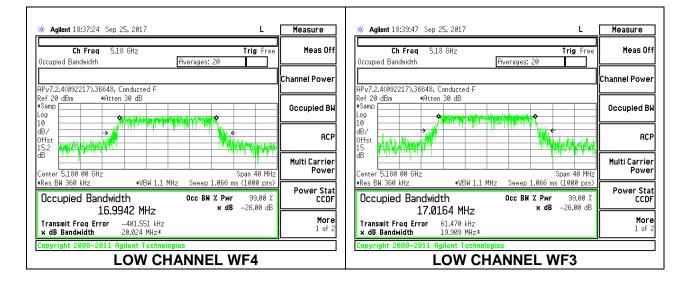
2TX Antenna WF4 + Antenna WF3 BF Mode

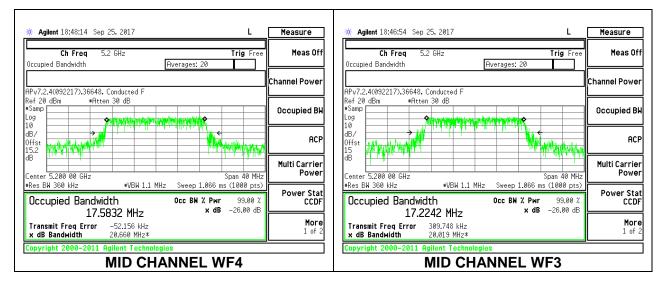
Channel	Frequency	99% Bandwidth WF4	99% Bandwidth WF3
	(MHz)	(MHz)	(MHz)
Low	5180	16.994	17.016
Mid	5200	17.583	17.224
High	5240	17.334	17.676

LOW CHANNEL

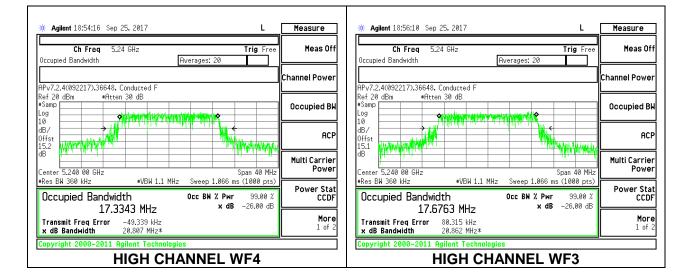


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MID CHANNEL



HIGH CHANNEL

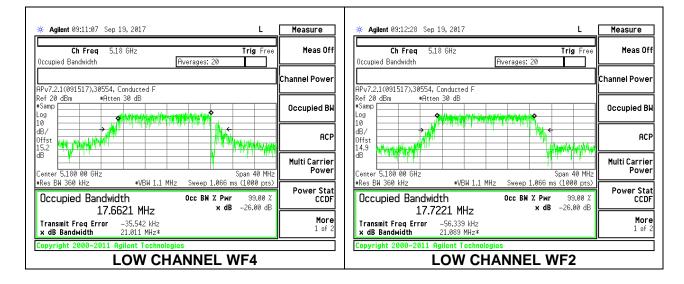


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2TX Antenna WF4 + Antenna WF2 CDD Mode

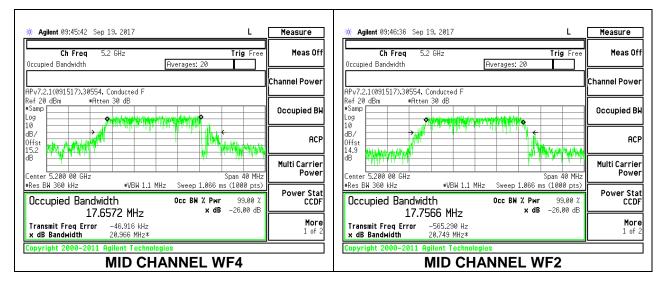
Channel	Frequency	99% Bandwidth WF4	99% Bandwidth WF2
	(MHz)	(MHz)	(MHz)
Low	5180	17.662	17.722
Mid	5200	17.657	17.757
High	5240	17.800	17.724

LOW CHANNEL

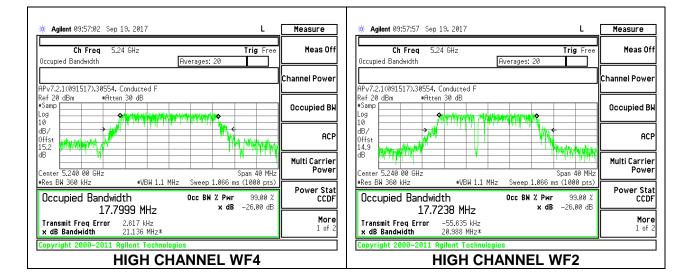


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MID CHANNEL



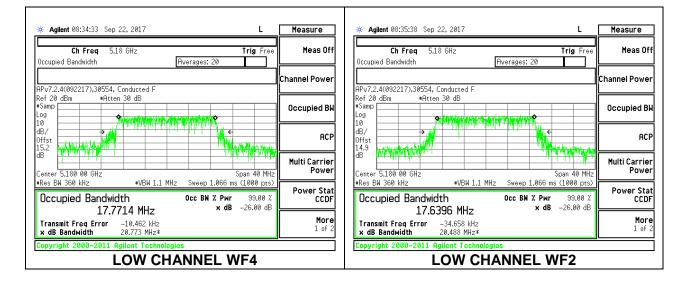
HIGH CHANNEL



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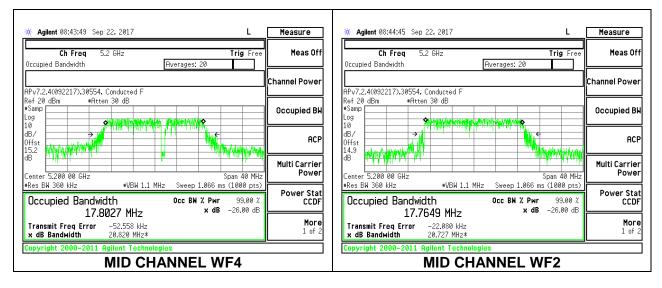
2TX Antenna WF4 +	Antenna WF2 SDM Mode

Channel	Frequency	99% Bandwidth WF4	99% Bandwidth WF2
	(MHz)	(MHz)	(MHz)
Low	5180	17.771	17.640
Mid	5200	17.803	17.765
High	5240	17.770	17.807

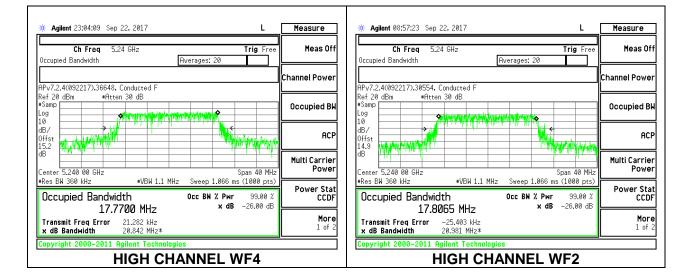


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MID CHANNEL

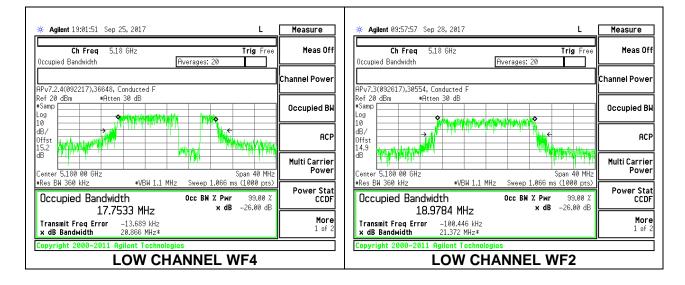


HIGH CHANNEL



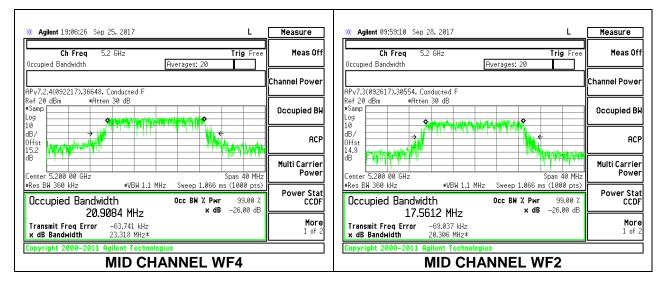
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Channel	Frequency	99% Bandwidth WF4	99% Bandwidth WF2
	(MHz)	(MHz)	(MHz)
Low	5180	17.753	18.978
Mid	5200	20.908	17.561
High	5240	17.747	17.541

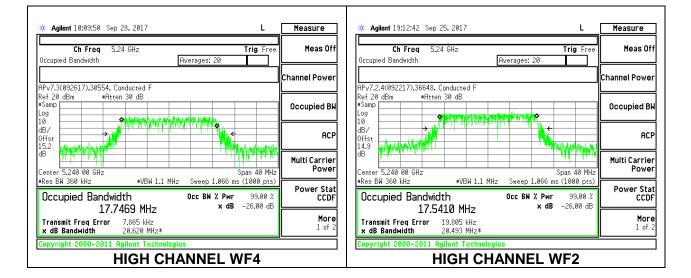


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MID CHANNEL



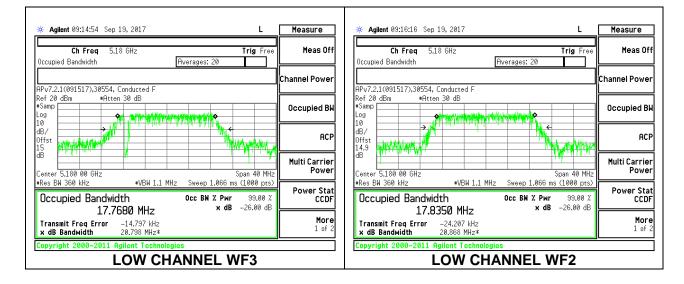
HIGH CHANNEL



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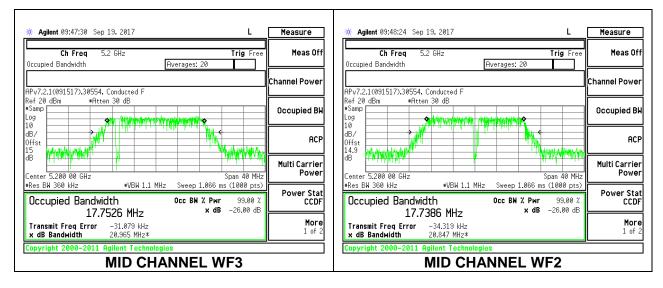
2TX Antenna	WF3 + Antenna	WF2 CDD Mode

Channel	Frequency	99% Bandwidth WF3	99% Bandwidth WF2
	(MHz)	(MHz)	(MHz)
Low	5180	17.768	17.835
Mid	5200	17.753	17.739
High	5240	17.750	17.691

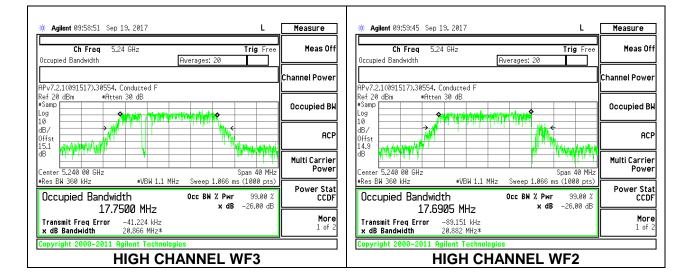


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MID CHANNEL



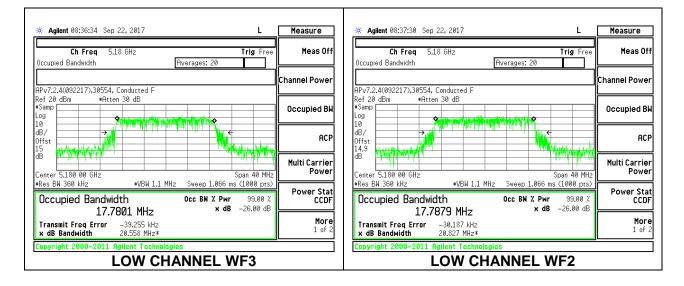
HIGH CHANNEL



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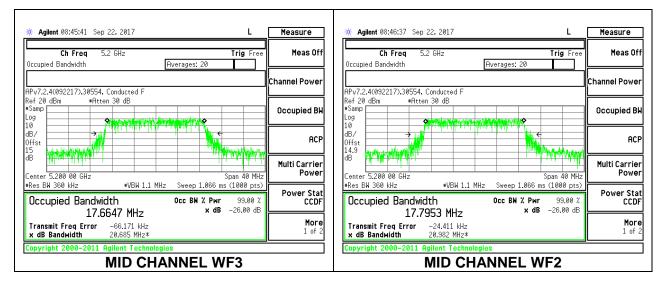
2TX Antenna	WF3 + Antenna	WF2 SDM Mode

Channel	Frequency	99% Bandwidth WF3	99% Bandwidth WF2
	(MHz)	(MHz)	(MHz)
Low	5180	17.780	17.788
Mid	5200	17.665	17.795
High	5240	17.785	17.714

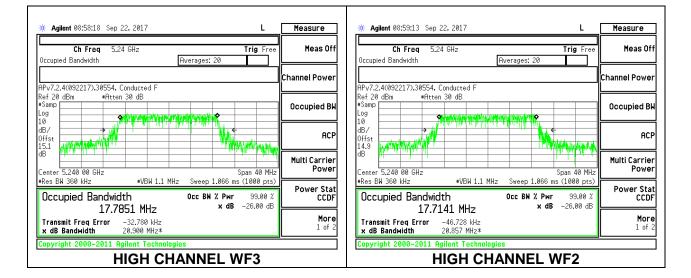


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MID CHANNEL



HIGH CHANNEL



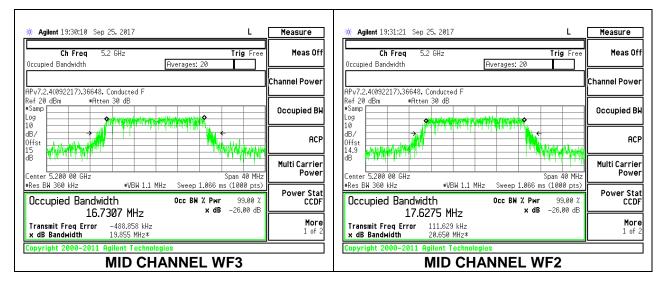
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Channel	Frequency	99% Bandwidth WF3	99% Bandwidth WF2
	(MHz)	(MHz)	(MHz)
Low	5180	17.419	17.807
Mid	5200	16.731	17.628
High	5240	17.542	17.796

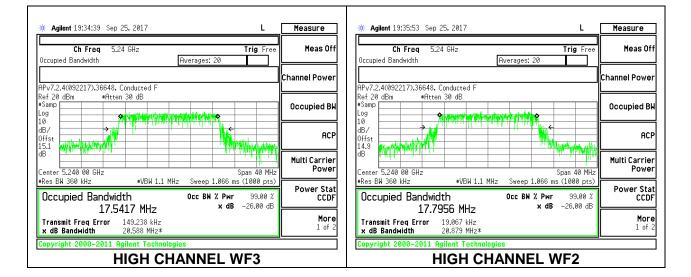
★ Agilent 19:17:43 Sep 25, 2017	Measure	₩ Agilent 19:19:03 Sep 25, 2017 L	Measure	
Ch Freq 5.18 GHz Trig Free Occupied Bandwidth Averages: 20	Meas Off	Ch Freq 5.18 GHz Trig Free Occupied Bandwidth Averages: 20	Meas Off	
APv7.2.4(092217),36648, Conducted F	Channel Power	APv7.2.4(092217),36648, Conducted F	Channel Power	
Ref 20 dBm	Occupied BW	Ref 20 dBm •Atten 30 dB •Samp Log 10	Occupied BW	
AB/ Offst IS BB	ACP		ACP	
Center 5.180 00 GHz Span 40 MHz	Multi Carrier Power	Center 5.180 00 GHz Span 40 MHz	Multi Carrier Power	
•Res BW 360 kHz •VBW 1.1 MHz Sweep 1.066 ms (1000 pts) Occupied Bandwidth occ BH % Pwr 99.00 % 17.4192 MHz × dB -26.00 dB	Power Stat CCDF	•Res BM 360 kHz •VBM 1.1 MHz Sweep 1.066 ms (1000 pts) Occupied Bandwidth occ BM % Pwr 93.00 % 17.8070 MHz × dB -26.00 dB	Power Stat CCDF	
L7.41.52 MHZ Transmit Freq Error 197.341 kHz x dB Bandwidth 20.628 MHz*	More 1 of 2	Transmit Freq Error 16.201 kHz × dB Bandwidth 20.743 MHz*	More 1 of 2	
Copyright 2000–2011 Agilent Technologies	Copyright 2000-2011 Agilent Technologies Copyright 2000-2011 Agilent Technologies			
LOW CHANNEL WF3	LOW CHANNEL WF3 LOW CHANNEL WF2			

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MID CHANNEL



HIGH CHANNEL

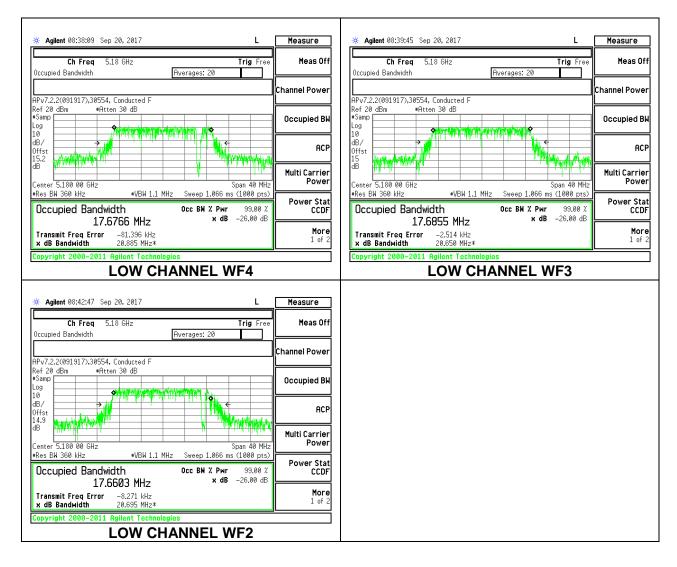


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3TX Antenna WF4 + Antenna WF3 + Antenna WF2 CDD Mode

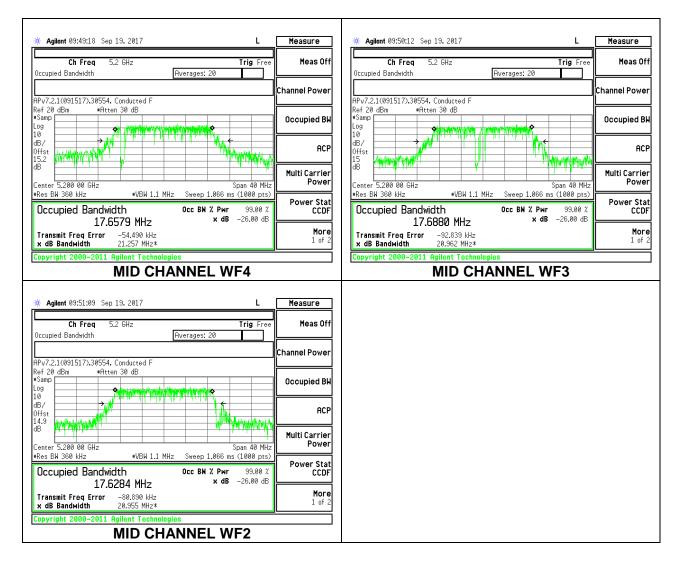
Channel	Frequency	99% Bandwidth	99% Bandwidth	99% Bandwidth
		WF4	WF3	WF2
	(MHz)	(MHz)	(MHz)	(MHz)
Low	5180	17.677	17.686	17.660
Mid	5200	17.658	17.688	17.628
High	5240	17.630	17.759	17.675

LOW CHANNEL



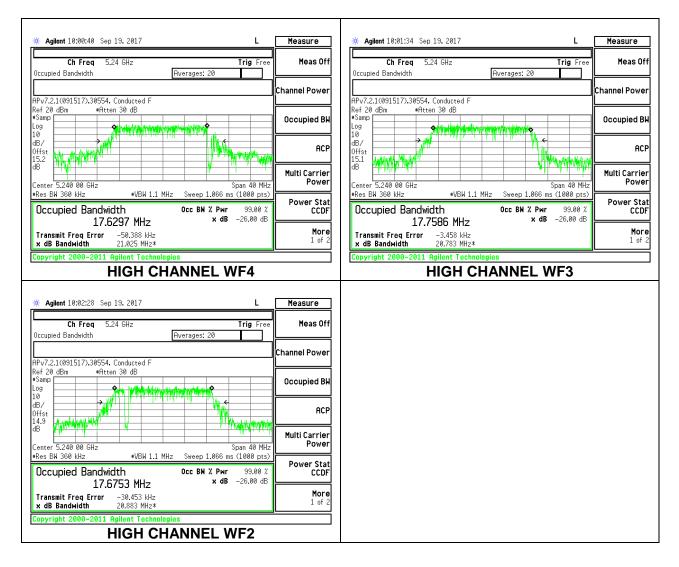
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MID CHANNEL



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HIGH CHANNEL

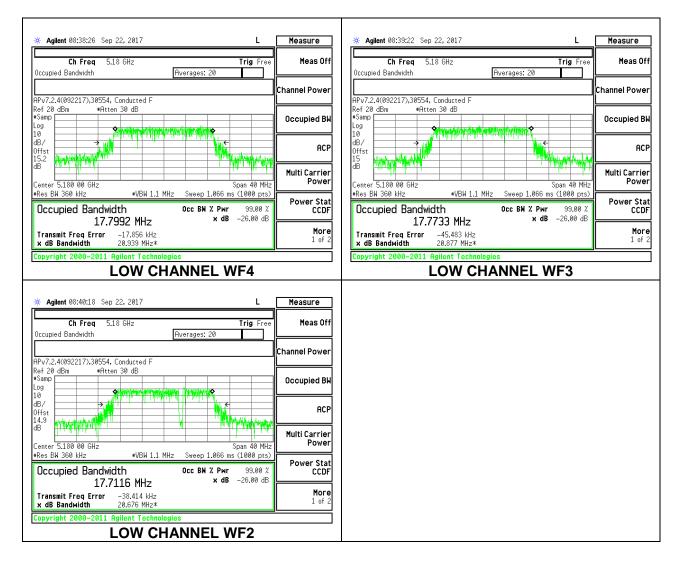


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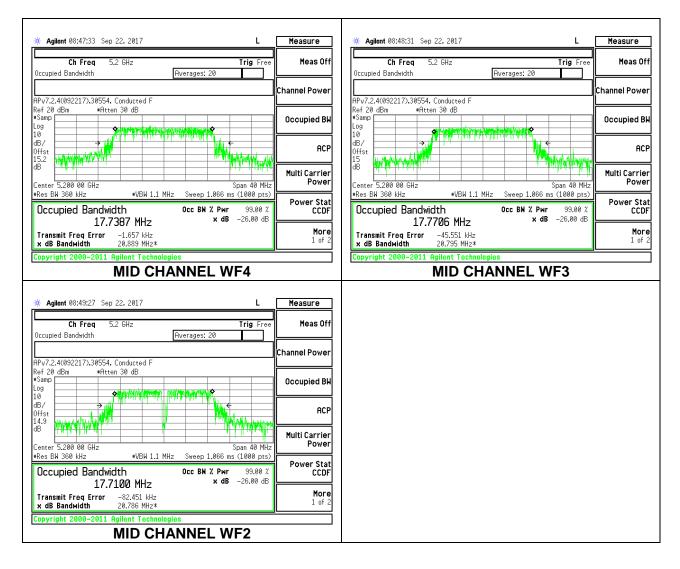
3TX Antenna WF4 + Antenna WF3 + Antenna WF2 SDM Mode

Channel	Frequency	99% Bandwidth	99% Bandwidth	99% Bandwidth
		WF4	WF3	WF2
	(MHz)	(MHz)	(MHz)	(MHz)
Low	5180	17.799	17.773	17.712
Mid	5200	17.739	17.771	17.710
High	5240	17.686	17.800	17.744

LOW CHANNEL

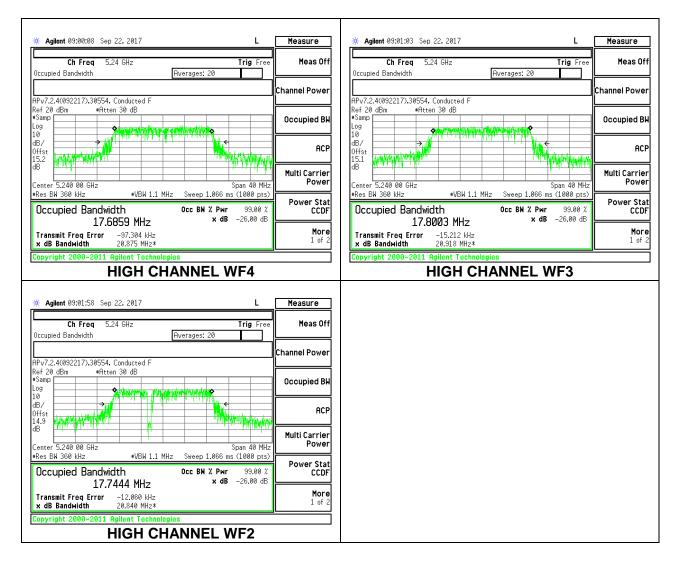


MID CHANNEL



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HIGH CHANNEL

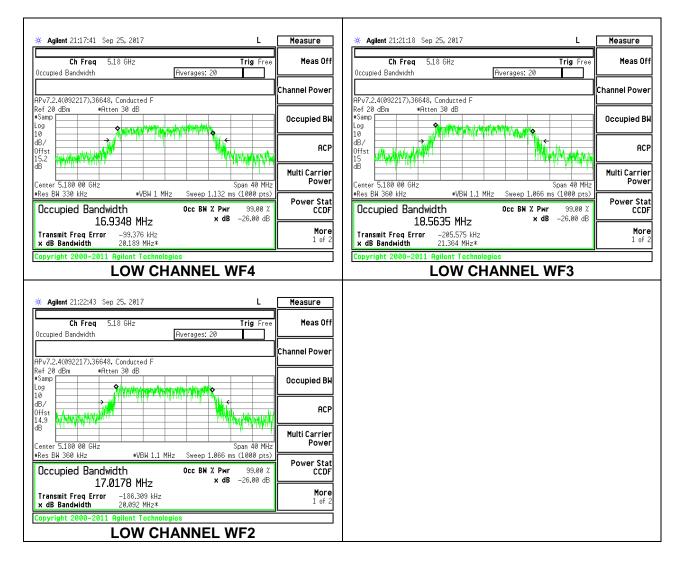


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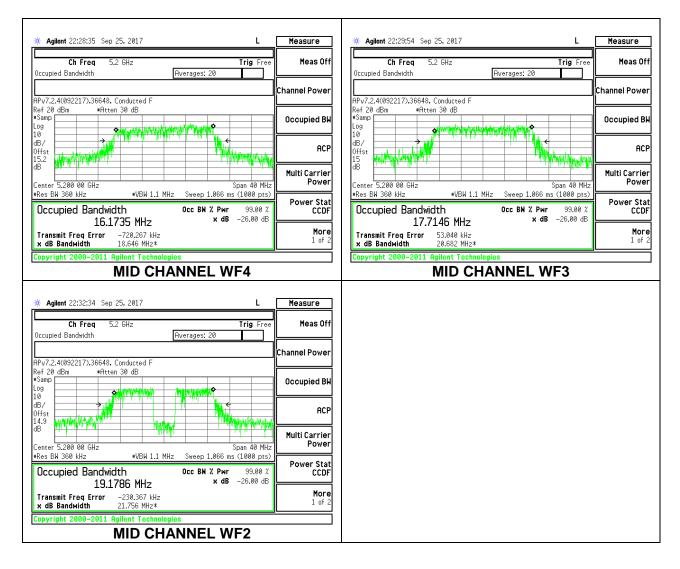
3TX Antenna WF4 + Antenna WF3 + Antenna WF2 BF Mode

Channel	Frequency	99% Bandwidth	99% Bandwidth	99% Bandwidth
		WF4	WF3	WF2
	(MHz)	(MHz)	(MHz)	(MHz)
Low	5180	16.935	18.564	17.018
Mid	5200	16.174	17.715	19.179
High	5240	17.560	16.974	17.435

LOW CHANNEL

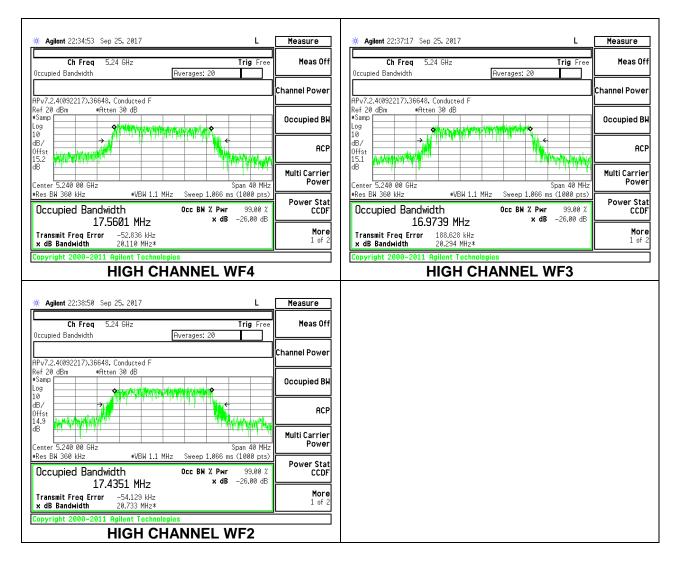


MID CHANNEL



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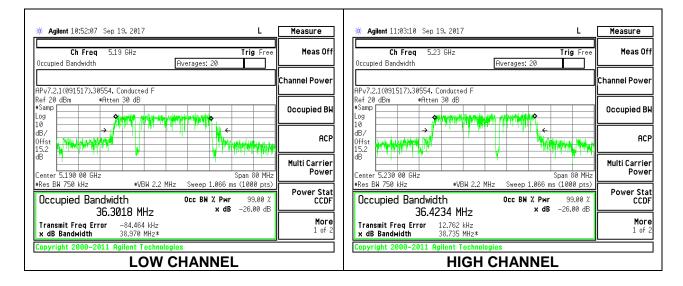
HIGH CHANNEL



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1TX Antenna WF4

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5190	36.302
High	5230	36.423



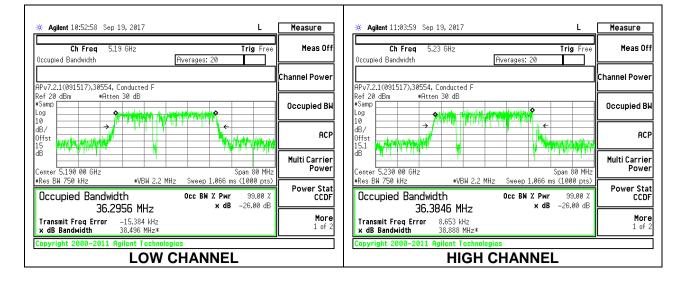
Page 346 of 1879 **UL VERIFICATION SERVICES INC.** FORM NO: CCSUP4701J FAX: (510) 661-0888

47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 771-1000 This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.

DATE: 12/7/2017
MODEL: A1862

1TX Antenna WF3

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5190	36.296
High	5230	36.385

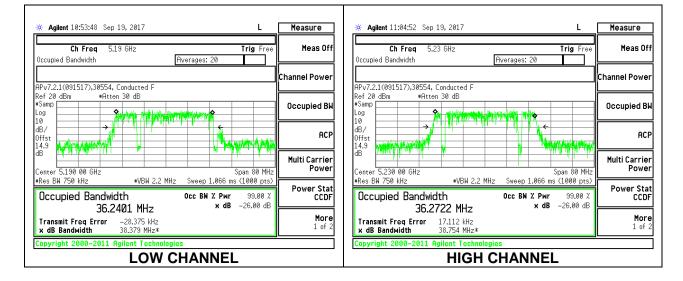


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DATE: 12/7/2017
MODEL: A1862

1TX Antenna WF2

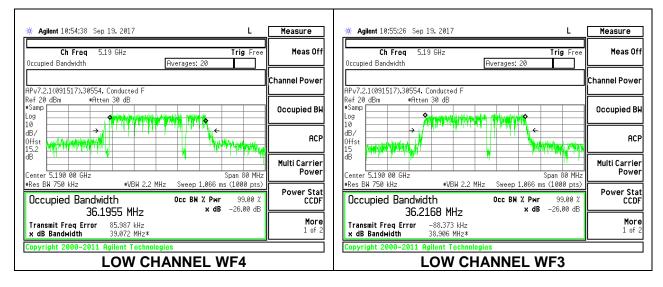
Channel	Frequency	99% Bandwidth	
	(MHz) (MHz)		
Low	5190	36.240	
High	5230	36.272	



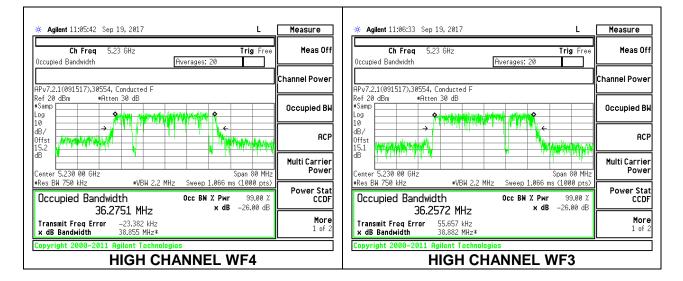
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<u> </u>	Antenna	VVF4 +	Antenna	WF3	CDD	woae

Channel Frequency		99% Bandwidth	99% Bandwidth
		WF4	WF3
	(MHz)	(MHz)	(MHz)
Low	5190	36.196	36.217
High	5230	36.275	36.257



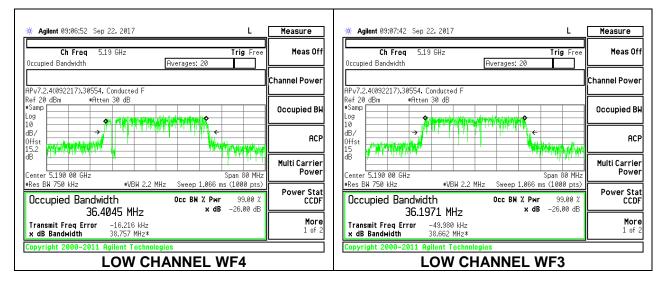
HIGH CHANNEL



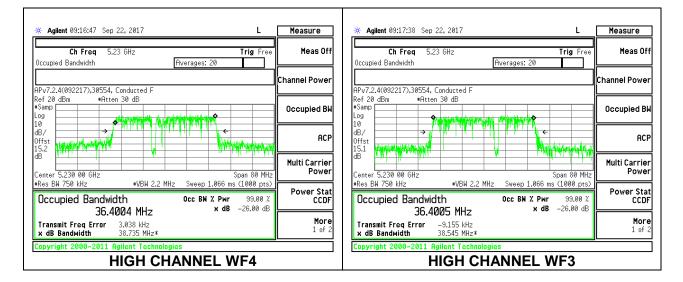
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2TX Antenna WF4 + Antenna WF3 SDM Mo	<u>de</u>

Channel Frequency		Frequency	99% Bandwidth	99% Bandwidth	
			WF4	WF3	
		(MHz)	(MHz)	(MHz)	
Lov	w	5190	36.405	36.197	
Hig	gh	5230	36.400	36.401	

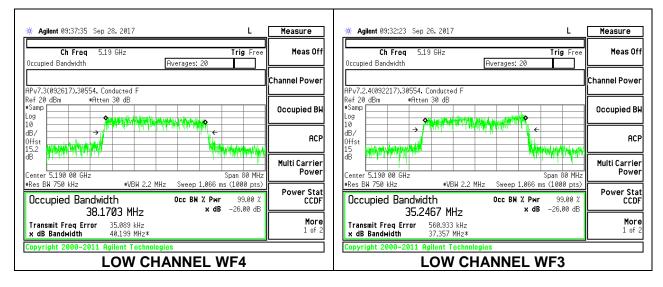


HIGH CHANNEL

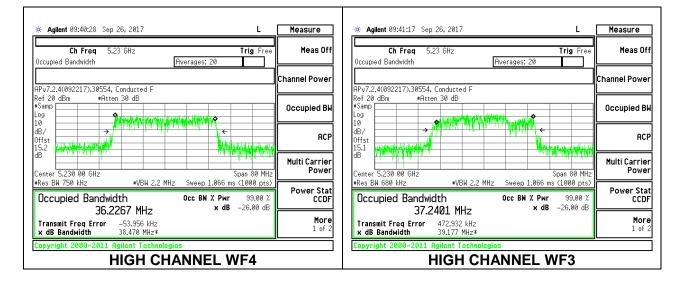


2TX Antenna	WF4 + Antenna	WF3 BF Mode

Channel Frequen		99% Bandwidth	99% Bandwidth
		WF4	WF3
	(MHz)	(MHz)	(MHz)
Low	5190	38.170	35.247
High	5230	36.227	37.240

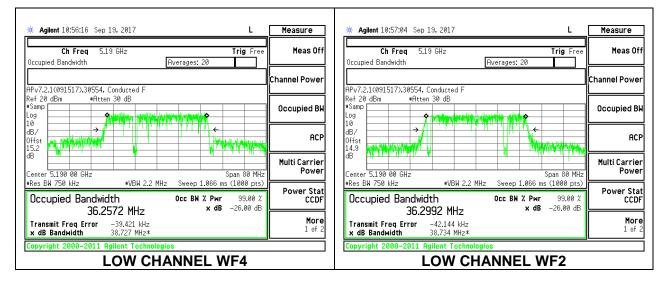


HIGH CHANNEL

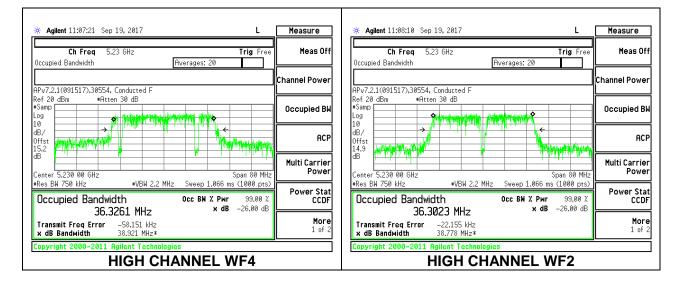


2TX Antenna	WF4 + /	Antenna	WF2	CDD Mode	

Channel Frequency		99% Bandwidth	99% Bandwidth
		WF4	WF2
	(MHz)	(MHz)	(MHz)
Low	5190	36.257	36.299
High	5230	36.326	36.302

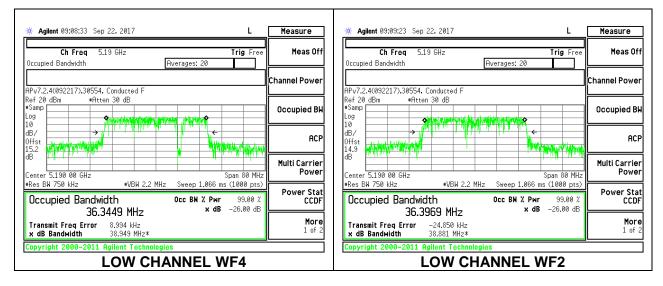


HIGH CHANNEL

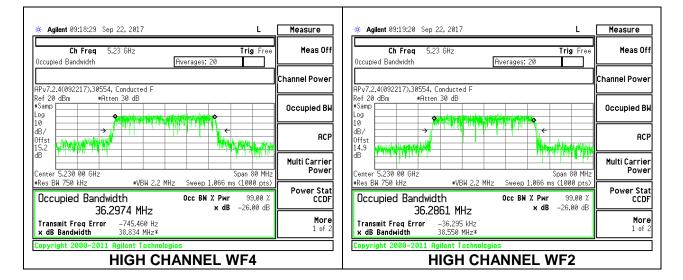


2TX Antenna WF4 + Antenna WF2 SDM M	<u>Node</u>

Channel Frequency		99% Bandwidth	99% Bandwidth
		WF4	WF2
	(MHz)	(MHz)	(MHz)
Low	5190	36.3450	36.3970
High	5230	36.2970	36.2860

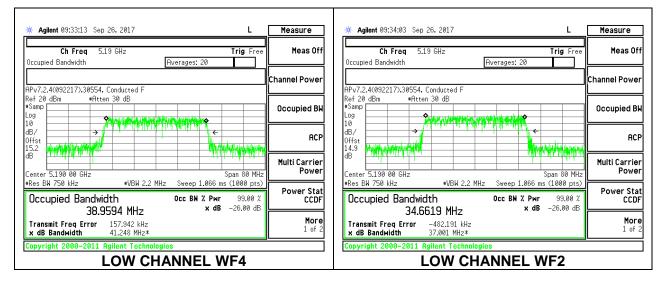


HIGH CHANNEL

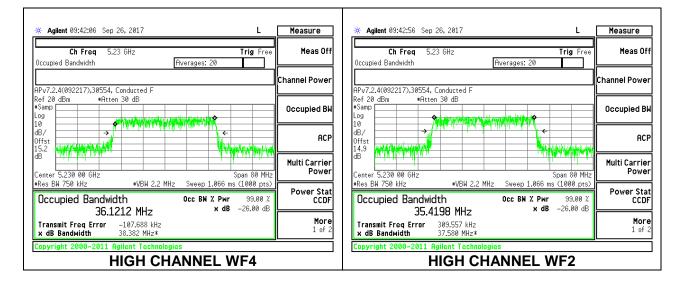


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Channel Frequency		99% Bandwidth	99% Bandwidth
		WF4	WF2
	(MHz)	(MHz)	(MHz)
Low	5190	38.9590	34.6620
High	5230	36.1210	35.4200



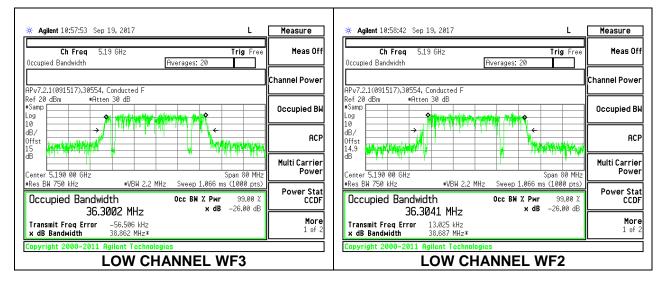
HIGH CHANNEL



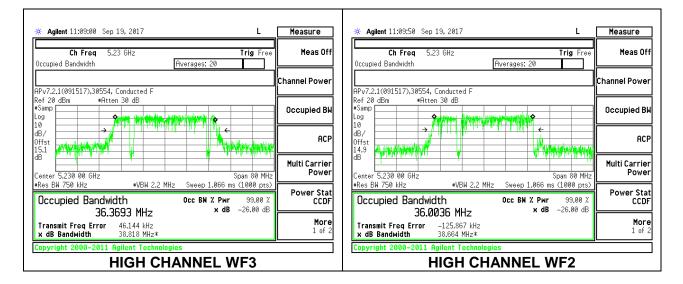
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2TX Antenna	<u>WF3 + Antenna</u>	WF2 CDD Mode

Channel Frequency		99% Bandwidth	99% Bandwidth
		WF3	WF2
	(MHz)	(MHz)	(MHz)
Low	5190	36.3000	36.3040
High	5230	36.3690	36.0040

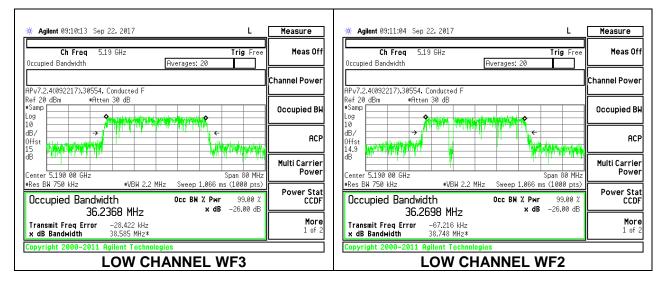


HIGH CHANNEL

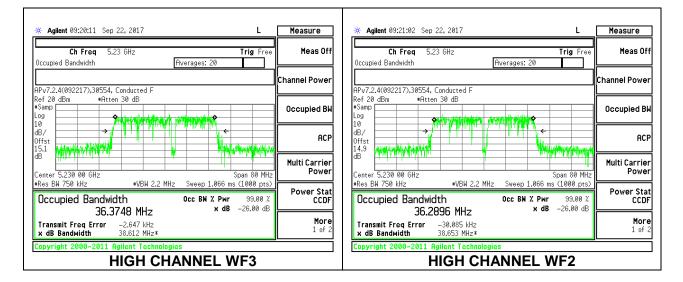


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Channel Frequency		99% Bandwidth	99% Bandwidth
		WF3	WF2
	(MHz)	(MHz)	(MHz)
Low	5190	36.2370	36.2700
High	5230	36.3750	36.2900

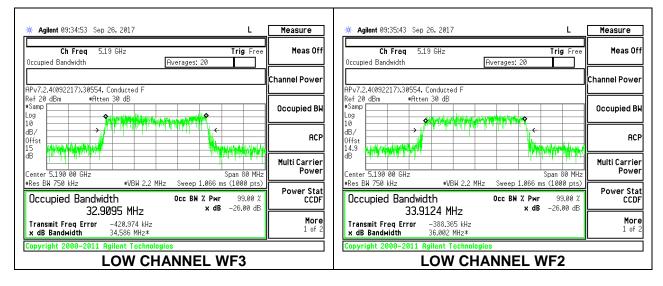


HIGH CHANNEL

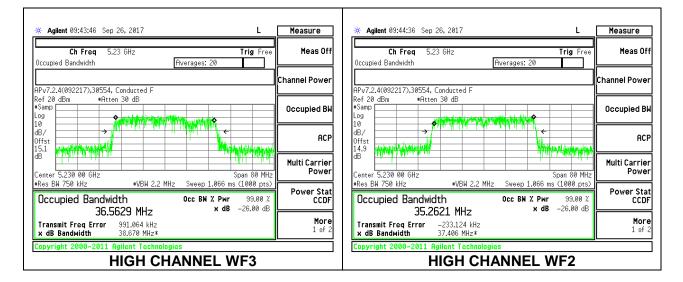


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C	Channel Frequency		99% Bandwidth	99% Bandwidth
			WF3	WF2
		(MHz)	(MHz)	(MHz)
	Low	5190	32.9100	33.9120
	High	5230	36.5630	35.2620



HIGH CHANNEL

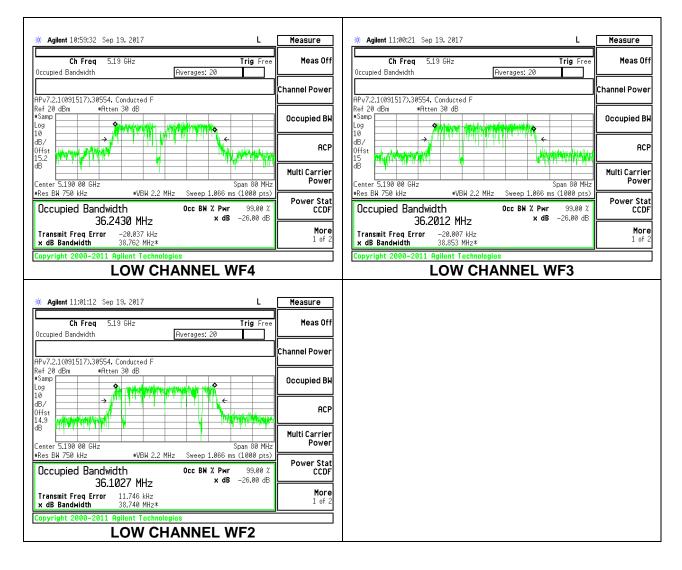


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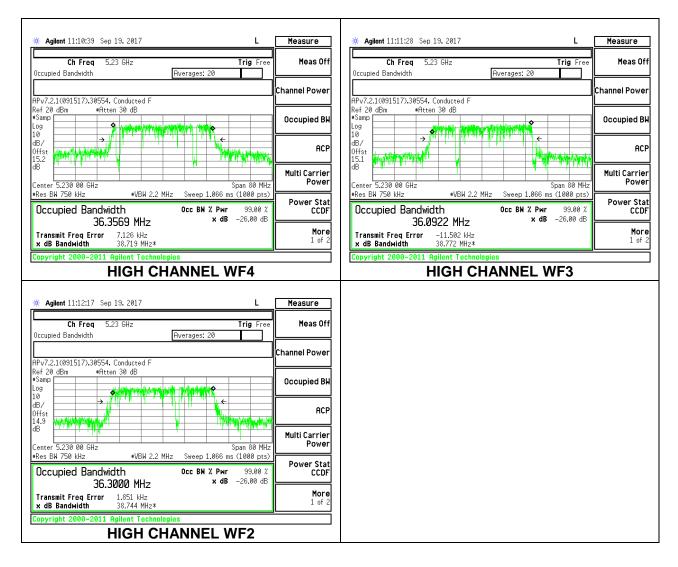
3TX Antenna WF4 + Antenna WF3 + Antenna WF2 CDD Mode

Channel	Frequency	99% Bandwidth	99% Bandwidth	99% Bandwidth
		WF4	WF3	WF2
	(MHz)	(MHz)	(MHz)	(MHz)
Low	5190	36.2430	36.2010	36.1030
High	5230	36.3570	36.0920	36.3000

LOW CHANNEL



HIGH CHANNEL

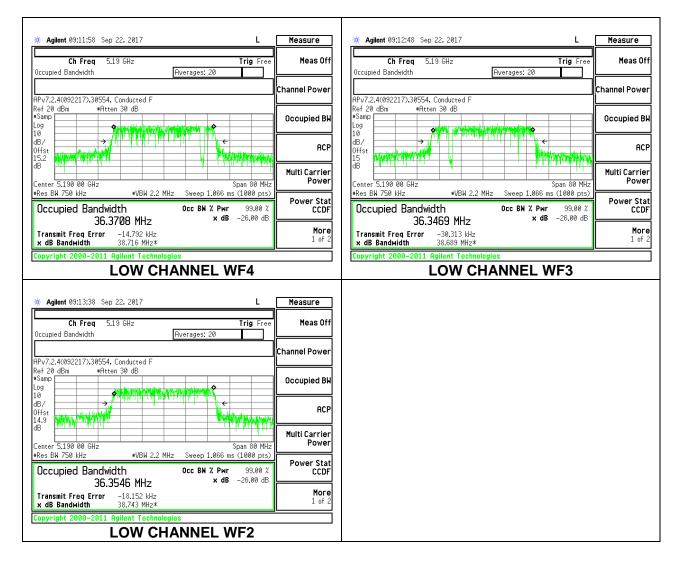


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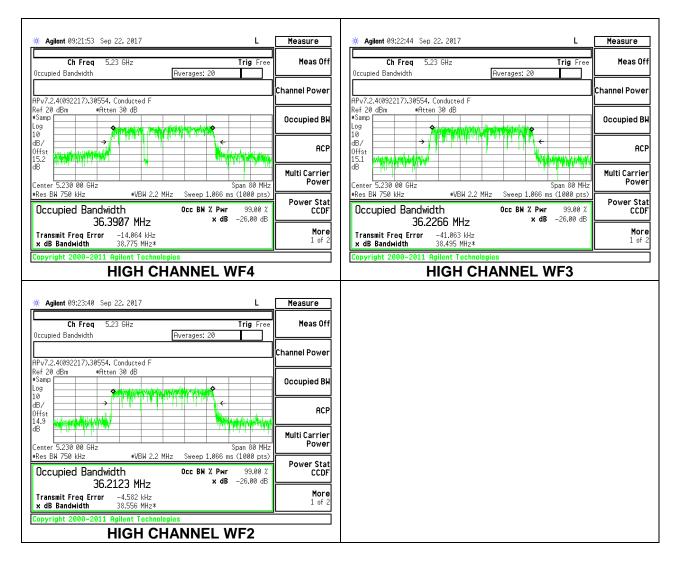
3TX Antenna WF4 + Antenna WF3 + Antenna WF2 SDM Mode

Channel	Frequency	99% Bandwidth	99% Bandwidth	99% Bandwidth
		WF4	WF3	WF2
	(MHz)	(MHz)	(MHz)	(MHz)
Low	5190	36.3710	36.3470	36.3550
High	5230	36.3910	36.2270	36.2120

LOW CHANNEL



HIGH CHANNEL

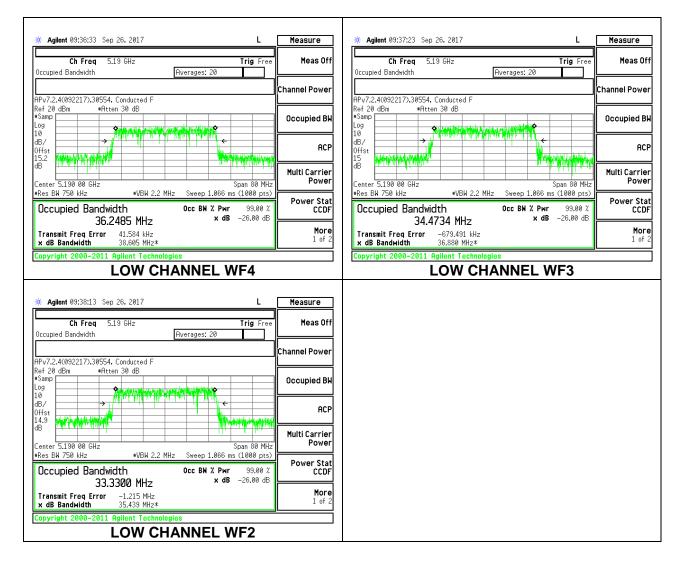


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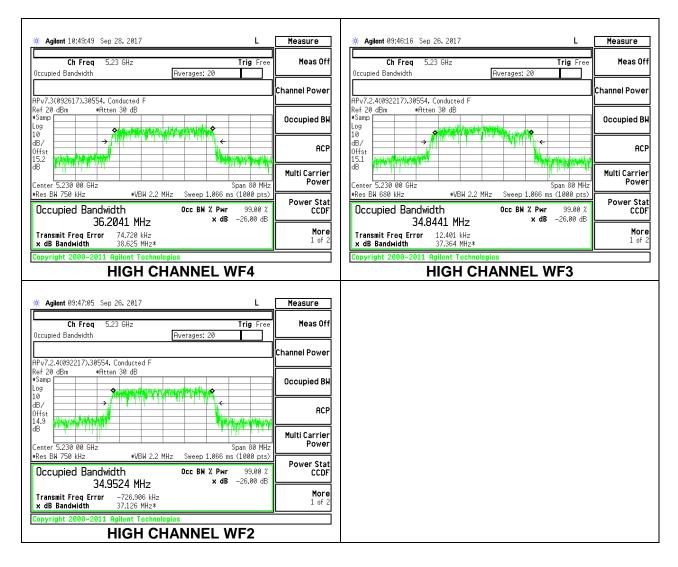
3TX Antenna WF4 + Antenna WF3 + Antenna WF2 BF Mode

Channel	Frequency	99% Bandwidth	99% Bandwidth	99% Bandwidth
		WF4	WF3	WF2
	(MHz)	(MHz)	(MHz)	(MHz)
Low	5190	36.2480	34.4730	33.3300
High	5230	34.6980	34.8440	34.9520

LOW CHANNEL



HIGH CHANNEL



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4.3.3. 802.11ac VHT80 MODE IN THE 5.2 GHz BAND

1TX Antenna WF4

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5210	75.658

* Agilent 09:49:39 Sep 21, 2017 L	Measure
Ch Freq 5.21 GHz Trig Fre Occupied Bandwidth Averages: 20	Meas Off
APv7.2.2(091917).30554. Conducted F	Channel Power
Ref 20 dBm +Atten 30 dB +Samp	Occupied BW
db/ → 0 production of parameters of the second of the sec	ACP
Center 5.210 00 GHz •VBW 5 MHz Sweep 1.066 ms (1000 pt)	
Occupied Bandwidth Occ BM Z PMr 99.00 / 408 - 26.00 dt 75.6582 MHz × 48 - 26.00 dt	Power Stat
Transmit Freq Error 66.055 kHz x dB Bandwidth 79.619 MHz*	More 1 of 2
Copyright 2000-2011 Agilent Technologies MID CHANNEL	

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Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid	5210	75.7600

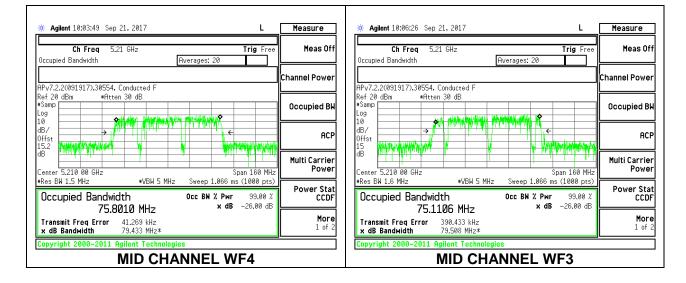
* Agilent 09:51:17 Sep	21,2017		L	Measure
Ch Freq 5.2 Occupied Bandwidth	21 GHz	Averages: 20	Trig Free	Meas Of
APv7.2.2(091917),30554,	Conducto d E			Channel Powe
	n 30 dB			Occupied B
dB/ →			-	AC
Center 5.210 00 GHz			Span 160 MHz	Multi Carrie Powe
*Res BW 1.5 MHz Occupied Bandwid 75 7	*VBW 5 MH 1th 596 MHz	Occ BW % P	ims (1000 pts) ⊲r 99.00 % MB –26.00 dB	Power Sta CCD
Transmit Freq Error	66.215 kHz 79.533 MHz*			Mor 1 of
Copyright 2000-2011 A	-	^{gies} HANNE	-	

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Mid 5210		75.4200

Agilent 10:01:34 Sep 3	21,2017			Measure
Ch Freq 5.2. Occupied Bandwidth	L GHz	Averages: 20	Trig Free	Meas Of
	•			Channel Powe
APv7.2.2(091917),30554, (Ref 20 dBm #Atten *Samp Log 10	onducted F 30 dB			Occupied Bl
dB/ Offst 14.9 B			the state of the s	ACI
Center 5.210 00 GHz *Res BW 1.5 MHz			pan 160 MHz	Multi Carrie Powe
Occupied Bandwid	*VBW 5 MHz th .96 MHz	Occ BW % Pwr		Power Sta CCD
Transmit Freq Error	168.542 kHz 79.329 MHz*			Mor 1 of
Copyright 2000-2011 A	ilent Technologia	s		

2TX Antenna V	VF4 + Antenna	WF3 CDD Mode

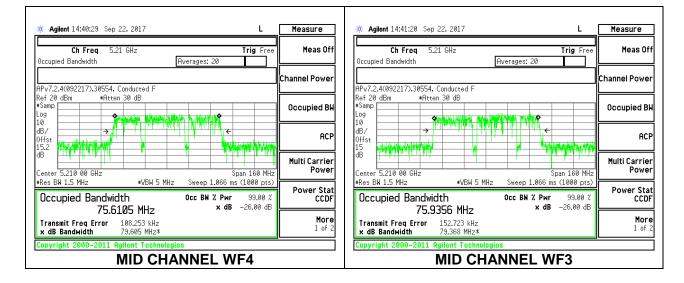
Channel Frequency		99% Bandwidth	99% Bandwidth
		WF4	WF3
	(MHz)	(MHz)	(MHz)
Mid	5210	75.8010	75.1110



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21 X	Antenna	WF4 +	Antenna	WF3	SDM	Mode	

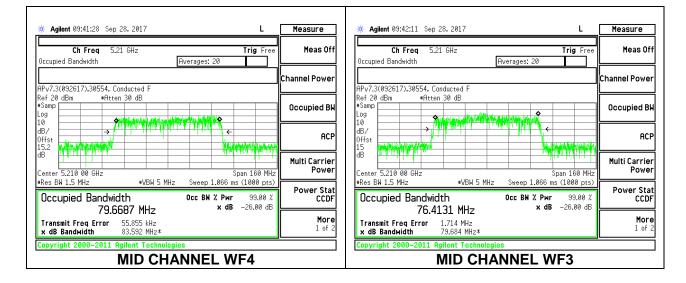
Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF4	WF3
	(MHz)	(MHz)	(MHz)
Mid	5210	75.6100	75.9360



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2T X	Antenna	WF4 +	Antenna	WF3	BF	Mode

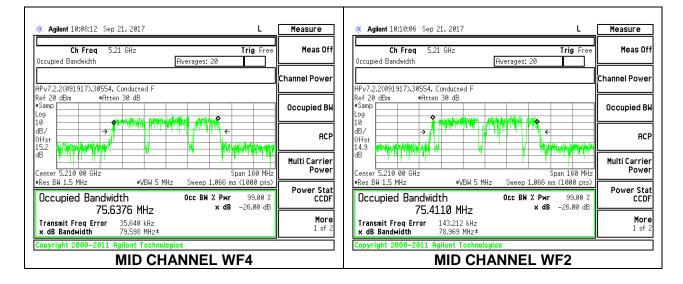
Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF4	WF3
	(MHz)	(MHz)	(MHz)
Mid	5210	67.4340	69.3150



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2TX Antenna WF4 + Antenna WF2 CDD Mo	de

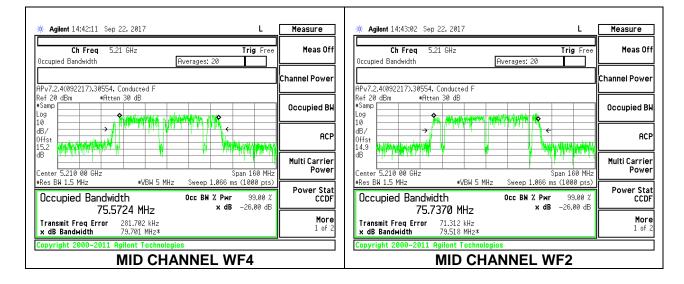
Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF4	WF2
	(MHz)	(MHz)	(MHz)
Mid	5210	75.6380	75.4110



Page 370 of 1879

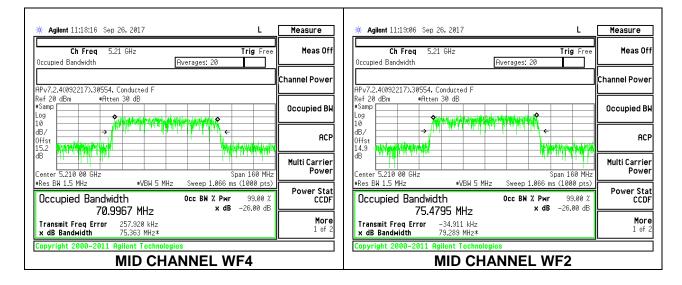
2TX	Antenna	WF4 +	Antenna	WF2 SDM	Mode

Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF4	WF2
	(MHz)	(MHz)	(MHz)
Mid	5210	75.5720	75.7370



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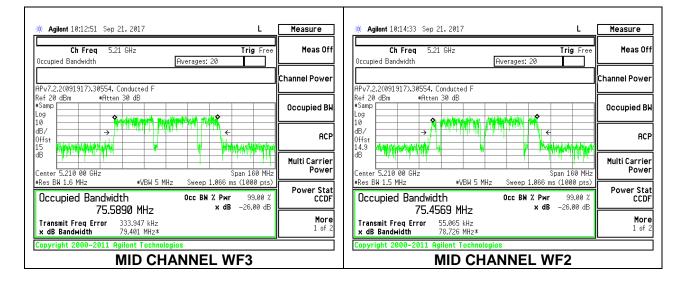
Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF4	WF2
	(MHz)	(MHz)	(MHz)
Mid	5210	70.9970	75.4800



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2TX	Antenna	WF3 +	Antenna	WF2	CDD M	ode

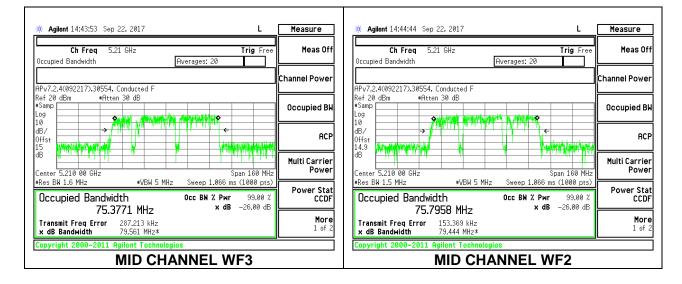
Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF3	WF2
	(MHz)	(MHz)	(MHz)
Mid	5210	75.5890	75.4570



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Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF3	WF2

		WF3	WF2
	(MHz)	(MHz)	(MHz)
Mid	5210	75.3770	75.7960

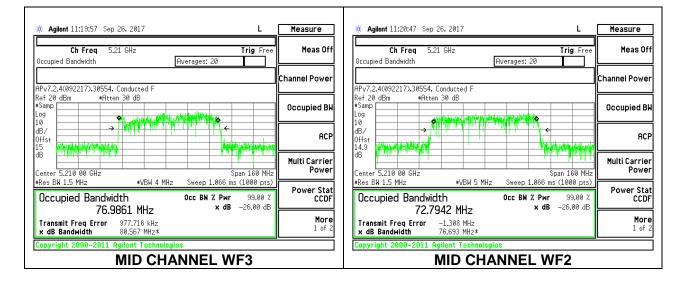


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2TX Antenna WF3 + Antenna WF2 BF Mode

Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF3	WF2
	(MHz)	(MHz)	(MHz)
Mid	5210	76.9860	72.7940

MID CHANNEL



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

Channel	Frequency	99% Bandwidth	99% Bandwidth	99% Bandwidth	
	WF4		WF3	WF2	
	(MHz)	(MHz)	(MHz)	(MHz)	
Mid	5210	75.8170	75.9250	75.3520	

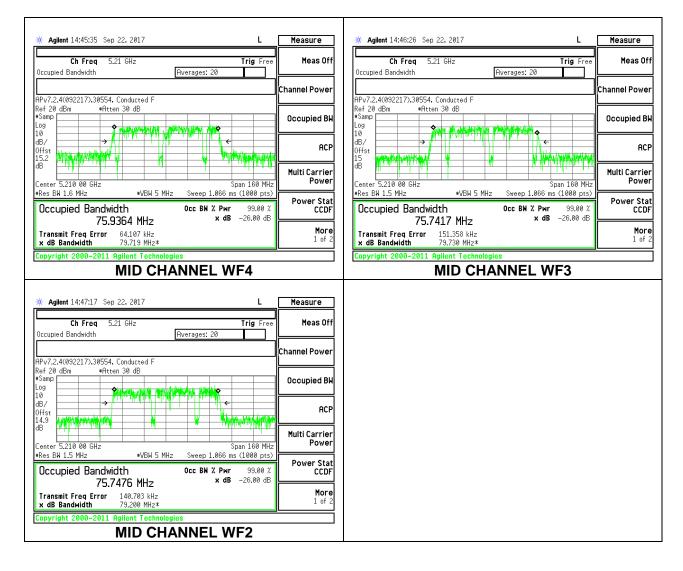
MID CHANNEL



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

Channel	Frequency	99% Bandwidth	99% Bandwidth	99% Bandwidth	
	WF4		WF3	WF2	
	(MHz)	(MHz)	(MHz)	(MHz)	
Mid	5210	75.9360	75.7420	75.7480	

MID CHANNEL

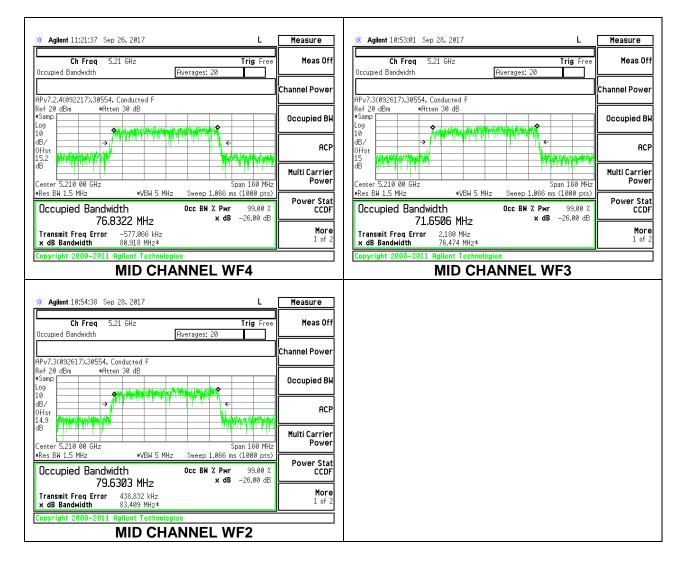


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3TX Antenna WF4 + Antenna WF3 + Antenna WF2 BF Mode

Channel	Frequency	99% Bandwidth	99% Bandwidth	99% Bandwidth	
		WF4	WF3	WF2	
	(MHz)	(MHz)	(MHz)	(MHz)	
Mid	5210	76.8320	74.1870	74.9680	

MID CHANNEL

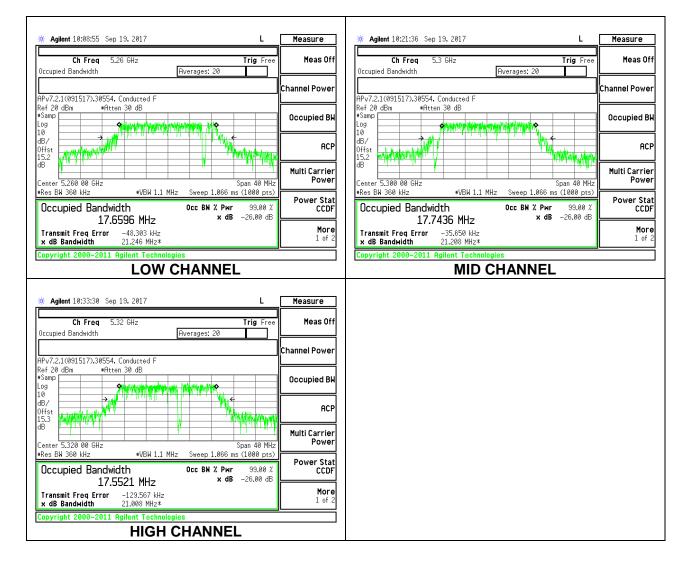


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4.3.4. 802.11n HT20 MODE IN THE 5.3 GHz BAND

1TX Antenna WF4

Ch	annel	Frequency	99% Bandwidth
		(MHz)	(MHz)
L	_ow	5260	17.6600
1	Mid	5300	17.7440
ŀ	ligh	5320	17.5520



REPORT NO: 11934192-E2V3 FCC ID: BCGA1862 1TX Antenna WF3

DATE: 12/7/2017
MODEL: A1862

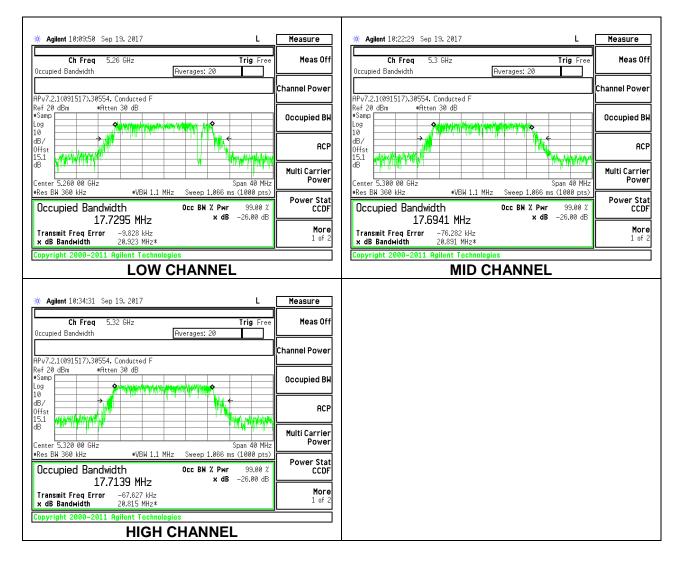
 Channel
 Frequency
 99% Bandwidth

 (MHz)
 (MHz)

 Low
 5260
 17.7300

 Mid
 5300
 17.6940

 High
 5320
 17.7140



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REPORT NO: 11934192-E2V3 FCC ID: BCGA1862 1TX Antenna WF2

DATE: 12/7/2017
MODEL: A1862

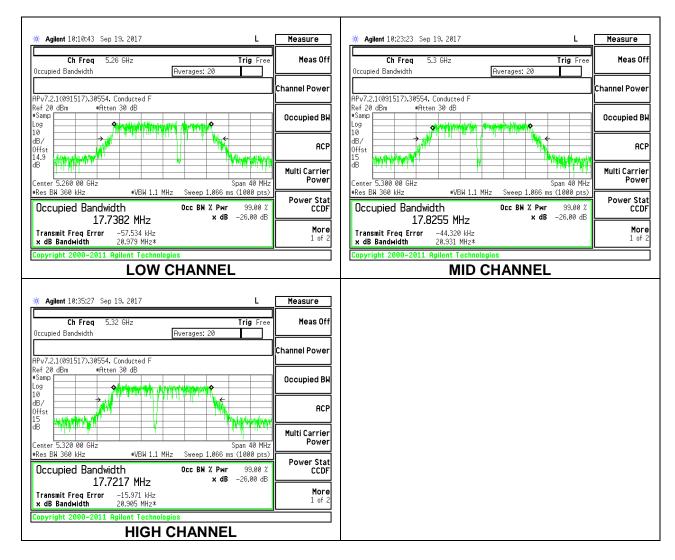
 Channel
 Frequency
 99% Bandwidth

 (MHz)
 (MHz)

 Low
 5260
 17.7380

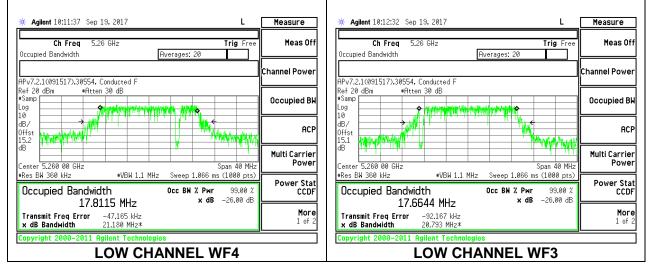
 Mid
 5300
 17.8250

 High
 5320
 17.7220

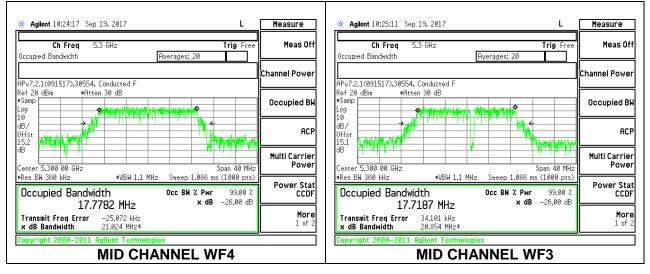


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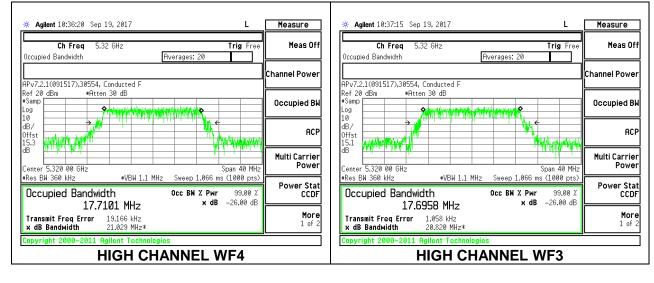
Channel Frequency		99% Bandwidth	99% Bandwidth
		WF4	WF3
	(MHz)	(MHz)	(MHz)
Low	5260	17.8115	17.6644
Mid	5300	17.7782	17.7187
High	5320	17.7101	17.6958



MID CHANNEL



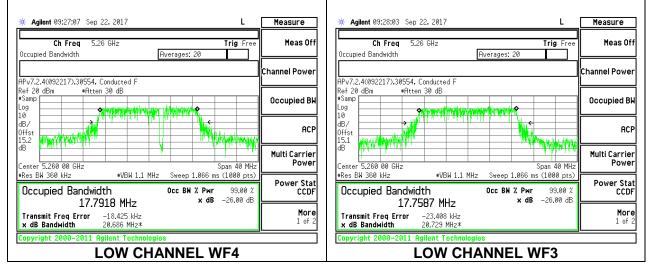
HIGH CHANNEL



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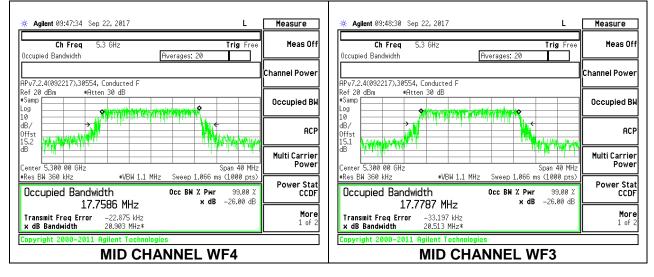
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Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF4	WF3
	(MHz)	(MHz)	(MHz)
Low	5260	17.7918	17.7587
Mid	5300	17.7586	17.7787
High	5320	17.7859	17.7767

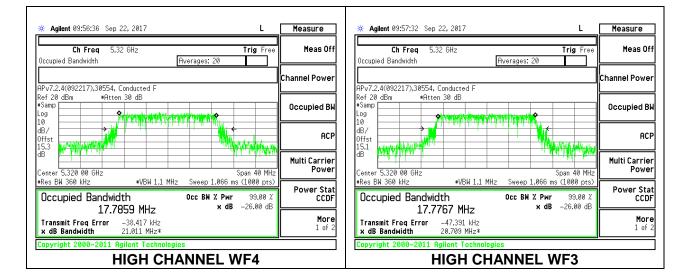


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MID CHANNEL



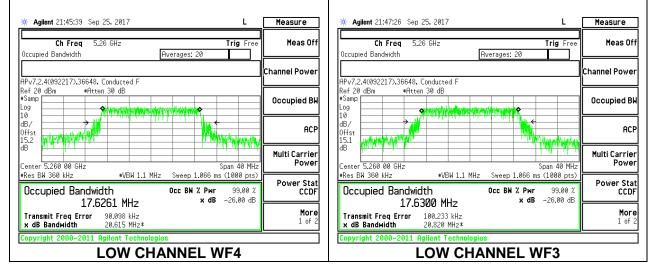
HIGH CHANNEL



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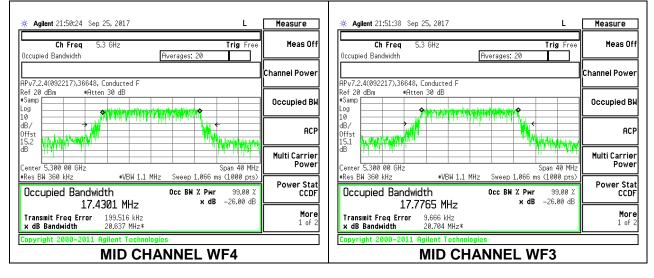
2TX Antenna	<u>WF4 + Antenna</u>	WF3 BF Mode

Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF4	WF3
	(MHz)	(MHz)	(MHz)
Low	5260	17.6260	17.6300
Mid	5300	17.4300	17.7760
High	5320	17.7754	16.4117

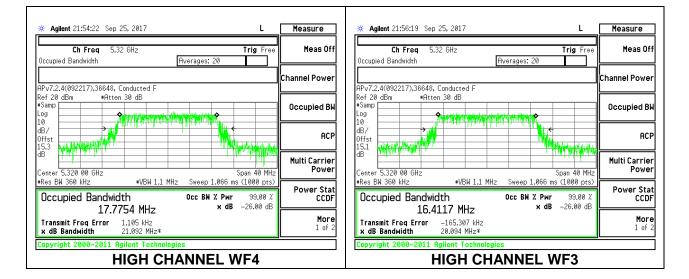


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MID CHANNEL



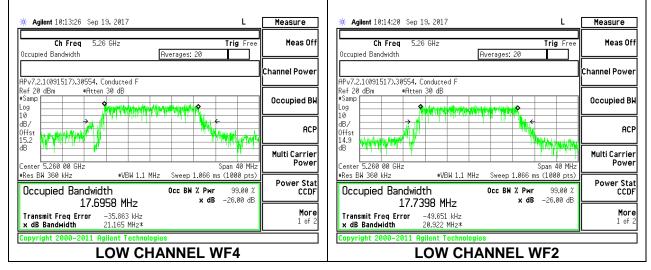
HIGH CHANNEL



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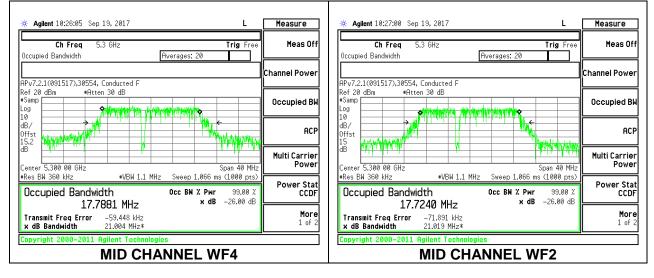
21 X Antenna	WF4 + /	Antenna	WF2	CDD	Mode	

Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF4	WF2
	(MHz)	(MHz)	(MHz)
Low	5260	17.6958	17.7398
Mid	5300	17.7881	17.7240
High	5320	17.8050	17.7733

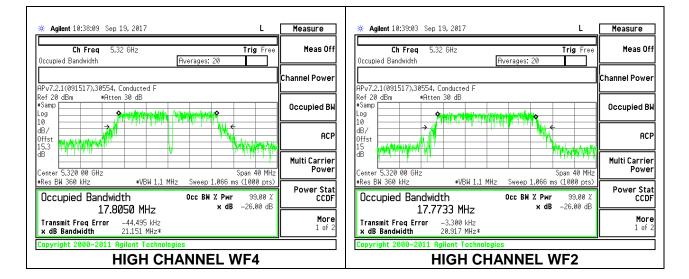


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MID CHANNEL



HIGH CHANNEL

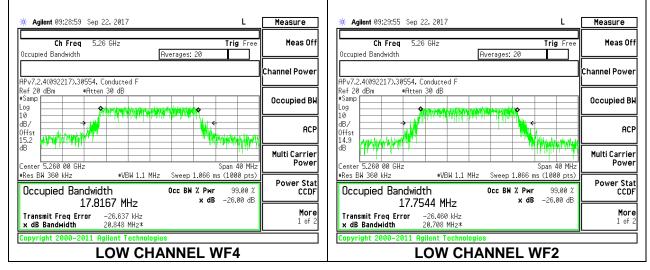


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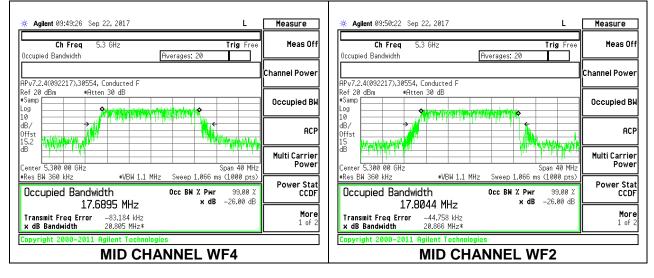
2TX Antenna WF4 + Antenna WF2 SDM M	<u>ode</u>

Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF4	WF2
	(MHz)	(MHz)	(MHz)
Low	5260	17.8170	17.7540
Mid	5300	17.6890	17.8040
High	5320	17.7300	17.6650

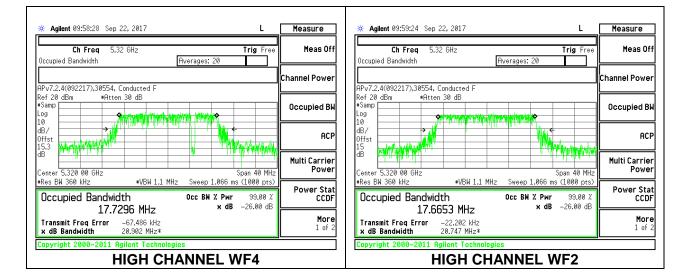


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MID CHANNEL

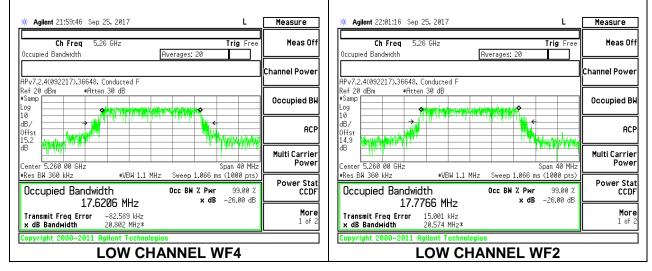


HIGH CHANNEL



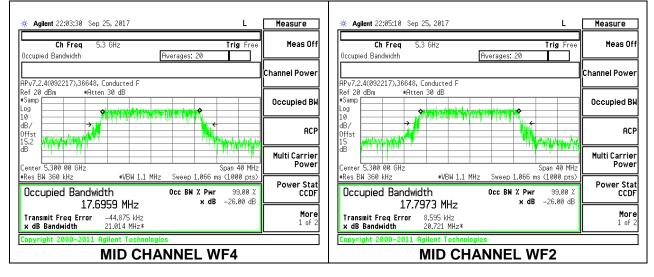
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Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF4	WF2
	(MHz)	(MHz)	(MHz)
Low	5260	17.6210	17.7770
Mid	5300	17.6960	17.7970
High	5320	17.4380	17.6660

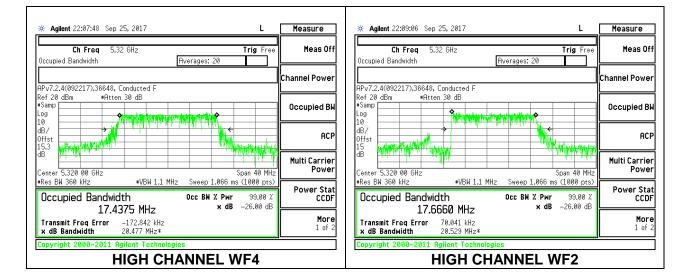


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MID CHANNEL



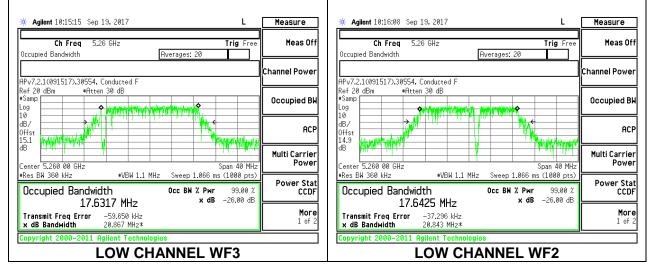
HIGH CHANNEL



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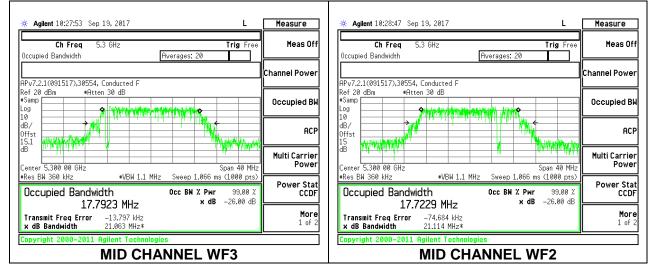
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Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF3	WF2
	(MHz)	(MHz)	(MHz)
Low	5260	17.6320	17.6420
Mid	5300	17.7920	17.7230
High	5320	17.7580	17.7680

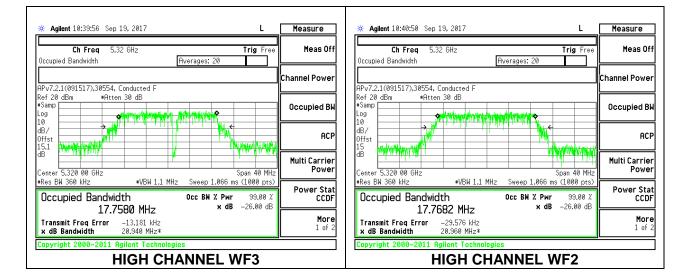


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MID CHANNEL



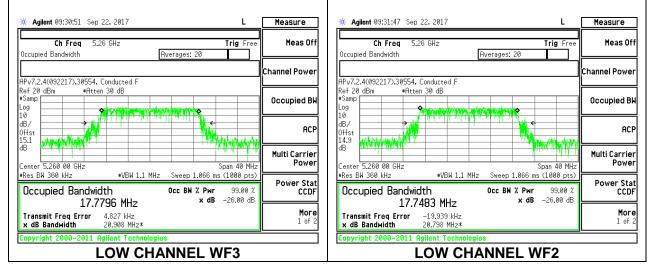
HIGH CHANNEL



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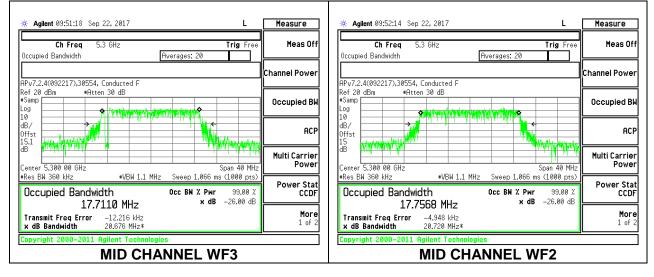
2TX Antenna WF3 + Antenna WF2 SDM	<u>Mode</u>

Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF3	WF2
	(MHz)	(MHz)	(MHz)
Low	5260	17.7800	17.7480
Mid	5300	17.7110	17.7570
High	5320	17.7840	17.7050

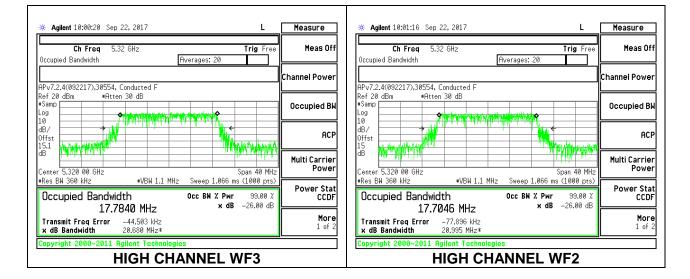


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MID CHANNEL



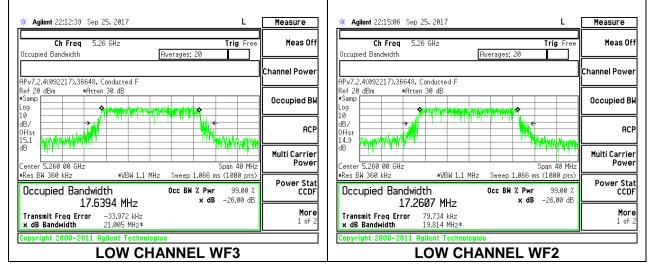
HIGH CHANNEL



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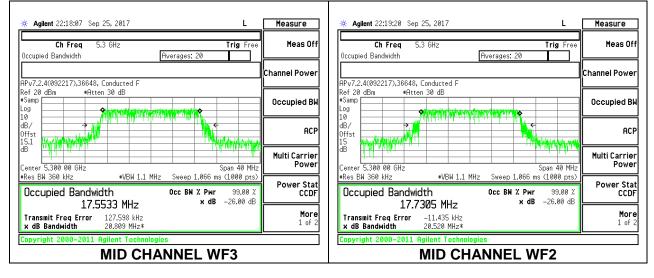
2TX Anten	<u>ina WF3 + A</u>	<u>Intenna WF2</u>	<u>2 BF Mode</u>

Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF3	WF2
	(MHz)	(MHz)	(MHz)
Low	5260	17.6390	17.2610
Mid	5300	17.5530	17.7310
High	5320	17.6760	17.4910

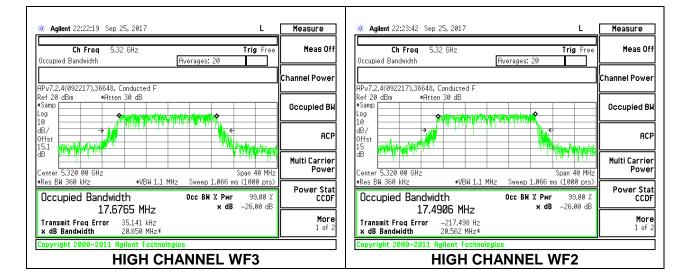


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MID CHANNEL

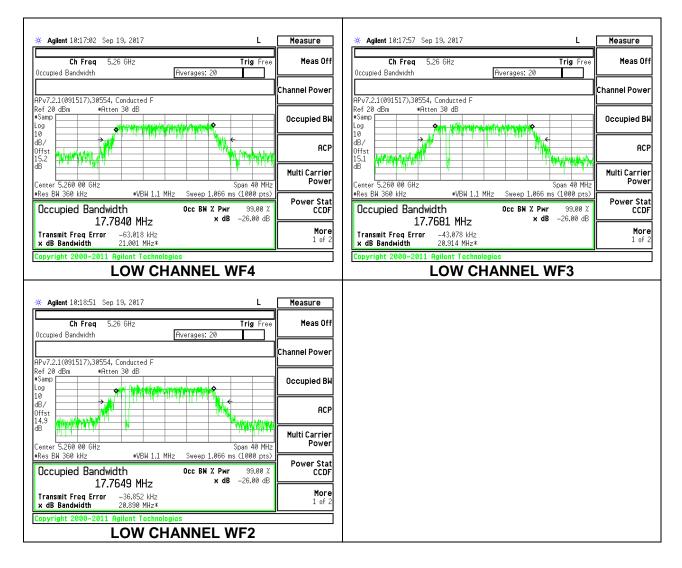


HIGH CHANNEL

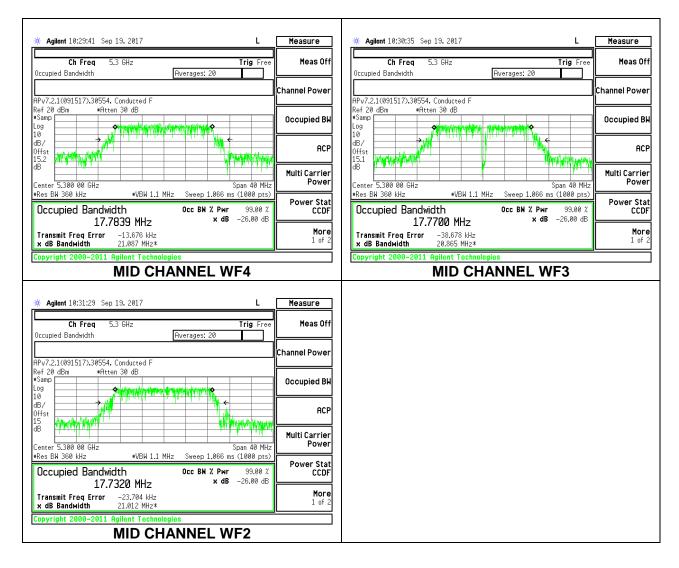


3TX Antenna WF4 + Antenna WF3 + Antenna WF2 CDD Mode

Channel Frequency		99% Bandwidth	99% Bandwidth	99% Bandwidth
		WF4	WF3	WF2
	(MHz)	(MHz)	(MHz)	(MHz)
Low	5260	17.7840	17.7680	17.7650
Mid	5300	17.7840	17.7700	17.7320
High	5320	17.7790	17.7980	17.7880

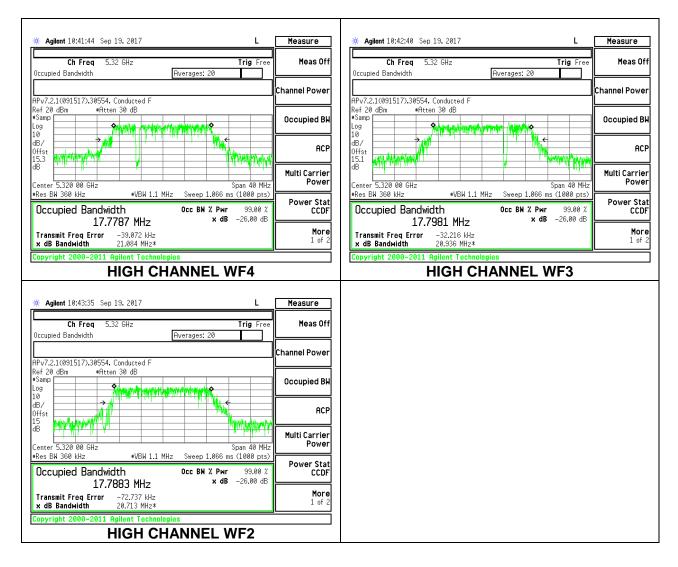


MID CHANNEL



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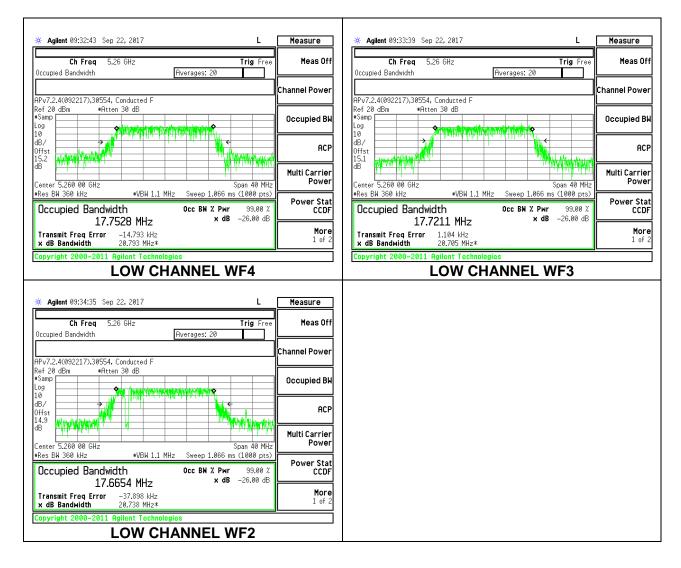
HIGH CHANNEL



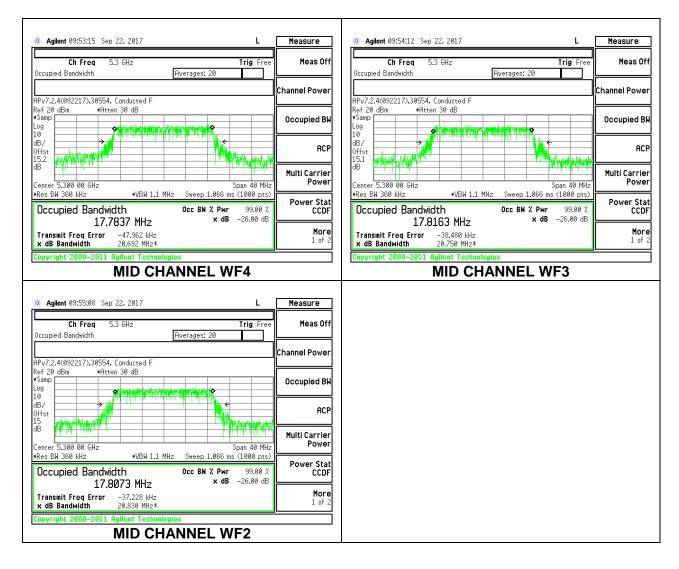
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3TX Antenna WF4 + Antenna WF3 + Antenna WF2 SDM Mode

Channel	Channel Frequency 99%		99% Bandwidth	99% Bandwidth
		WF4	WF3	WF2
	(MHz)	(MHz)	(MHz)	(MHz)
Low	5260	17.7530	17.7210	17.6650
Mid	5300	17.7840	17.8160	17.8070
High	5320	17.6960	17.7980	17.7410

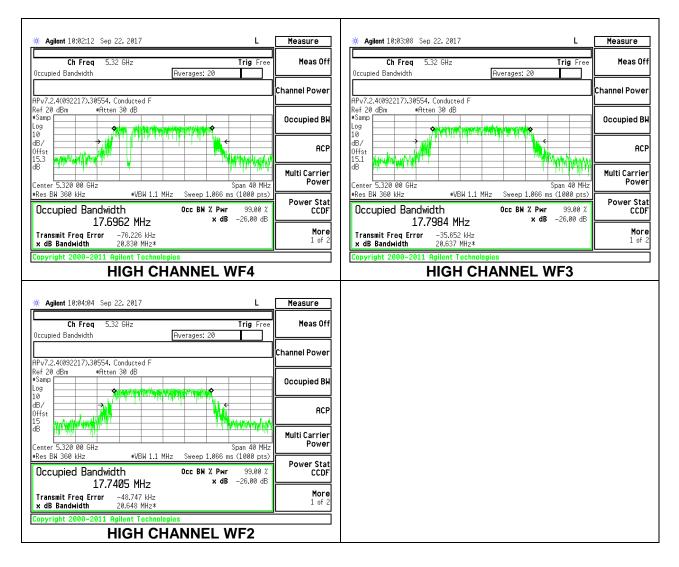


MID CHANNEL



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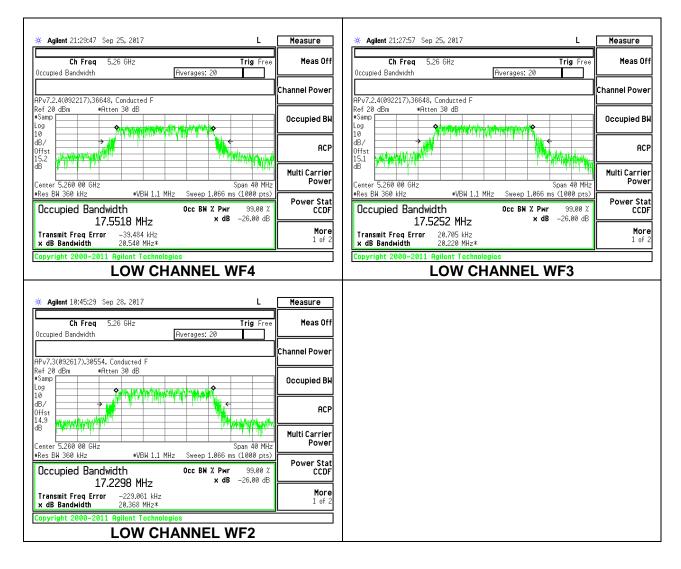
HIGH CHANNEL



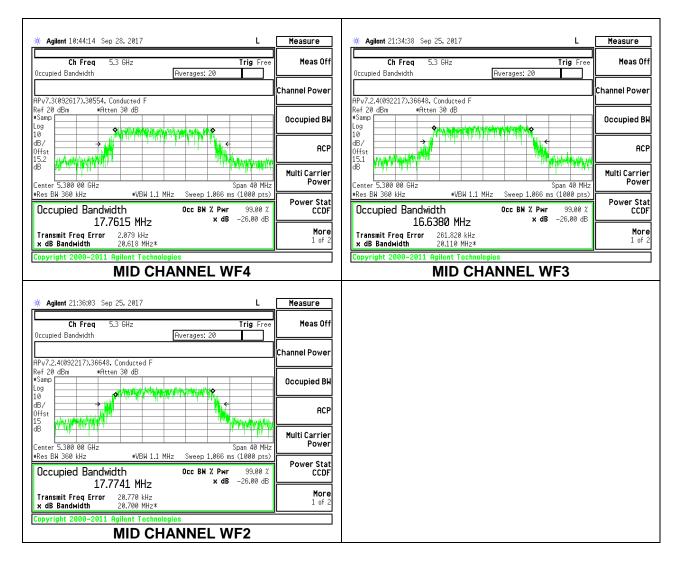
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3TX Antenna WF4 + Antenna WF3 + Antenna WF2 BF Mode

Channel	Frequency	99% Bandwidth WF4	99% Bandwidth WE3	99% Bandwidth WF2
	(MHz)	(MHz)	(MHz)	(MHz)
Low	5260	17.5520	17.5250	17.5530
Mid	5300	16.8940	16.6380	17.7740
High	5320	17.6820	16.6890	16.7970

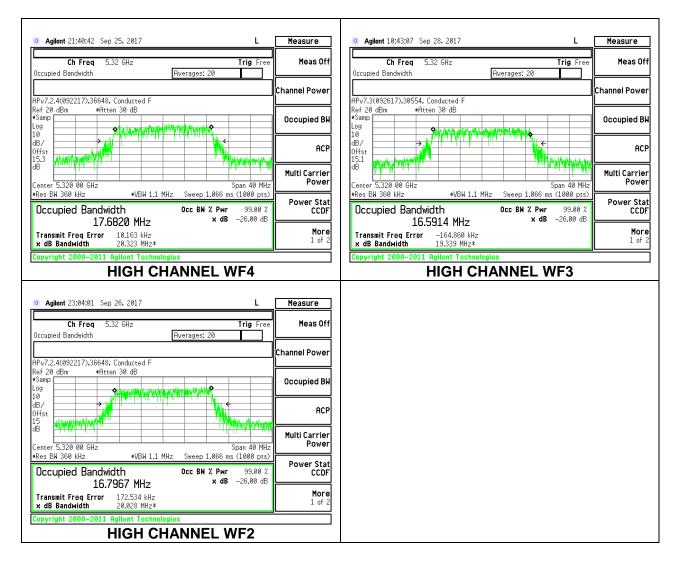


MID CHANNEL



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HIGH CHANNEL

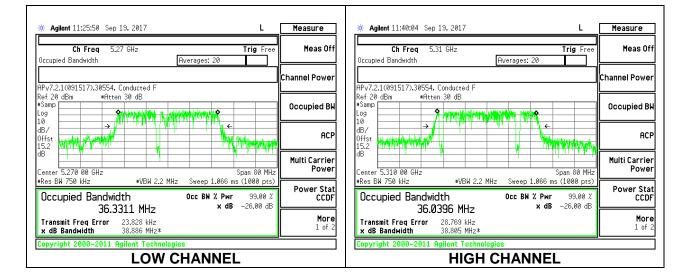


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4.3.5. 802.11n HT40 MODE IN THE 5.3 GHz BAND

1TX Antenna WF4

Channel	Frequency	99% Bandwidth
	(MHz)	(MHz)
Low	5270	36.3311
High	5310	36.0396



DATE: 12/7/2017 MODEL: A1862

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REPORT NO: 11934192-E2V3 FCC ID: BCGA1862 1TX Antenna WF3

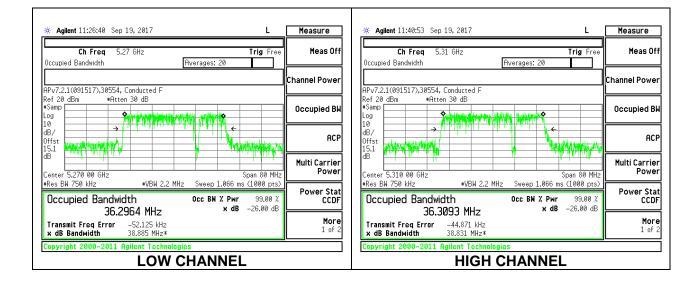
DATE: 12/7/2017
MODEL: A1862

 Channel
 Frequency
 99% Bandwidth

 (MHz)
 (MHz)

 Low
 5270
 36.2960

 High
 5310
 36.3090



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REPORT NO: 11934192-E2V3 FCC ID: BCGA1862 1TX Antenna WF2

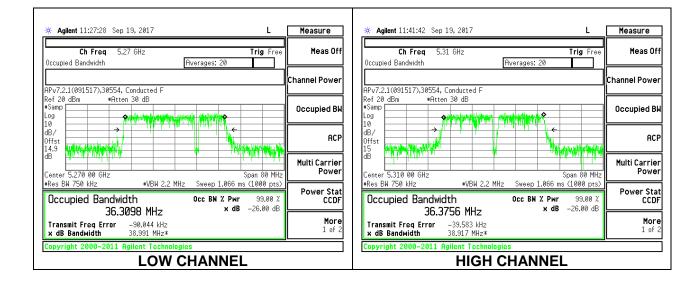
DATE: 12/7/2017
MODEL: A1862

Channel Frequency 99% Bandwidth (MHz) (MHz) Low 5270 36.3100

5310

36.3760

High

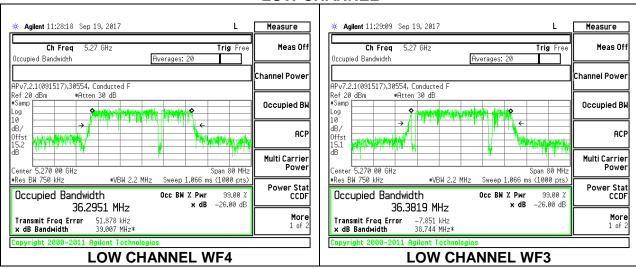


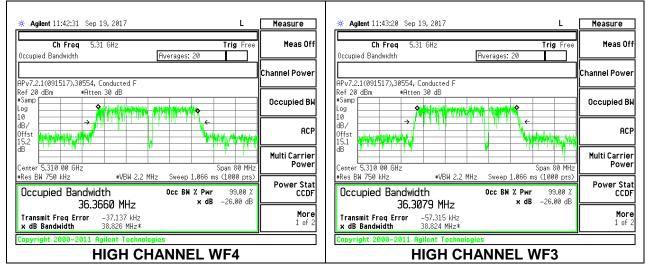
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2TX Antenna WF4	+ Antenna WF3	CDD Mode

Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF4	WF3
	(MHz)	(MHz)	(MHz)
Low	5270	36.2950	36.3820
High	5310	36.3660	36.3080

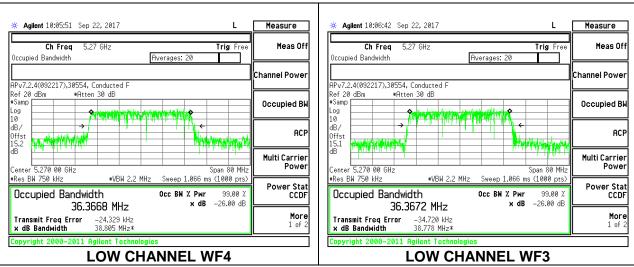




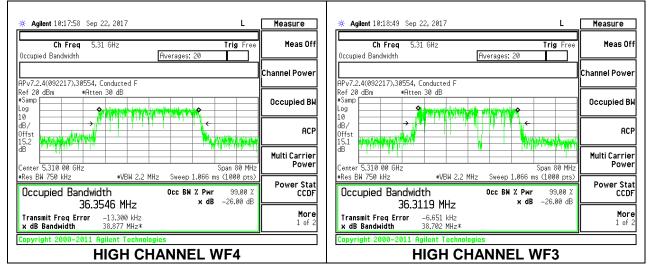
HIGH CHANNEL

2TX Antenna WF4 + Antenna WF3 SDM Mode

Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF4	WF3
	(MHz)	(MHz)	(MHz)
Low	5270	36.3670	36.3670
High	5310	36.3550	36.3120

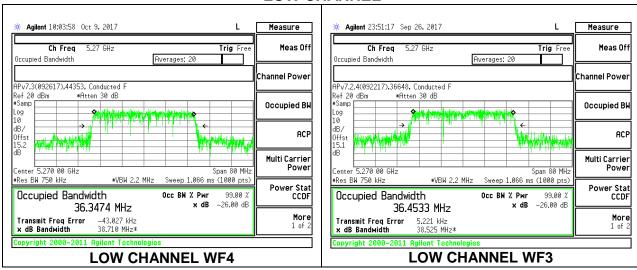


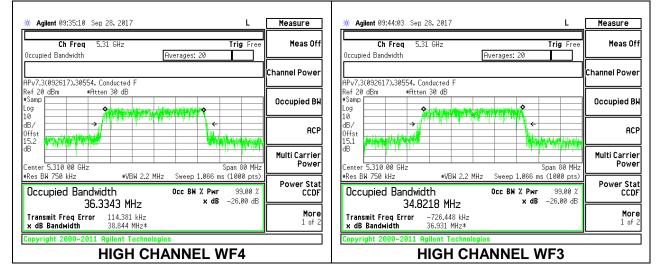
LOW CHANNEL



HIGH CHANNEL

С	Channel	Frequency	99% Bandwidth	99% Bandwidth
			WF4	WF3
		(MHz)	(MHz)	(MHz)
	Low	5270	36.3474	36.4530
	High	5310	36.1510	36.1900

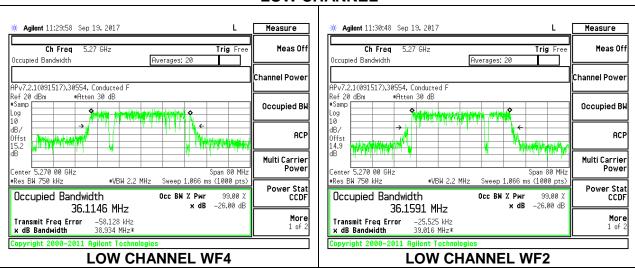


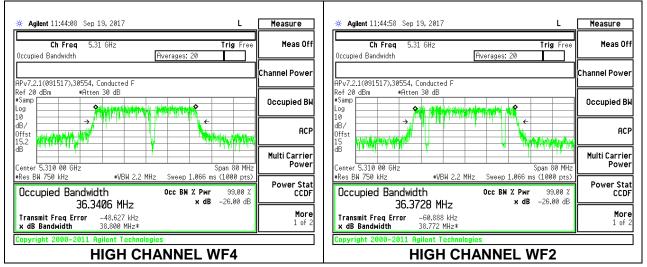


HIGH CHANNEL

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Channel F		Frequency	99% Bandwidth	99% Bandwidth
			WF4	WF2
		(MHz)	(MHz)	(MHz)
	Low	5270	36.1150	36.1590
	High	5310	36.3410	36.3730



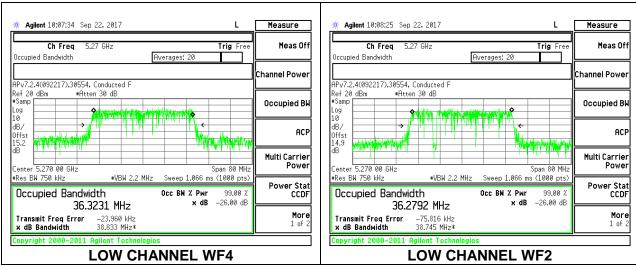


HIGH CHANNEL

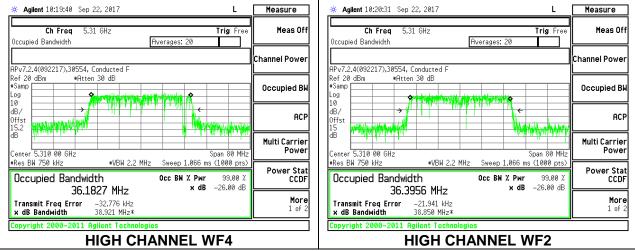
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2TX Antenna WF4 + Antenna WF2 SDM M	ode

Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF4	WF2
	(MHz)	(MHz)	(MHz)
Low	5270	36.3230	36.2790
High	5310	36.1830	36.3960

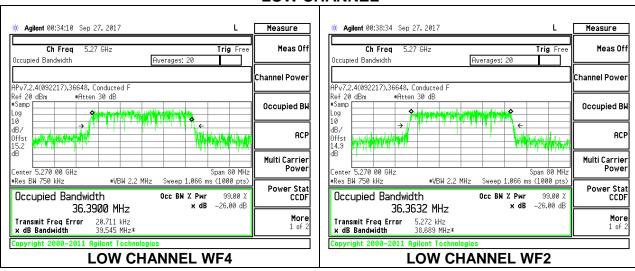


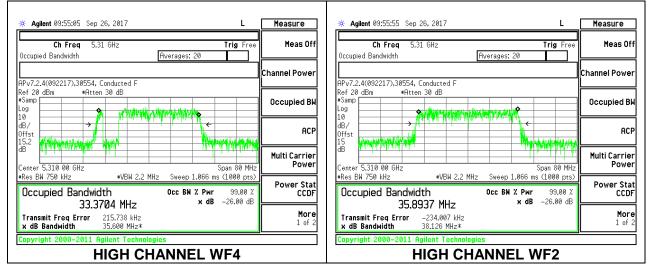




		<u> </u>		
Ch	annel Freg	uencv 99	9% Bandwidth	99% Bandwidth

Channel	Frequency	99% Bandwidth	99% Bandwidth
	WF4		WF2
	(MHz)	(MHz)	(MHz)
Low	5270	36.3900	36.3630
High 5310		33.3700	35.8940

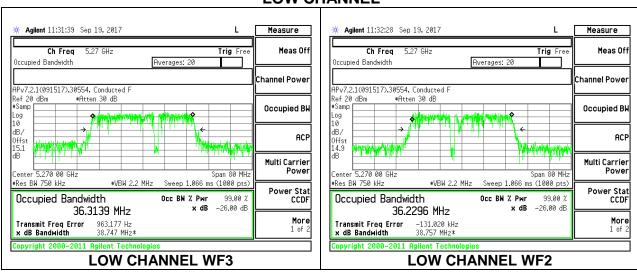




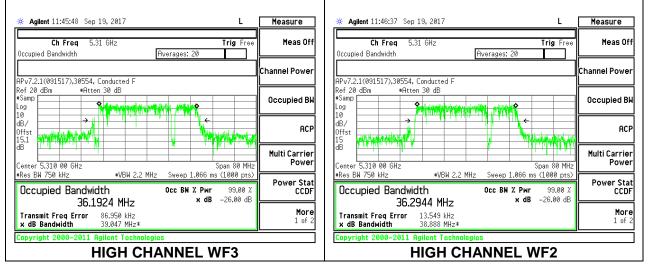
HIGH CHANNEL

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Channel Frequency		99% Bandwidth	99% Bandwidth
		WF3	WF2
	(MHz)	(MHz)	(MHz)
Low	5270	36.3140	36.2300
High	5310	36.1920	36.2940



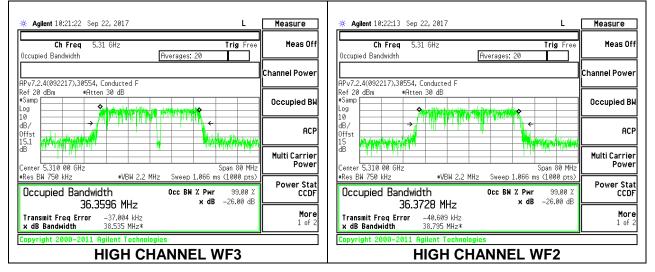




Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF3	WF2
	(MHz)	(MHz)	(MHz)
Low	5270	36.4150	36.3180
High	5310	36.3600	36.3730

Agilent 10:09:16 Sep 22, 2017 Measure Agilent 10:10:07 Sep 22, 2017 Measure Ch Freq 5.27 GHz Meas Off Meas Off Trig Free Ch Frea 5.27 GHz Trig Fre Occupied Bandwidth Averages: 20 Occupied Bandwidth Averages: 20 Channel Power hannel Power APv7.2.4(092217),30554, Conducted F APv7.2.4(092217),30554, Conducted F Ref 20 dBm #Samp #Atten 30 dB Ref 20 dBm #Atten 30 dB #Samp Occupied BW Occupied BW Log Log 10 10 dB/ dB/ ACP ACP Offst Offst 15.1 14.9 the state of the second dB đΒ Multi Carrier Multi Carrier Power Power 5.270 00 GHz 80 MHz 5.270 00 GHz 80 MH; ente ente #VBW 2.2 MHz Sweep 1.066 ms (1000 pts) ∎Res BW 750 kHz ∎Res BW 750 kHz #VBW 2.2 MHz Sweep 1.066 ms (1000 pts) Power Stat CCDF Power Stat CCDF Occupied Bandwidth Occ BW % Pwr 99.00 % Occupied Bandwidth Occ BW % Pwr 99.00 % x dB −26.00 dB 36.3184 MHz x dB -26.00 dB 36.4152 MHz More 1 of 2 More Transmit Freq Error -49.886 kHz Transmit Freq Error -89.388 kHz 1 of 2 38.722 MHz* x dB Bandwidth x dB Bandwidth 38.410 MHz* Copyright 2000-2011 Agilent Technologies Copyright 2000-2011 Agilent Technologies LOW CHANNEL WF3 **LOW CHANNEL WF2**

LOW CHANNEL

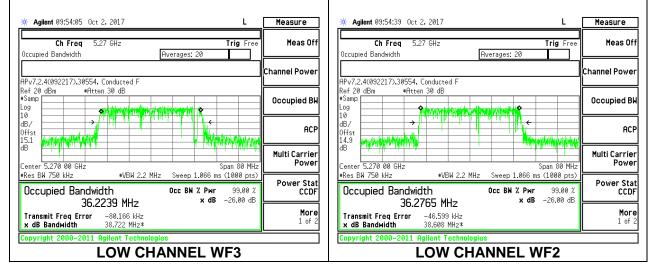


HIGH CHANNEL

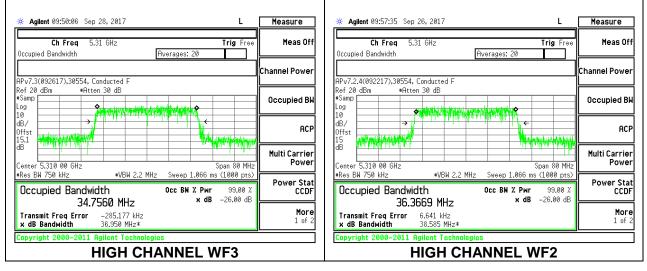
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Channel	Freauencv	99% Bandwidth	99% Bandwidth

Channel	Frequency	99% Bandwidth	99% Bandwidth
		WF3	WF2
	(MHz)	(MHz)	(MHz)
Low	5270	36.2240	36.2760
High 5310		34.7560	36.3670

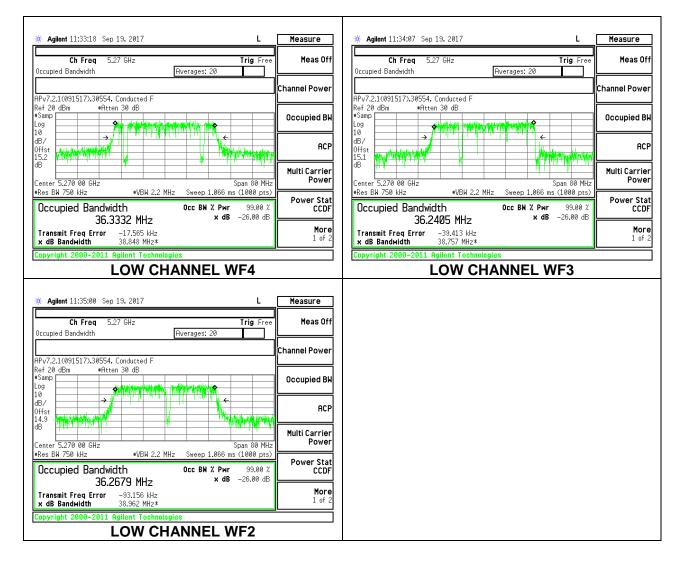




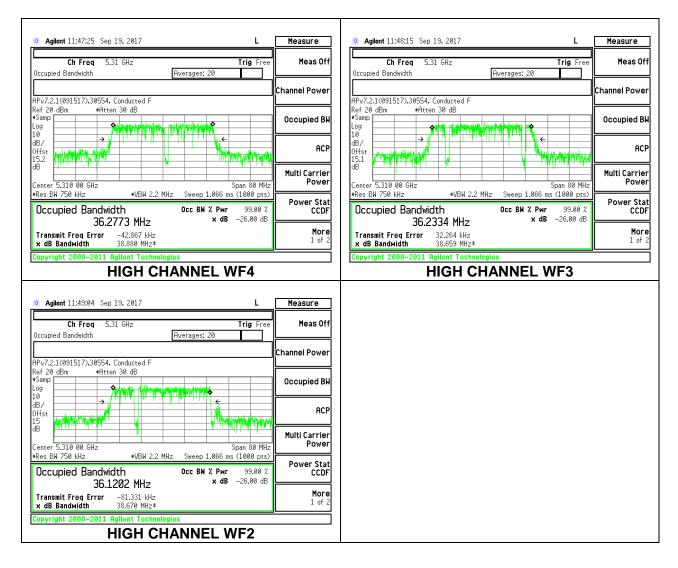


3TX Antenna WF4 + Antenna WF3 + Antenna WF2 CDD Mode

Channel	Frequency	99% Bandwidth	99% Bandwidth	99% Bandwidth
		WF4	WF3	WF2
	(MHz)	(MHz)	(MHz)	(MHz)
Low	5270	36.3330	36.2400	36.2680
High	5310	36.2770	36.2330	36.1200



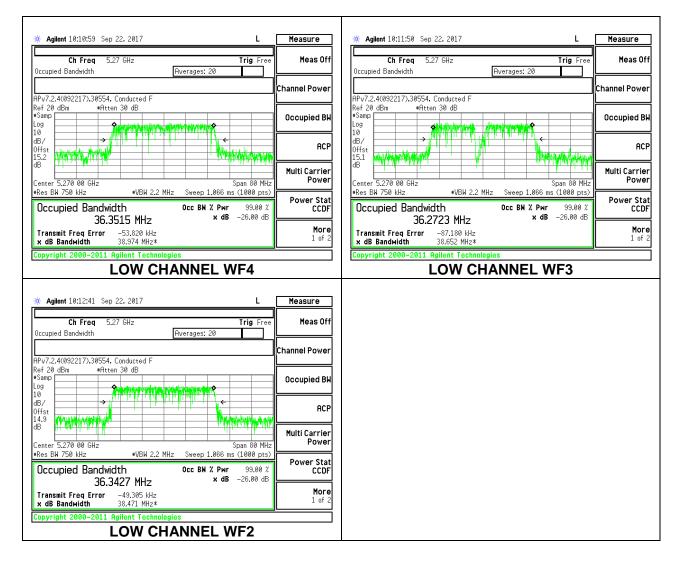
HIGH CHANNEL



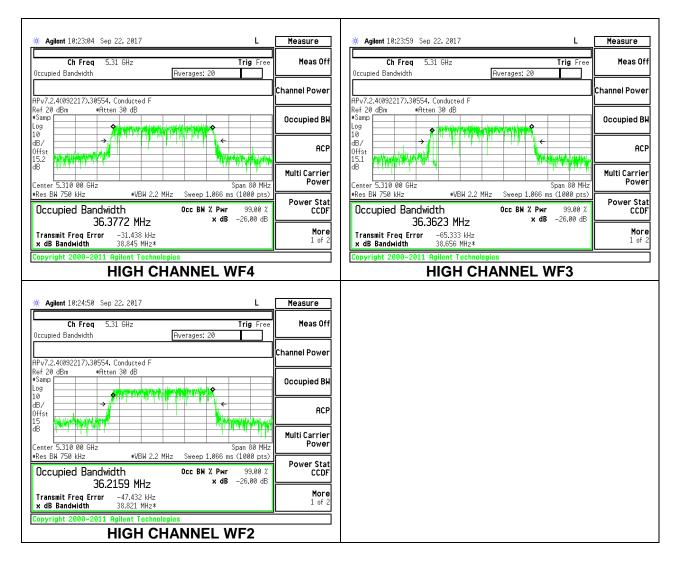
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3TX Antenna WF4 + Antenna WF3 + Antenna WF2 SDM Mode

Channel	Frequency	99% Bandwidth	99% Bandwidth	99% Bandwidth
		WF4	WF3	WF2
	(MHz)	(MHz)	(MHz)	(MHz)
Low	5270	36.3520	36.2720	36.3430
High	5310	36.3770	36.3620	36.2160



HIGH CHANNEL



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