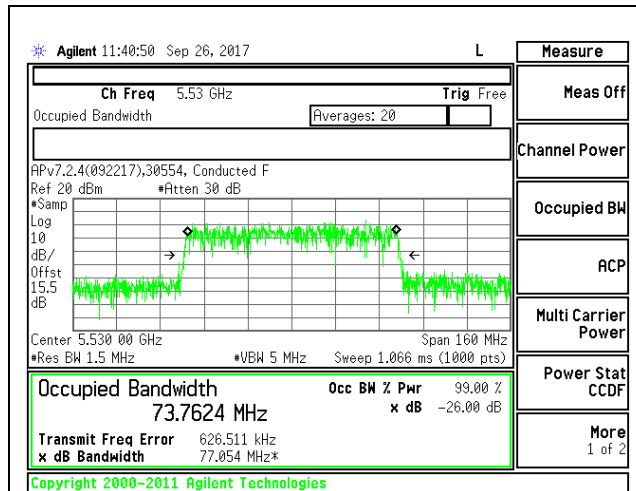
CHANNEL 138



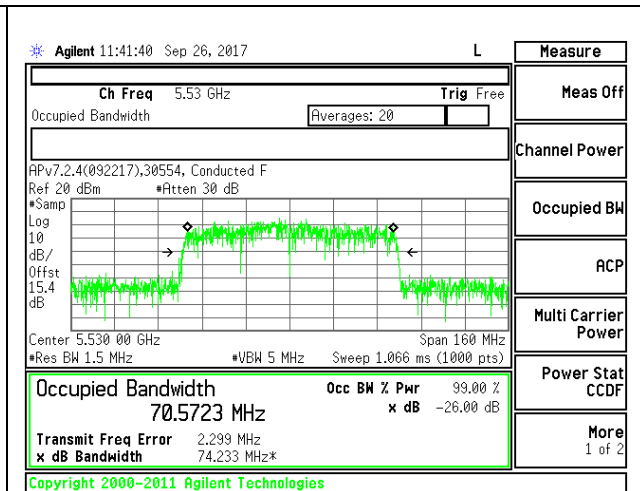
3TX Antenna WF4 + Antenna WF3 + Antenna WF2 BF Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5530	73.7620	70.5720	79.3330
High	5610	79.8470	74.4470	71.2780
138	5690	77.3880	74.7190	73.6250

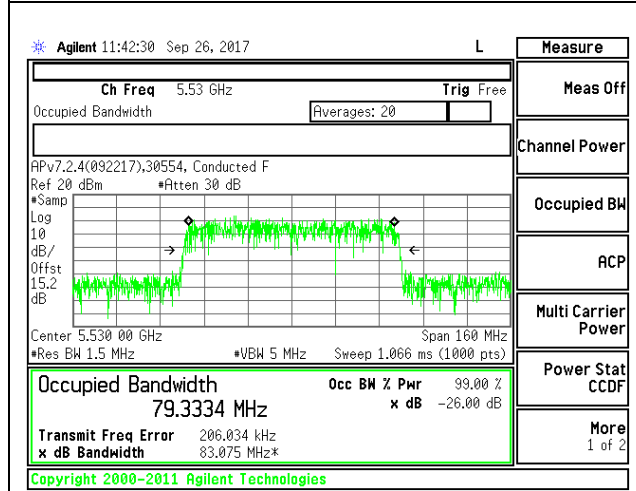
LOW CHANNEL



LOW CHANNEL WF4

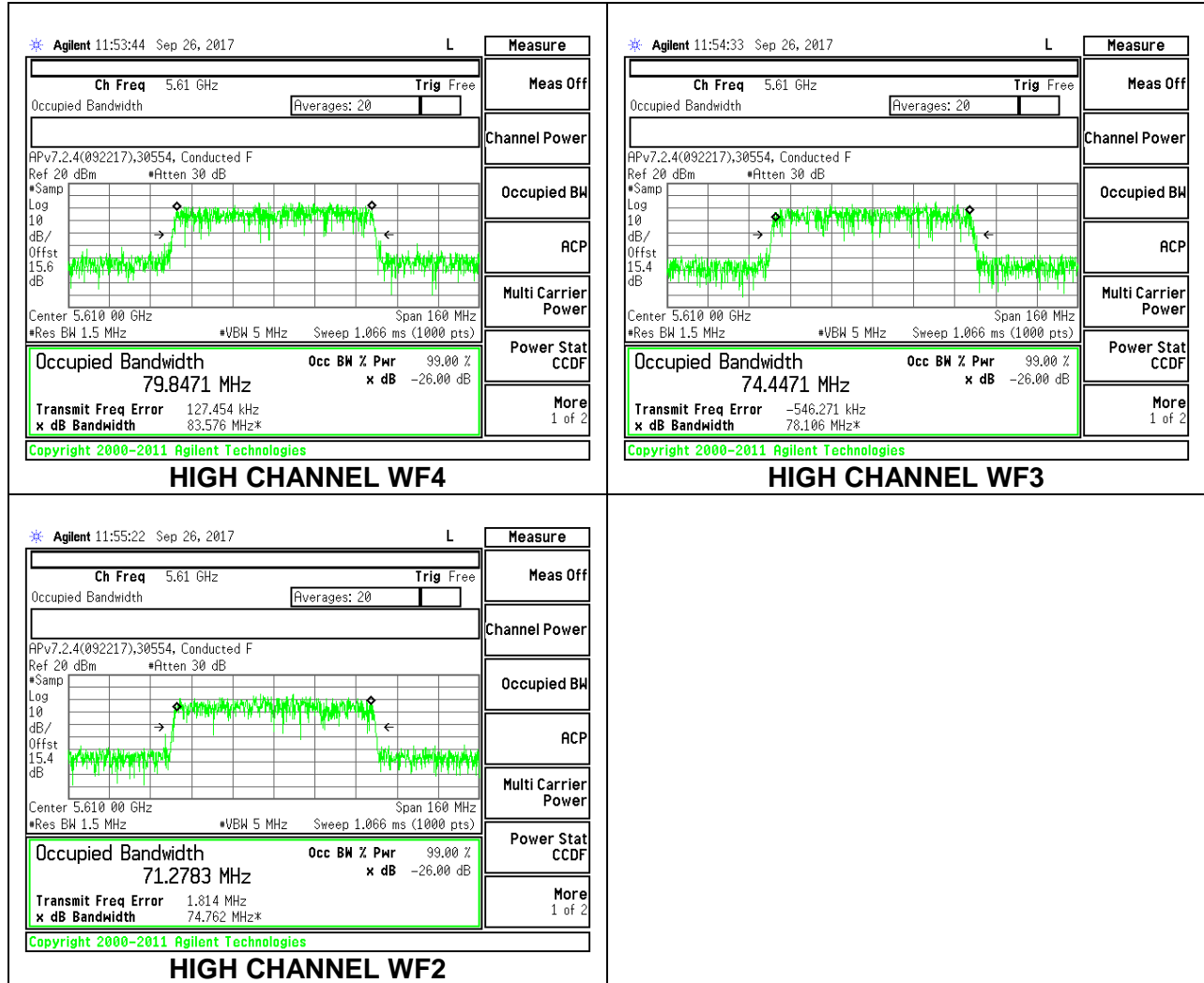


LOW CHANNEL WF3

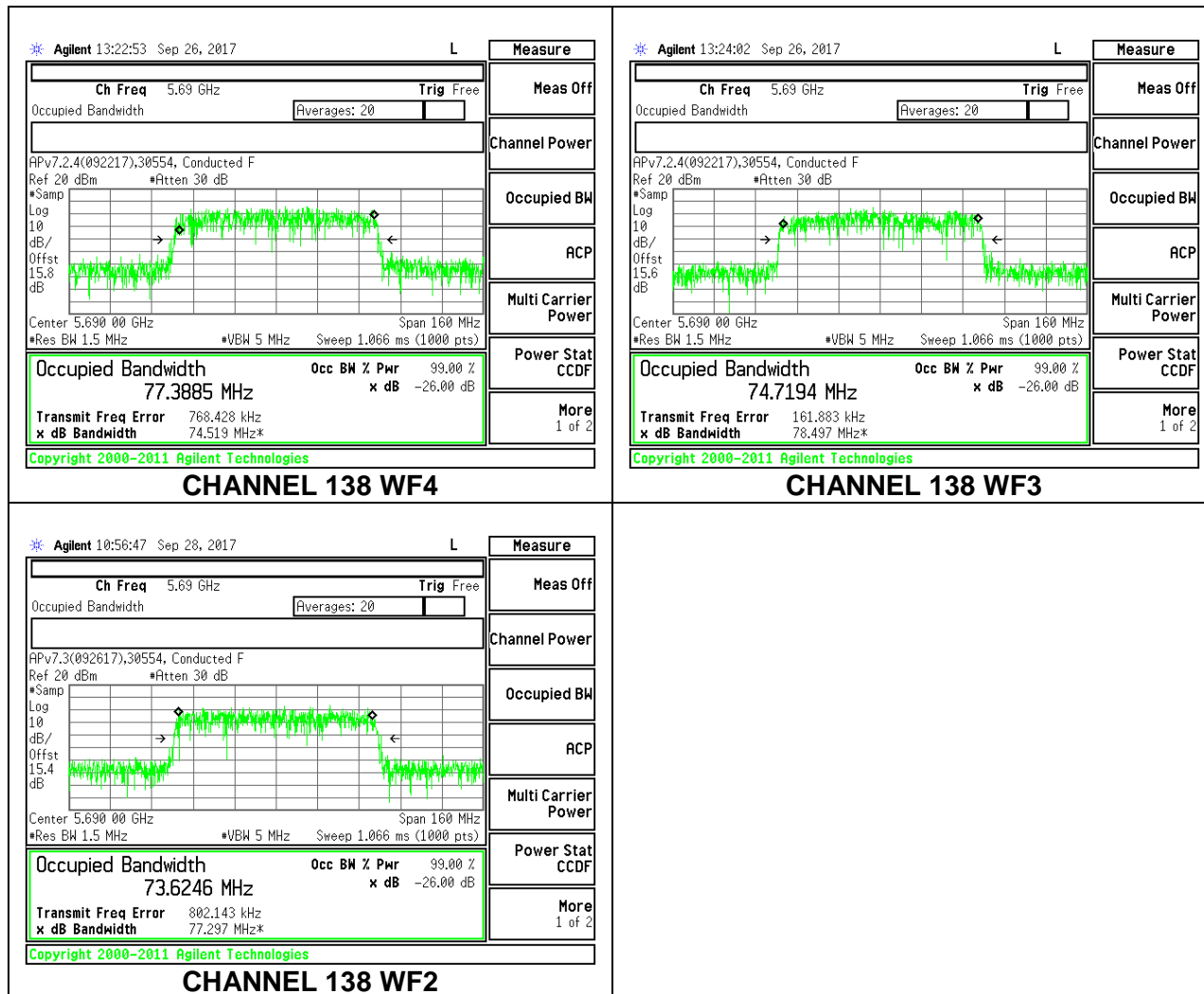


LOW CHANNEL WF2

HIGH CHANNEL



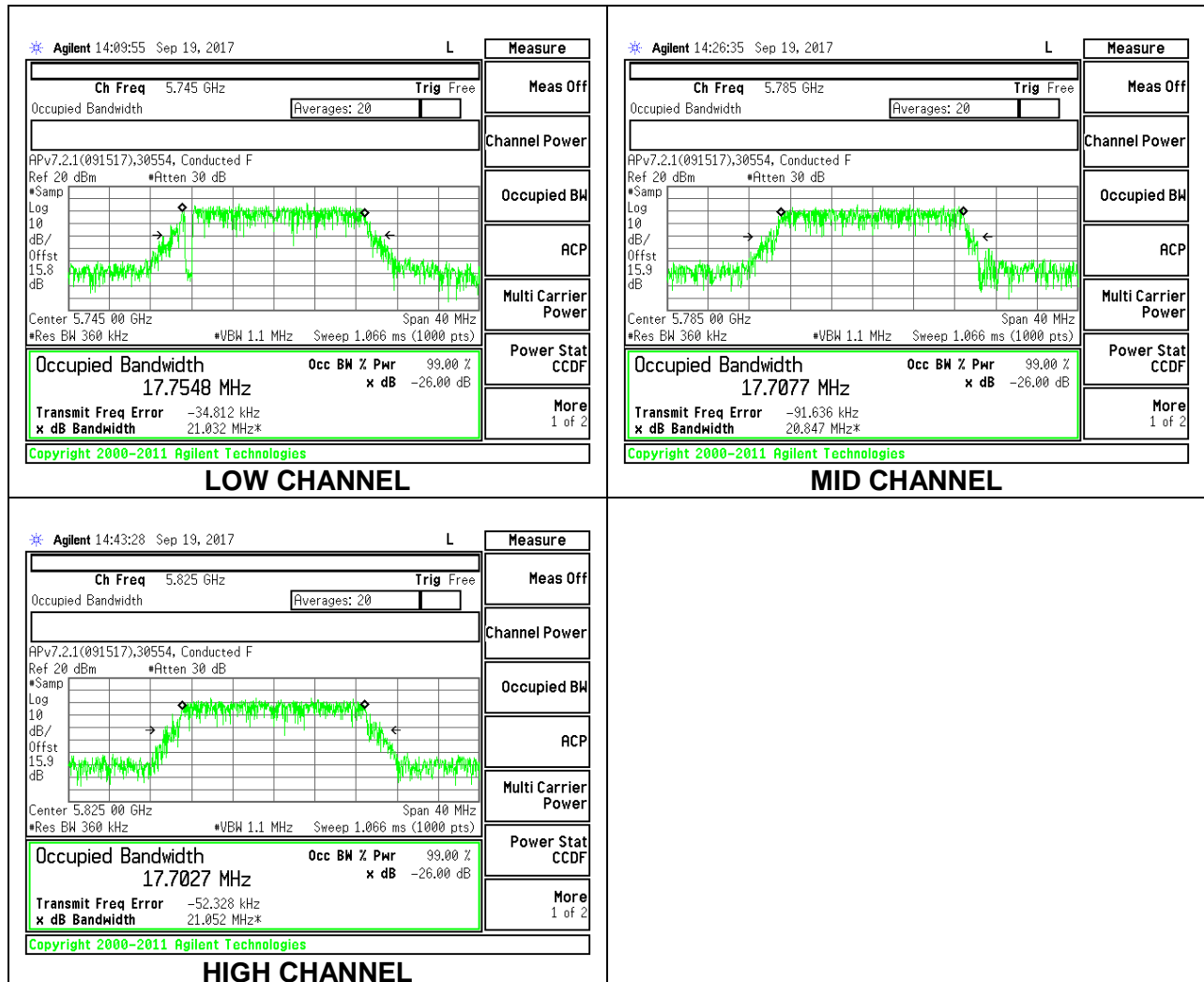
CHANNEL 138



4.3.10. 802.11n HT20 MODE IN THE 5.8 GHz BAND

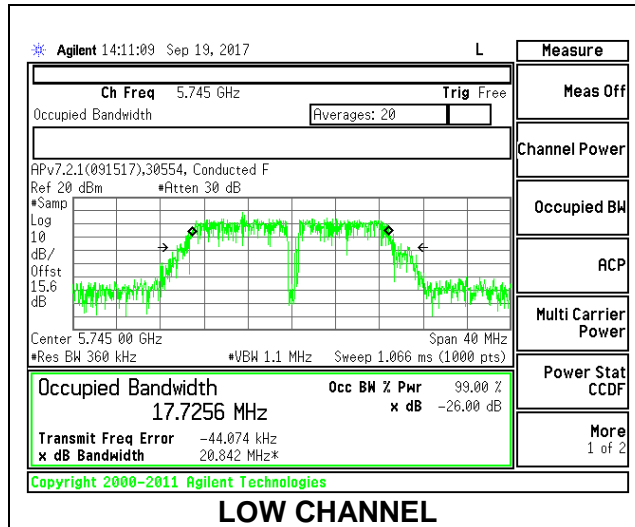
1TX Antenna WF4

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5745	17.7550
Mid	5785	17.7080
High	5825	17.7030

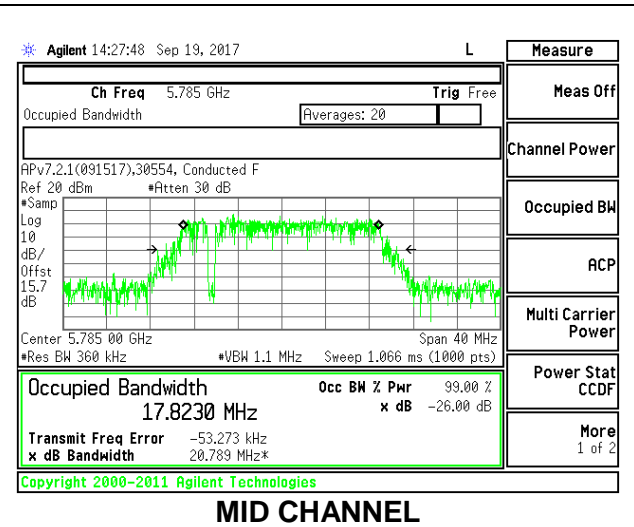


1TX Antenna WF3

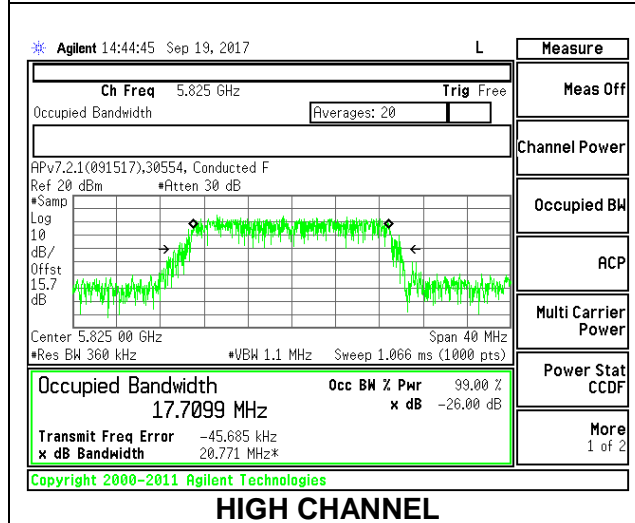
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5745	17.7260
Mid	5785	17.8230
High	5825	17.7100



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL

1TX Antenna WF2

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5745	17.7190
Mid	5785	17.6890
High	5825	17.7350

LOW CHANNEL

Agilent 14:12:23 Sep 19, 2017

Ch Freq: 5.745 GHz

Occupied Bandwidth: 17.7189 MHz

Transmit Freq Error: -53.618 kHz

x dB Bandwidth: 20.993 MHz*

MID CHANNEL

Agilent 14:29:01 Sep 19, 2017

Ch Freq: 5.785 GHz

Occupied Bandwidth: 17.6887 MHz

Transmit Freq Error: -100.630 kHz

x dB Bandwidth: 20.984 MHz*

HIGH CHANNEL

Agilent 14:46:03 Sep 19, 2017

Ch Freq: 5.825 GHz

Occupied Bandwidth: 17.7350 MHz

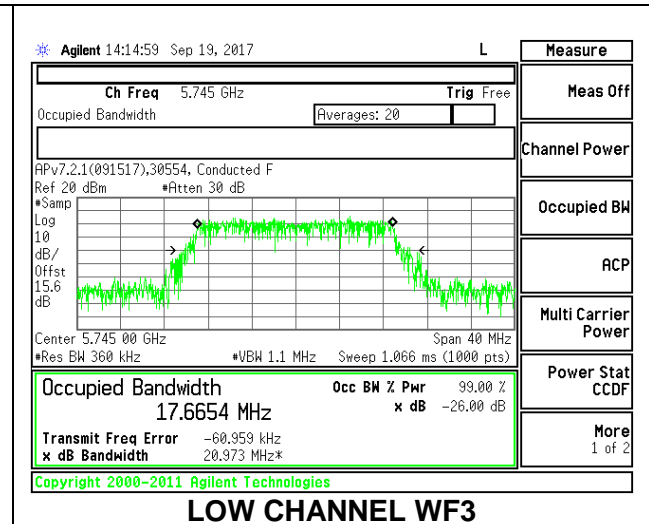
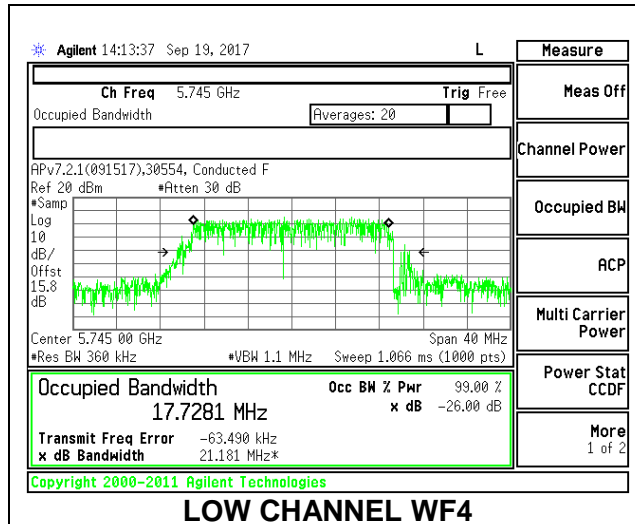
Transmit Freq Error: -22.741 kHz

x dB Bandwidth: 21.197 MHz*

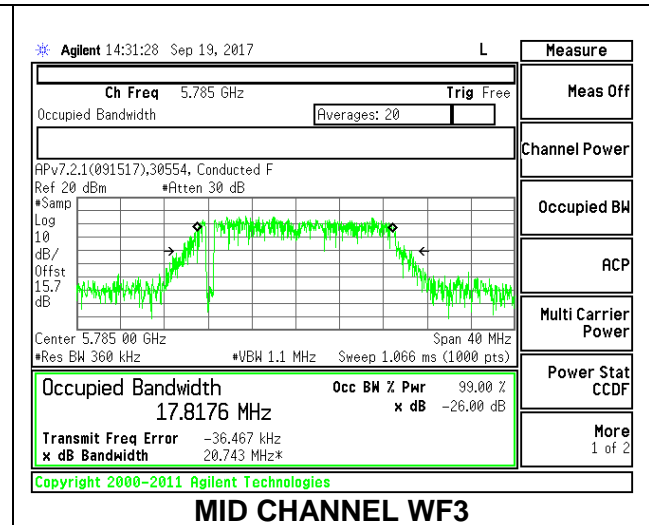
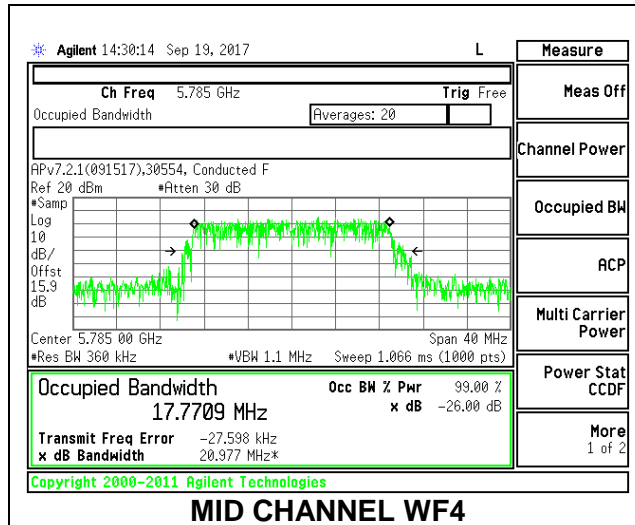
2TX Antenna WF4 + Antenna WF3 CDD Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)
Low	5745	17.7280	17.6650
Mid	5785	17.7710	17.8180
High	5825	17.7390	17.7020

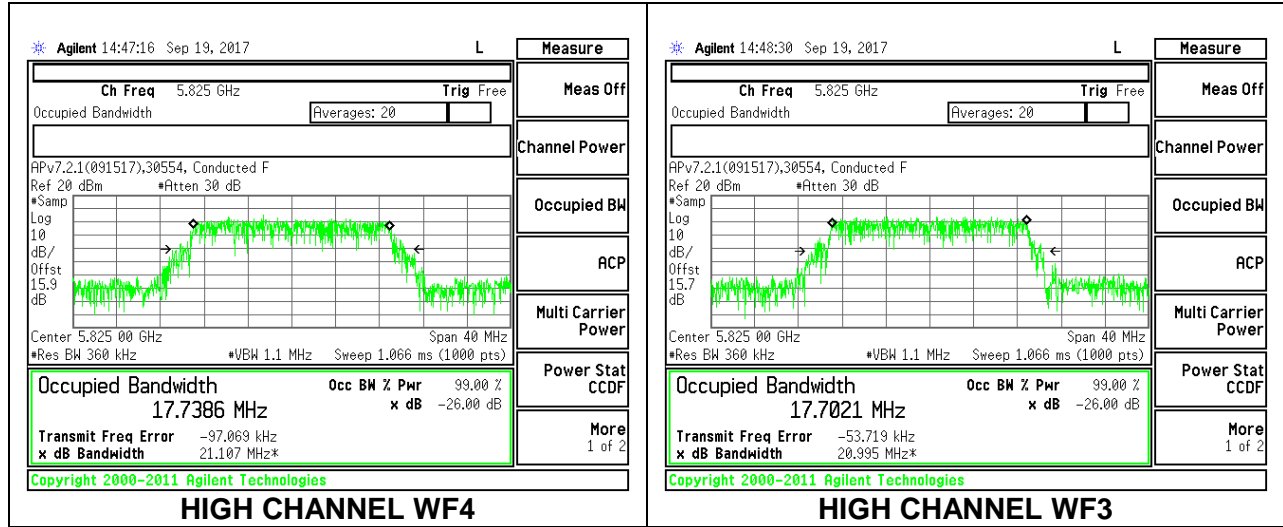
LOW CHANNEL



MID CHANNEL



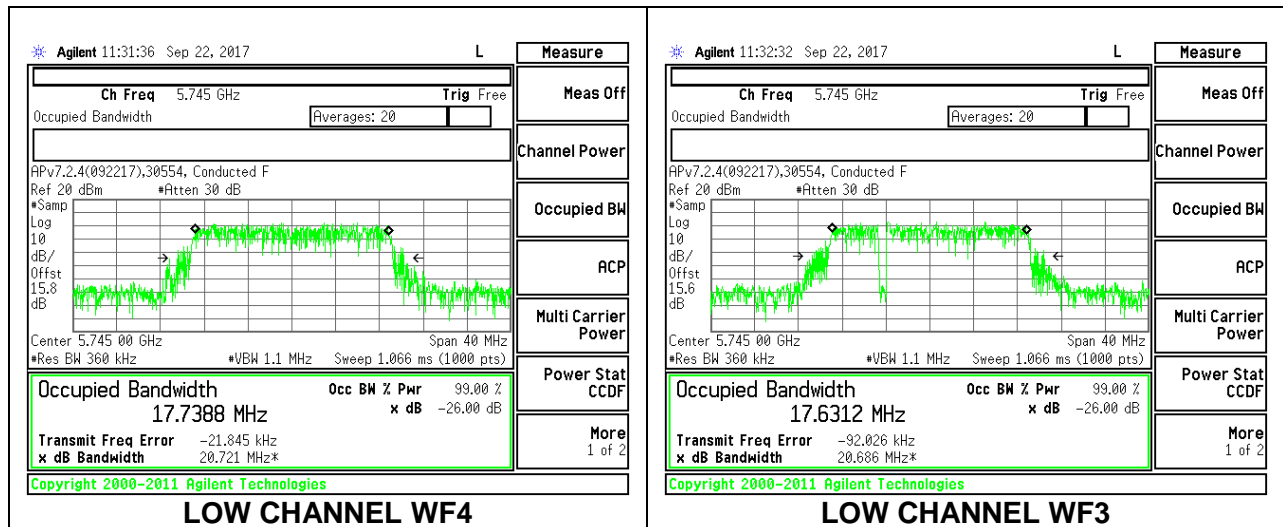
HIGH CHANNEL



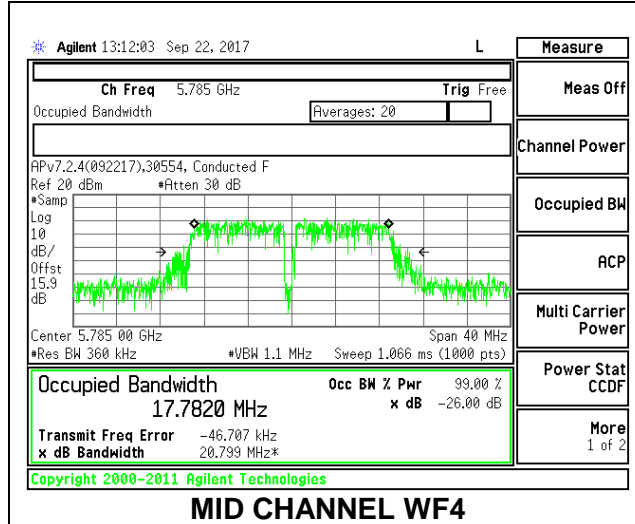
2TX Antenna WF4 + Antenna WF3 SDM Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)
Low	5745	17.7390	17.6310
Mid	5785	17.7820	17.8030
High	5825	17.6200	17.8210

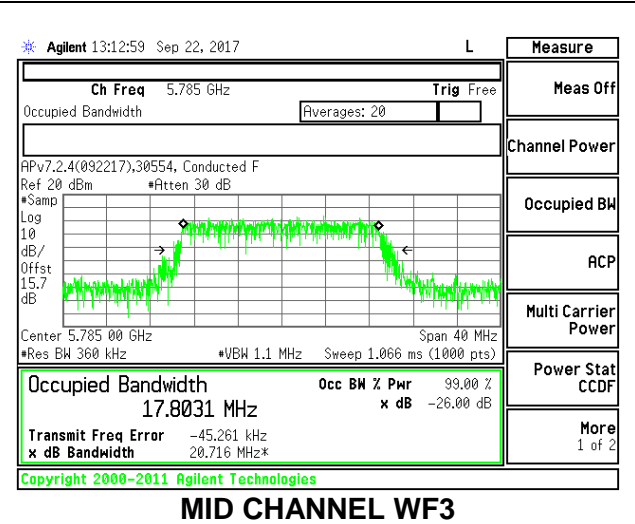
LOW CHANNEL



MID CHANNEL

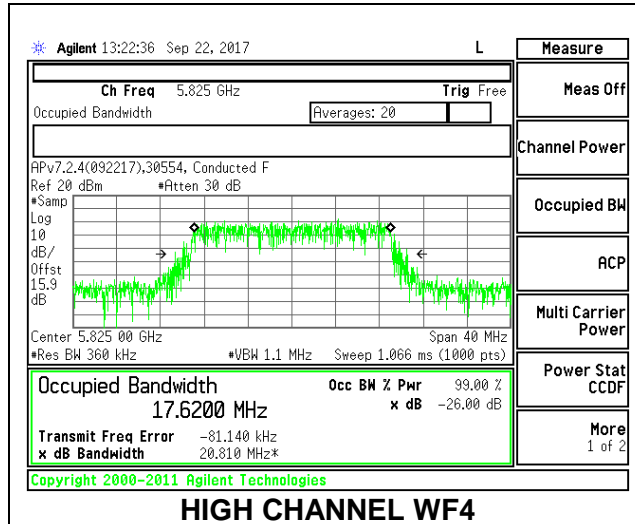


MID CHANNEL WF4

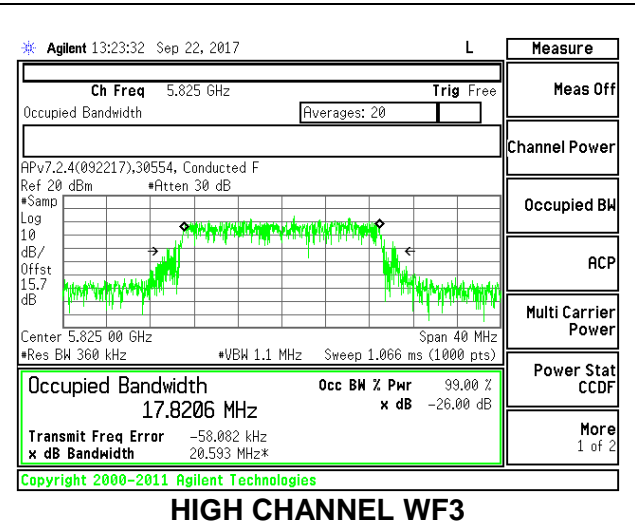


MID CHANNEL WF3

HIGH CHANNEL



HIGH CHANNEL WF4

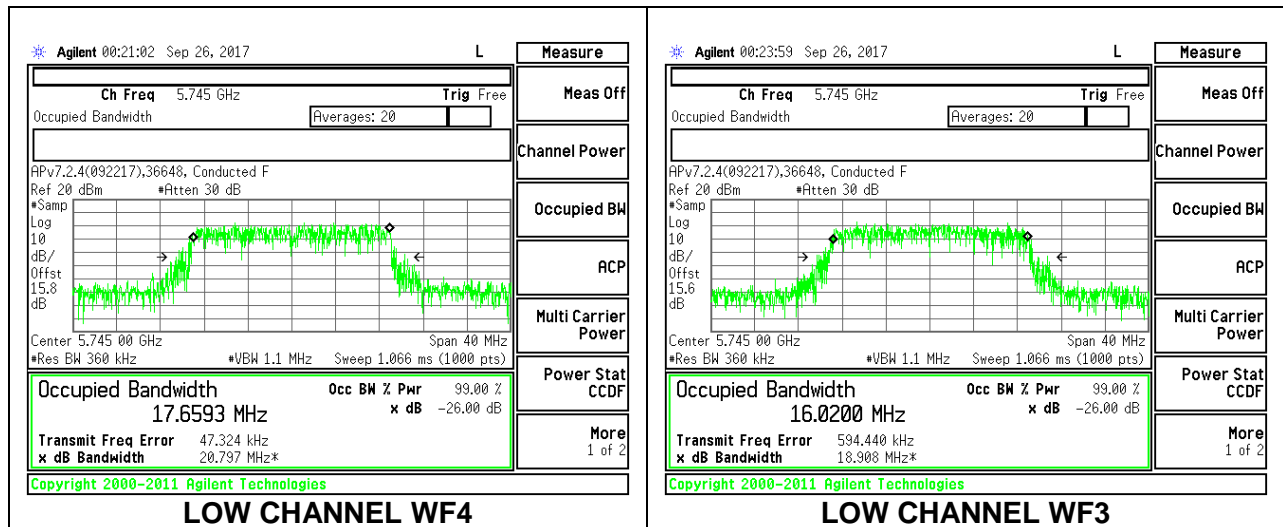


HIGH CHANNEL WF3

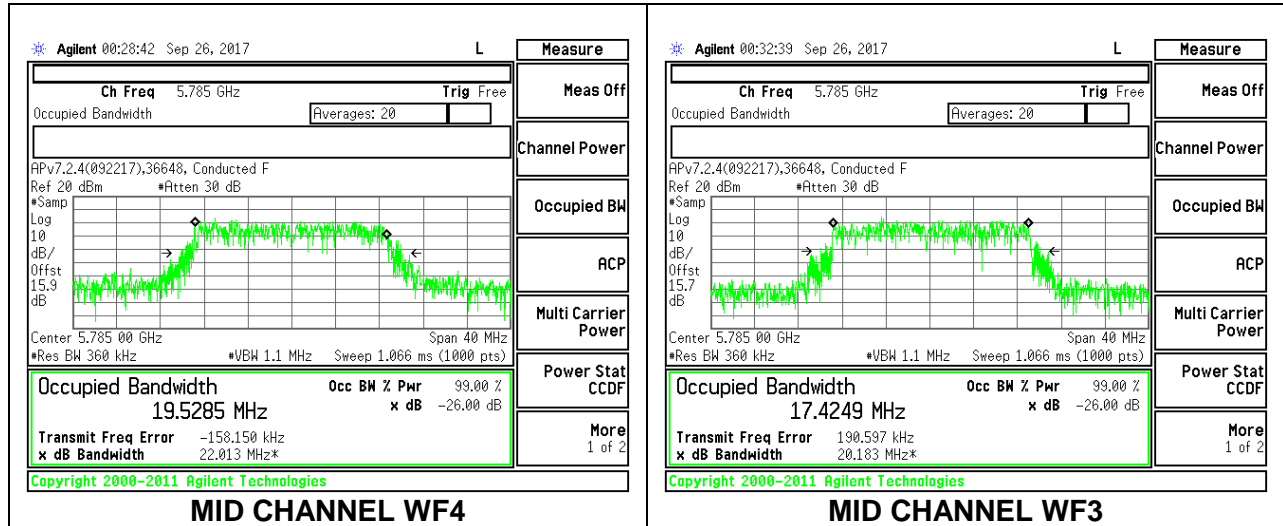
2TX Antenna WF4 + Antenna WF3 BF Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)
Low	5745	17.6590	16.0200
Mid	5785	19.5290	17.4250
High	5825	21.9140	17.3510

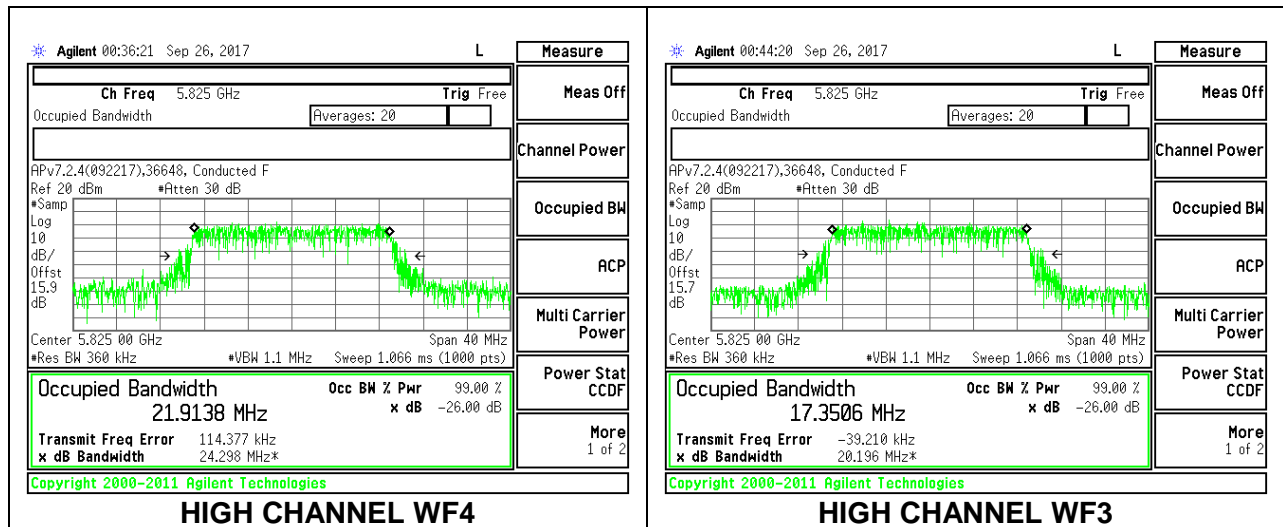
LOW CHANNEL



MID CHANNEL



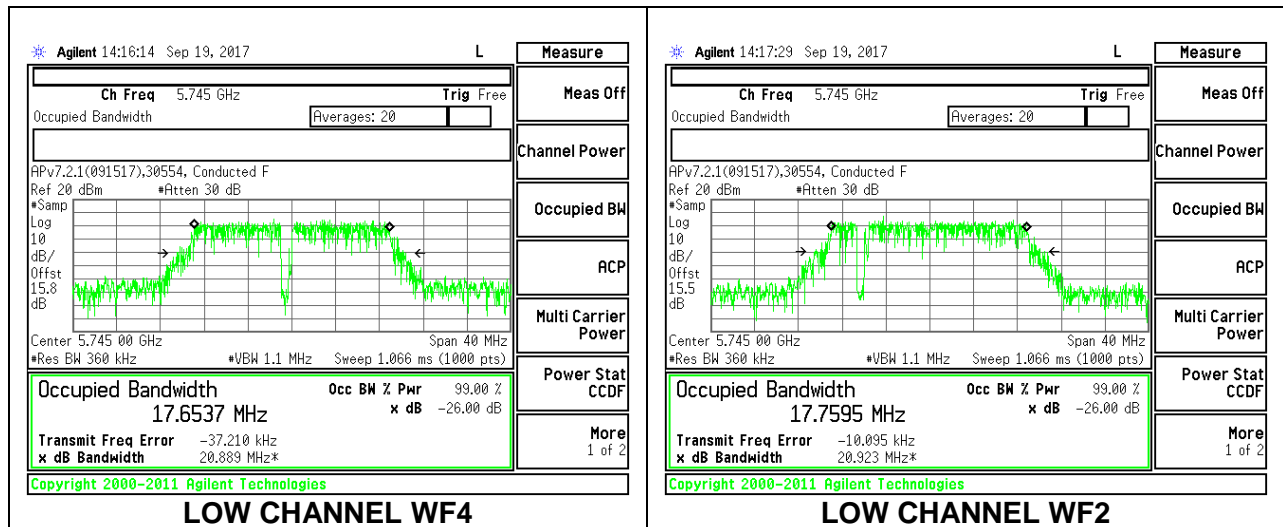
HIGH CHANNEL



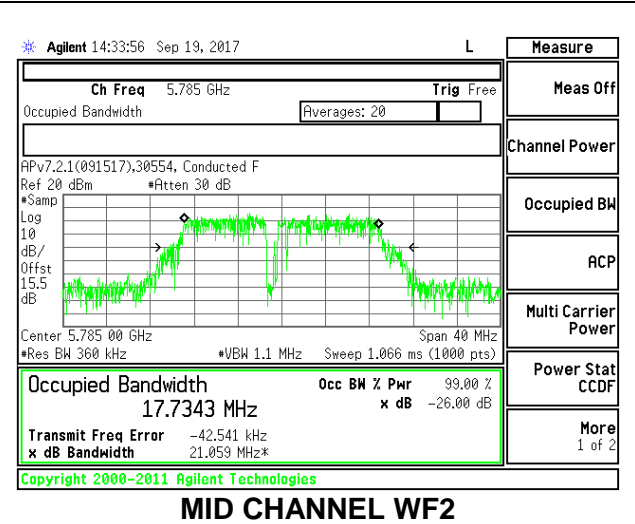
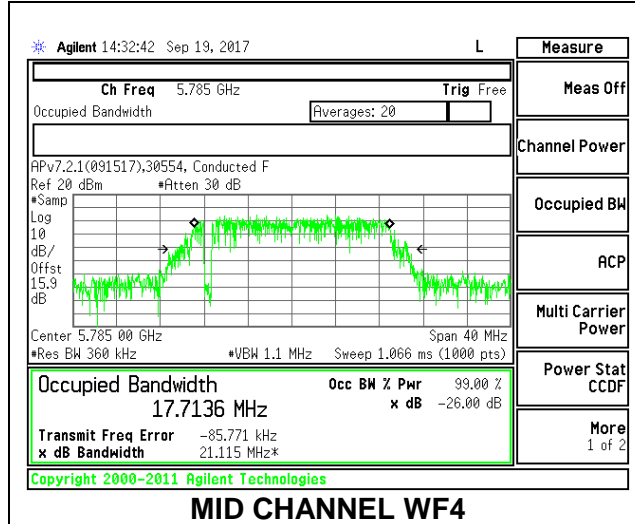
2TX Antenna WF4 + Antenna WF2 CDD Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Low	5745	17.6540	17.7595
Mid	5785	17.7140	17.7340
High	5825	17.7620	17.8080

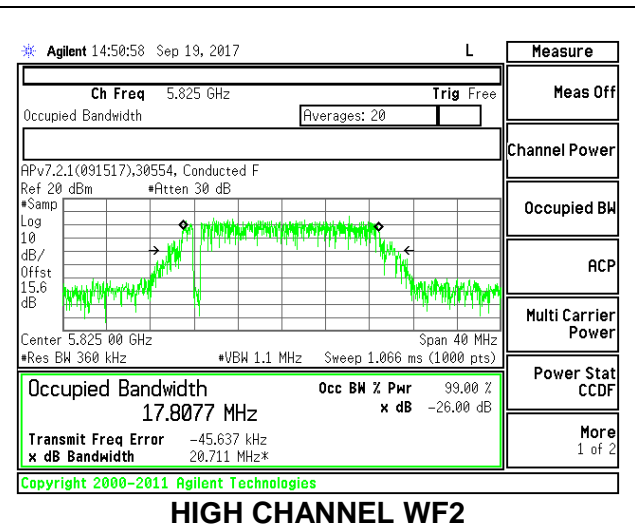
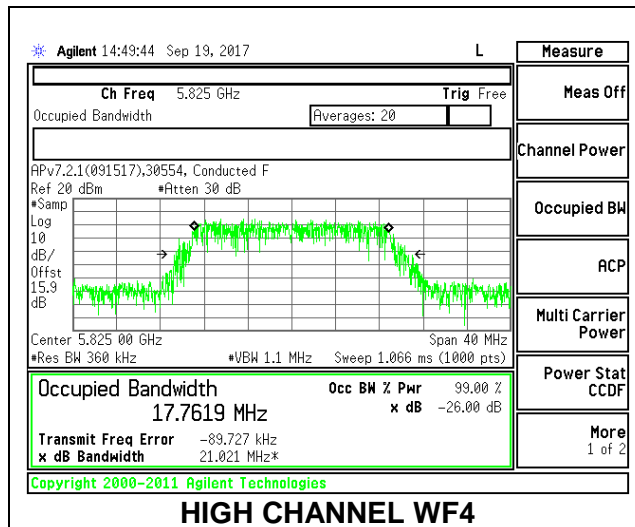
LOW CHANNEL



MID CHANNEL



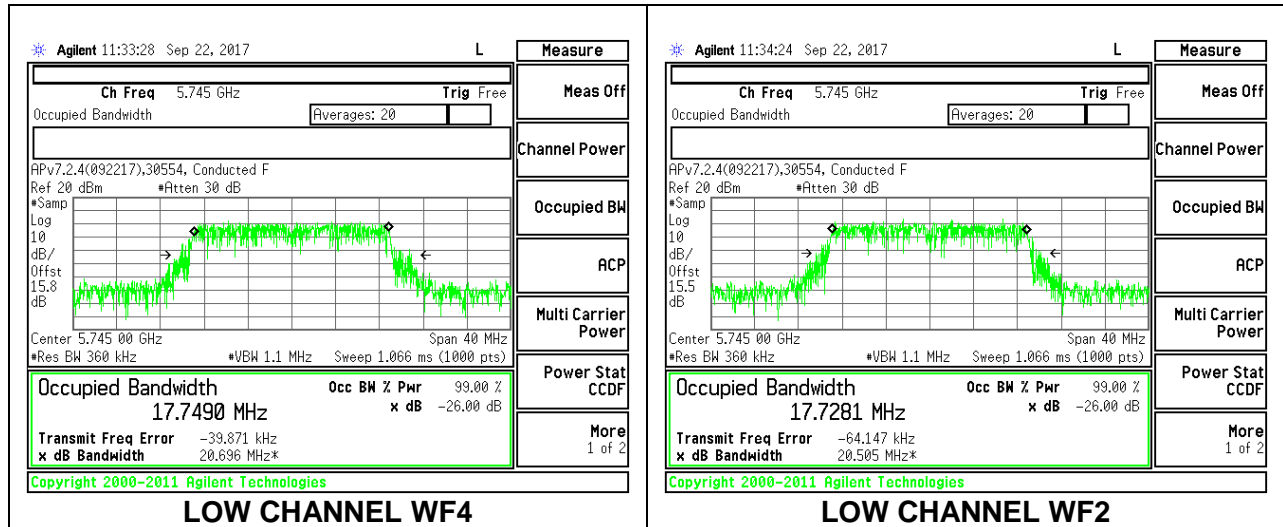
HIGH CHANNEL



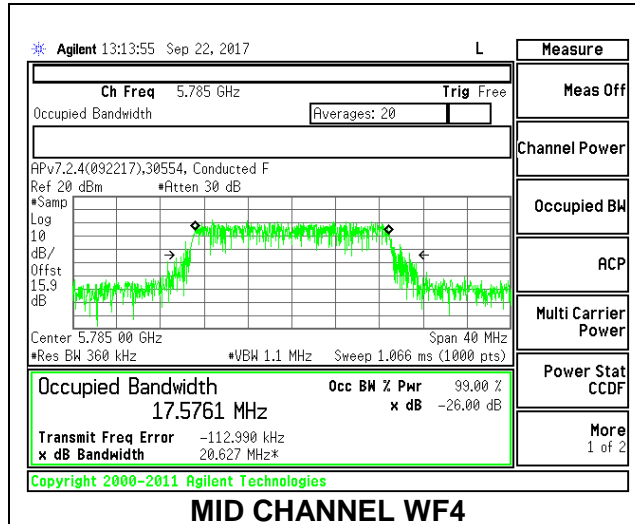
2TX Antenna WF4 + Antenna WF2 SDM Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Low	5745	17.7490	17.7280
Mid	5785	17.5760	17.8040
High	5825	17.7810	17.7870

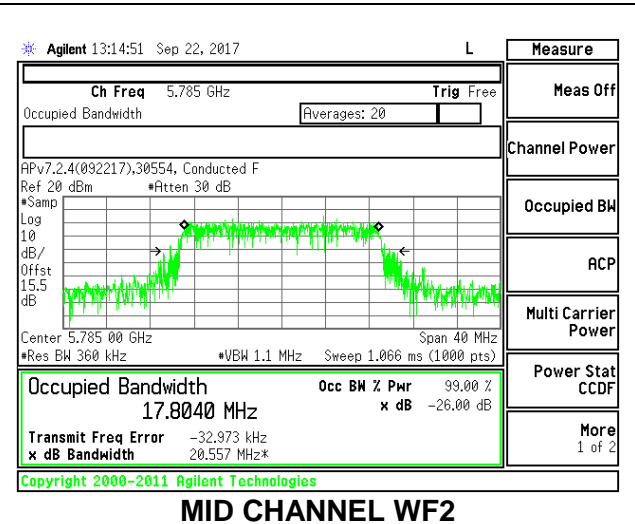
LOW CHANNEL



MID CHANNEL

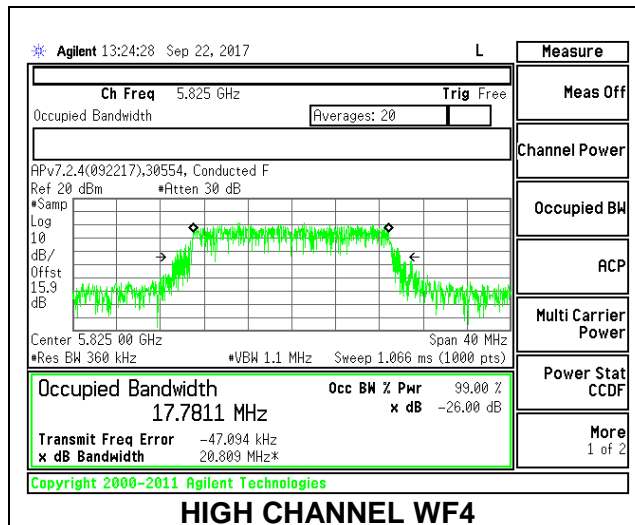


MID CHANNEL WF4

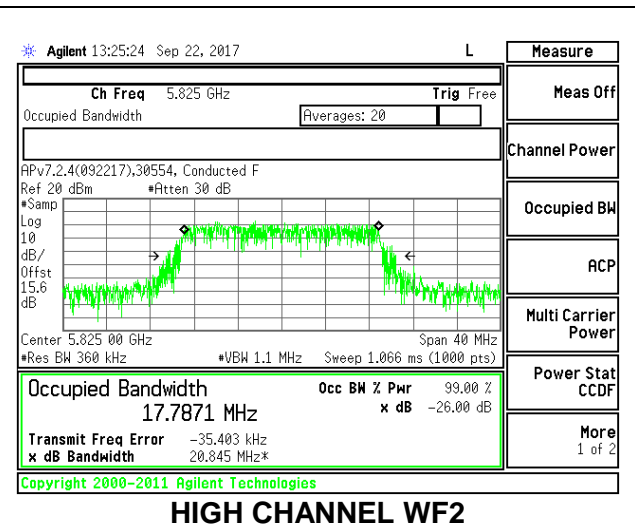


MID CHANNEL WF2

HIGH CHANNEL



HIGH CHANNEL WF4



HIGH CHANNEL WF2

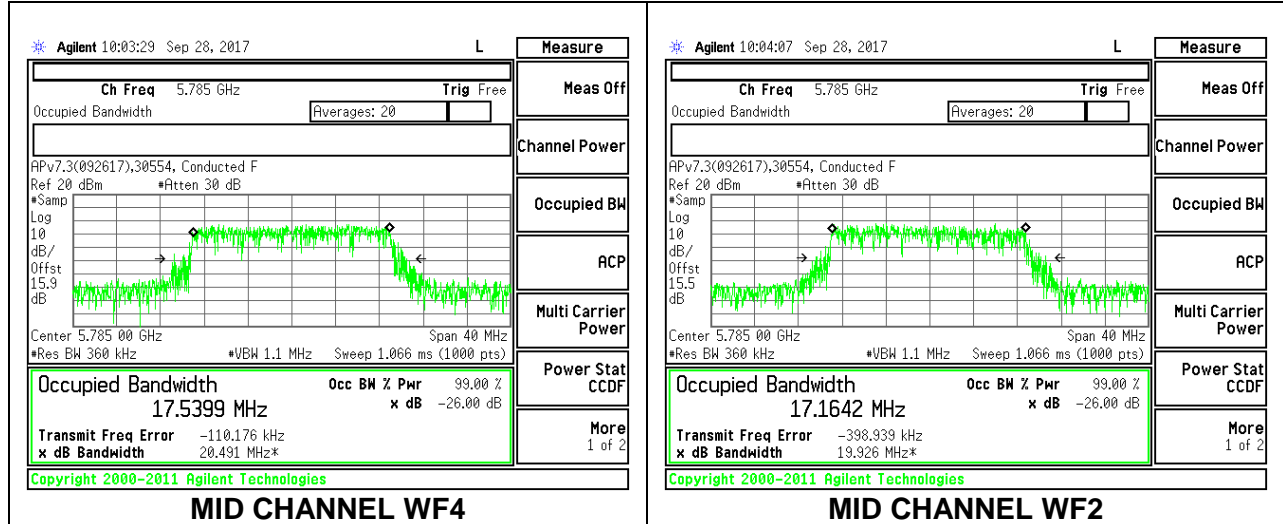
2TX Antenna WF4 + Antenna WF2 BF Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Low	5745	17.9870	16.3290
Mid	5785	17.5400	17.1640
High	5825	17.5440	17.9290

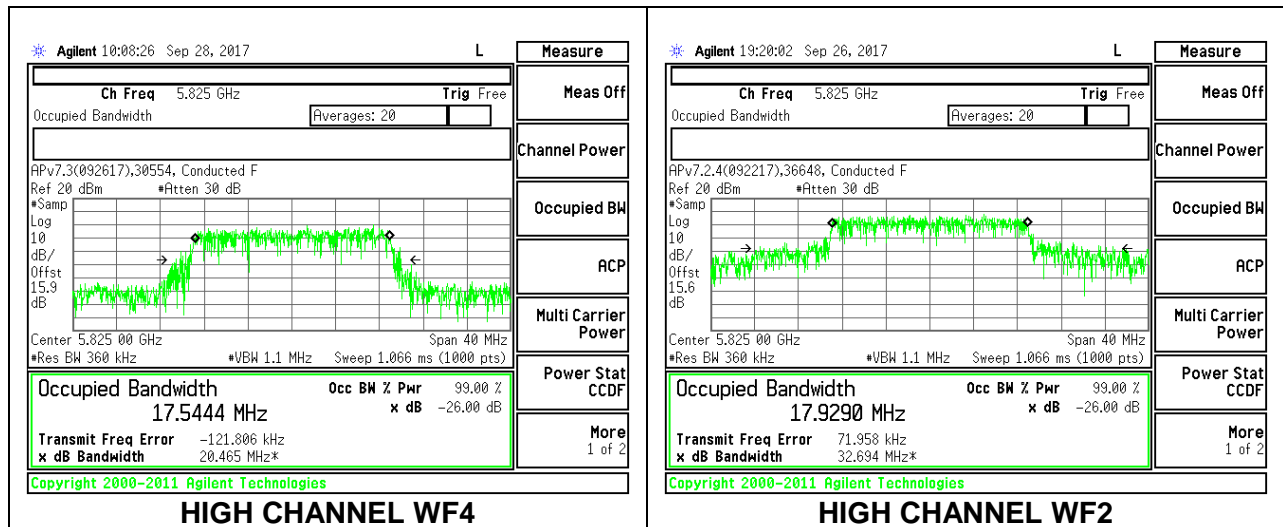
LOW CHANNEL



MID CHANNEL



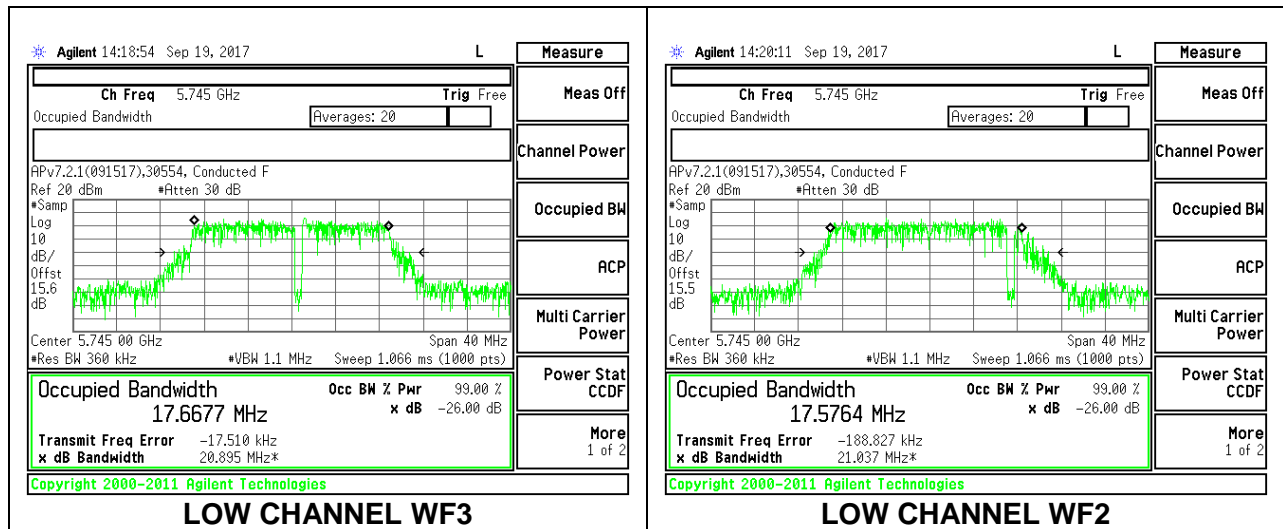
HIGH CHANNEL



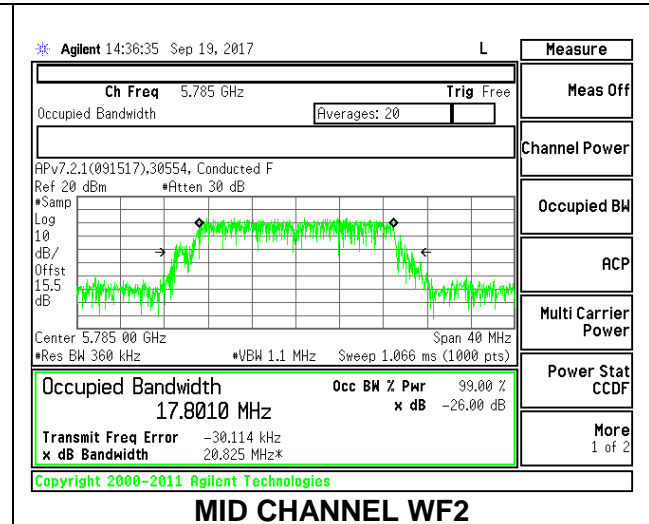
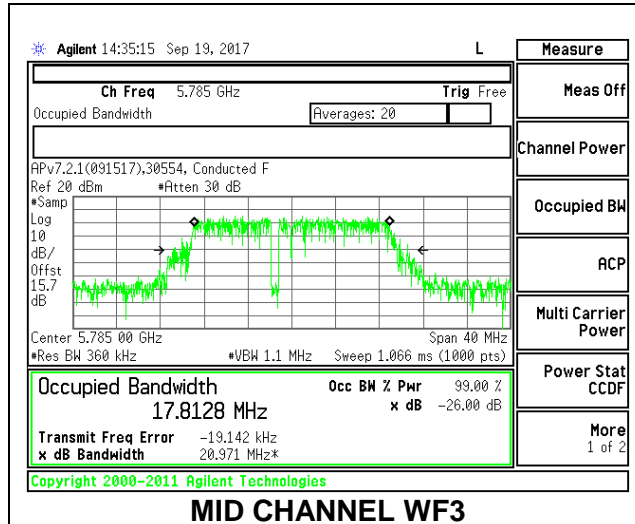
2TX Antenna WF3 + Antenna WF2 CDD Mode

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5745	17.6680	17.5760
Mid	5785	17.8130	17.8010
High	5825	17.7300	17.7800

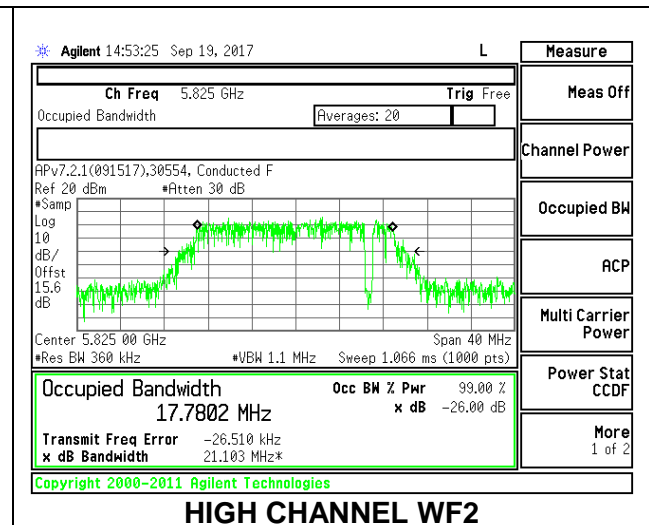
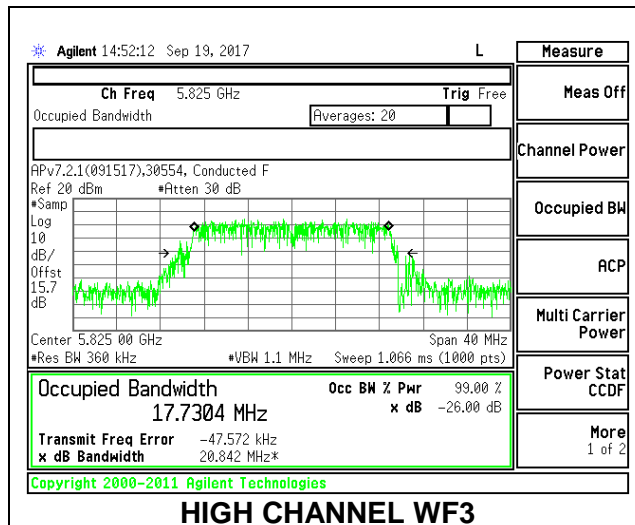
LOW CHANNEL



MID CHANNEL



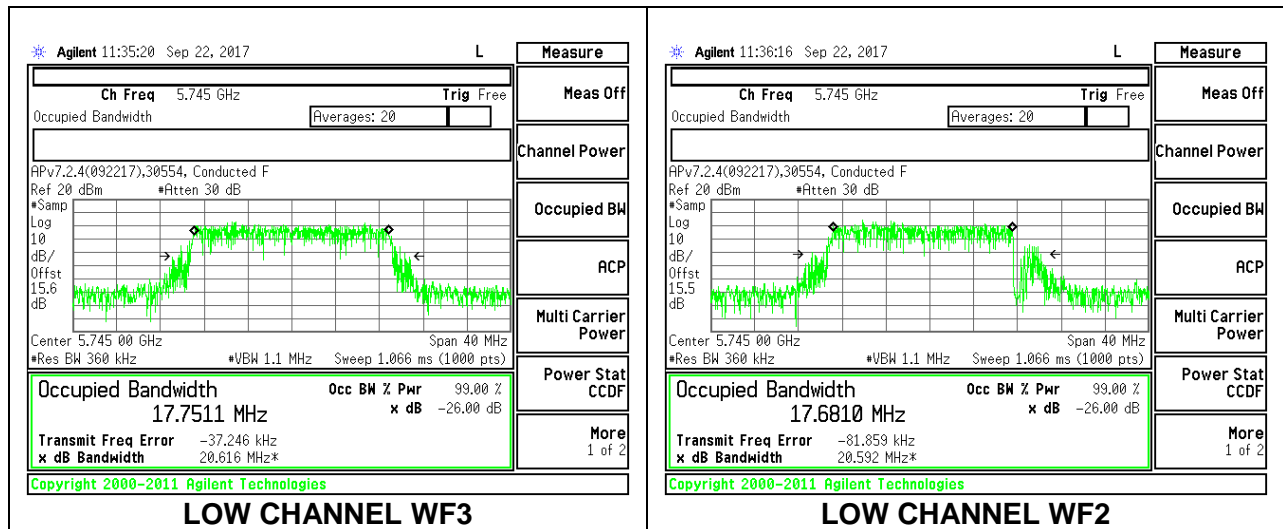
HIGH CHANNEL



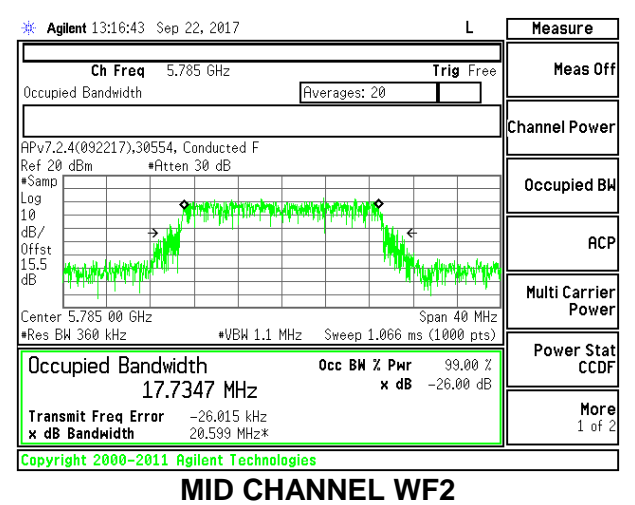
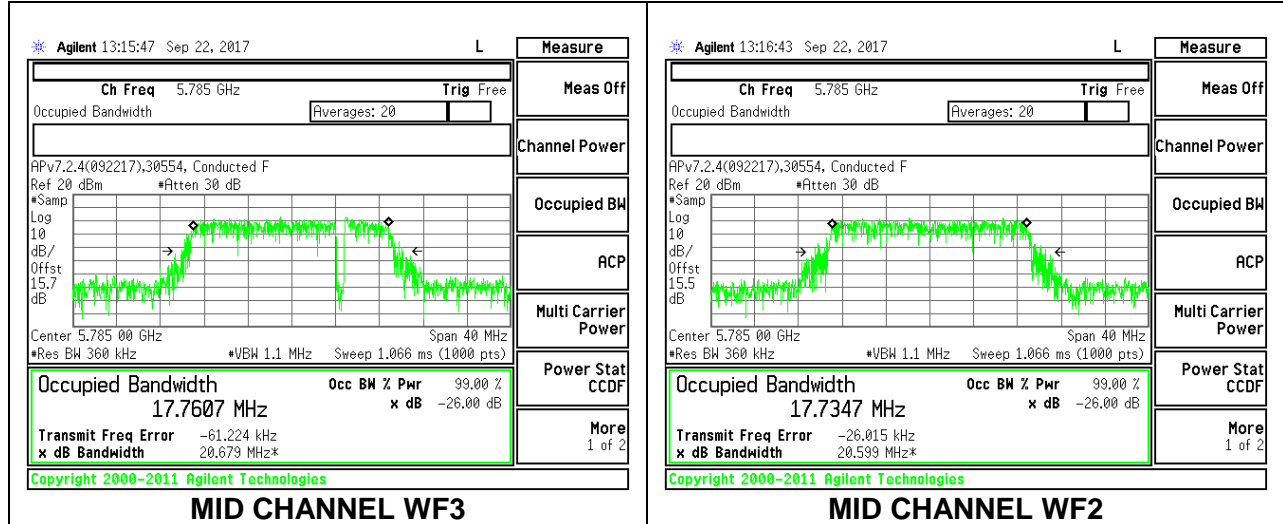
2TX Antenna WF3 + Antenna WF2 SDM Mode

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5745	17.7510	17.6810
Mid	5785	17.7610	17.7350
High	5825	17.7590	17.7760

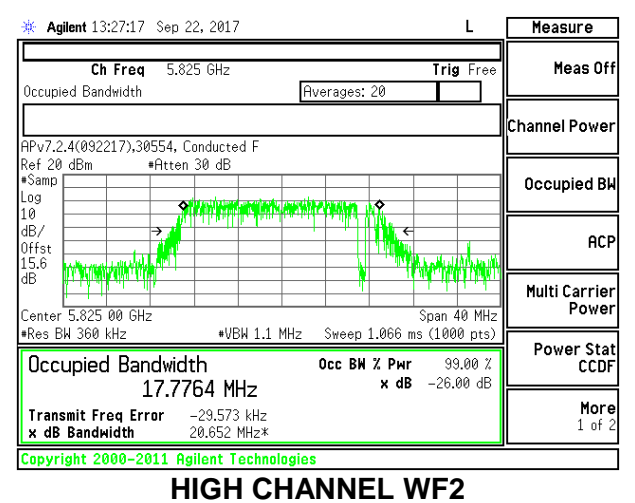
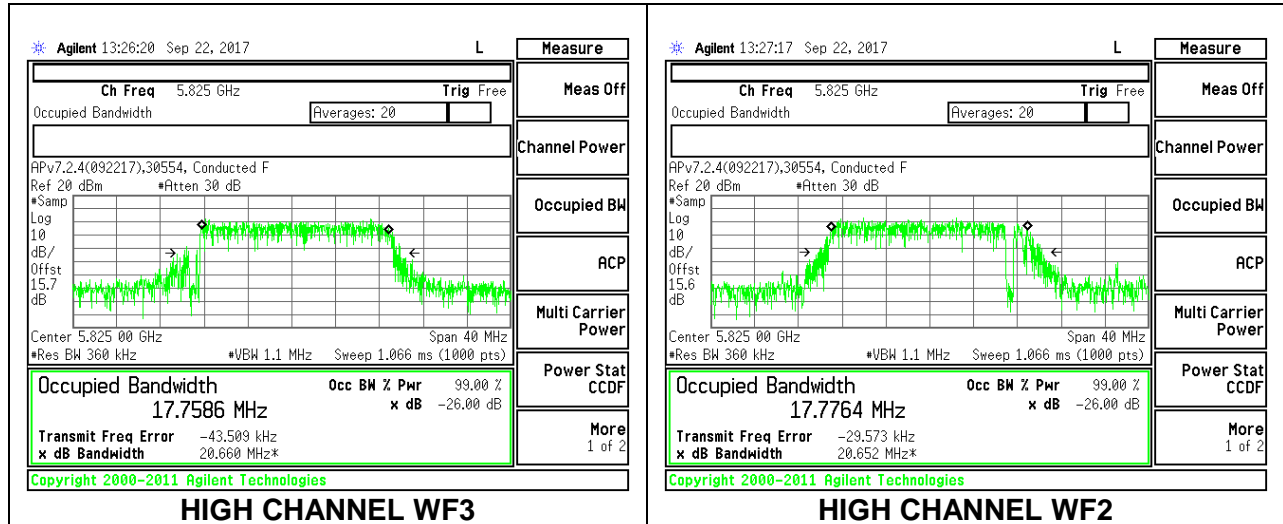
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



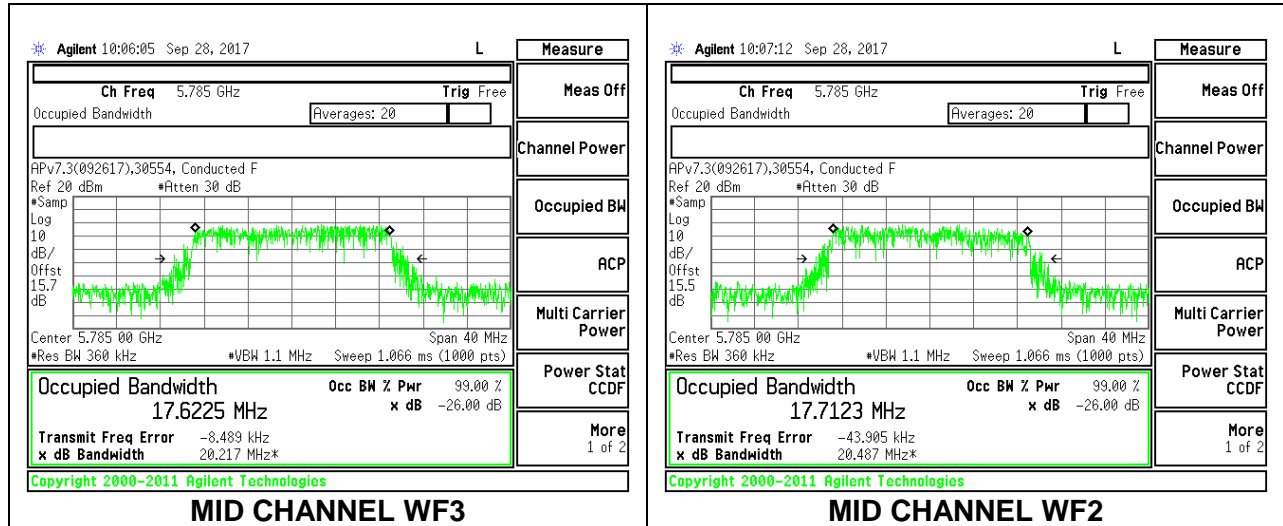
2TX Antenna WF3 + Antenna WF2 BF Mode

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5745	17.6390	17.8265
Mid	5785	17.6230	17.7120
High	5825	16.8230	17.8300

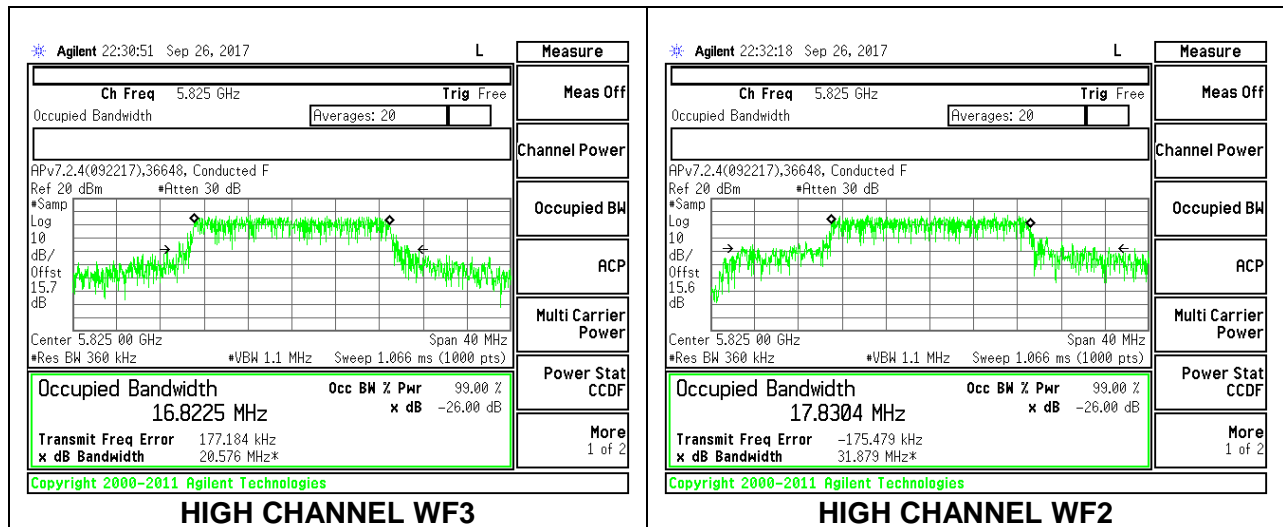
LOW CHANNEL



MID CHANNEL



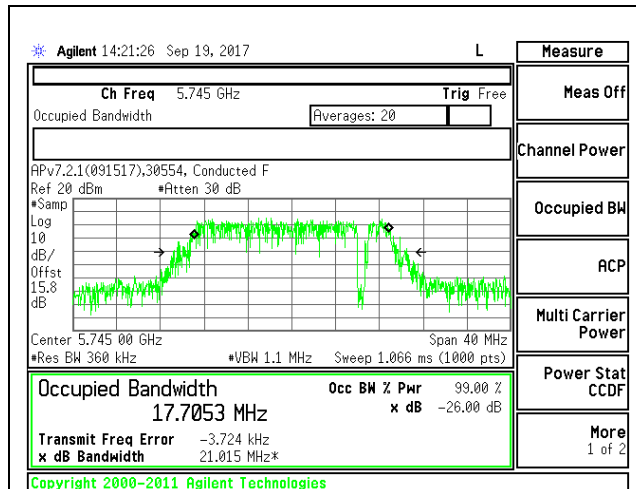
HIGH CHANNEL



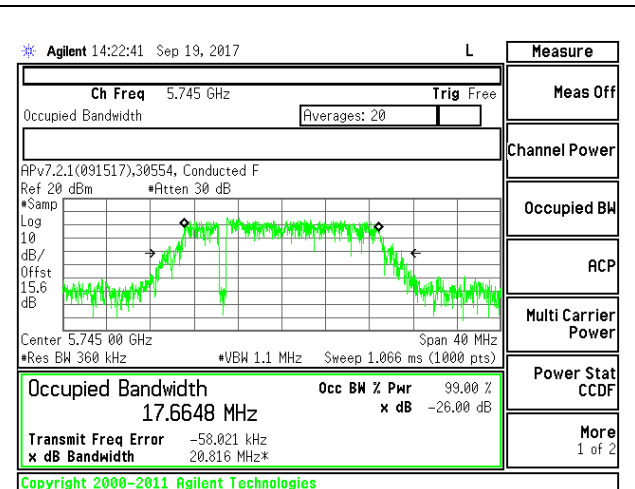
3TX Antenna WF4 + Antenna WF3 + Antenna WF2 CDD Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5745	17.7050	17.6650	17.6230
Mid	5785	17.7010	17.7670	17.6240
High	5825	17.7710	17.6550	17.7120

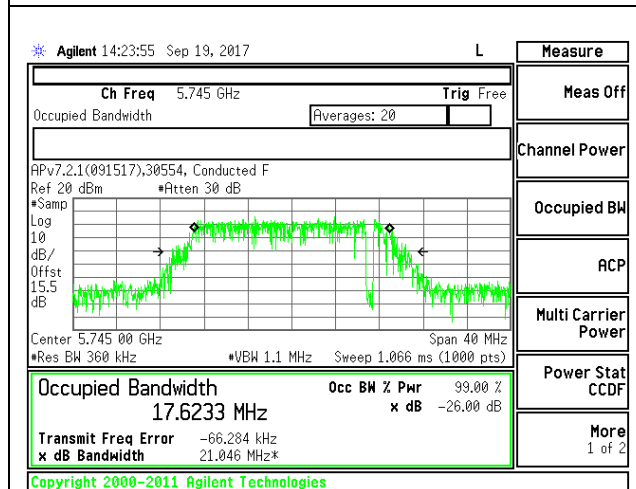
LOW CHANNEL



LOW CHANNEL WF4

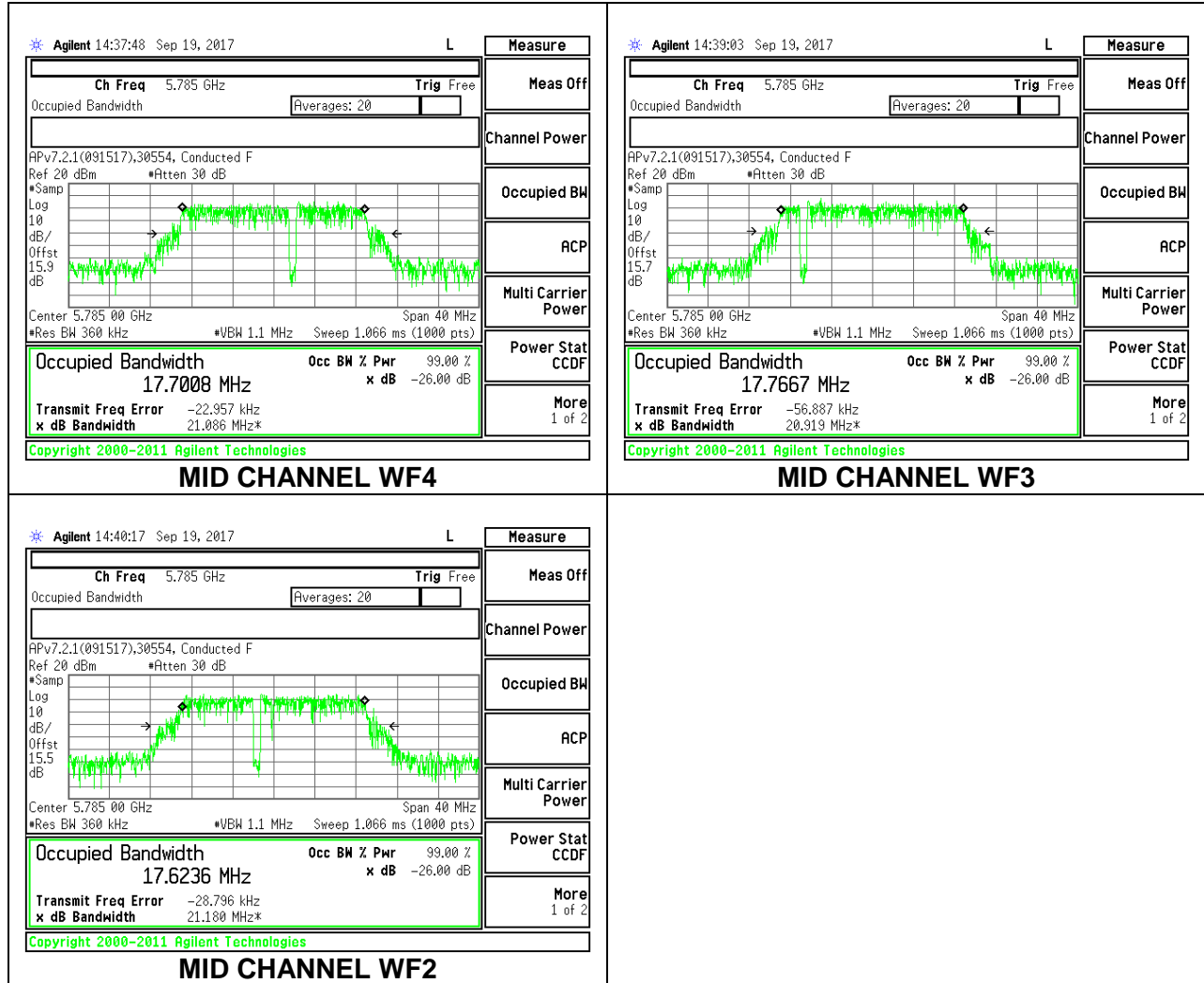


LOW CHANNEL WF3

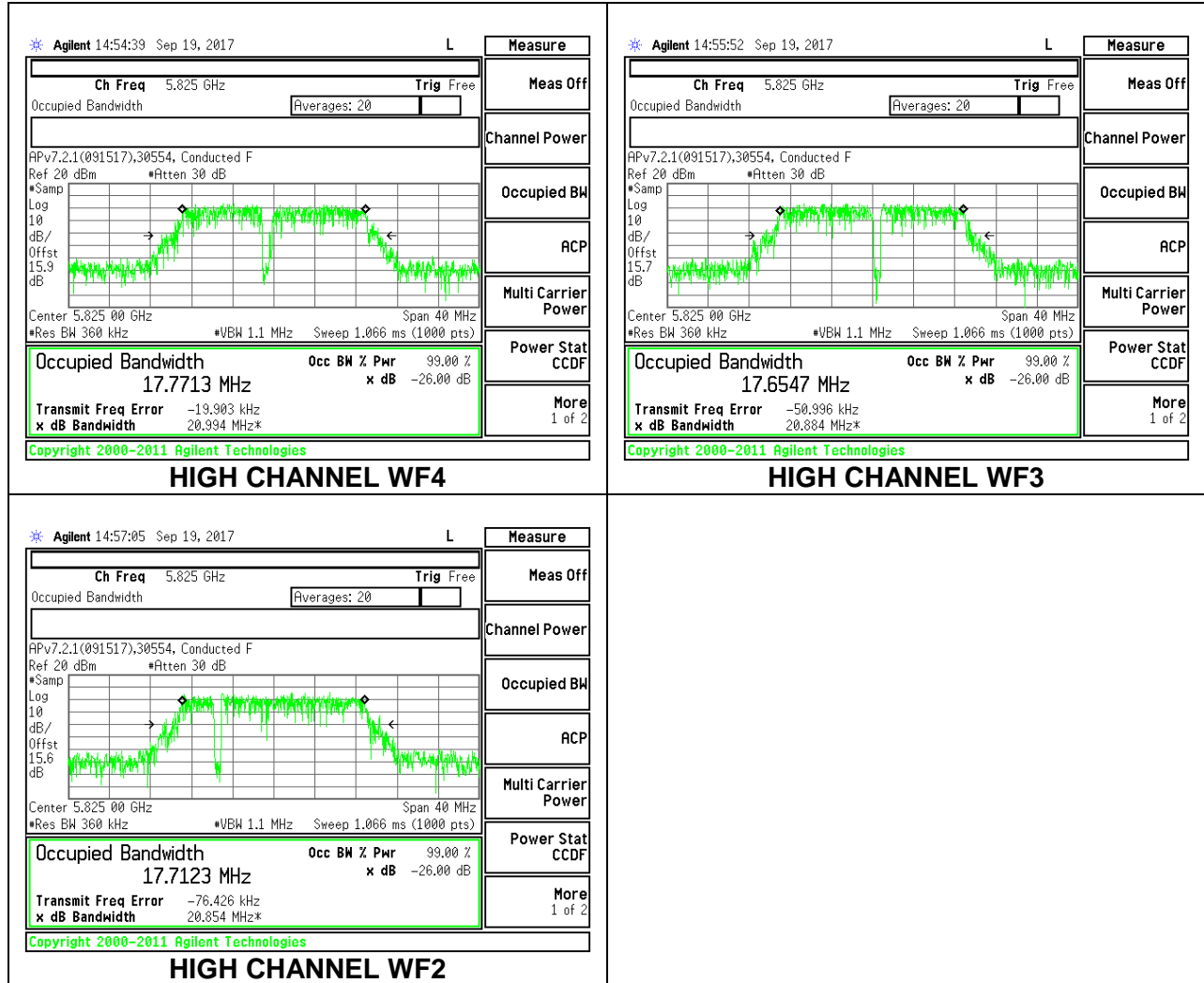


LOW CHANNEL WF2

MID CHANNEL



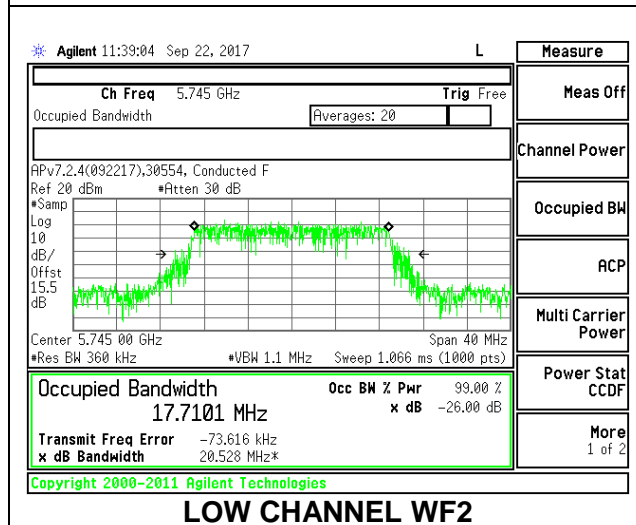
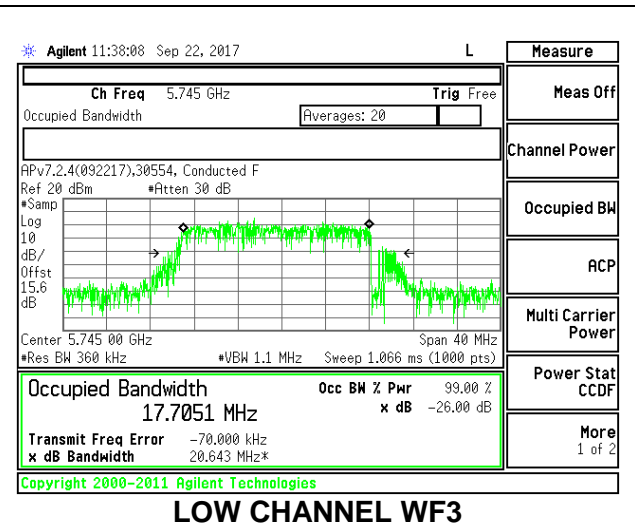
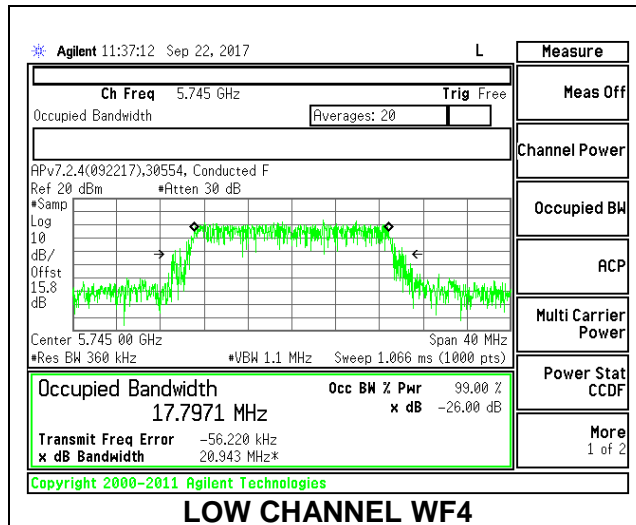
HIGH CHANNEL



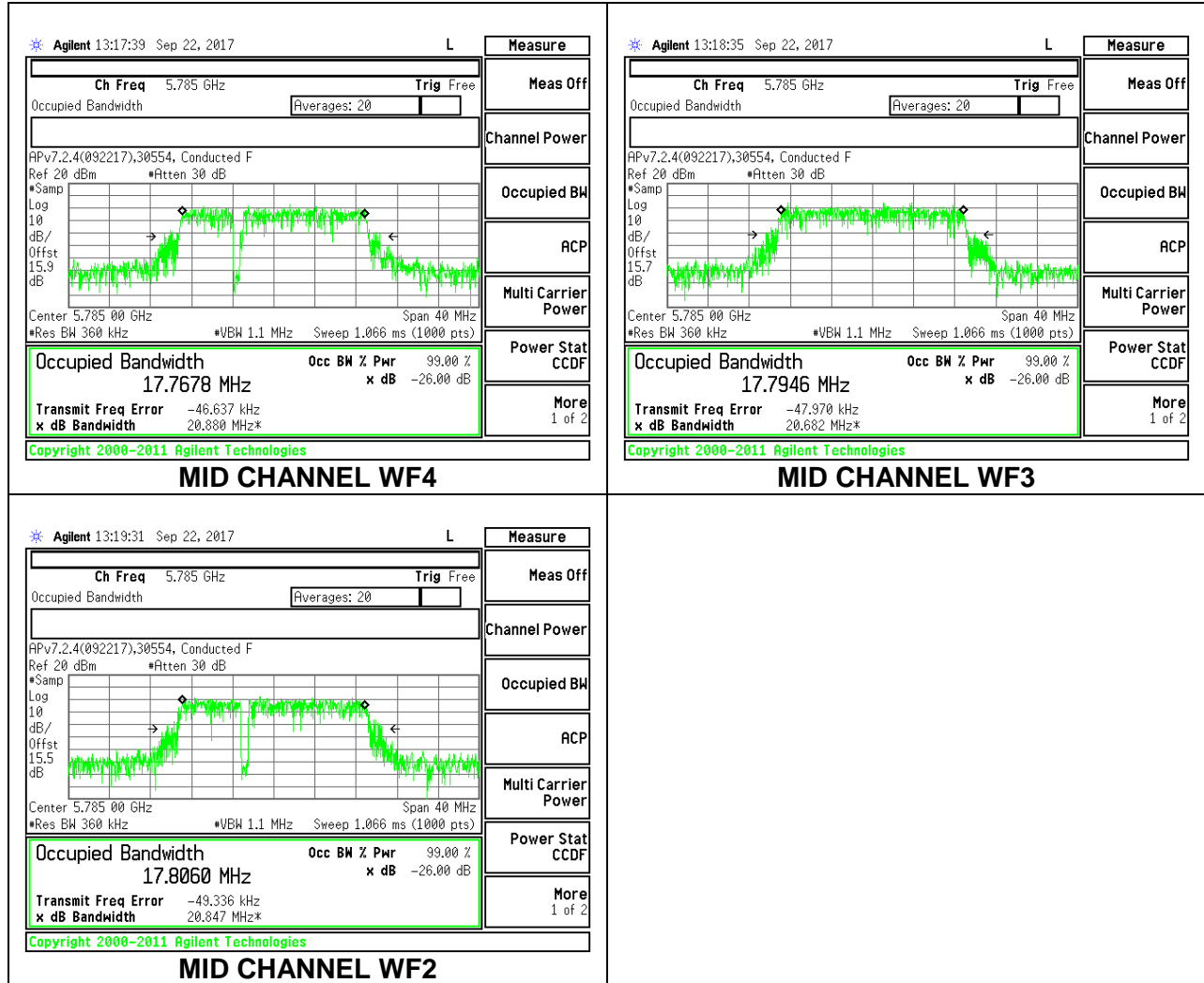
3TX Antenna WF4 + Antenna WF3 + Antenna WF2 SDM Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5745	17.7970	17.7050	17.7100
Mid	5785	17.7680	17.7950	17.8060
High	5825	17.7740	17.6580	17.7370

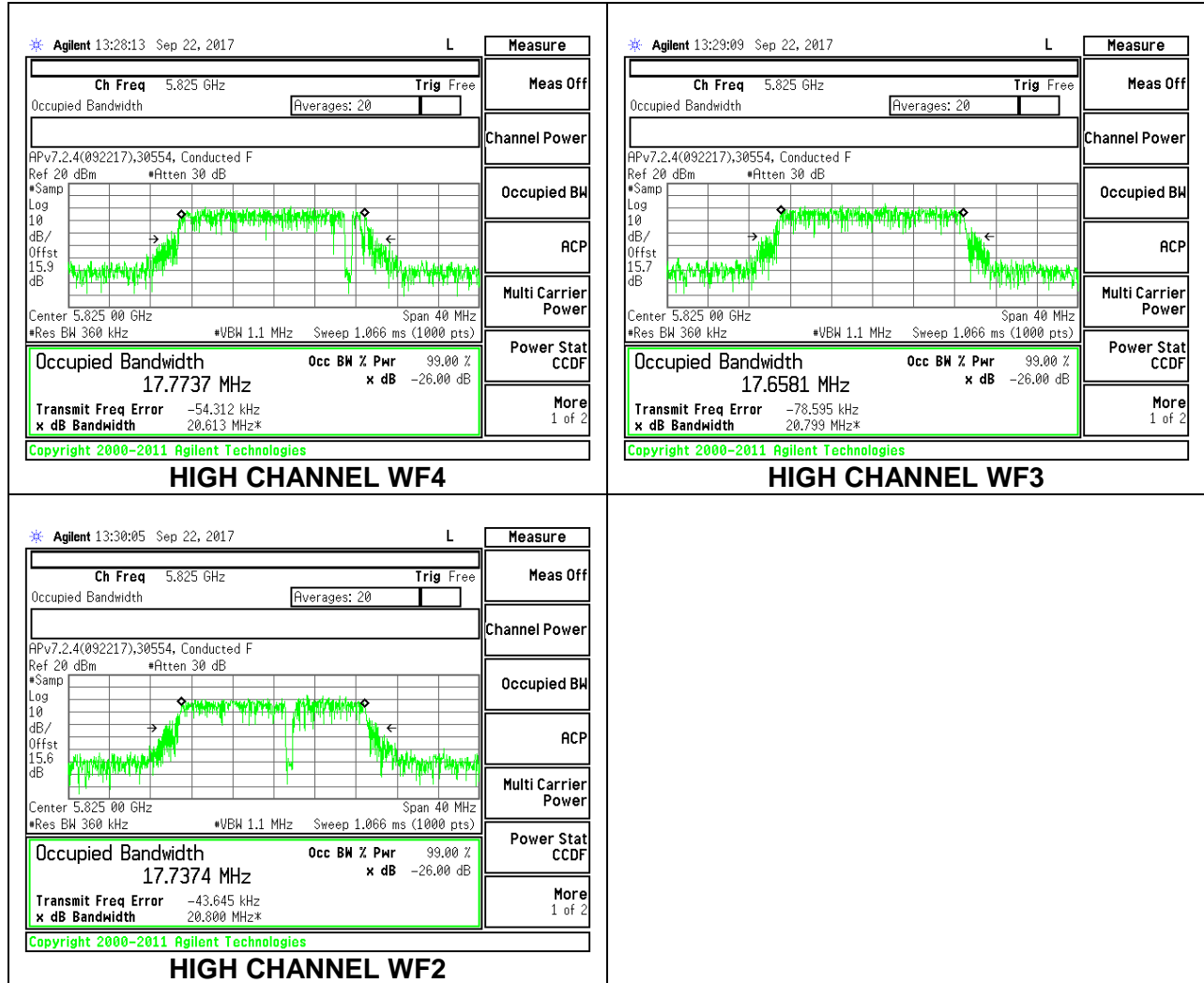
LOW CHANNEL



MID CHANNEL



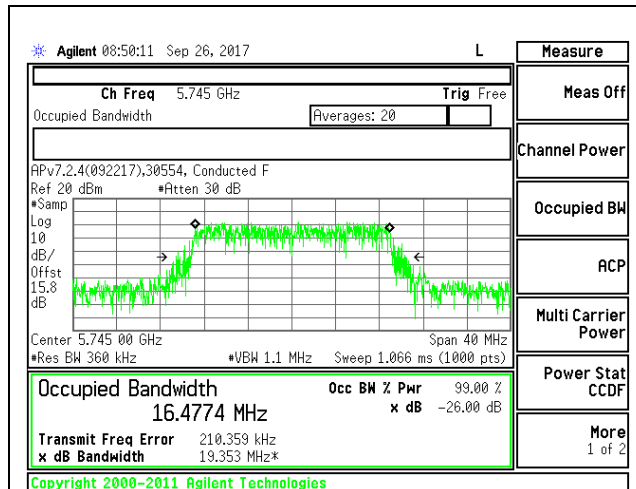
HIGH CHANNEL



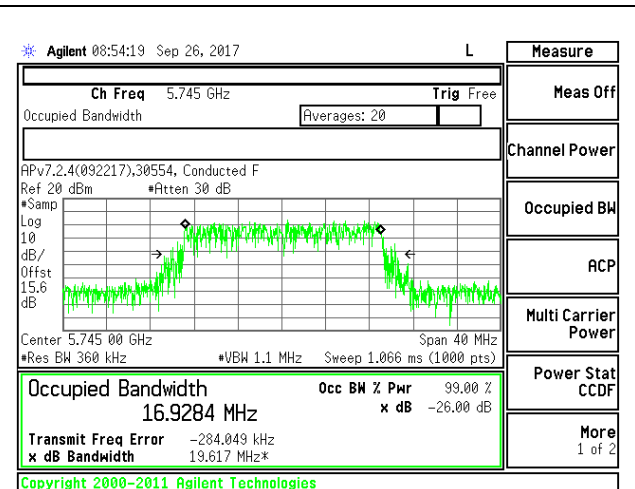
3TX Antenna WF4 + Antenna WF3 + Antenna WF2 BF Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5745	16.4770	16.9280	16.4740
Mid	5785	17.2100	16.2080	17.5340
High	5825	17.1870	17.2850	16.4150

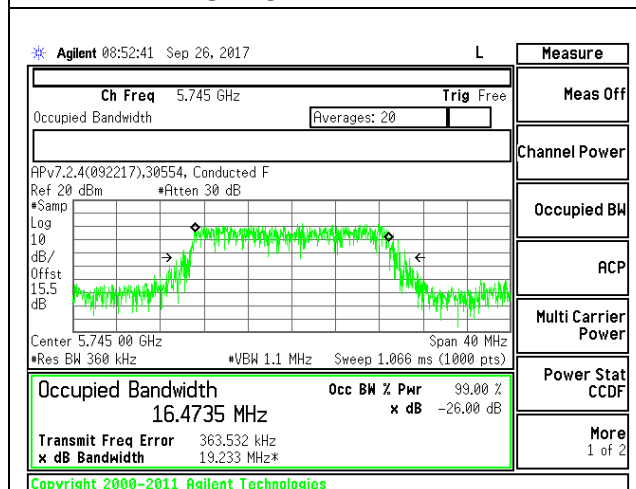
LOW CHANNEL



LOW CHANNEL WF4

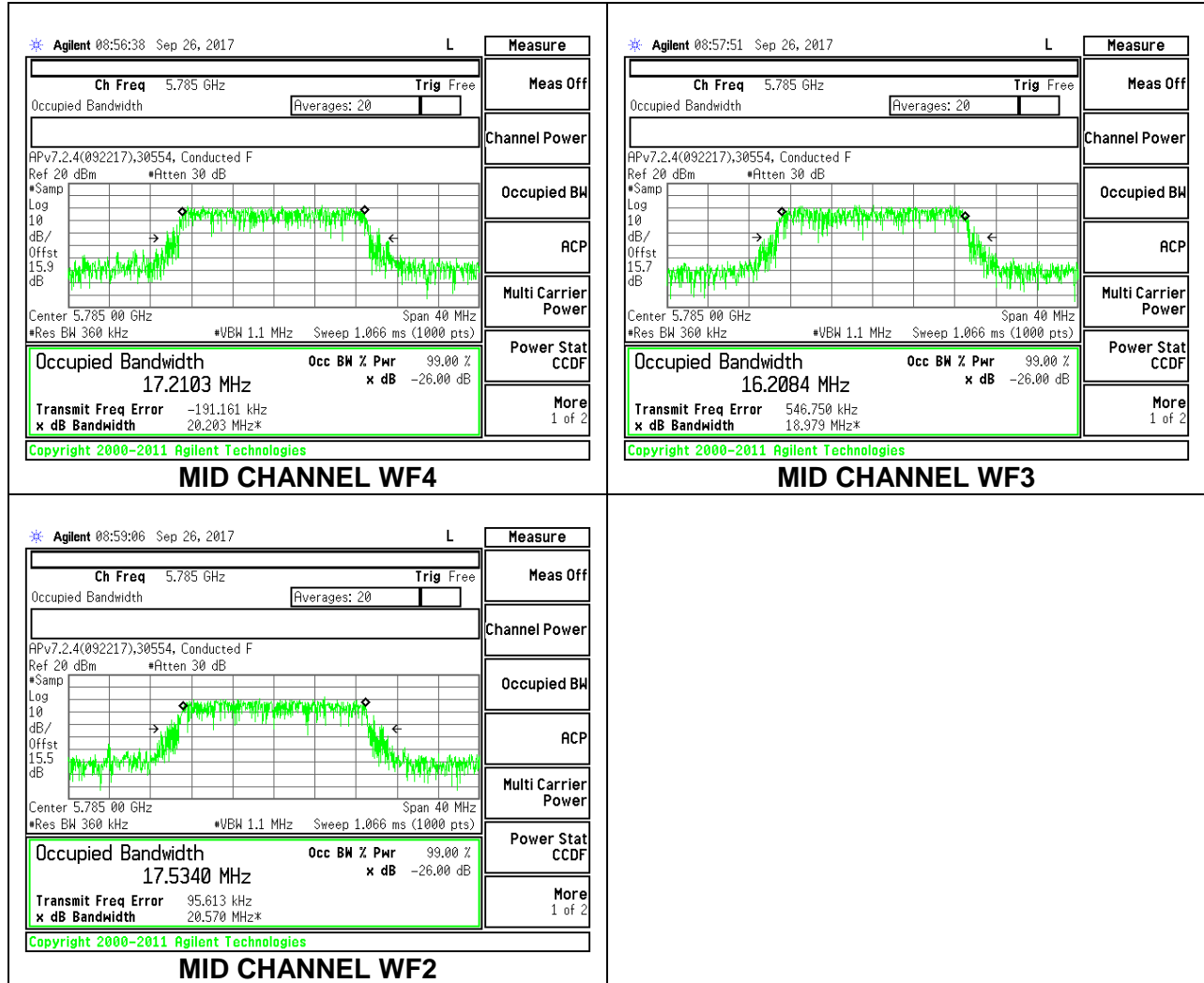


LOW CHANNEL WF3

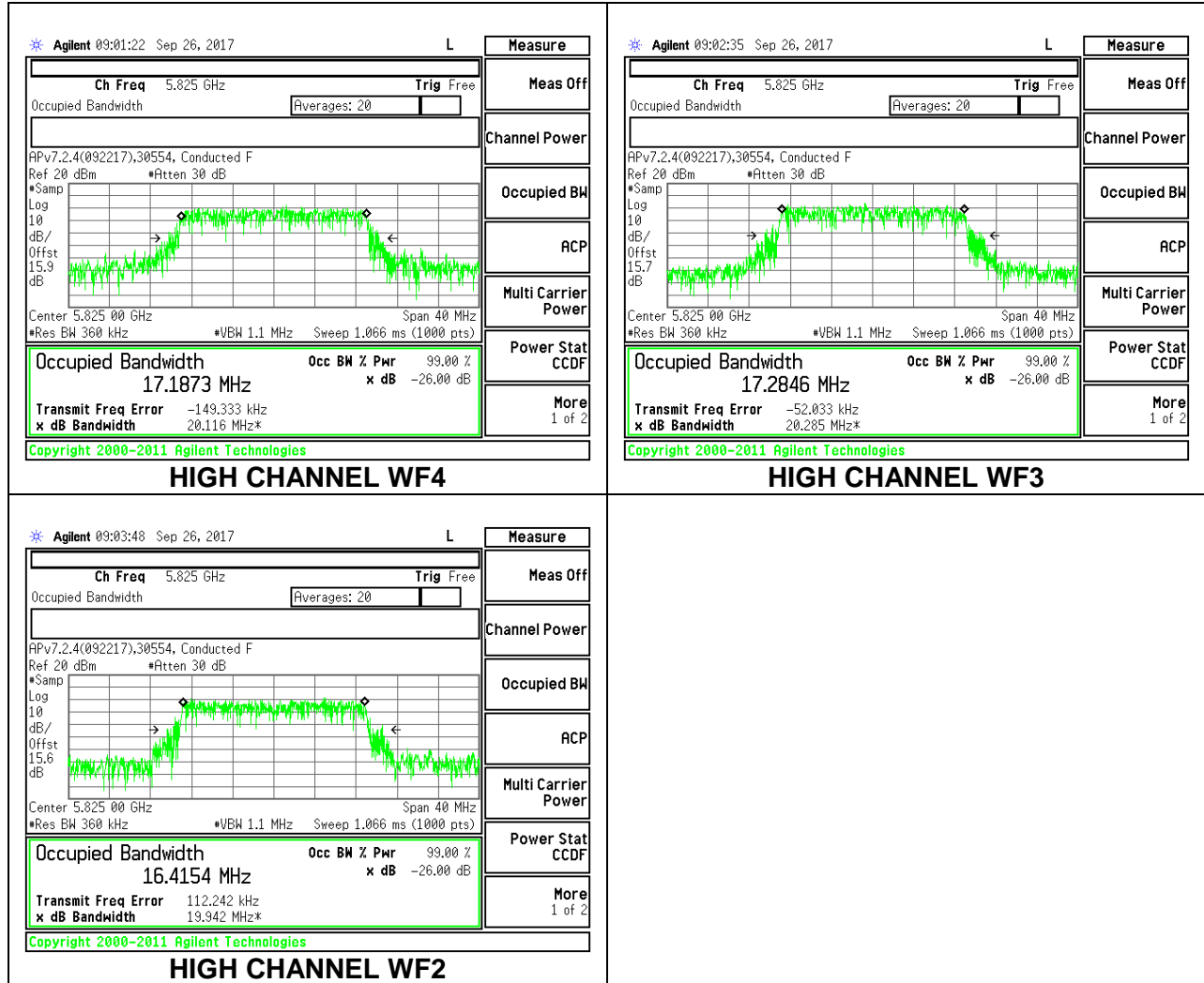


LOW CHANNEL WF2

MID CHANNEL



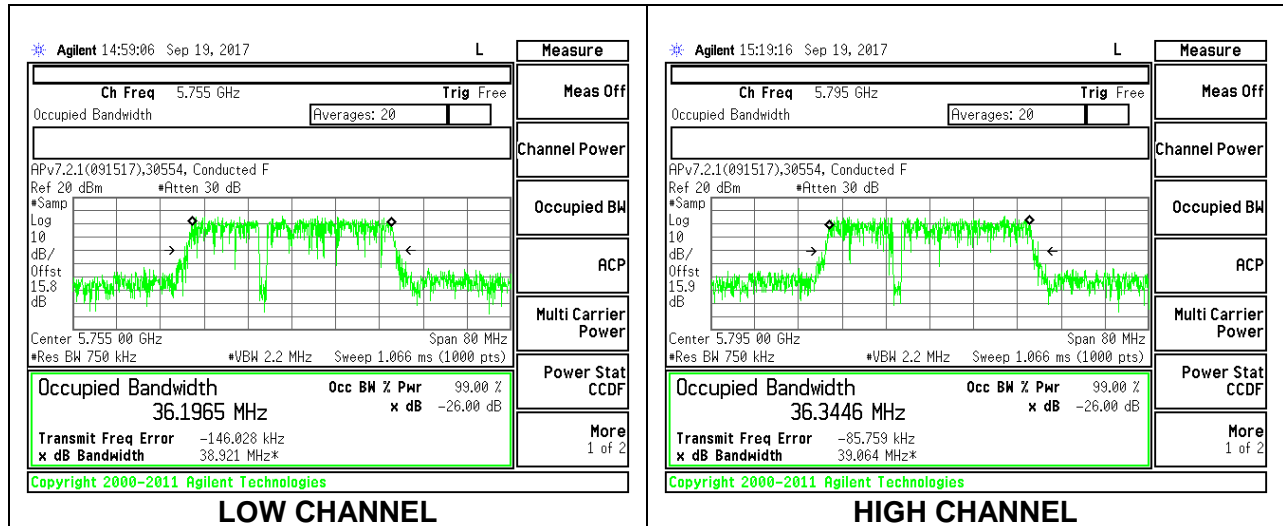
HIGH CHANNEL



4.3.11. 802.11n HT40 MODE IN THE 5.8 GHz BAND

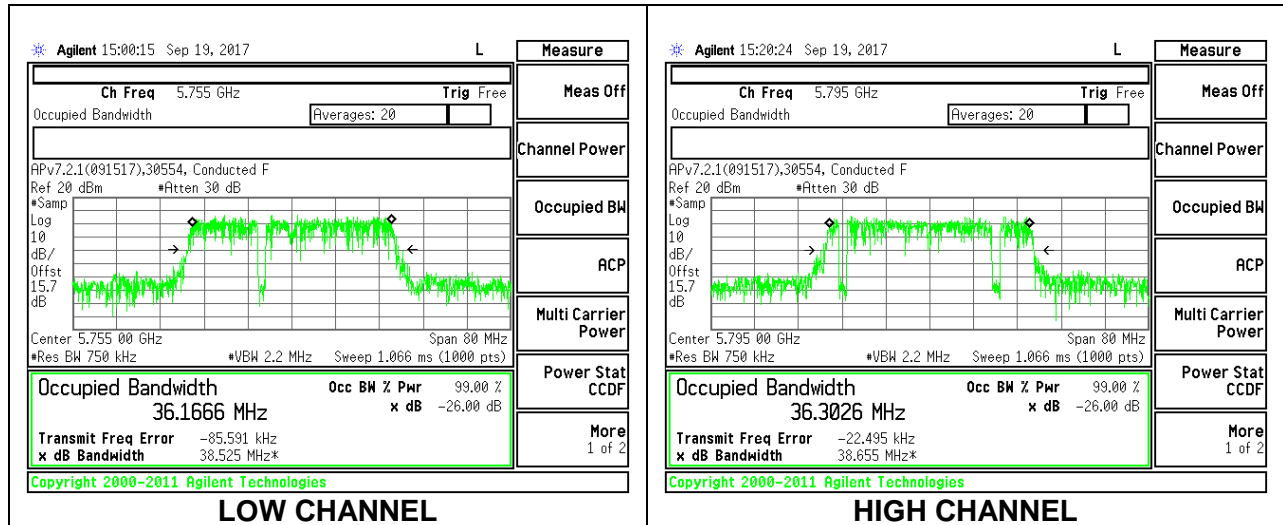
1TX Antenna WF4

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Low	5755	36.1970
High	5795	36.3450



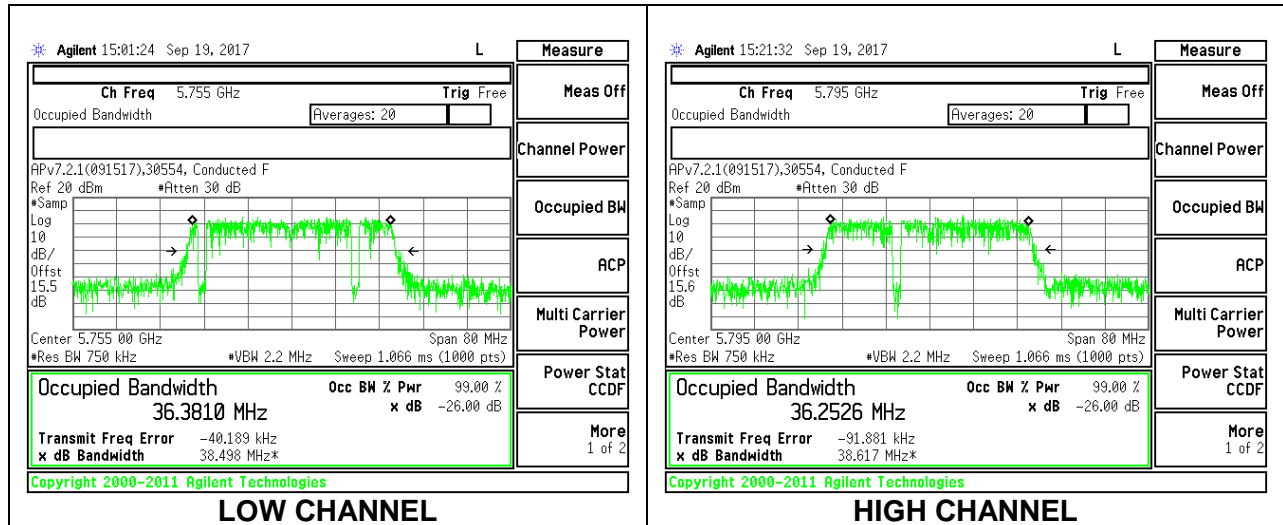
1TX Antenna WF3

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5755	36.1670
High	5795	36.3030



1TX Antenna WF2

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5755	36.3810
High	5795	36.2530



2TX Antenna WF4 + Antenna WF3 CDD Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)
Low	5755	36.2820	36.2950
High	5795	36.2200	36.0640

LOW CHANNEL

Agilent 15:02:33 Sep 19, 2017

Ch Freq 5.755 GHz

Occupied Bandwidth

Center 5.755 00 GHz Span 80 MHz

Res BW 750 kHz VBW 2.2 MHz Sweep 1.066 ms (1000 pts)

Occupied Bandwidth 36.2819 MHz

Transmit Freq Error -87.290 kHz

x dB Bandwidth 38.927 MHz*

Agilent 15:03:43 Sep 19, 2017

Ch Freq 5.755 GHz

Occupied Bandwidth

Center 5.755 00 GHz Span 80 MHz

Res BW 750 kHz VBW 2.2 MHz Sweep 1.066 ms (1000 pts)

Occupied Bandwidth 36.2951 MHz

Transmit Freq Error -48.305 kHz

x dB Bandwidth 38.554 MHz*

HIGH CHANNEL

Agilent 15:22:40 Sep 19, 2017

Ch Freq 5.795 GHz

Occupied Bandwidth

Center 5.795 00 GHz Span 80 MHz

Res BW 750 kHz VBW 2.2 MHz Sweep 1.066 ms (1000 pts)

Occupied Bandwidth 36.2204 MHz

Transmit Freq Error -70.108 kHz

x dB Bandwidth 38.861 MHz*

Agilent 15:23:59 Sep 19, 2017

Ch Freq 5.795 GHz

Occupied Bandwidth

Center 5.795 00 GHz Span 80 MHz

Res BW 750 kHz VBW 2.2 MHz Sweep 1.066 ms (1000 pts)

Occupied Bandwidth 36.0637 MHz

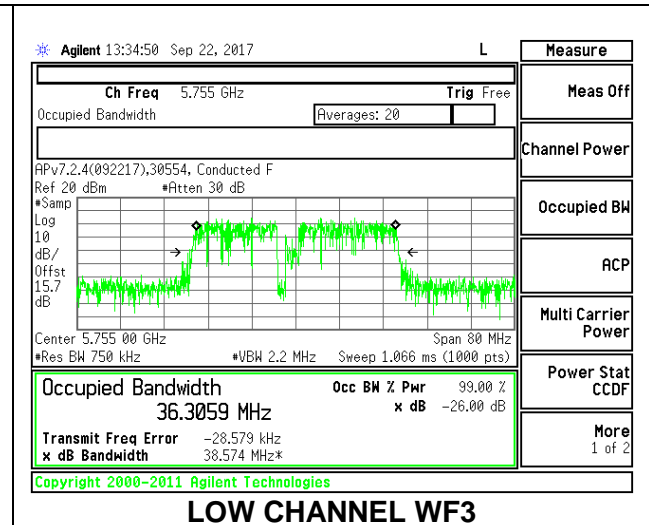
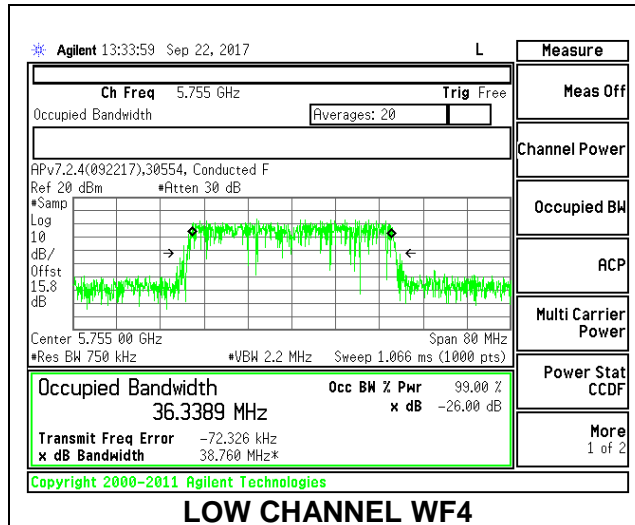
Transmit Freq Error -180.357 kHz

x dB Bandwidth 38.584 MHz*

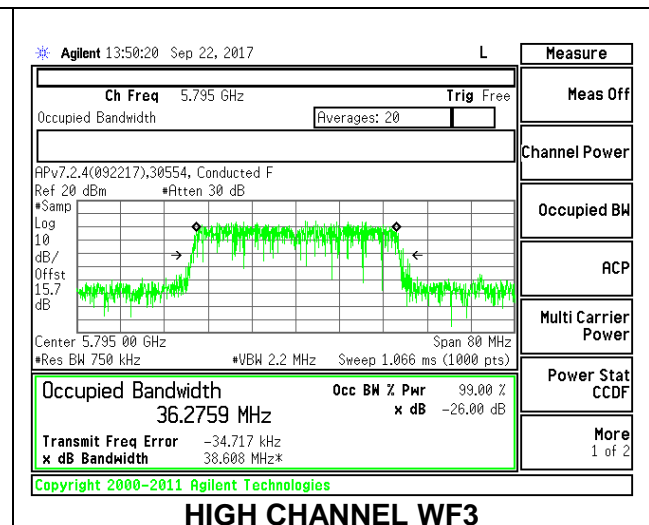
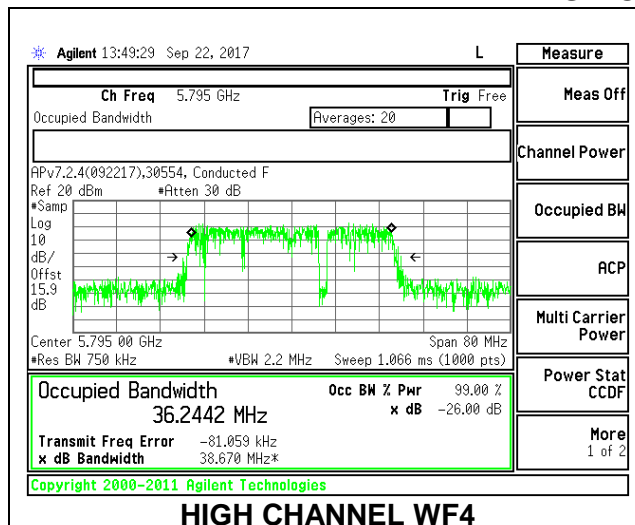
2TX Antenna WF4 + Antenna WF3 SDM Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)
Low	5755	36.3390	36.3060
High	5795	36.2440	36.2760

LOW CHANNEL



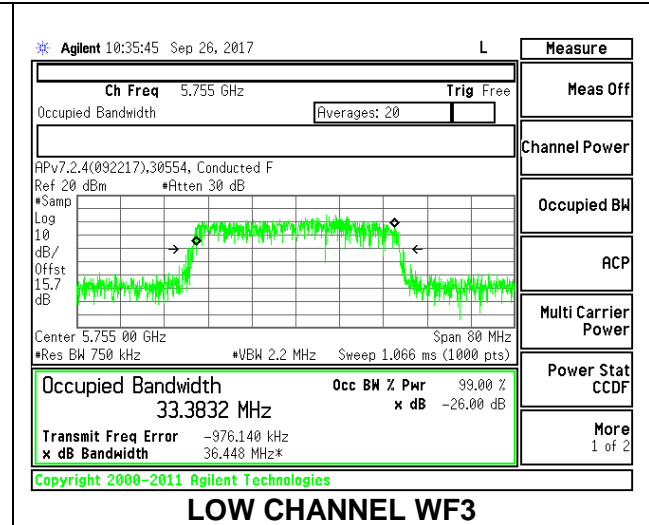
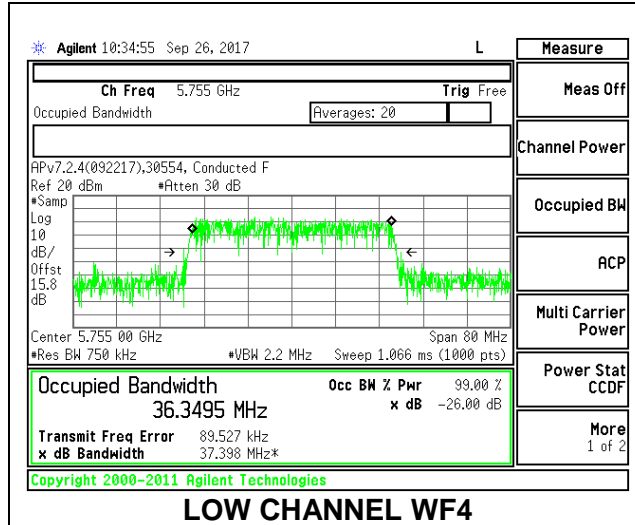
HIGH CHANNEL



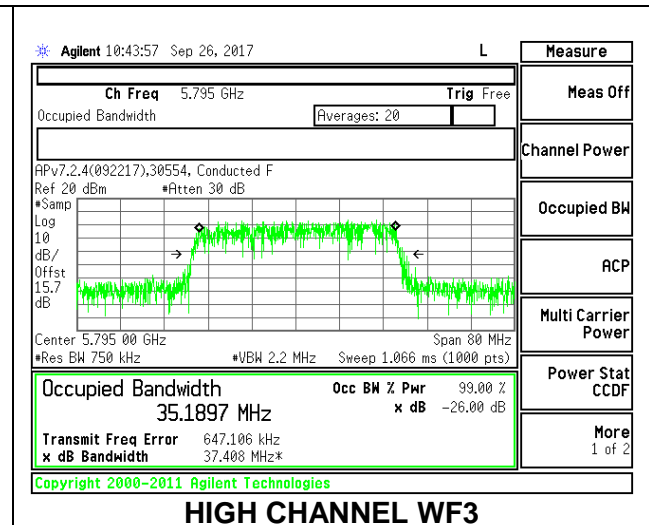
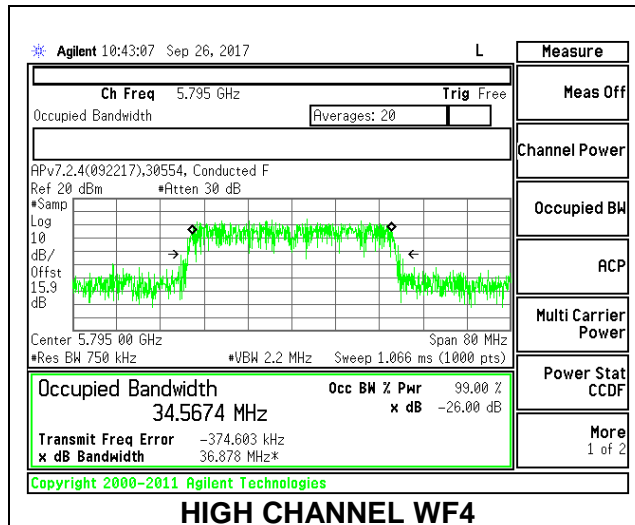
2TX Antenna WF4 + Antenna WF3 BF Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)
Low	5755	36.3490	33.3830
High	5795	34.5670	35.1900

LOW CHANNEL



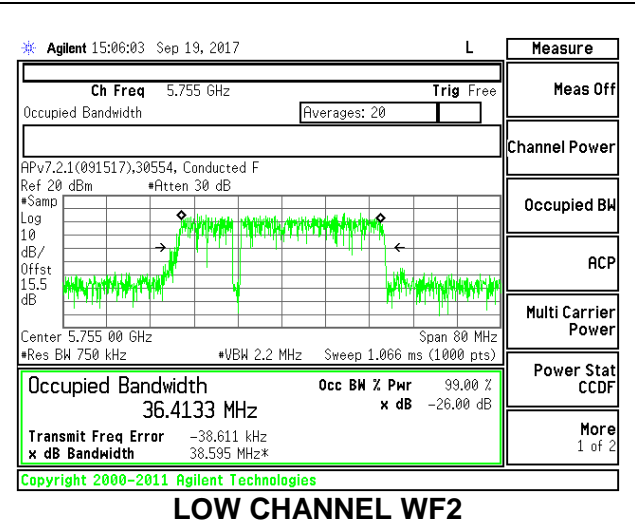
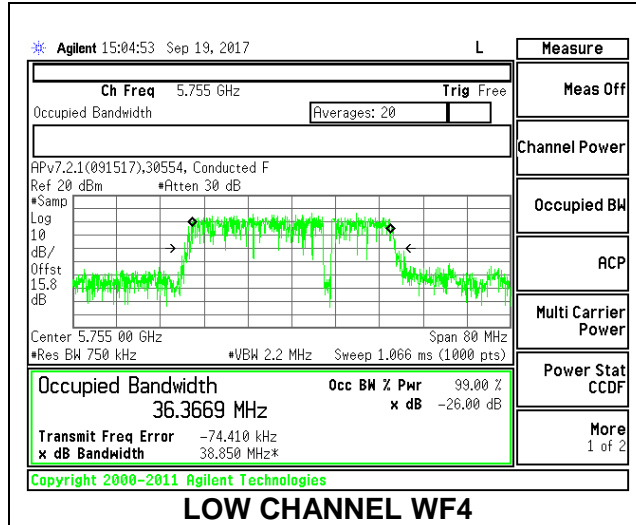
HIGH CHANNEL



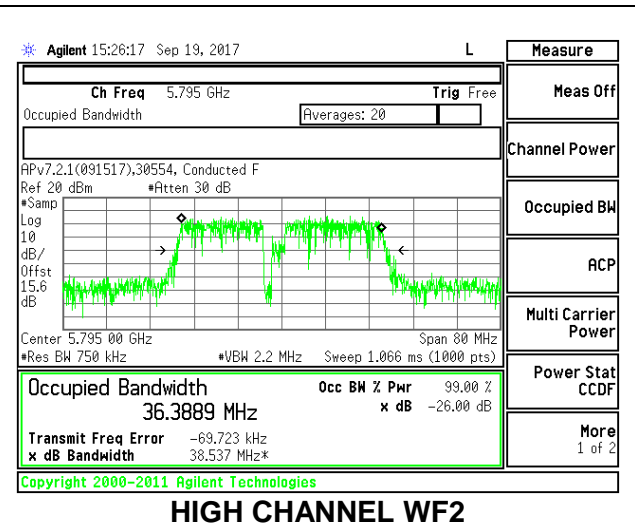
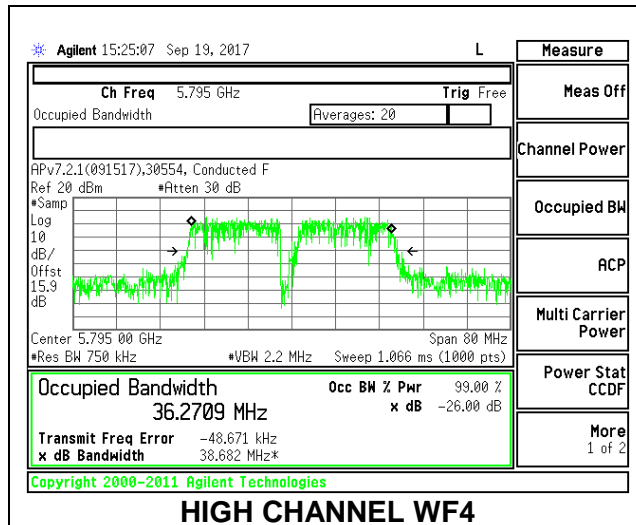
2TX Antenna WF4 + Antenna WF2 CDD Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Low	5755	36.3670	36.4130
High	5795	36.2710	36.3890

LOW CHANNEL



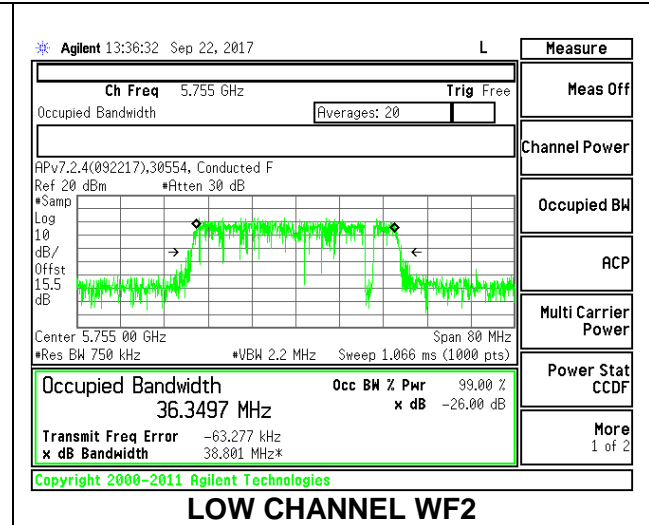
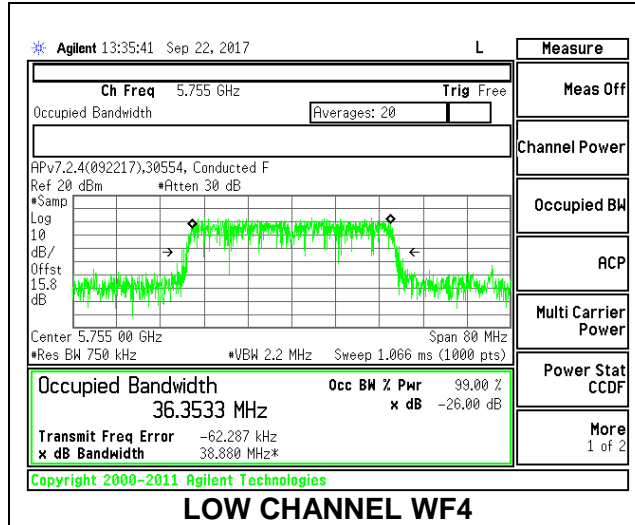
HIGH CHANNEL



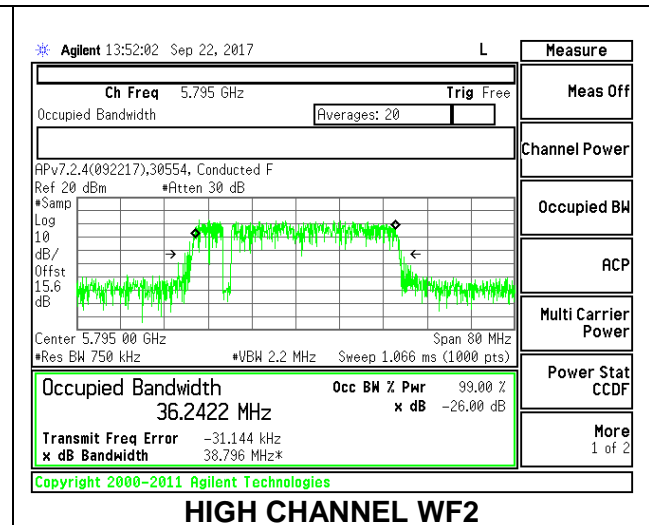
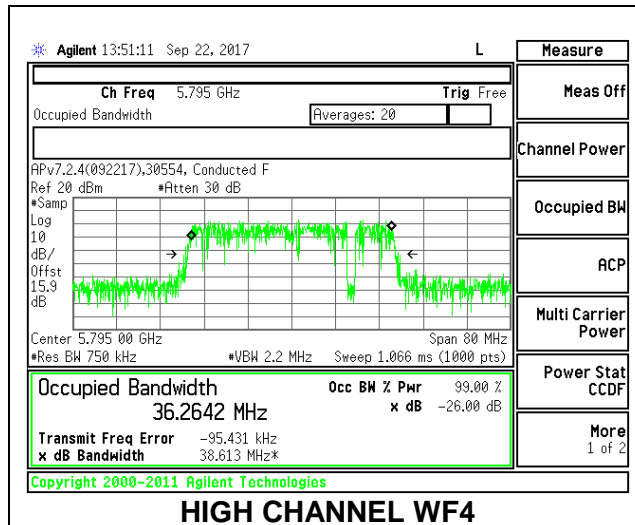
2TX Antenna WF4 + Antenna WF2 SDM Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Low	5755	36.3530	36.3500
High	5795	36.2640	36.2420

LOW CHANNEL



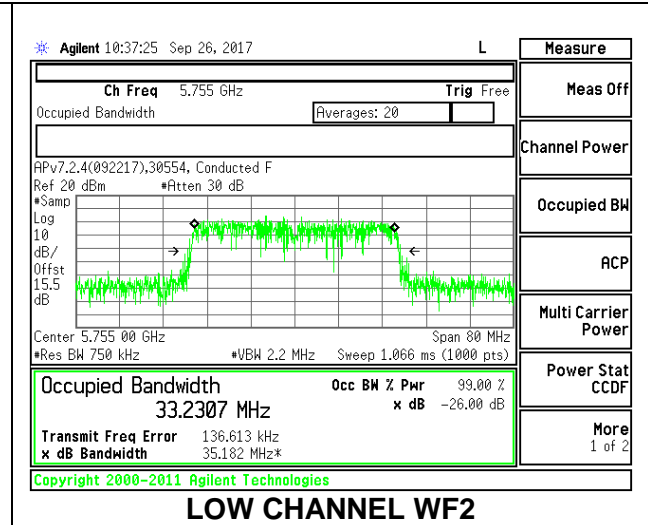
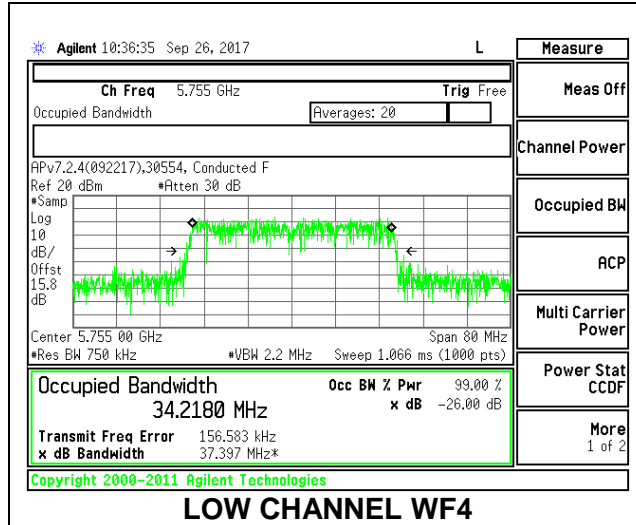
HIGH CHANNEL



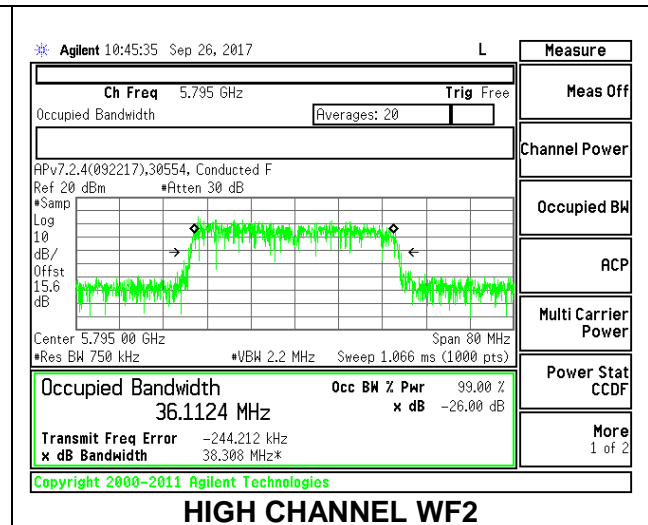
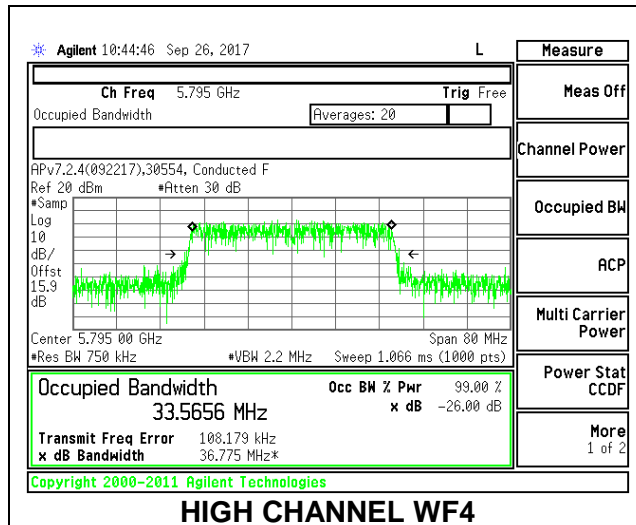
2TX Antenna WF4 + Antenna WF2 BF Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Low	5755	34.2180	33.2310
High	5795	33.5660	36.1120

LOW CHANNEL



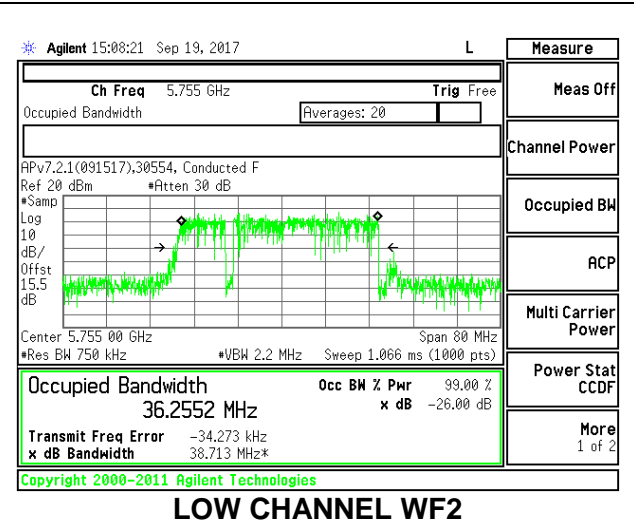
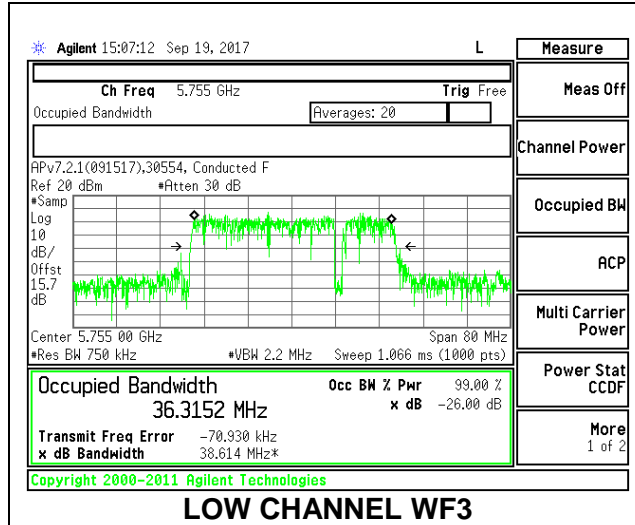
HIGH CHANNEL



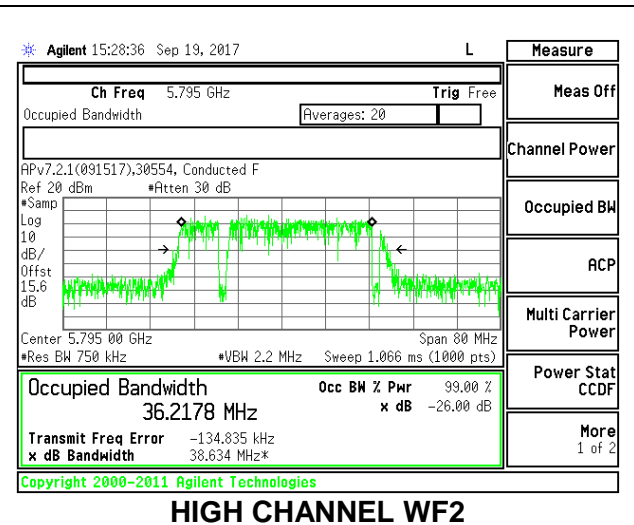
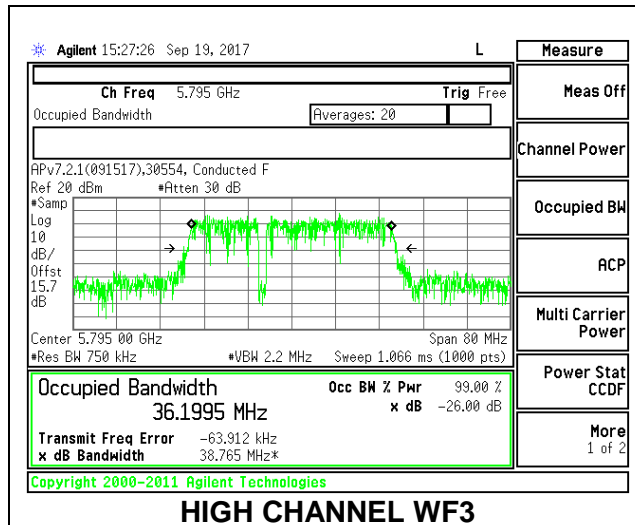
2TX Antenna WF3 + Antenna WF2 CDD Mode

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5755	36.3150	36.2550
High	5795	36.1990	36.2180

LOW CHANNEL



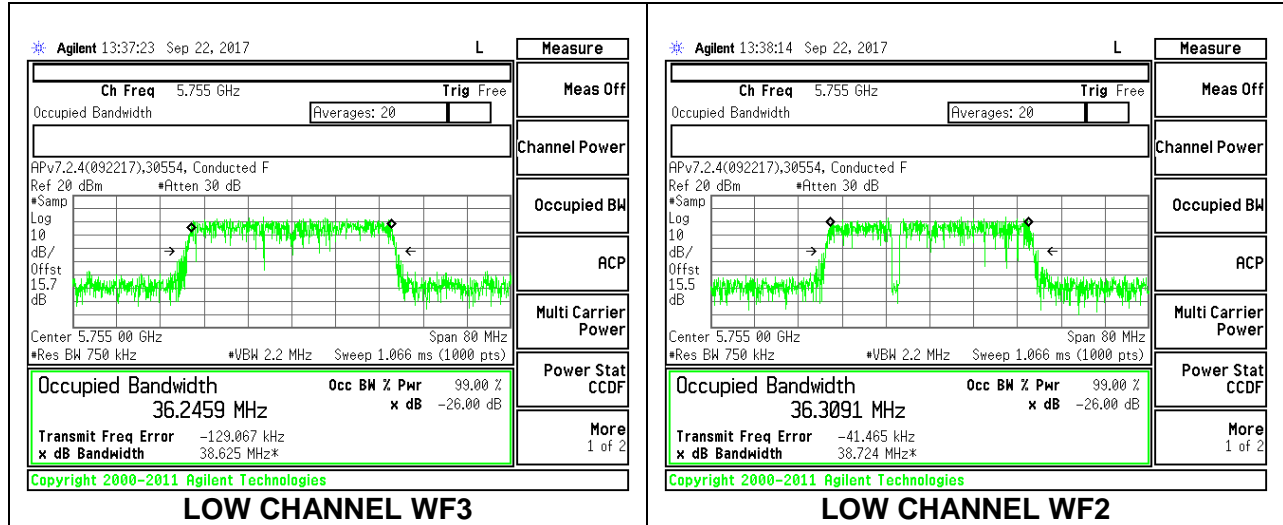
HIGH CHANNEL



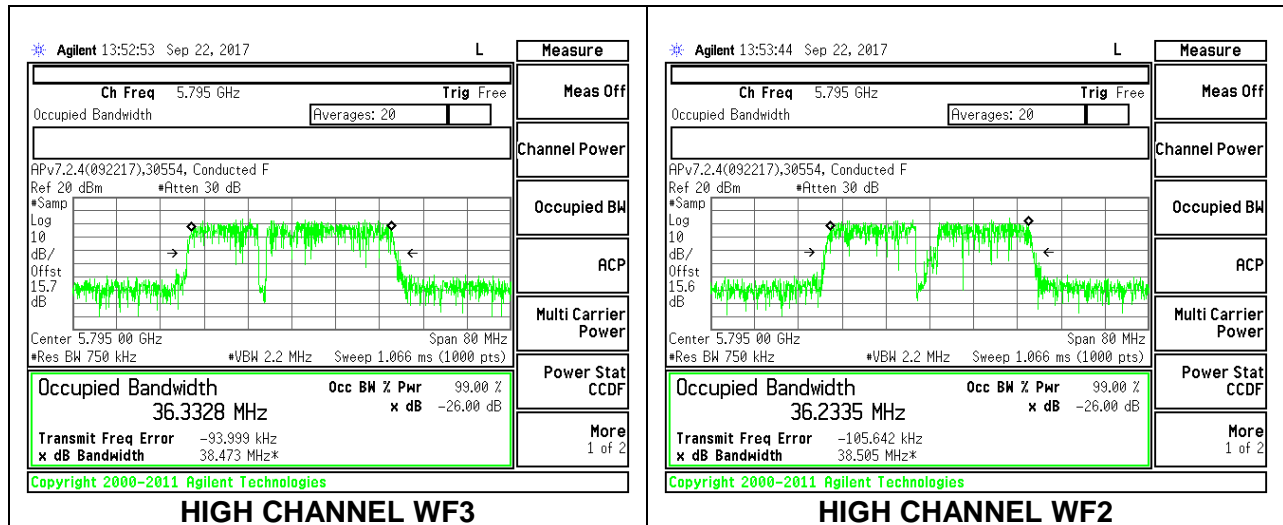
2TX Antenna WF3 + Antenna WF2 SDM Mode

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5755	36.2460	36.3090
High	5795	36.3330	36.2335

LOW CHANNEL



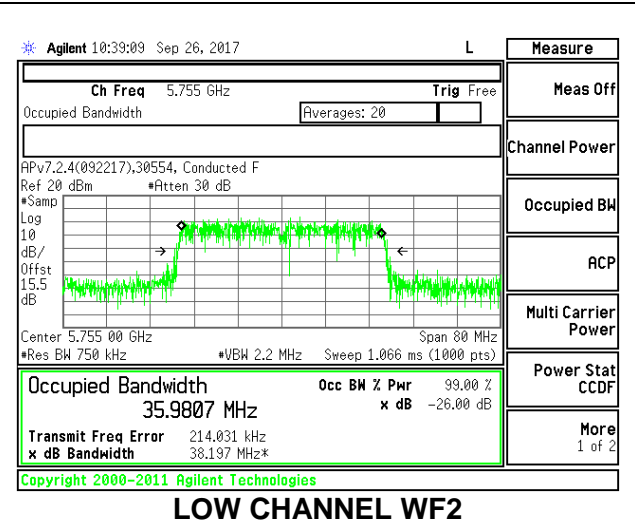
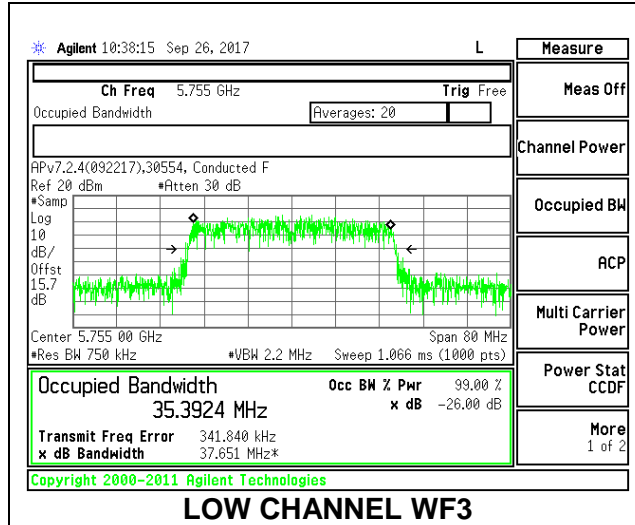
HIGH CHANNEL



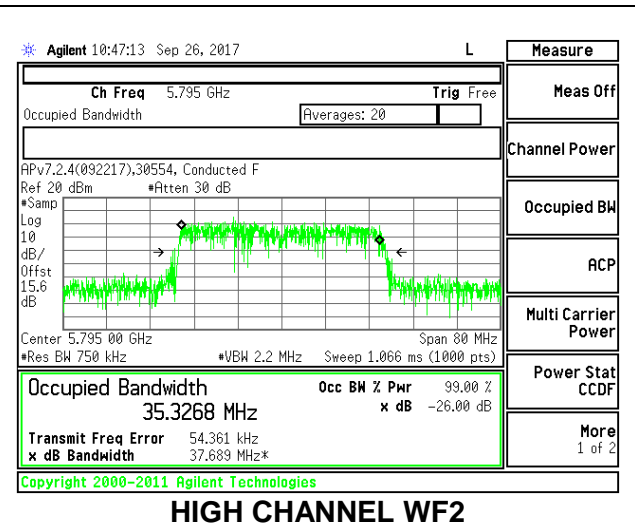
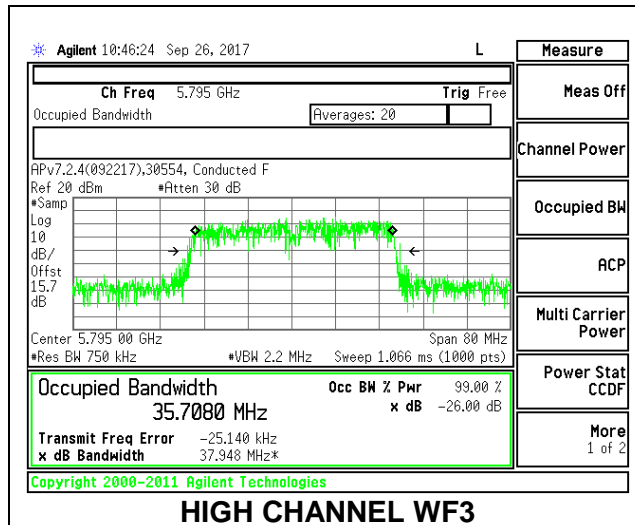
2TX Antenna WF3 + Antenna WF2 BF Mode

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5755	35.3920	35.9810
High	5795	35.7080	35.3270

LOW CHANNEL



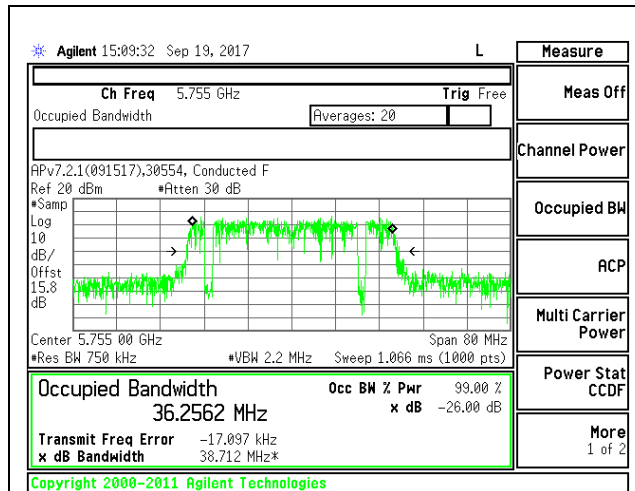
HIGH CHANNEL



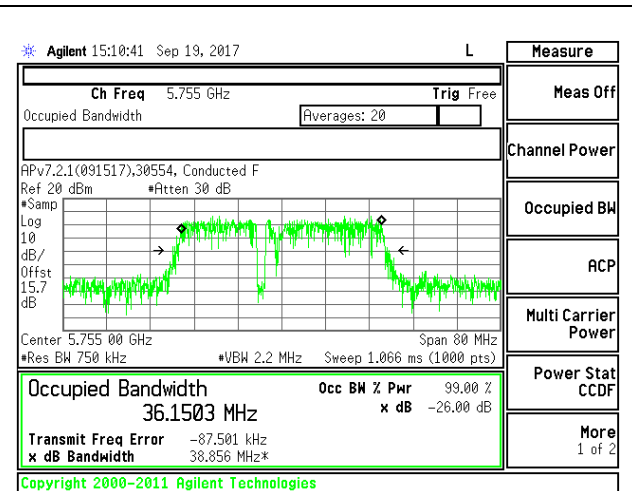
3TX Antenna WF4 + Antenna WF3 + Antenna WF2 CDD Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5755	36.2560	36.1500	36.2910
High	5795	36.2260	36.3560	36.3540

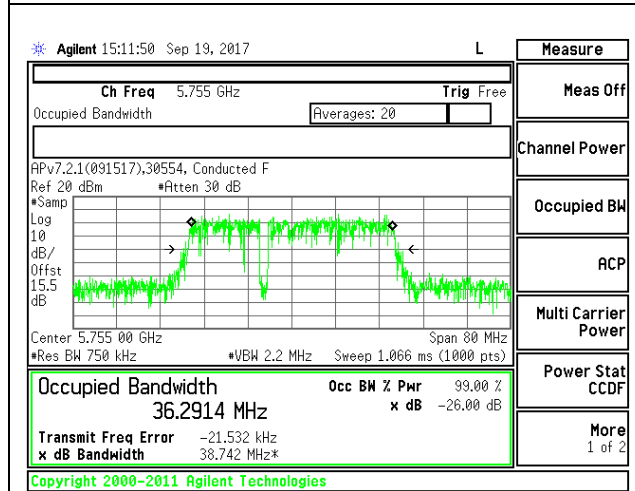
LOW CHANNEL



LOW CHANNEL WF4

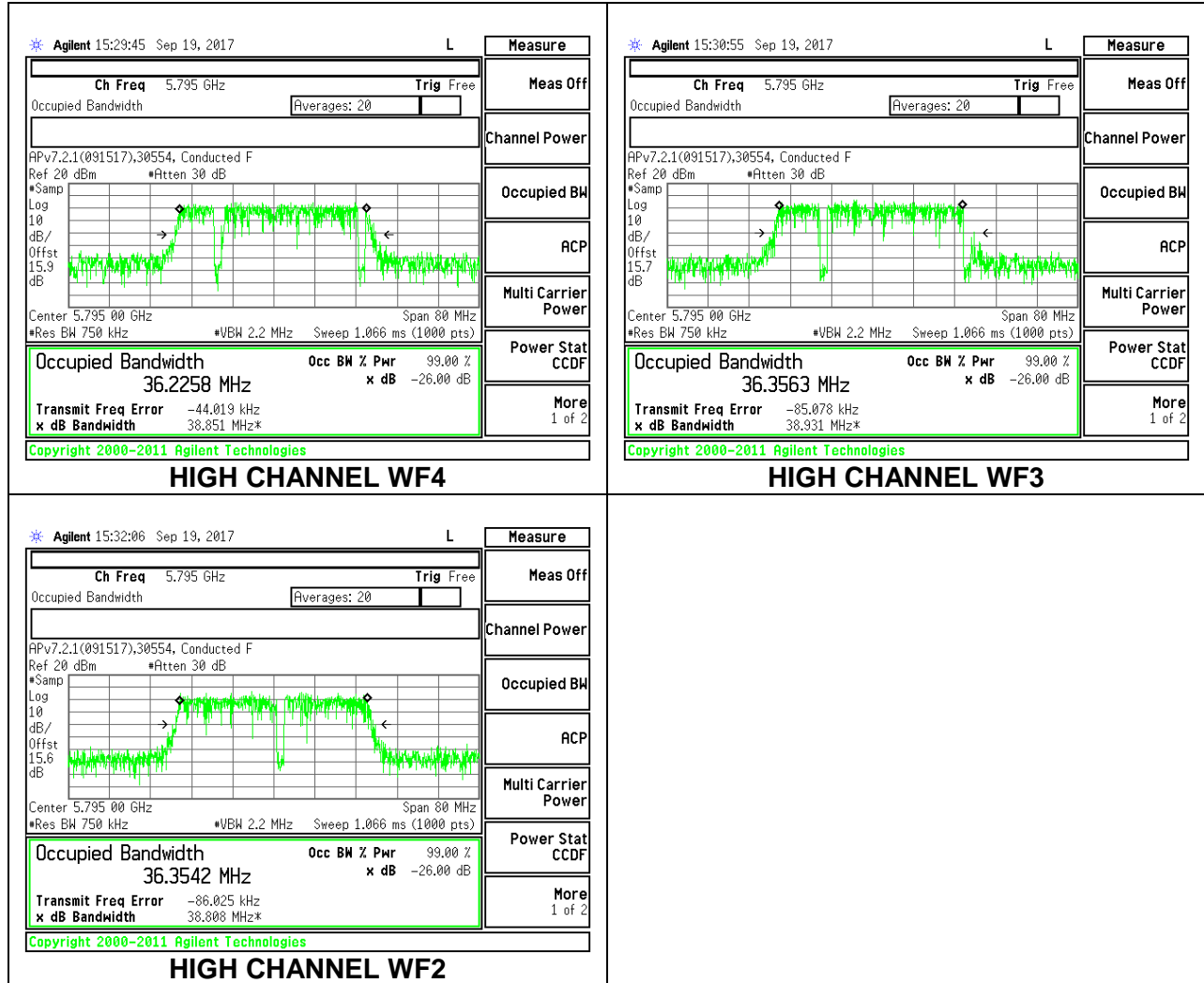


LOW CHANNEL WF3



LOW CHANNEL WF2

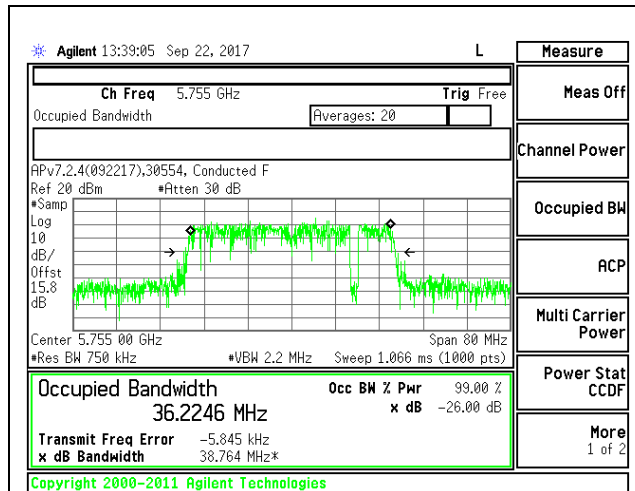
HIGH CHANNEL



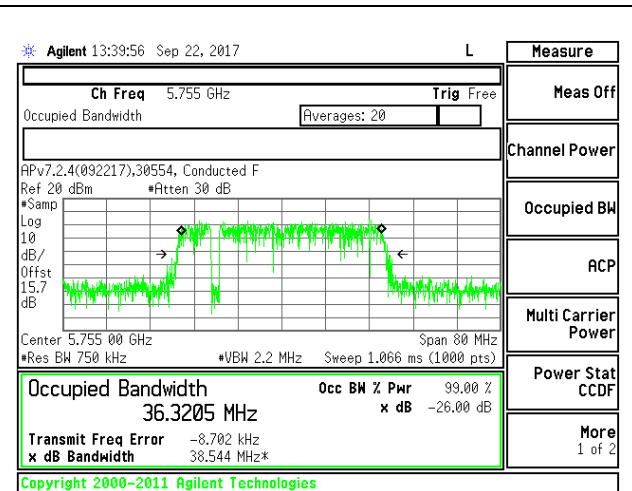
3TX Antenna WF4 + Antenna WF3 + Antenna WF2 SDM Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5755	36.2250	36.3210	36.3180
High	5795	36.3190	36.2790	36.3490

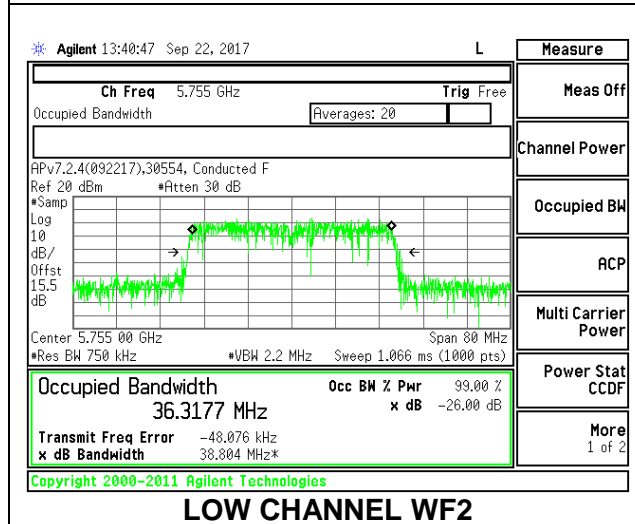
LOW CHANNEL



LOW CHANNEL WF4

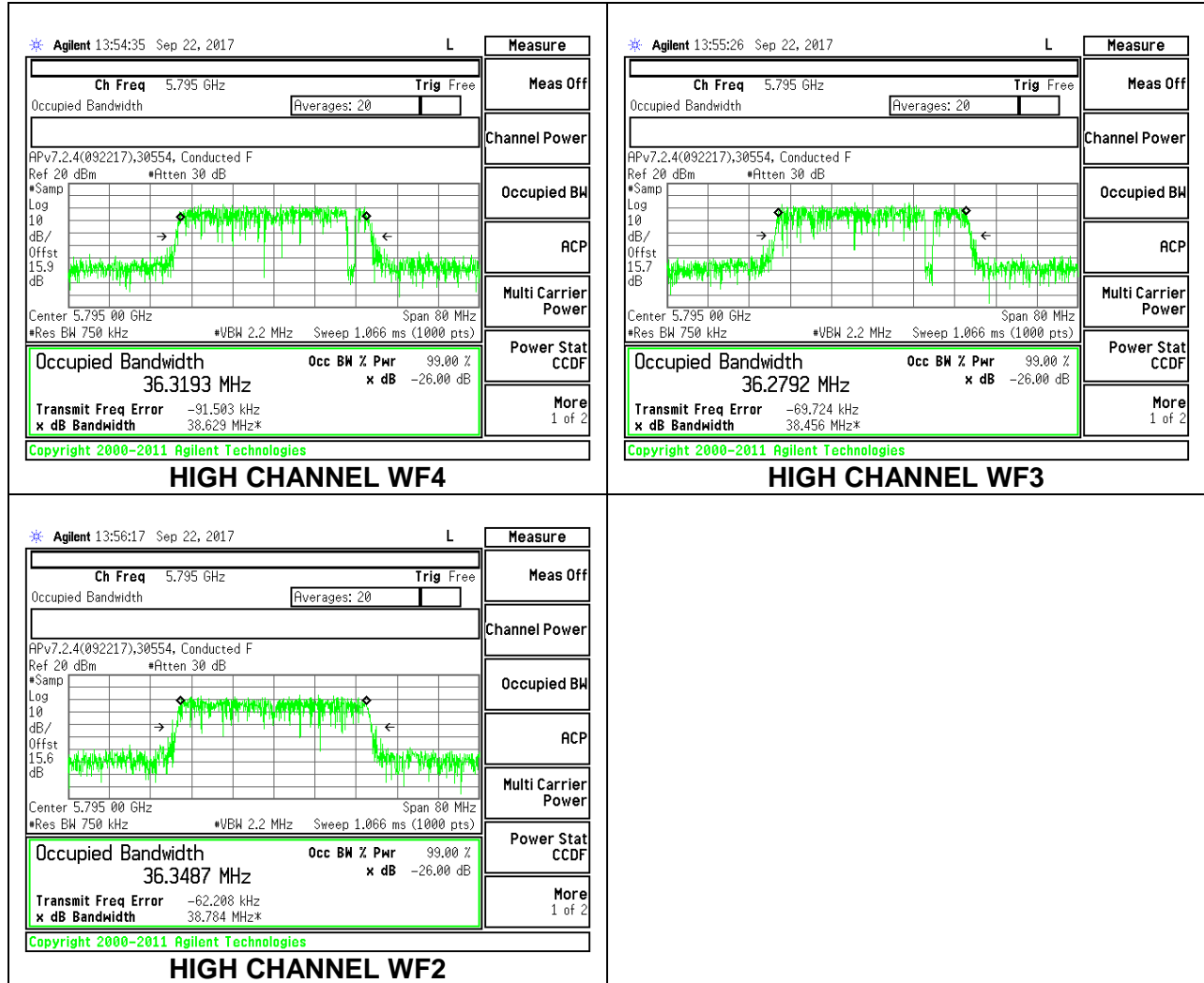


LOW CHANNEL WF3



LOW CHANNEL WF2

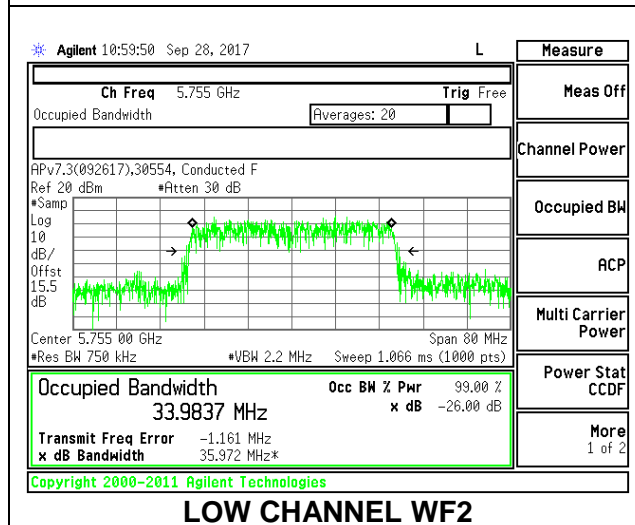
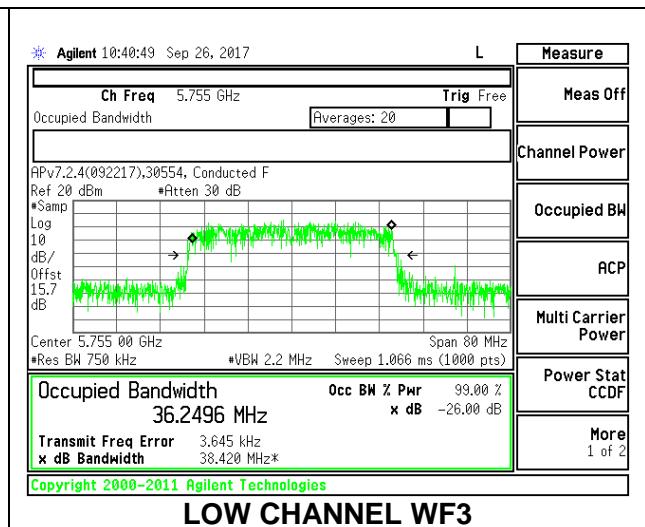
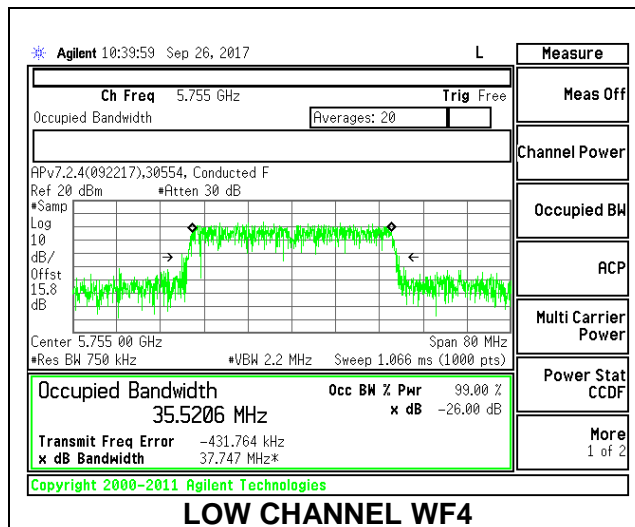
HIGH CHANNEL



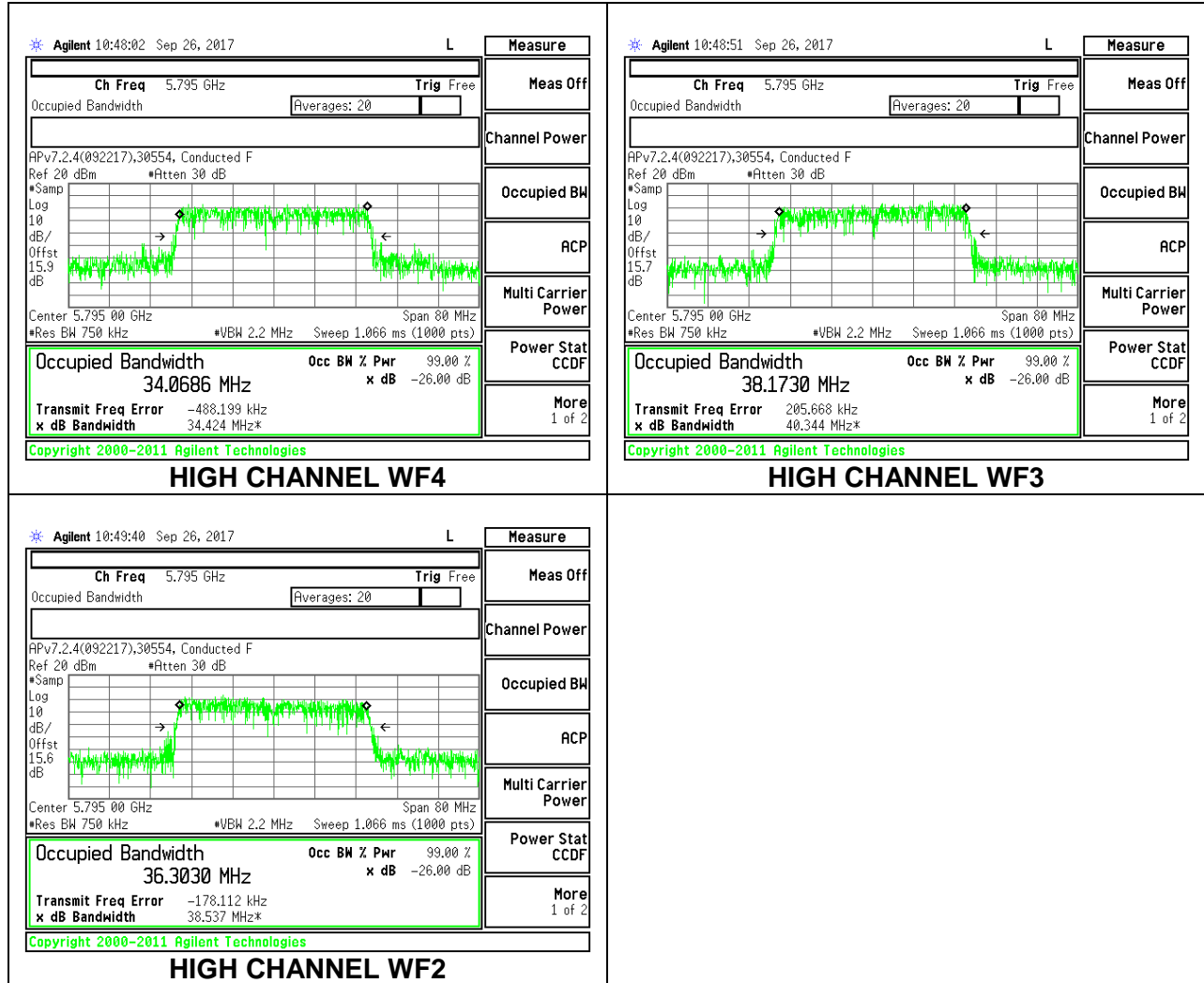
3TX Antenna WF4 + Antenna WF3 + Antenna WF2 BF Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Low	5755	35.5210	36.2500	33.9840
High	5795	34.0690	38.1730	36.3030

LOW CHANNEL



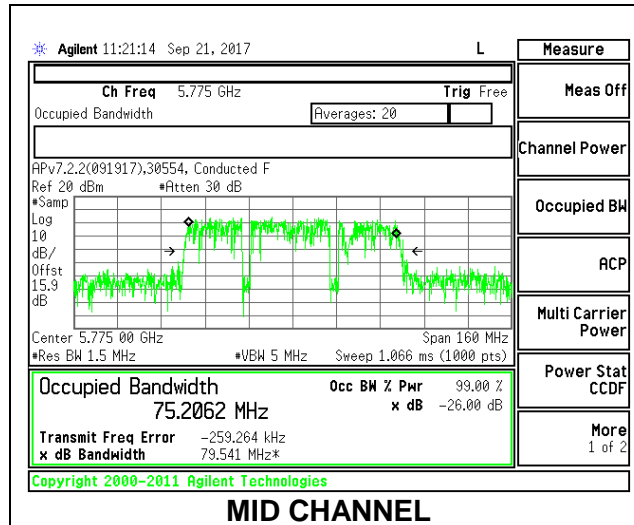
HIGH CHANNEL



4.3.12. 802.11ac VHT80 MODE IN THE 5.8 GHz BAND

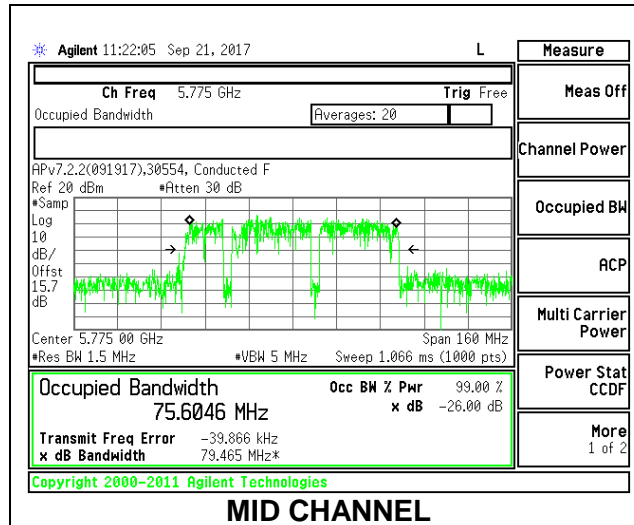
1TX Antenna WF4

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	75.2060



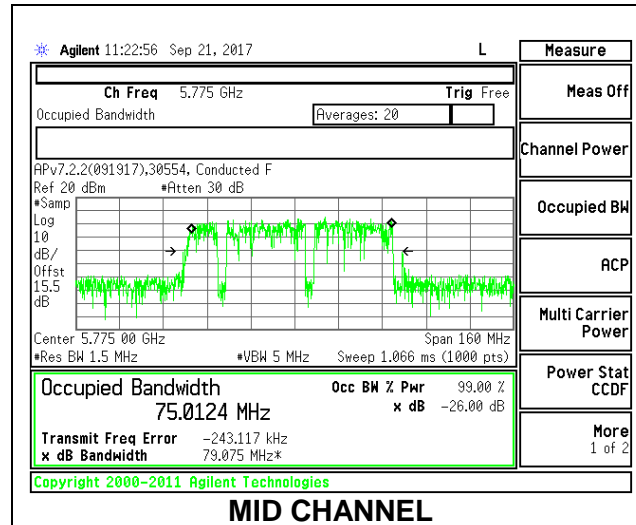
1TX Antenna WF3

Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	75.6050



1TX Antenna WF2

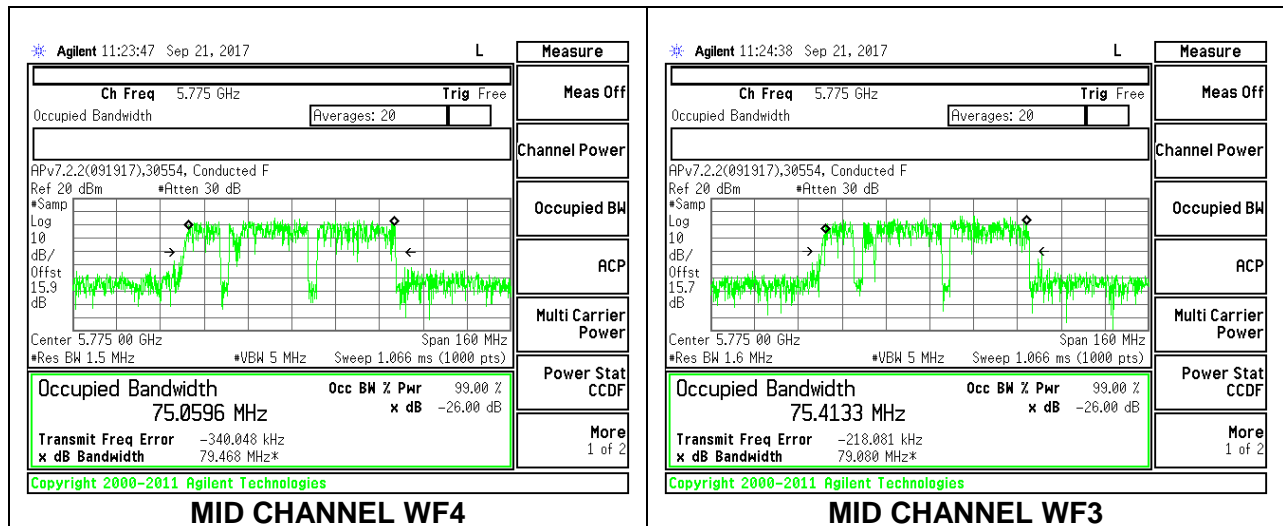
Channel	Frequency (MHz)	99% Bandwidth (MHz)
Mid	5775	75.0120



2TX Antenna WF4 + Antenna WF3 CDD Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)
Mid	5775	75.0596	75.4133

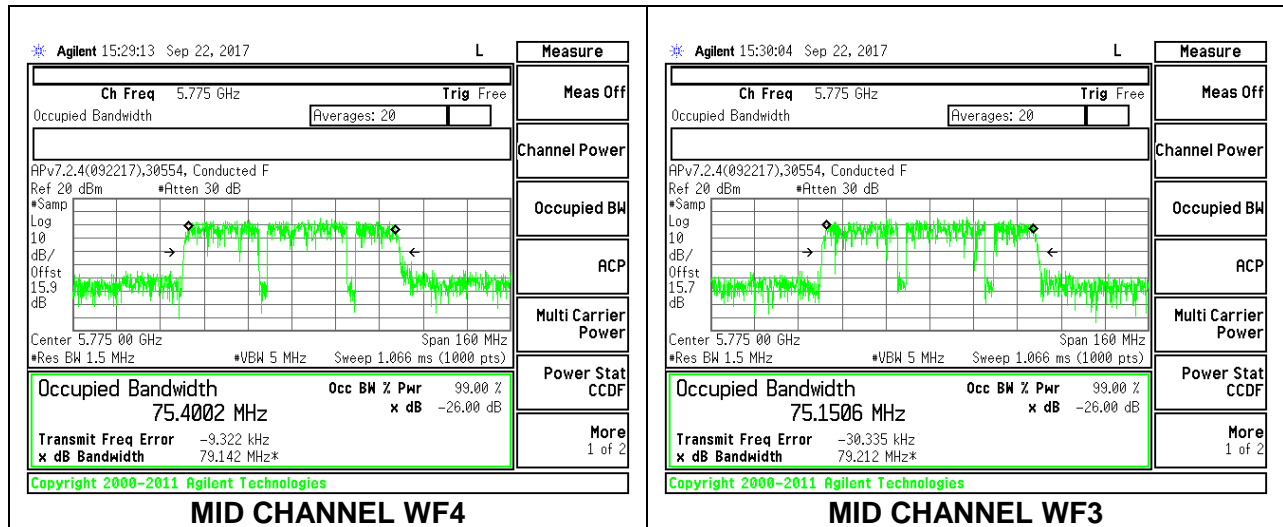
MID CHANNEL



2TX Antenna WF4 + Antenna WF3 SDM Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)
Mid	5775	75.4002	75.1506

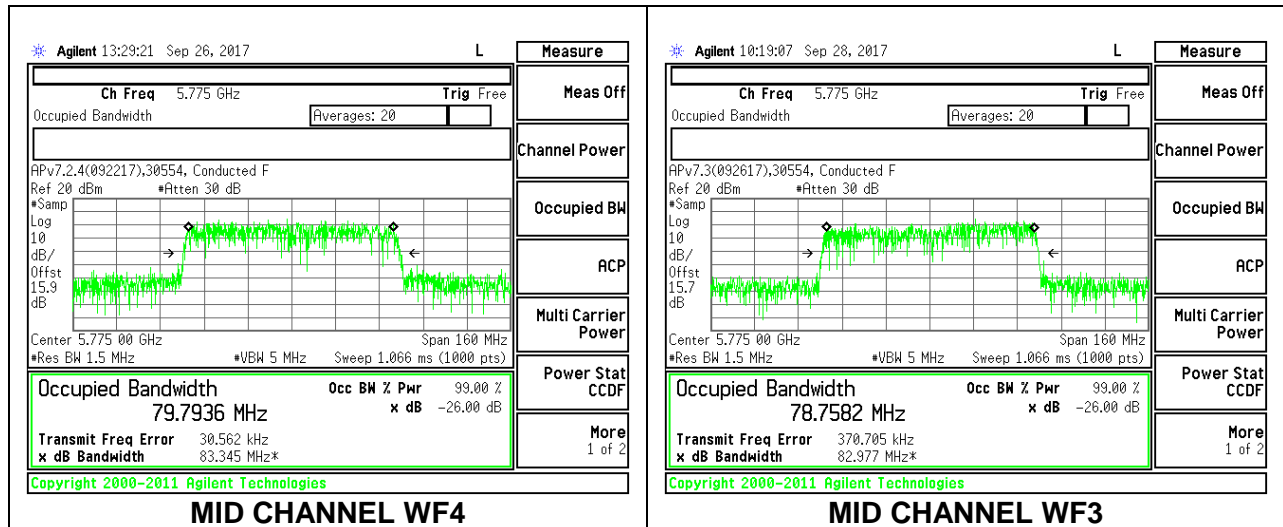
MID CHANNEL



2TX Antenna WF4 + Antenna WF3 BF Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)
Mid	5775	79.7936	75.7582

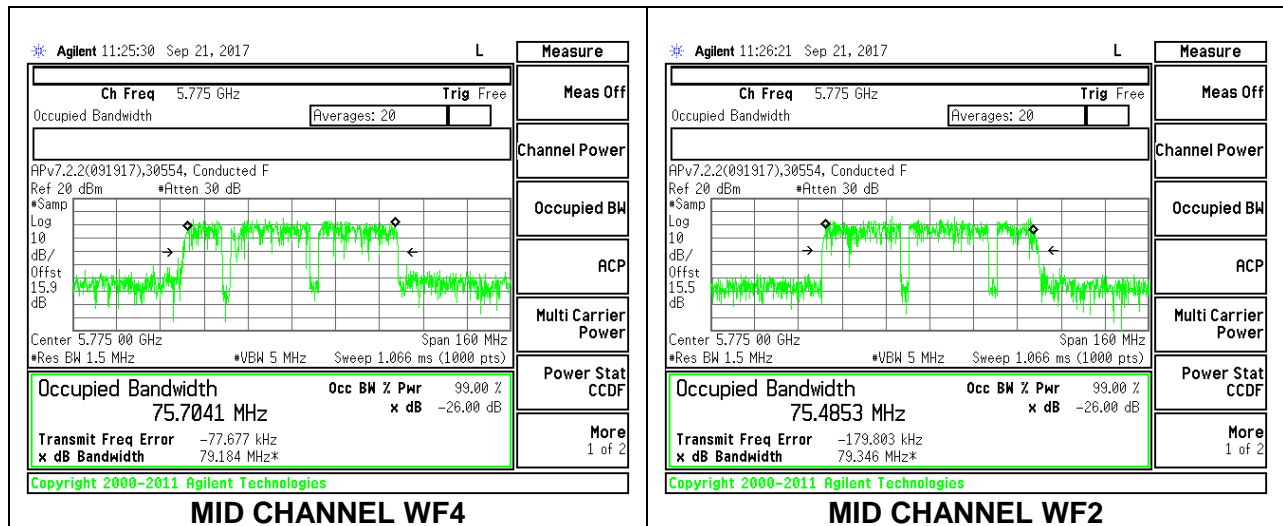
MID CHANNEL



2TX Antenna WF4 + Antenna WF2 CDD Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Mid	5775	75.7041	75.4853

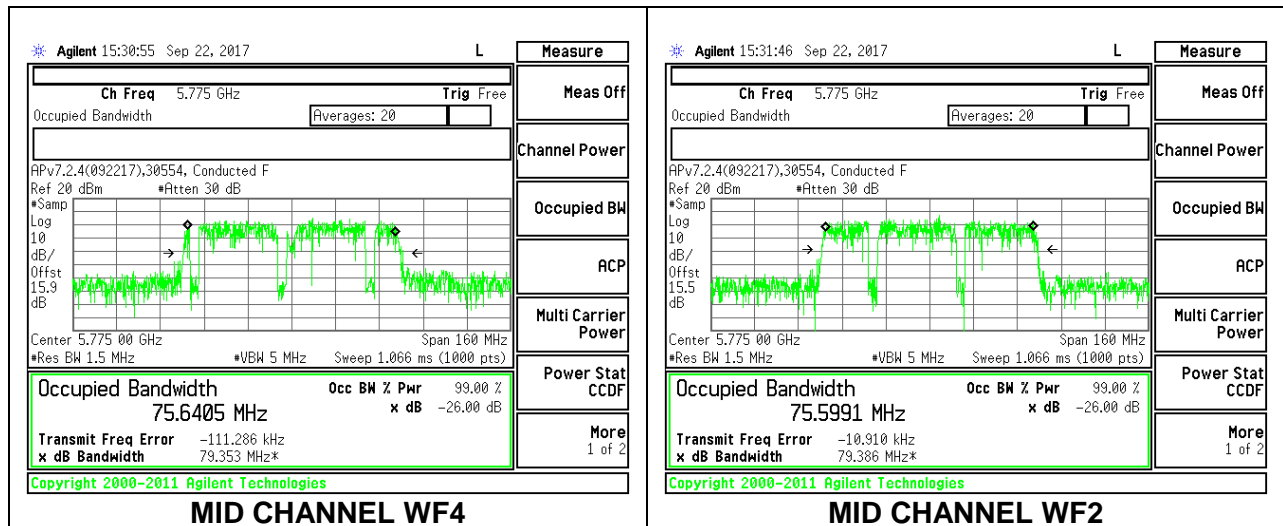
MID CHANNEL



2TX Antenna WF4 + Antenna WF2 SDM Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Mid	5775	75.6405	75.5991

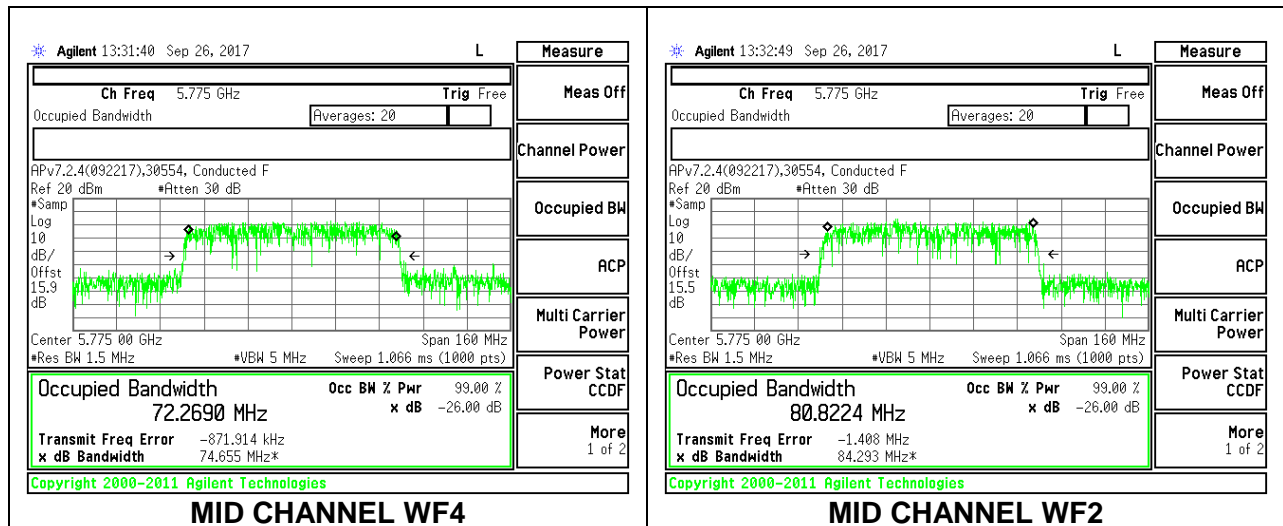
MID CHANNEL



2TX Antenna WF4 + Antenna WF2 BF Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF2 (MHz)
Mid	5775	72.2690	80.8224

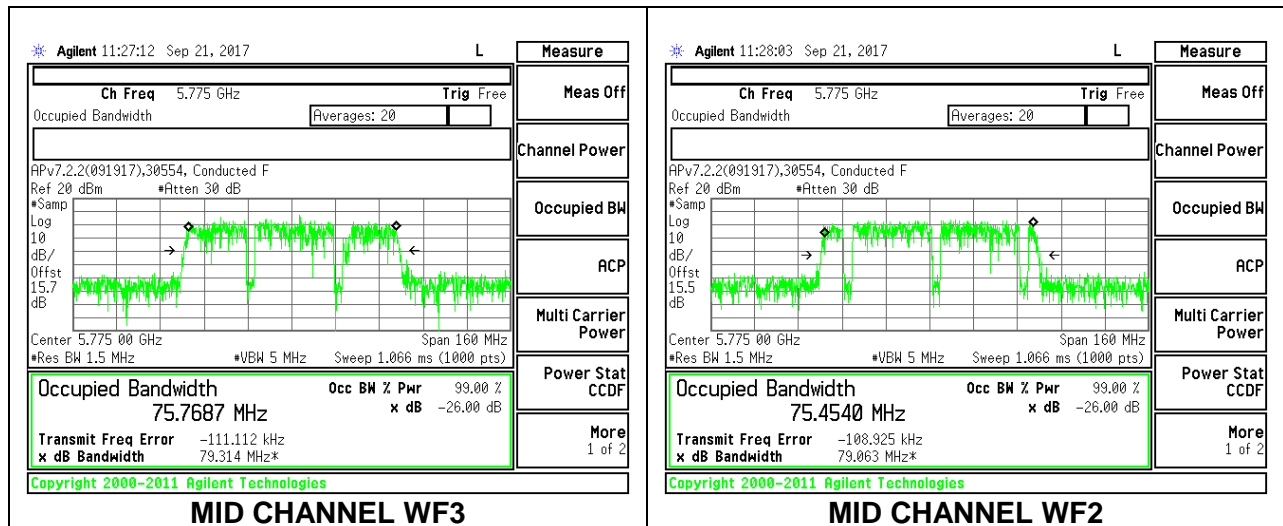
MID CHANNEL



2TX Antenna WF3 + Antenna WF2 CDD Mode

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Mid	5775	75.7687	75.4540

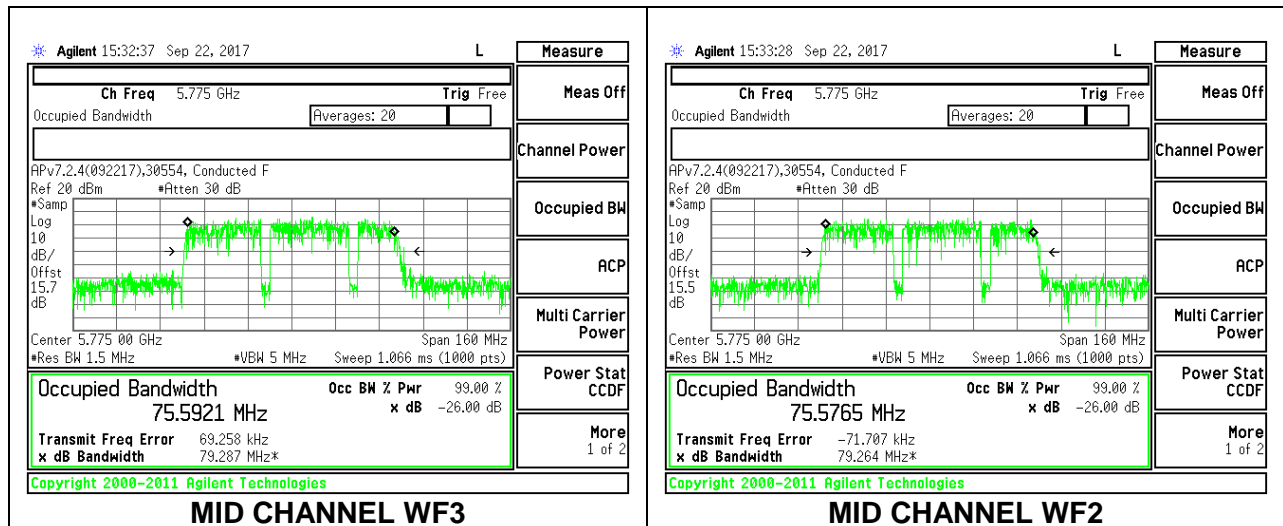
MID CHANNEL



2TX Antenna WF3 + Antenna WF2 SDM Mode

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Mid	5775	75.5921	75.5765

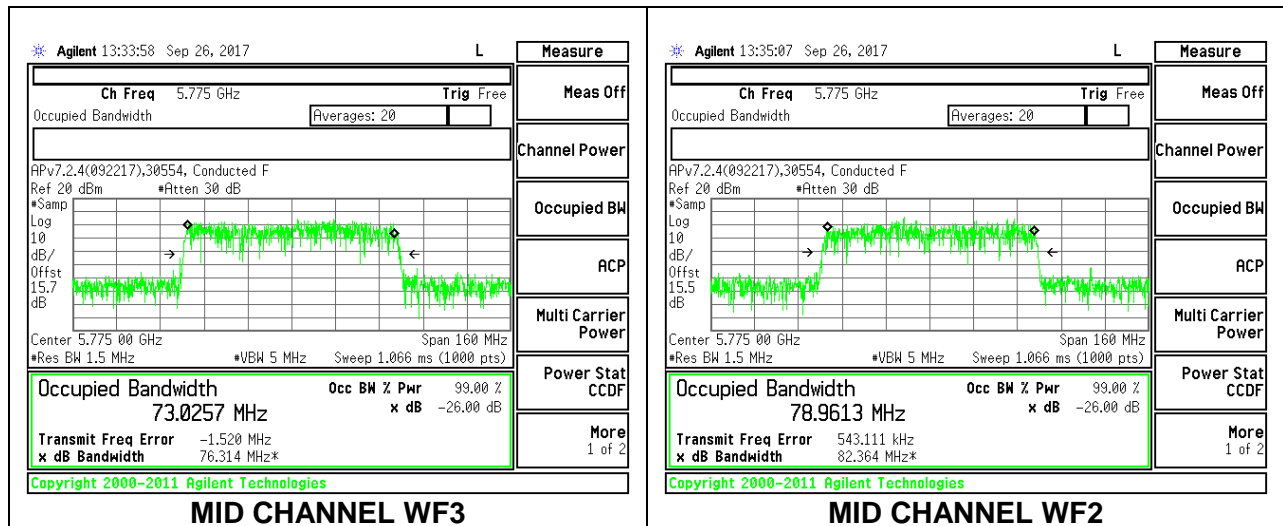
MID CHANNEL



2TX Antenna WF3 + Antenna WF2 BF Mode

Channel	Frequency (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Mid	5775	73.0257	78.9613

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	5775	75.4871	75.1946	75.2626

MID CHANNEL

<p>Agilent 13:25:47 Sep 21, 2017</p> <p>Ch Freq 5.775 GHz Trig Free</p> <p>Occupied Bandwidth Averages: 20</p> <p>APv7.2.3(092117),30554, Conducted F</p> <p>Ref 20 dBm #Atten 30 dB</p> <p>Center 5.775 00 GHz Span 160 MHz</p> <p>#Res BW 1.5 MHz #VBW 5 MHz Sweep 1.066 ms (1000 pts)</p> <p>Occupied Bandwidth 75.4871 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -195.520 kHz</p> <p>x dB Bandwidth 79.257 MHz*</p> <p>Copyright 2000-2011 Agilent Technologies</p> <p>MID CHANNEL WF4</p>	<p>Agilent 11:29:45 Sep 21, 2017</p> <p>Ch Freq 5.775 GHz Trig Free</p> <p>Occupied Bandwidth Averages: 20</p> <p>APv7.2.2(091917),30554, Conducted F</p> <p>Ref 20 dBm #Atten 30 dB</p> <p>Center 5.775 00 GHz Span 160 MHz</p> <p>#Res BW 1.5 MHz #VBW 5 MHz Sweep 1.066 ms (1000 pts)</p> <p>Occupied Bandwidth 75.1946 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error 31.622 kHz</p> <p>x dB Bandwidth 79.184 MHz*</p> <p>Copyright 2000-2011 Agilent Technologies</p> <p>MID CHANNEL WF3</p>
<p>Agilent 11:30:44 Sep 21, 2017</p> <p>Ch Freq 5.775 GHz Trig Free</p> <p>Occupied Bandwidth Averages: 20</p> <p>APv7.2.2(091917),30554, Conducted F</p> <p>Ref 20 dBm #Atten 30 dB</p> <p>Center 5.775 00 GHz Span 160 MHz</p> <p>#Res BW 1.5 MHz #VBW 5 MHz Sweep 1.066 ms (1000 pts)</p> <p>Occupied Bandwidth 75.2626 MHz</p> <p>Occ BW % Pwr 99.00 %</p> <p>x dB -26.00 dB</p> <p>Transmit Freq Error -102.115 kHz</p> <p>x dB Bandwidth 78.944 MHz*</p> <p>Copyright 2000-2011 Agilent Technologies</p> <p>MID CHANNEL WF2</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	5775	75.4903	75.7319	75.7305

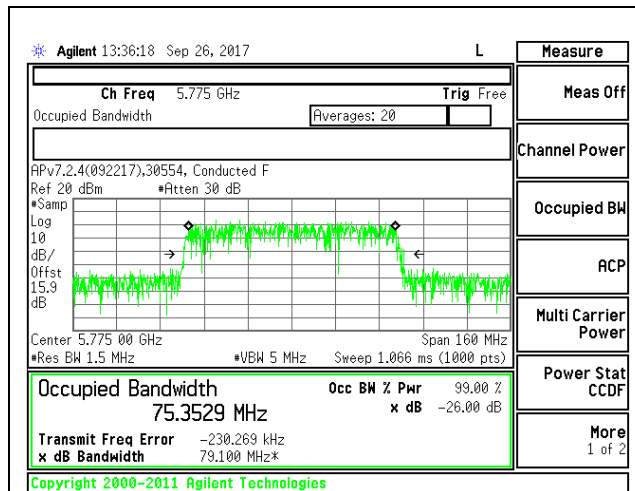
MID CHANNEL

<p>Agilent 15:34:19 Sep 22, 2017</p> <p>Ch Freq 5.775 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 5.775 00 GHz Span 160 MHz #Res BW 1.5 MHz #VBW 5 MHz Sweep 1.066 ms (1000 pts)</p> <p>Occupied Bandwidth 75.4903 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -268.693 kHz x dB Bandwidth 79.088 MHz*</p> <p>Copyright 2000-2011 Agilent Technologies</p> <p>MID CHANNEL WF4</p>	<p>Agilent 15:35:29 Sep 22, 2017</p> <p>Ch Freq 5.775 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 5.775 00 GHz Span 160 MHz #Res BW 1.5 MHz #VBW 5 MHz Sweep 1.066 ms (1000 pts)</p> <p>Occupied Bandwidth 75.7319 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -150.777 kHz x dB Bandwidth 79.136 MHz*</p> <p>Copyright 2000-2011 Agilent Technologies</p> <p>MID CHANNEL WF3</p>
<p>Agilent 15:36:31 Sep 22, 2017</p> <p>Ch Freq 5.775 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 5.775 00 GHz Span 160 MHz #Res BW 1.5 MHz #VBW 5 MHz Sweep 1.066 ms (1000 pts)</p> <p>Occupied Bandwidth 75.7305 MHz Occ BW % Pwr 99.00 % x dB -26.00 dB</p> <p>Transmit Freq Error -129.101 kHz x dB Bandwidth 79.391 MHz*</p> <p>Copyright 2000-2011 Agilent Technologies</p> <p>MID CHANNEL WF2</p>	

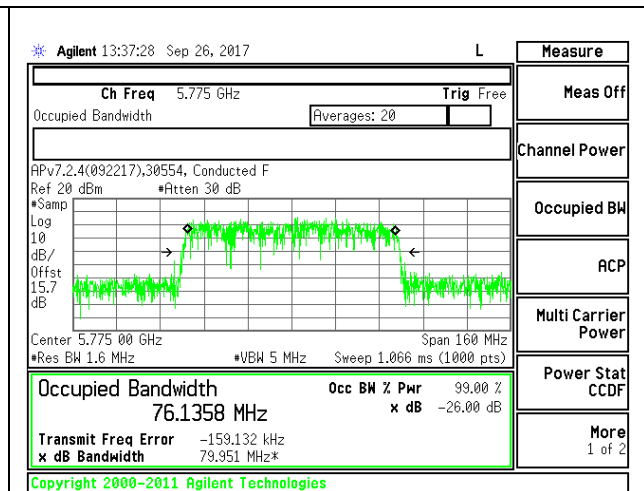
3TX Antenna WF4 + Antenna WF3 + Antenna WF2 BF Mode

Channel	Frequency (MHz)	99% Bandwidth WF4 (MHz)	99% Bandwidth WF3 (MHz)	99% Bandwidth WF2 (MHz)
Mid	5775	75.3529	76.1358	75.0834

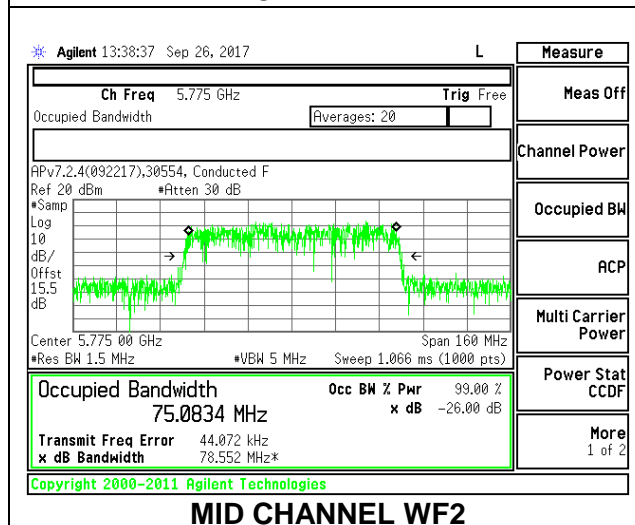
MID CHANNEL



MID CHANNEL WF4



MID CHANNEL WF3



MID CHANNEL WF2

4.4. 6 dB BANDWIDTH

LIMITS

FCC §15.407

IC RSS-247 (6.2.4)

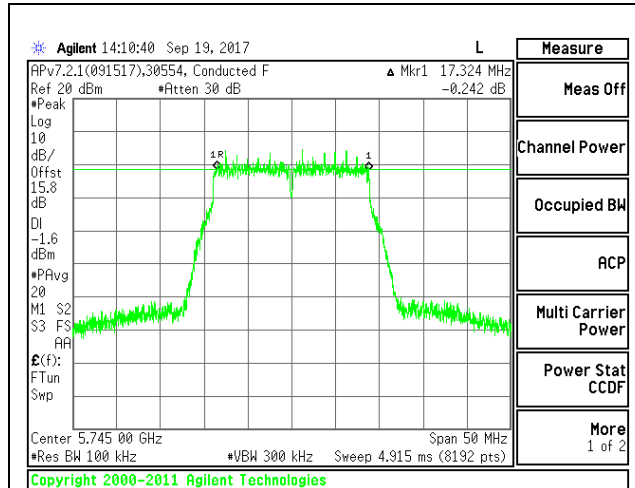
The minimum 6 dB bandwidth shall be at least 500 kHz.

RESULTS

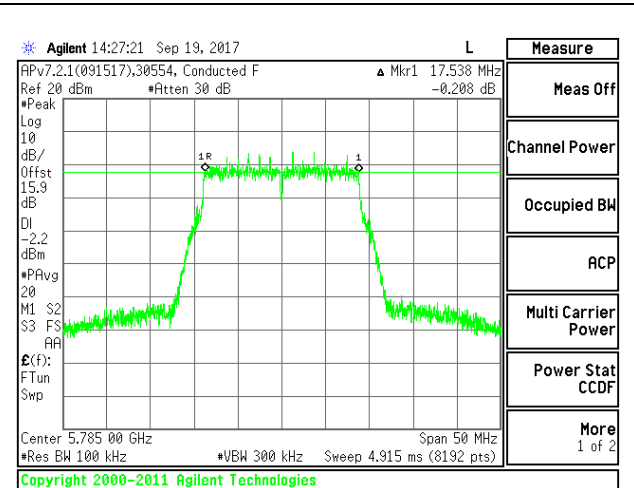
4.4.1. 802.11n HT20 MODE IN THE 5.8 GHz BAND

1TX Antenna WF4

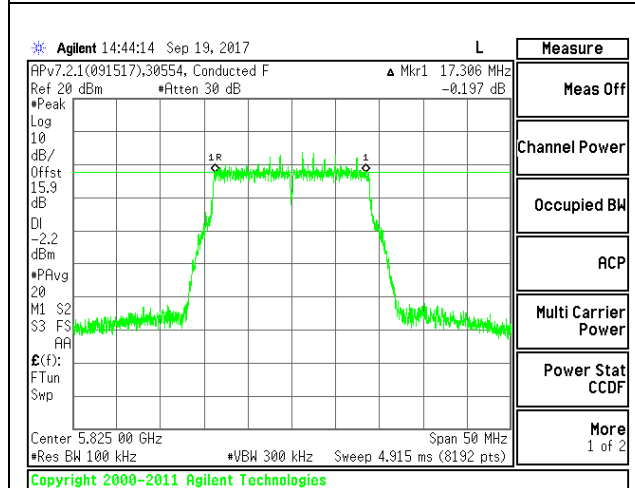
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	17.3240	0.5
Mid	5785	17.5380	0.5
High	5825	17.3060	0.5
144	5720	3.7320	0.5



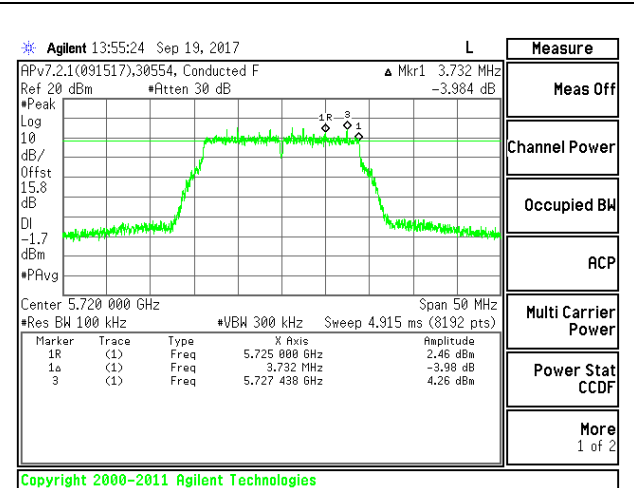
LOW CHANNEL



MID CHANNEL



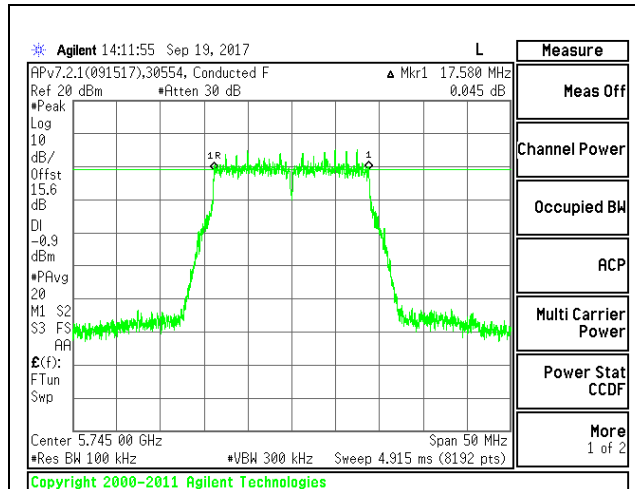
HIGH CHANNEL



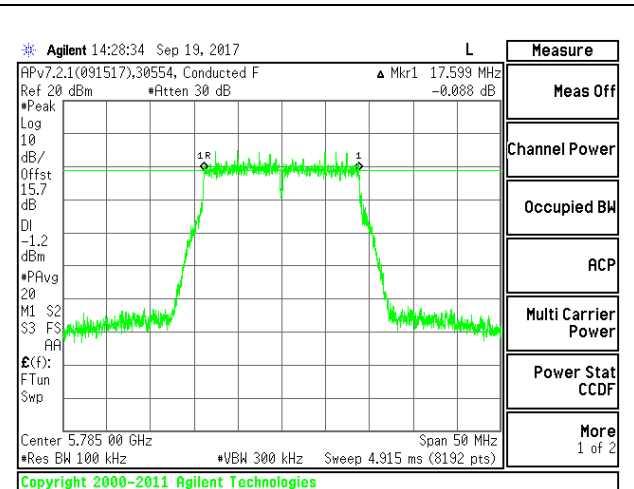
CHANNEL 144

1TX Antenna WF3

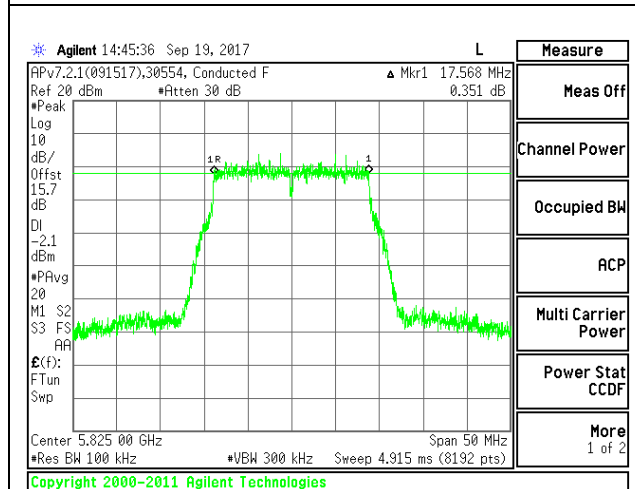
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	17.5800	0.5
Mid	5785	17.5990	0.5
High	5825	17.5680	0.5
144	5720	3.8660	0.5



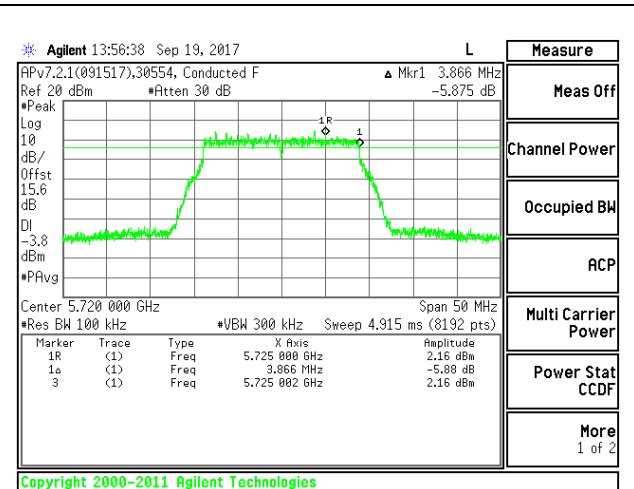
LOW CHANNEL



MID CHANNEL



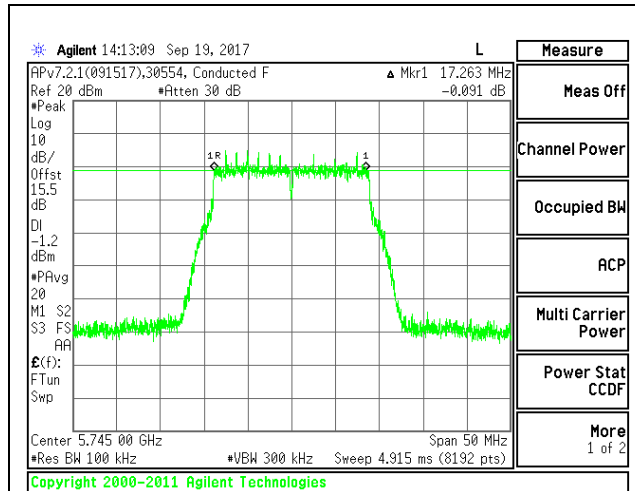
HIGH CHANNEL



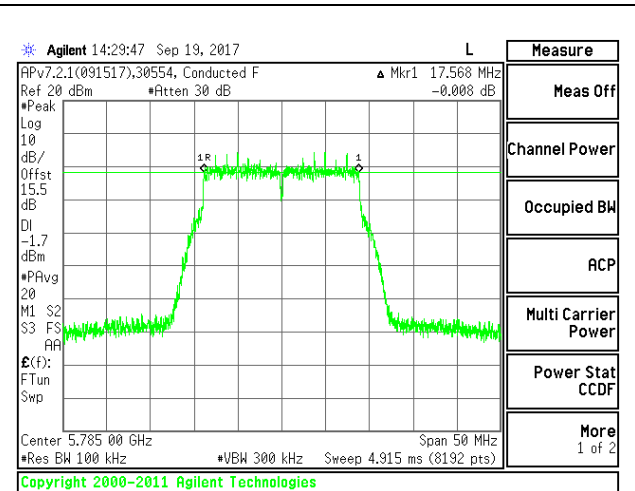
CHANNEL 144

1TX Antenna WF2

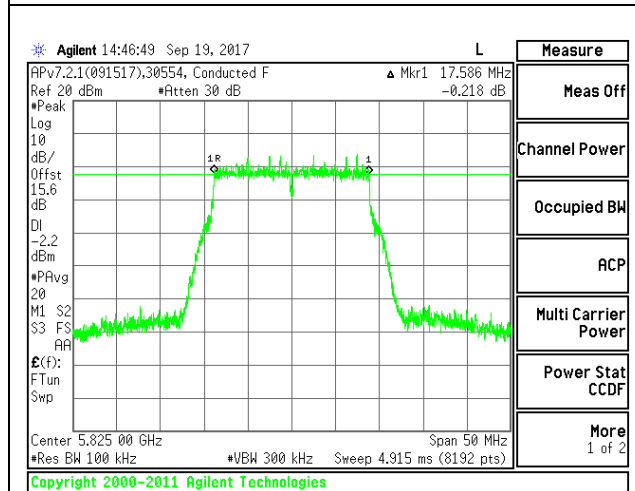
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)
Low	5745	17.2630	0.5
Mid	5785	17.5680	0.5
High	5825	17.5860	0.5
144	5720	3.7440	0.5



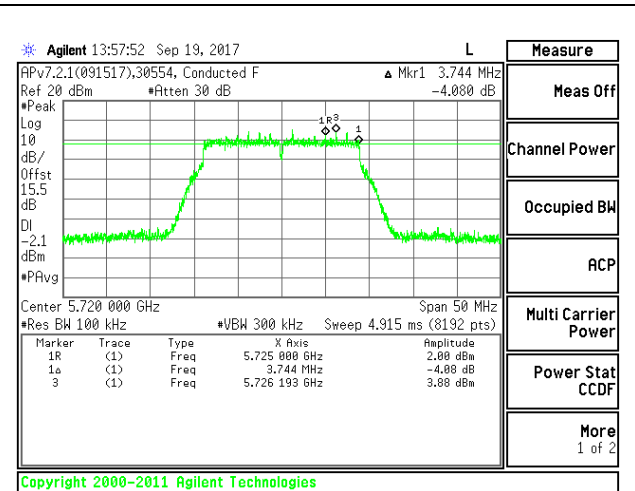
LOW CHANNEL



MID CHANNEL



HIGH CHANNEL

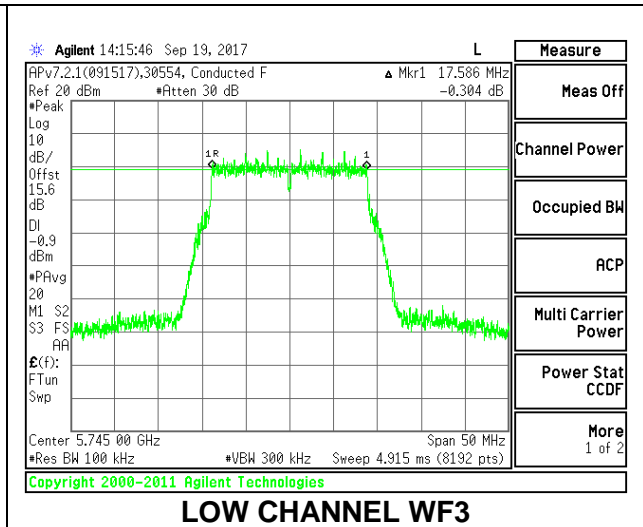
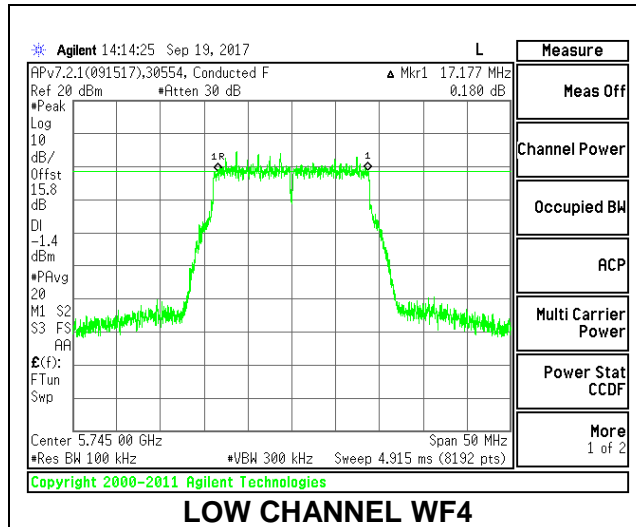


CHANNEL 144

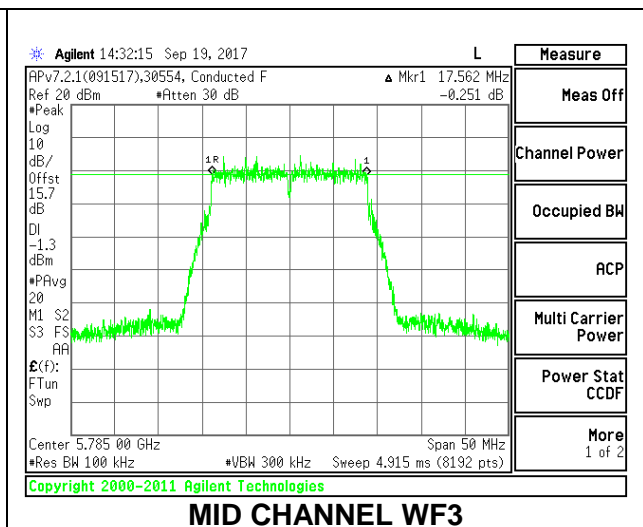
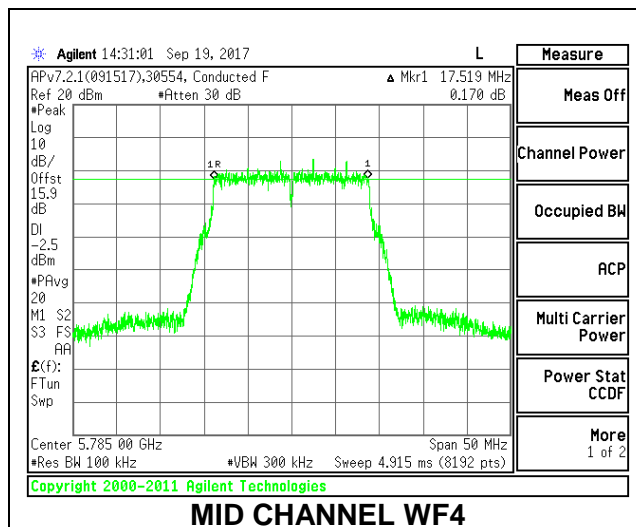
2TX Antenna WF4 + Antenna WF3 CDD Mode

Channel	Frequency (MHz)	6 dB BW WF4 (MHz)	6 dB BW WF3 (MHz)	Minimum Limit (MHz)
Low	5745	17.177	17.586	0.5
Mid	5785	17.519	17.562	0.5
High	5825	17.550	17.574	0.5
144	5720	3.775	3.836	0.5

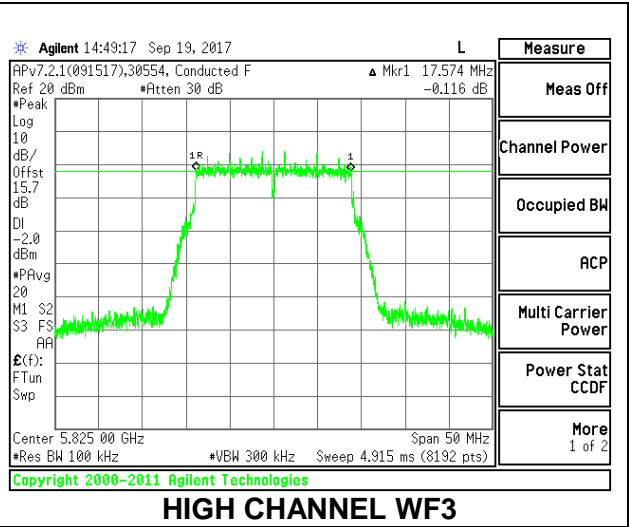
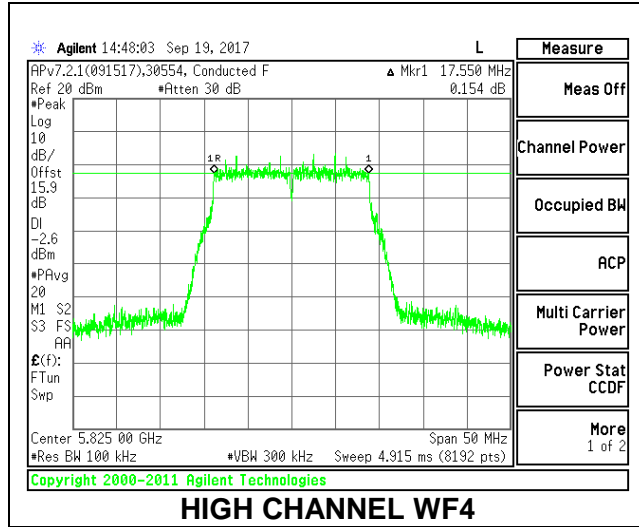
LOW CHANNEL



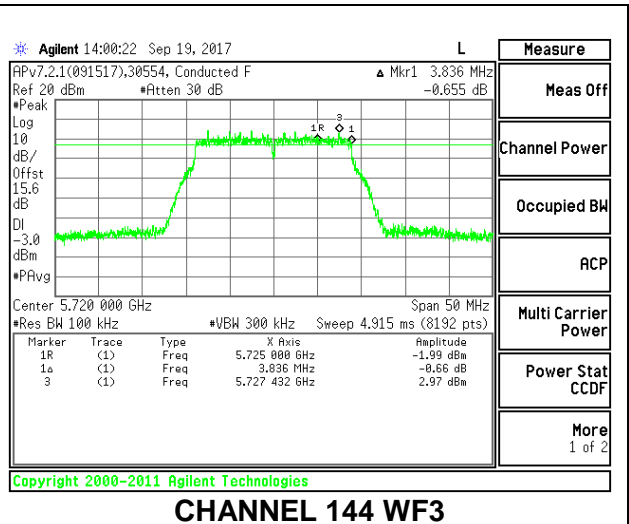
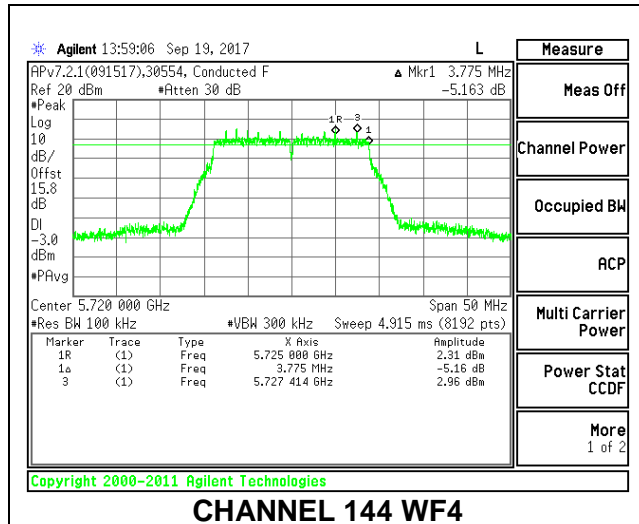
MID CHANNEL



HIGH CHANNEL



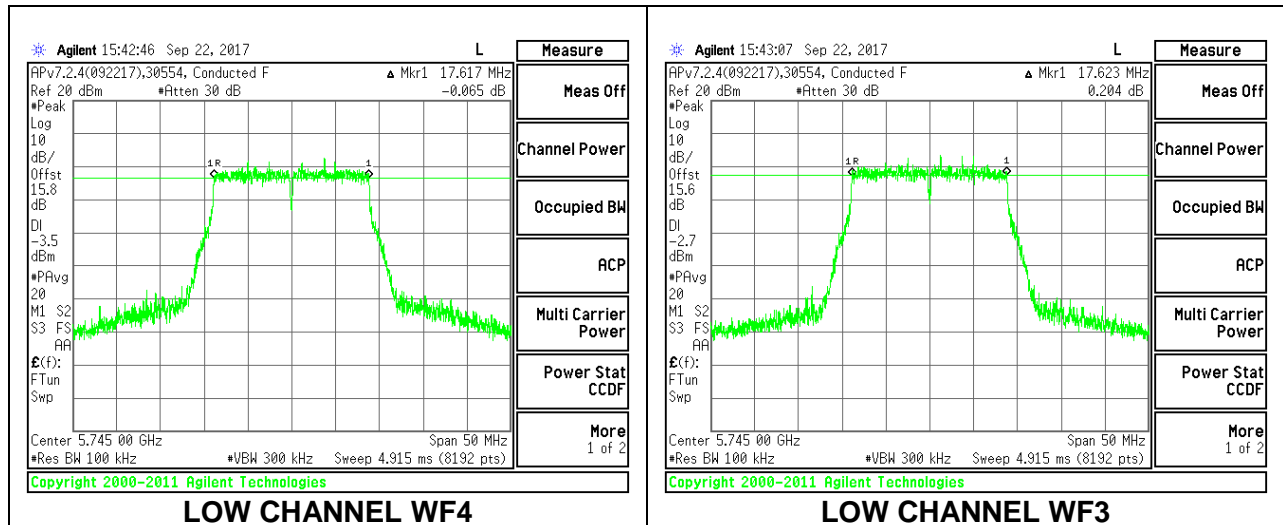
CHANNEL 144



2TX Antenna WF4 + Antenna WF3 SDM Mode

Channel	Frequency (MHz)	6 dB BW WF4 (MHz)	6 dB BW WF3 (MHz)	Minimum Limit (MHz)
Low	5745	17.617	17.623	0.5
Mid	5785	17.574	17.599	0.5
High	5825	17.599	17.605	0.5
144	5720	3.848	3.812	0.5

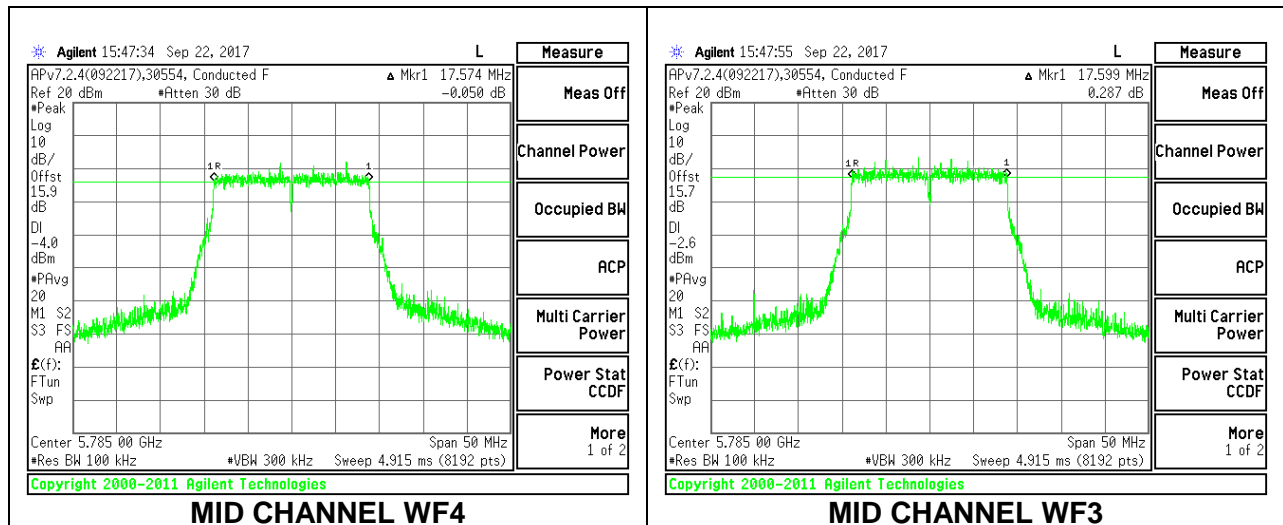
LOW CHANNEL



LOW CHANNEL WF4

LOW CHANNEL WF3

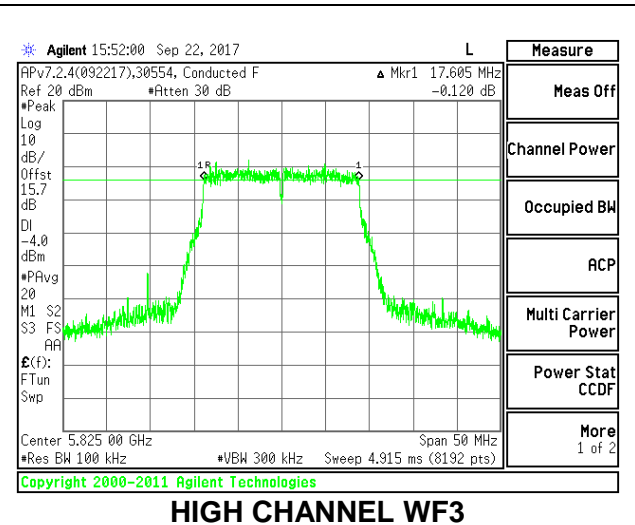
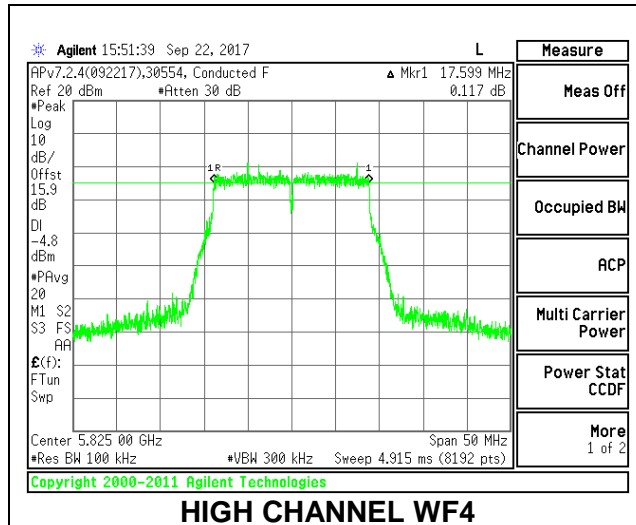
MID CHANNEL



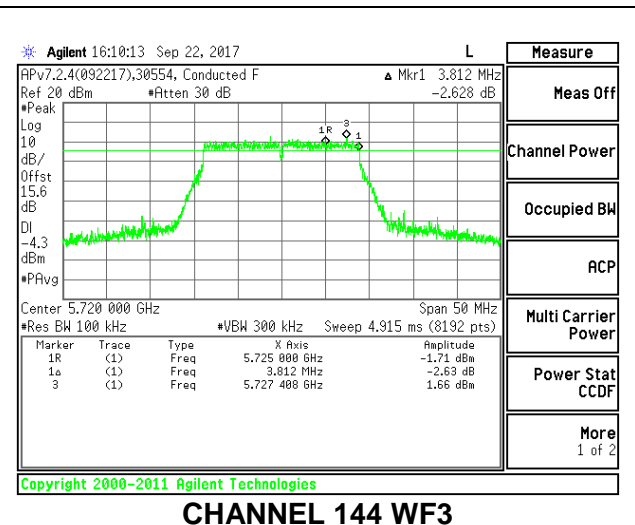
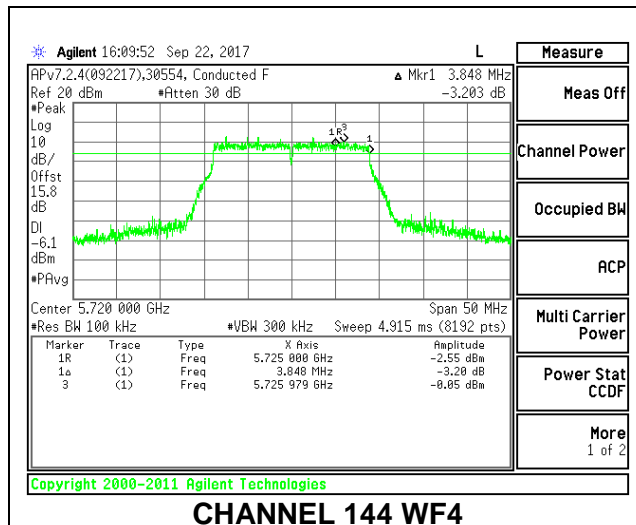
MID CHANNEL WF4

MID CHANNEL WF3

HIGH CHANNEL



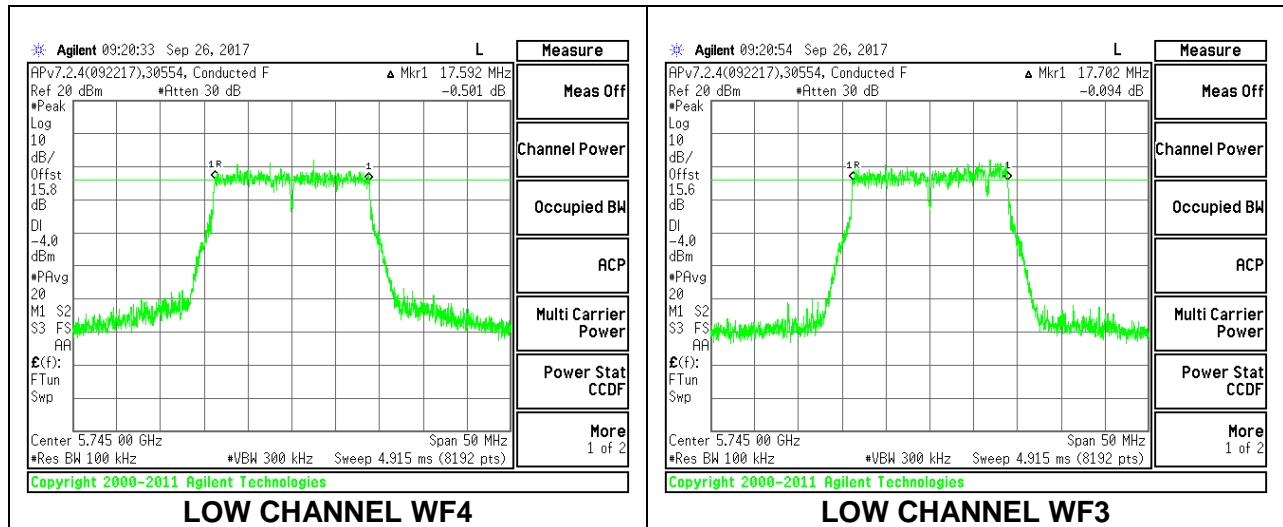
CHANNEL 144



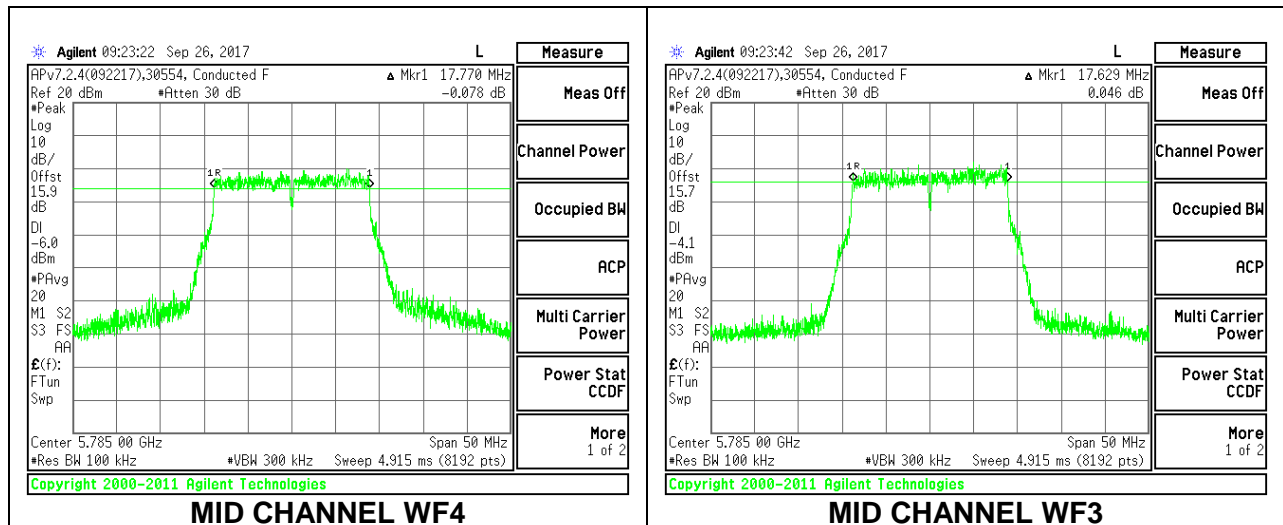
2TX Antenna WF4 + Antenna WF3 BF Mode

Channel	Frequency (MHz)	6 dB BW WF4 (MHz)	6 dB BW WF3 (MHz)	Minimum Limit (MHz)
Low	5745	17.592	17.702	0.5
Mid	5785	17.770	17.629	0.5
High	5825	17.592	17.666	0.5
144	5720	3.891	3.873	0.5

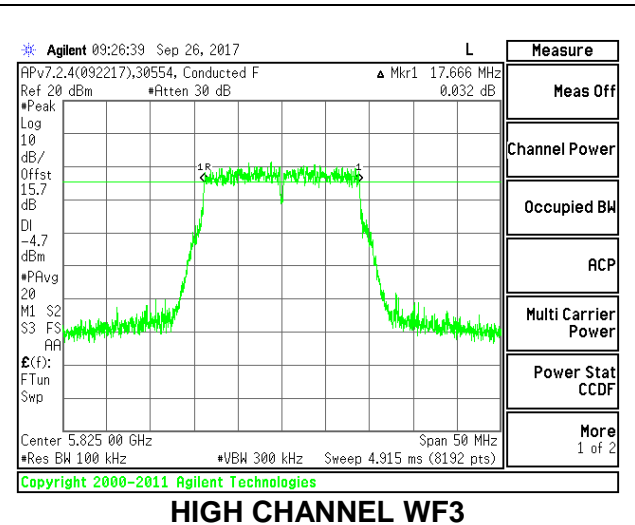
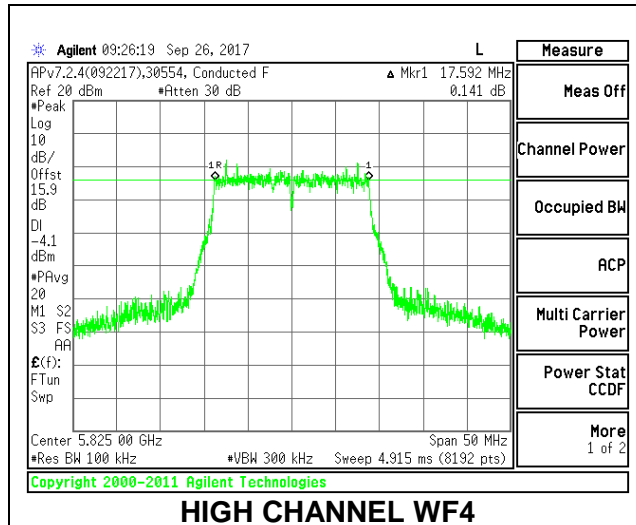
LOW CHANNEL



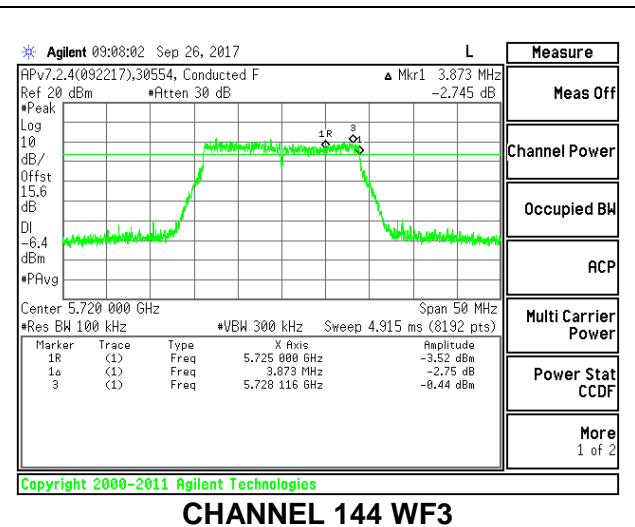
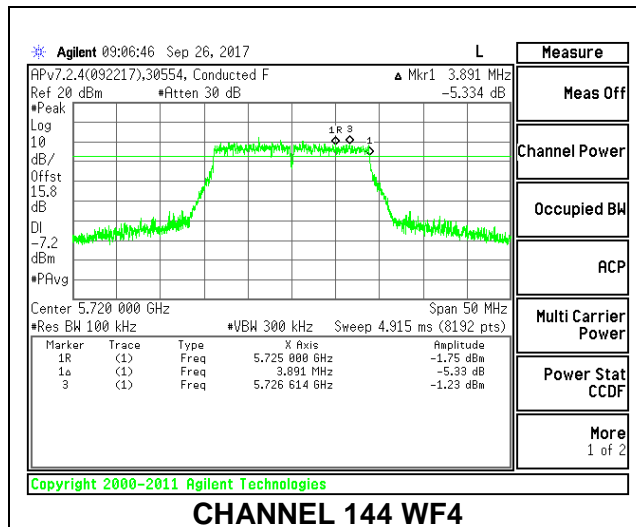
MID CHANNEL



HIGH CHANNEL



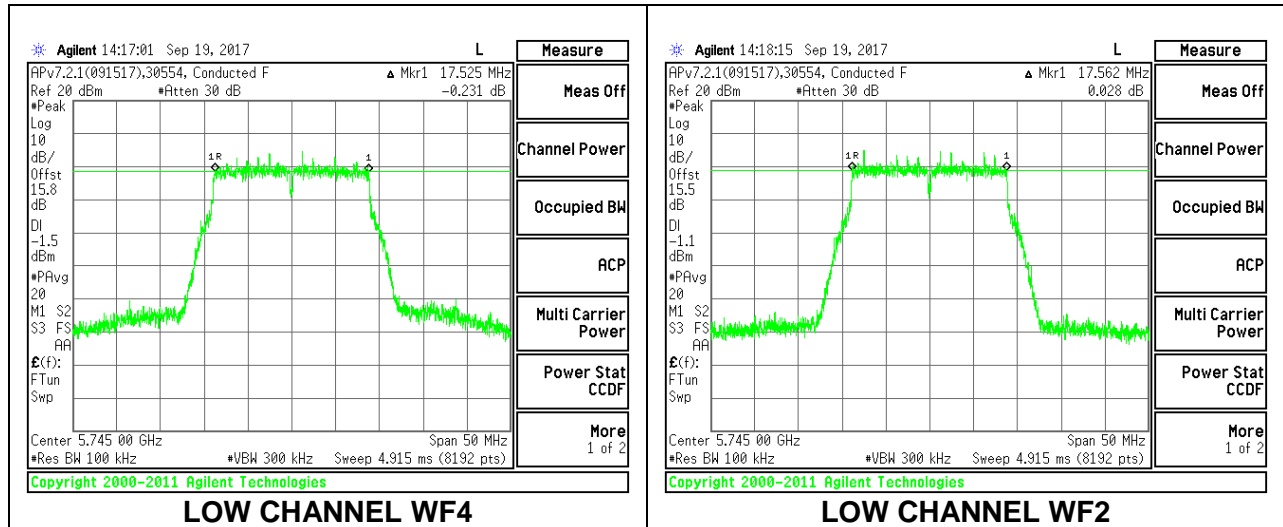
CHANNEL 144



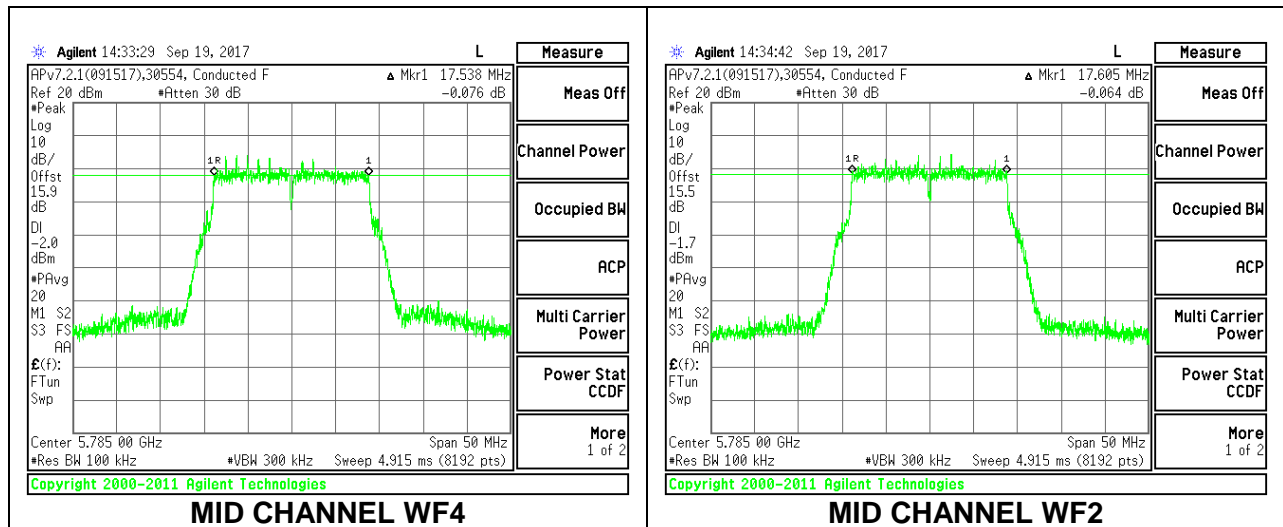
2TX Antenna WF4 + Antenna WF2 CDD Mode

Channel	Frequency (MHz)	6 dB BW WF4 (MHz)	6 dB BW WF2 (MHz)	Minimum Limit (MHz)
Low	5745	17.5250	17.5620	0.5
Mid	5785	17.5380	17.6050	0.5
High	5825	17.5500	17.5440	0.5
144	5720	3.7320	3.8120	0.5

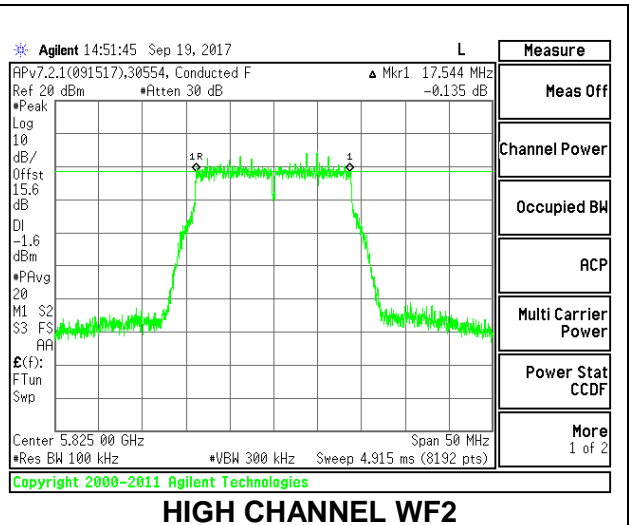
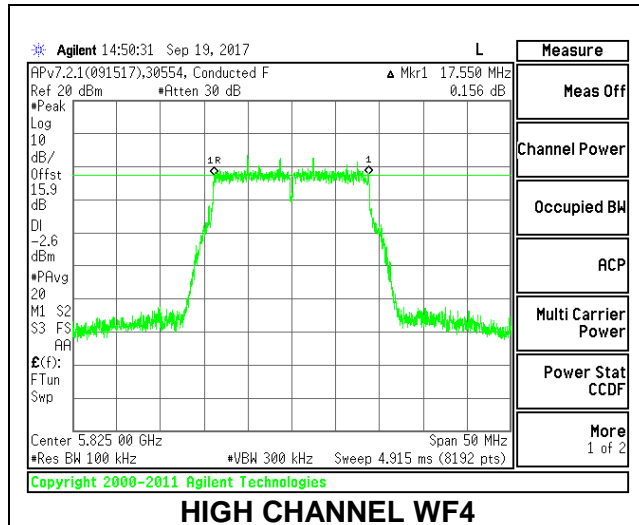
LOW CHANNEL



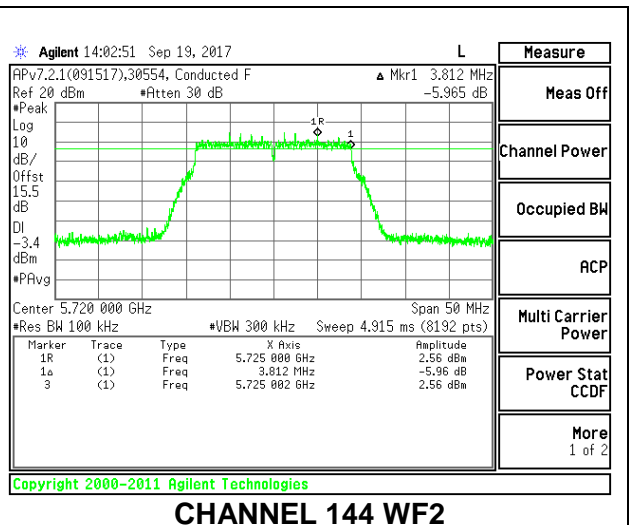
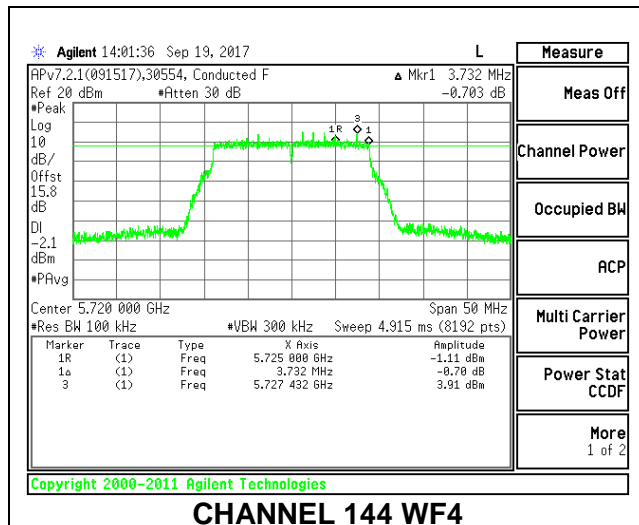
MID CHANNEL



HIGH CHANNEL



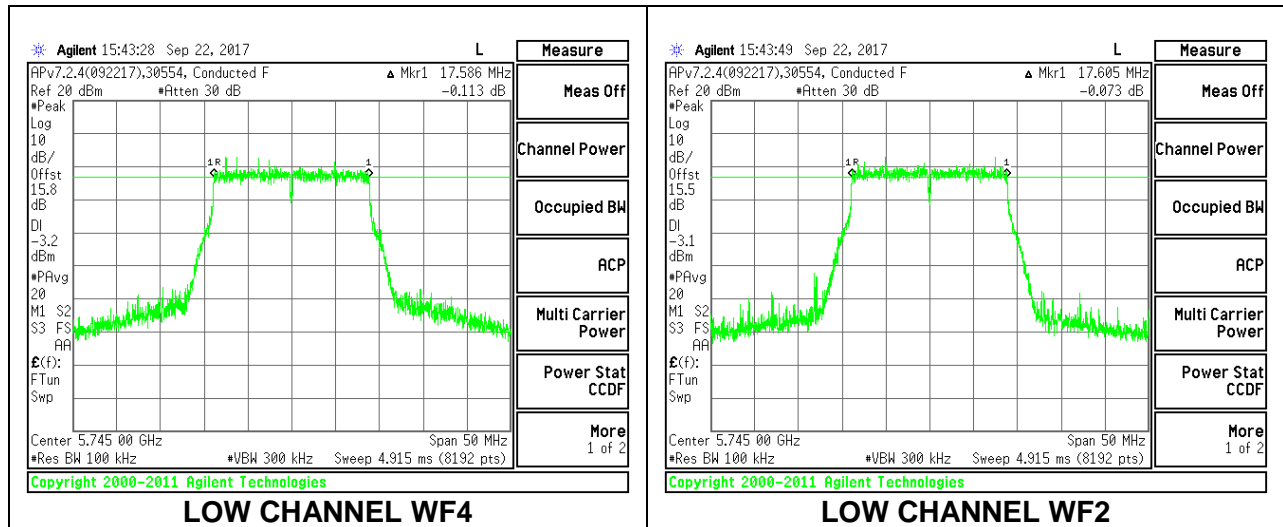
CHANNEL 144



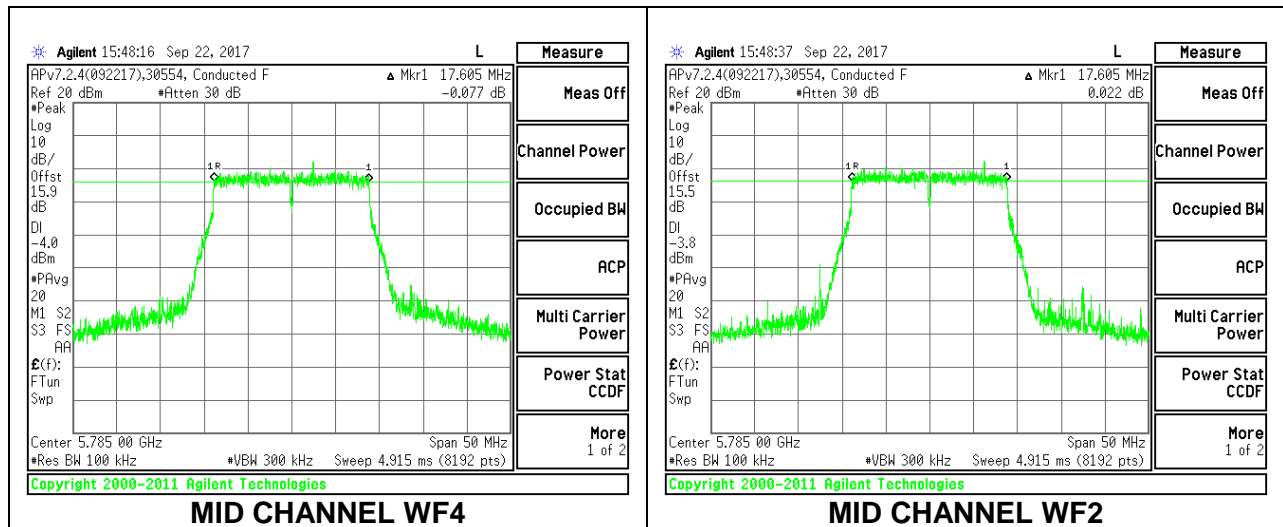
2TX Antenna WF4 + Antenna WF2 SDM Mode

Channel	Frequency (MHz)	6 dB BW WF4 (MHz)	6 dB BW WF2 (MHz)	Minimum Limit (MHz)
Low	5745	17.586	17.605	0.5
Mid	5785	17.605	17.605	0.5
High	5825	17.580	17.611	0.5
144	5720	3.836	3.769	0.5

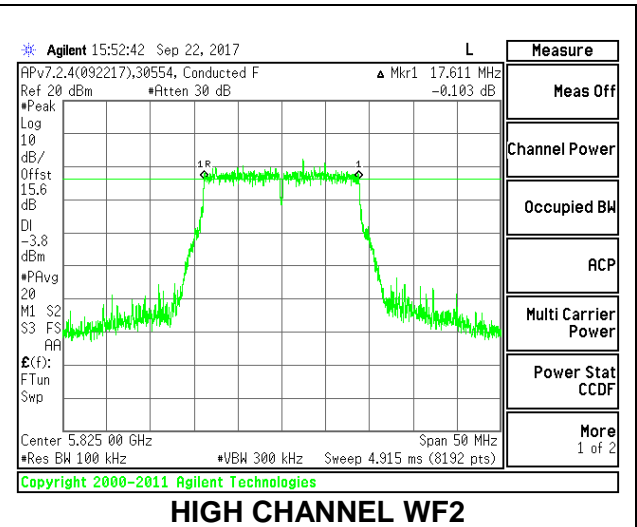
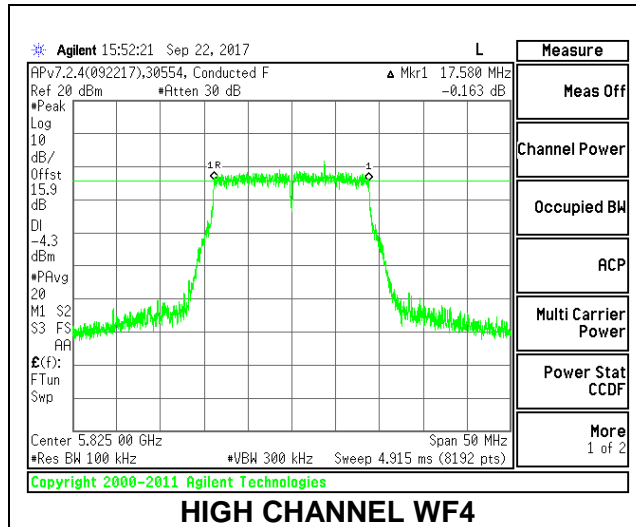
LOW CHANNEL



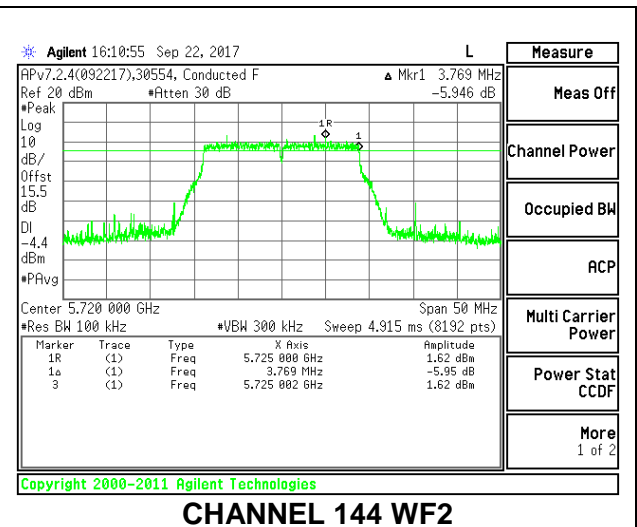
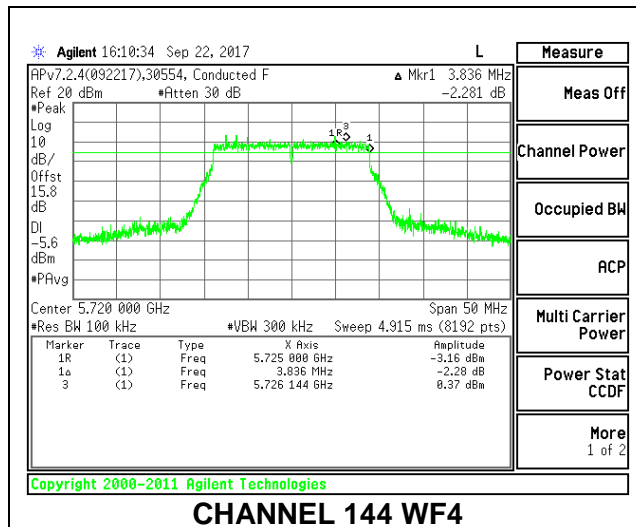
MID CHANNEL



HIGH CHANNEL



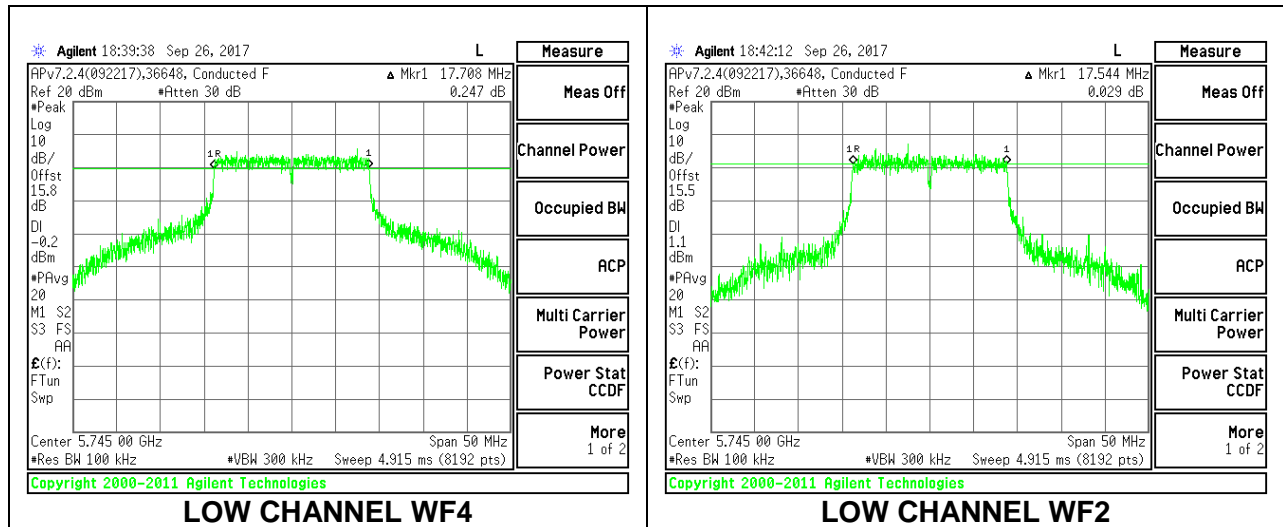
CHANNEL 144



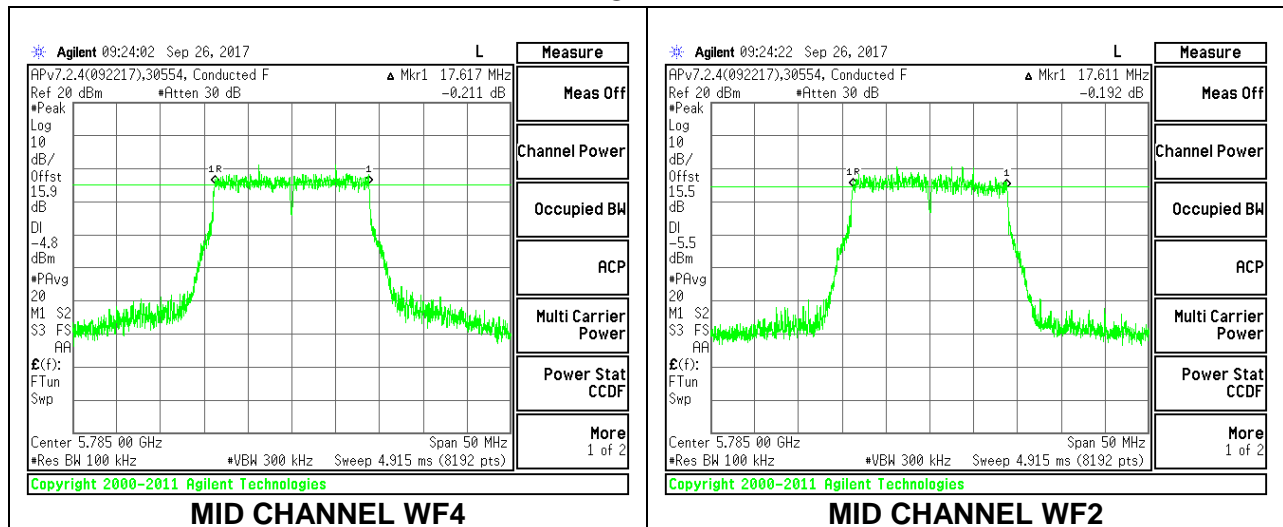
2TX Antenna WF4 + Antenna WF2 BF Mode

Channel	Frequency (MHz)	6 dB BW WF4 (MHz)	6 dB BW WF2 (MHz)	Minimum Limit (MHz)
Low	5745	17.708	17.544	0.5
Mid	5785	17.617	17.611	0.5
High	5825	17.605	17.776	0.5
144	5720	3.915	3.818	0.5

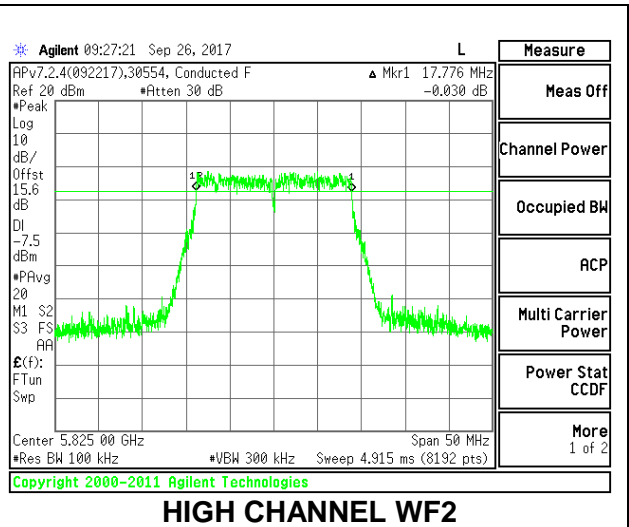
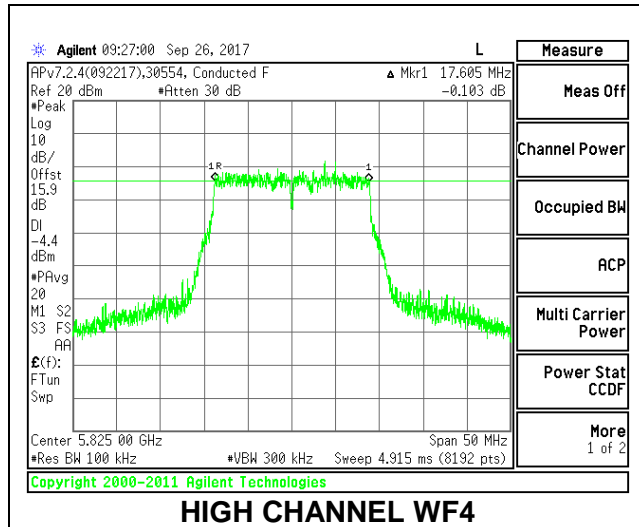
LOW CHANNEL



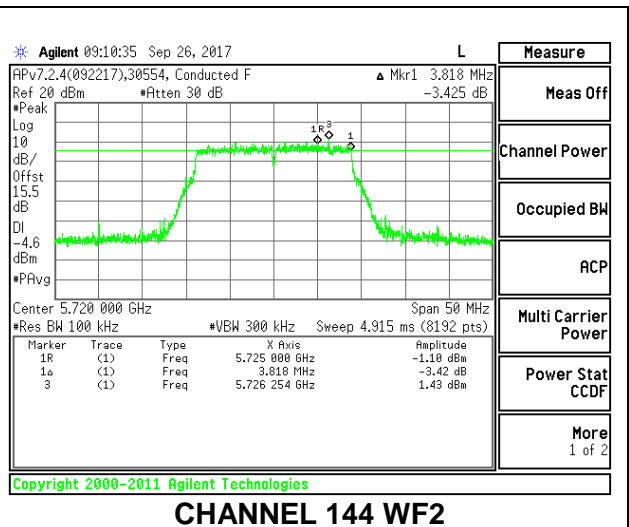
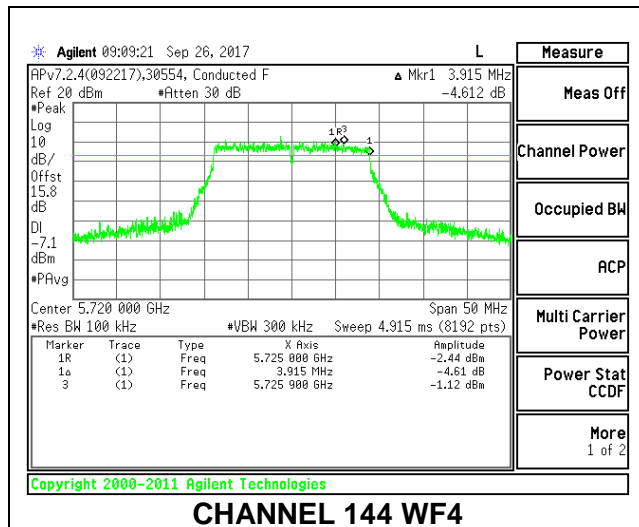
MID CHANNEL



HIGH CHANNEL



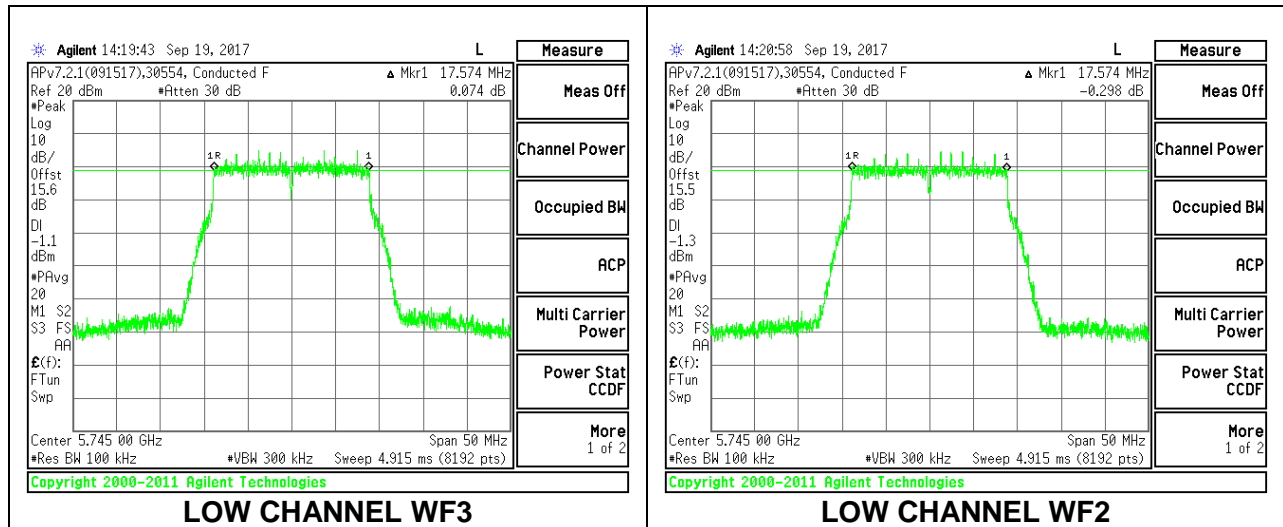
CHANNEL 144



2TX Antenna WF3 + Antenna WF2 CDD Mode

Channel	Frequency (MHz)	6 dB BW WF3 (MHz)	6 dB BW WF2 (MHz)	Minimum Limit (MHz)
Low	5745	17.574	17.574	0.5
Mid	5785	17.592	17.556	0.5
High	5825	17.562	17.330	0.5
144	5720	3.757	3.775	0.5

LOW CHANNEL



MID CHANNEL

