

MARK	MODE	TRC	SCN	F	P	FUNCTION	FUNCTION WITH	FUNCTION VALUE
1	N	1	f	5.000 GHz	-55.97 dBm			
2	N	1	f	10.400 GHz	-61.93 dBm			
3	N	1	f	15.600 GHz	-63.56 dBm			

[illegible]

**Center Freq 9.015000000 GHz**  
**Start 30 MHz**  
**#Res BW 1.0 MHz**  
**#VBW 3.0 MHz**  
**Stop 18.000 GHz**  
**Sweep 30.0 ms (1001 pts)**

**Ref Offset 13.65 dB**  
**Ref 0.00 dBm**

**Mkr3 15.600 GHz**  
**-62.88 dBm**

MKR	MODE	FREQ	SQL	UNIT	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f				5.200 GHz -56.11 dBm
2	N	1	f				10.400 GHz -65.32 dBm
3	N	1	f				15.600 GHz -62.88 dBm
4							
5							
6							
7							
8							
9							
10							
11							
12							

Agilent Spectrum Analyzer - Sweep 1A

Center Freq 9.015000000 GHz

Ref Offset 13.65 dB  
Ref 0.00 dBm

Mkr3 15.600 GHz  
-52.72 dBm

Start 30 MHz  
#Res BW 1.0 MHz

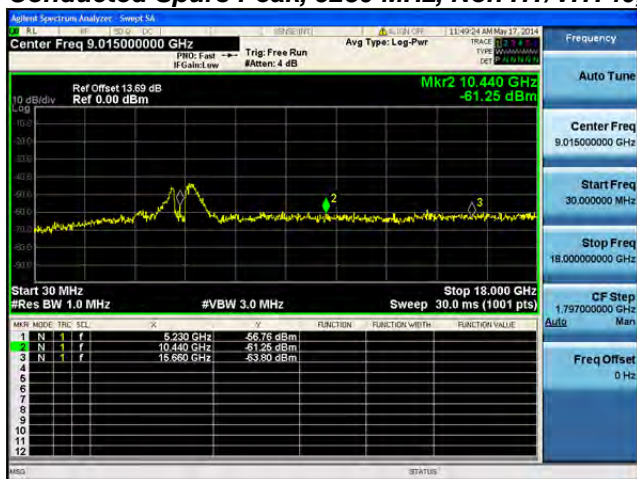
#VBW 3.0 MHz

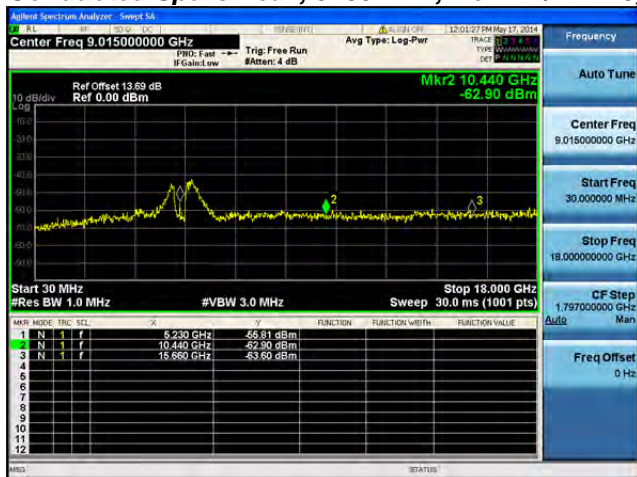
Stop 18.000 GHz  
Sweep 30.0 ms (1001 pts)

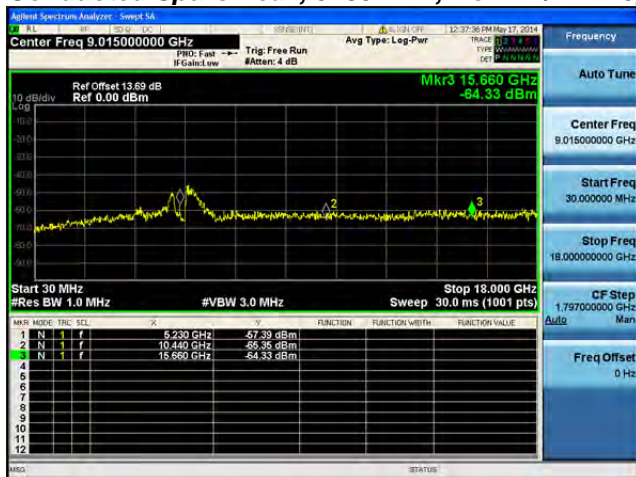
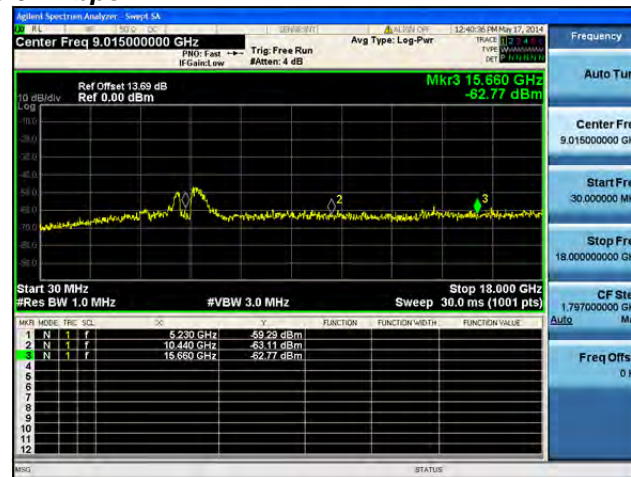
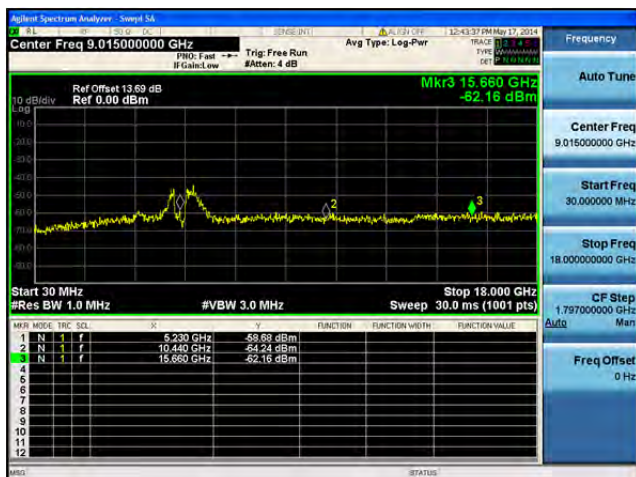
Table:

Mkr	Mode	Trc	SL	DB	F	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f		5.200 GHz			-53.95 dBm
2	N	1	f		10.400 GHz			-52.97 dBm
3	N	1	f		15.600 GHz			-52.72 dBm

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**Conducted Spurs Peak, 5230 MHz, Non HT/VHT40, 6 to 54 Mbps****Antenna A**

**Conducted Spurs Peak, 5230 MHz, Non HT/VHT40, 6 to 54 Mbps****Antenna A****Antenna B**

**Conducted Spurs Peak, 5230 MHz, Non HT/VHT40, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C**



**Agilent Spectrum Analyzer - Smw54a**

Center Freq: 9.015000000 GHz  
 Ref Offset: 13.69 dB  
 Ref: 0.00 dBm

Trig: Free Run  
 Attenu: 4 dB

Avg Type: Log-Pwr

Frequency: 10.440 GHz  
 Auto Tune

Center Freq: 9.015000000 GHz  
 Start Freq: 30.000000 MHz  
 Stop Freq: 18.000000 GHz

Start 30 MHz  
 Res BW 1.0 MHz  
 #VBW 3.0 MHz  
 Stop 18.000 GHz  
 Sweep 30.0 ms (1001 pts)

MARK	MODE	TRC	SCN	F	A	FUNCTION	FUNCTION WITH	FUNCTION VALUE
1	N	1	f	6.230 GHz	-52.49 dBm			
2	N	1	f	10.440 GHz	-62.46 dBm			
3	N	1	f	15.650 GHz	-64.04 dBm			

CF Step: 1.797000000 GHz  
 Auto Man

Freq Offset: 0 Hz

**Agilent Spectrum Analyzer - Sweep 1A**

Center Freq 9.015000000 GHz

Ref Offset 13.69 dB  
Ref 0.00 dBm

Mkr2 10.440 GHz  
-61.72 dBm

Start 30 MHz  
#Res BW 1.0 MHz

#VBW 3.0 MHz

Sweep 30.0 ms (1001 pts)

MKR	MODE	FREQ	SQL	dB	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.230 GHz	-62.28 dBm			
2	N	1	f	10.440 GHz	-61.72 dBm			
3	N	1	f	15.660 GHz	-62.71 dBm			

Frequency

Auto Tune

Center Freq  
9.015000000 GHz

Start Freq  
30.000000 MHz

Stop Freq  
18.000000000 GHz

CF Step  
1.797000000 GHz

Auto

Freq Offset  
0 Hz

STATUS

Spectrum Analyzer - View 54

Center Freq 9.015000000 GHz

Ref Offset 13.69 dB

Ref 0.00 dBm

Mkr3 15.680 GHz

-63.05 dBm

Start 30 MHz

Stop 18.000 GHz

Res BW 1.0 MHz

#VBW 3.0 MHz

Sweep 30.0 ms (1001 pts)

Mkrs	Mode	Freq	dBm	Function	Function Width	Function Value
1	N	1	5.420 GHz	-69.54 dBm		
2	N	1	10.400 GHz	-64.37 dBm		
3	N	1	15.680 GHz	-63.05 dBm		

**Agilent Spectrum Analyzer** - Swept SA  
 10.0 Hz OFF | 10.0 Hz ON | LOG ON | 1.01:22:45 PM May 17, 2014

**Center Freq 9.015000000 GHz**      Avg Type: Log-Pwr      Trace [1] 1 + 4 + 5 TYPE SPAN MODE IN REF

PRO: Fast → Trig: Free Run #Atten: 4 dB

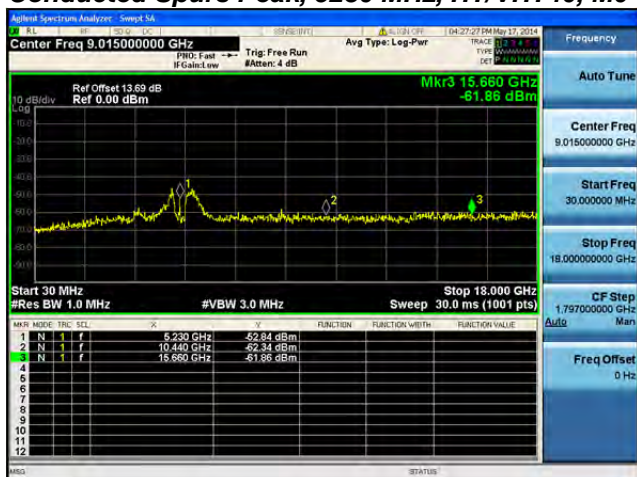
Ref Offset 13.69 dB      Mkr2 10.440 GHz  
 Ref 0.00 dBm      -80.77 dBm

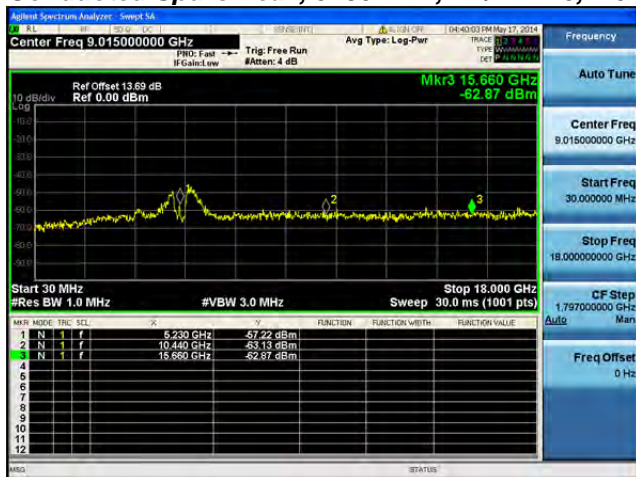
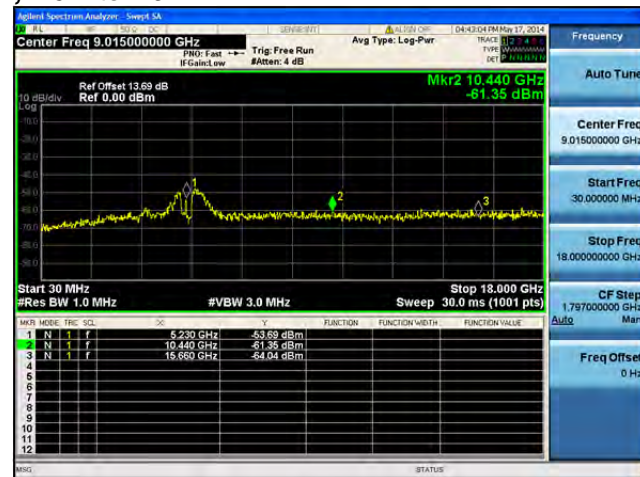
10 dB/div

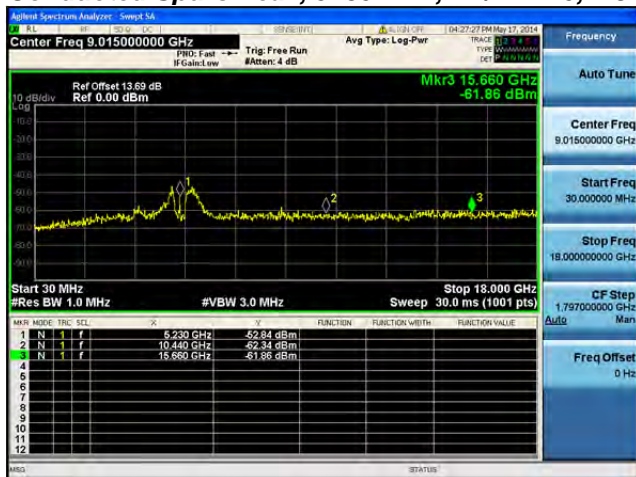
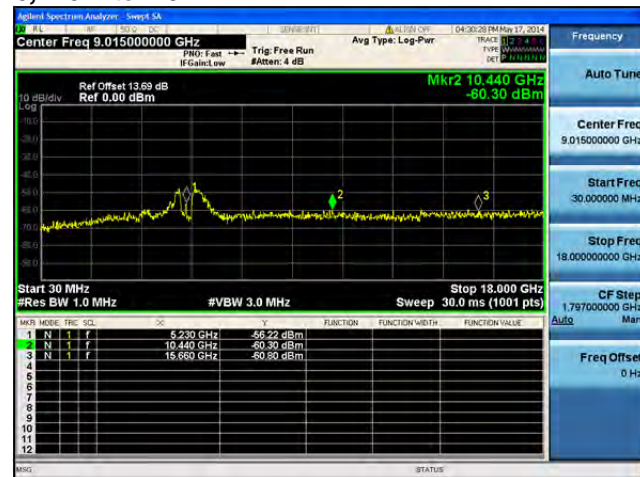
Start 30 MHz      Stop 18.000 GHz  
 #Res BW 1.0 MHz      #VBW 3.0 MHz      Sweep 30.0 ms (1001 pts)

MNR	MODE	FREQ	SCL	dB	T	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f		-59.230 GHz	-59.32 dBm		
2	N	1	f		10.440 GHz	-80.77 dBm		
3	N	1	f		15.660 GHz	-64.57 dBm		

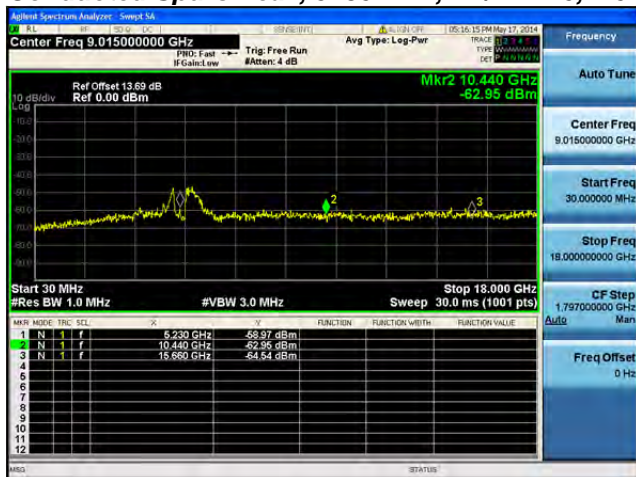
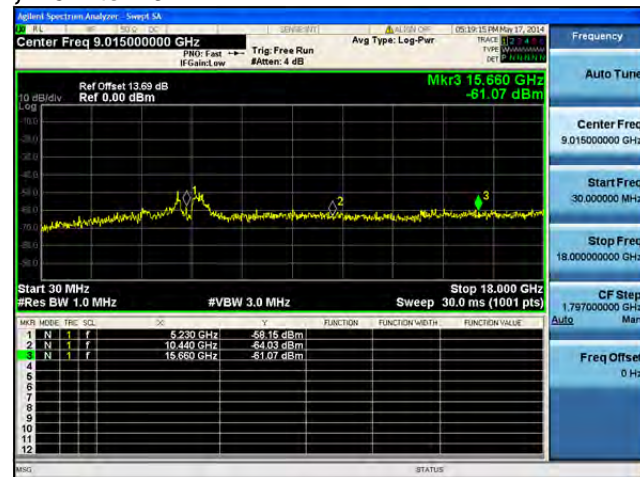
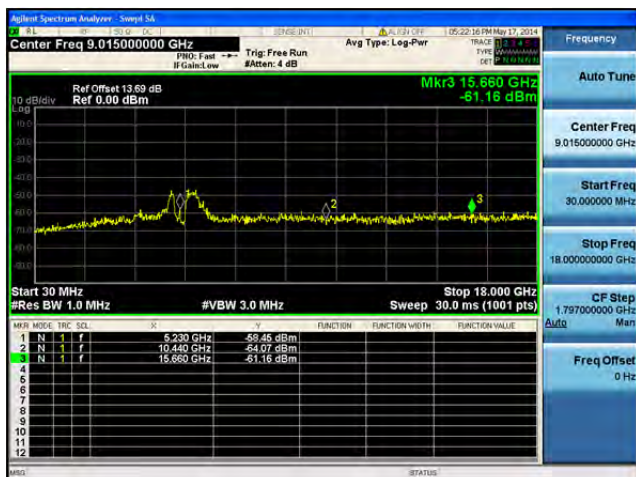
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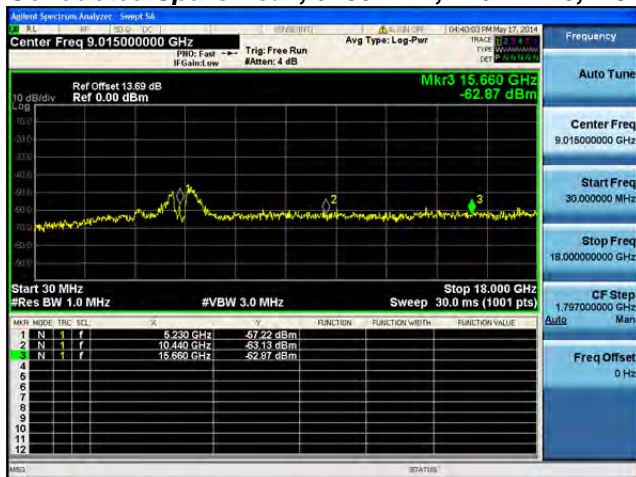
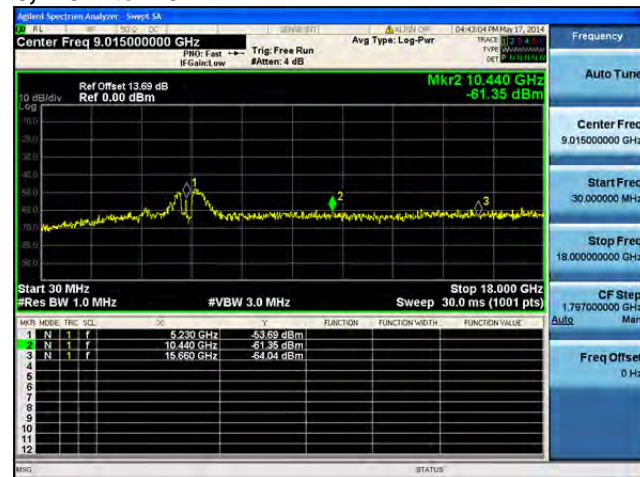
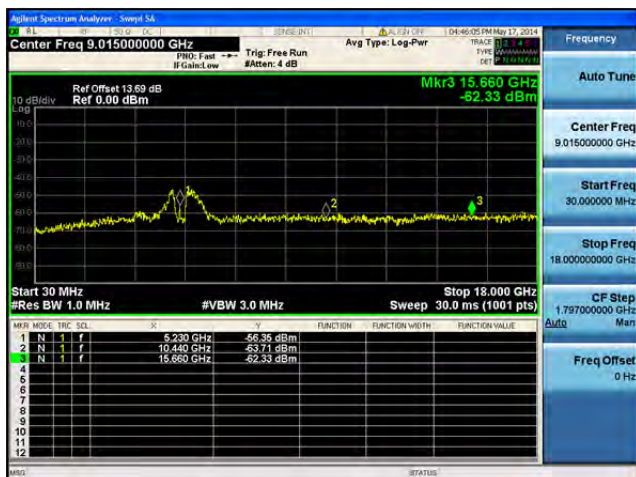
**Conducted Spurs Peak, 5230 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1****Antenna A**

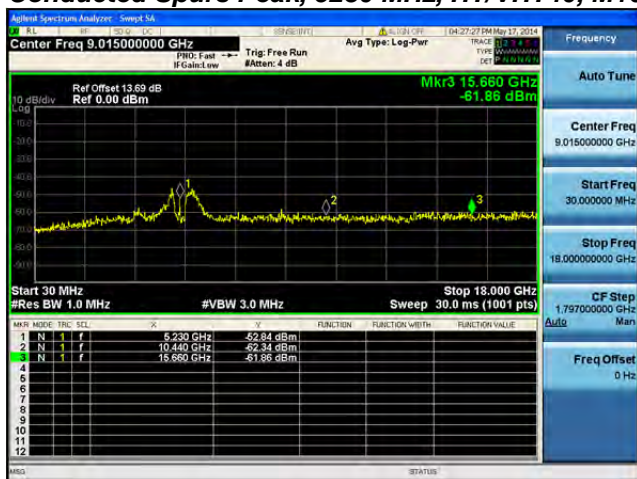
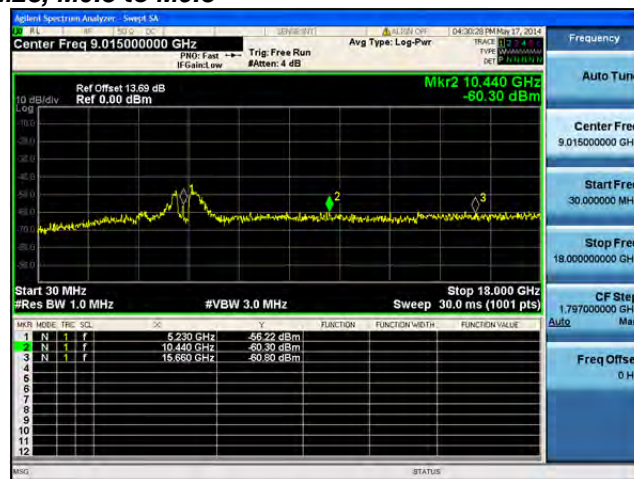
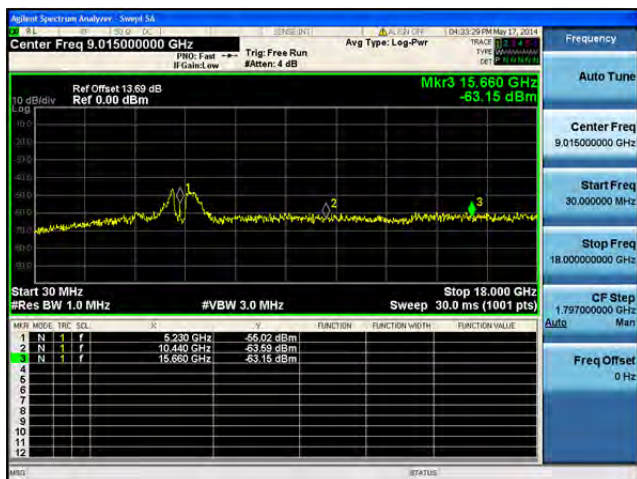
**Conducted Spurs Peak, 5230 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B**

**Conducted Spurs Peak, 5230 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B**



**Conducted Spurs Peak, 5230 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C**

**Conducted Spurs Peak, 5230 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C**

**Conducted Spurs Peak, 5230 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C**



Ref Offset 13.69 dB  
Ref 0.00 dBm

Mkr3 15.660 GHz  
-62.69 dBm

Start 30 MHz  
#Res BW 1.0 MHz

#VBW 3.0 MHz

Stop 18.000 GHz  
Sweep 30.0 ms (1001 pts)

MARK	MODE	TRC	SCN	F	FUNCTION	FUNCTION WITH	FUNCTION VALUE
1	N	1	f	6.230 GHz		-61.64 dBm	
2	N	1	f	10.440 GHz		-62.81 dBm	
3	N	1	f	15.660 GHz		-62.69 dBm	

[illegible]

**Agilent Spectrum Analyzer - Screenshot**

**Center Freq 9.015000000 GHz** **Avg Type: Log-Pwr** **Trace 1: F** **Time: 10:40:25 PM May 17, 2014**

**Ref Offset 13.69 dB** **Ref 0.00 dBm** **Mkr2 10.440 GHz** **-63.43 dBm**

**Start 30 MHz** **Stop 18,000 GHz**  
**Res BW 1.0 MHz** **#VBW 3.0 MHz** **Sweep 30.0 ms (1001 pts)**

Mk	Mode	Freq	Power	dBm
1	N	1	1	5.230 GHz
2	N	1	1	10.440 GHz
3	N	1	1	15.680 GHz

Agilent Spectrum Analyzer - Sweep 5A

Center Freq 9.015000000 GHz

Ref Offset 13.69 dB  
Ref 0.00 dBm

Mkr3 15.660 GHz  
-61.70 dBm

Start 30 MHz  
#Res BW 1.0 MHz

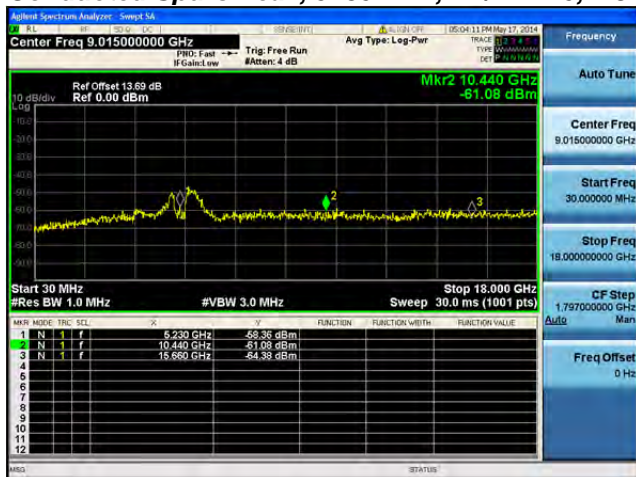
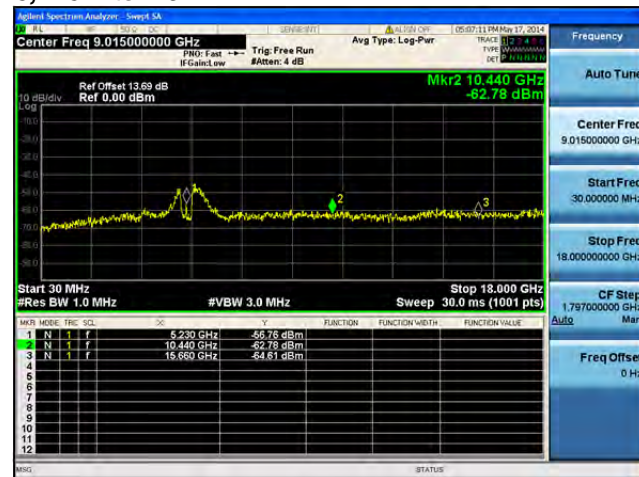
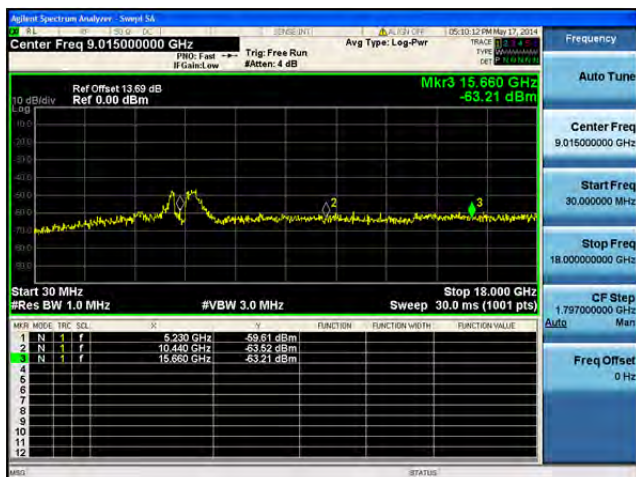
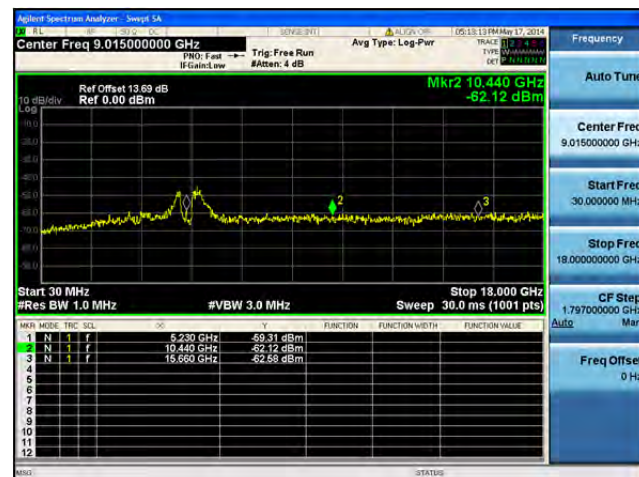
#VBW 3.0 MHz

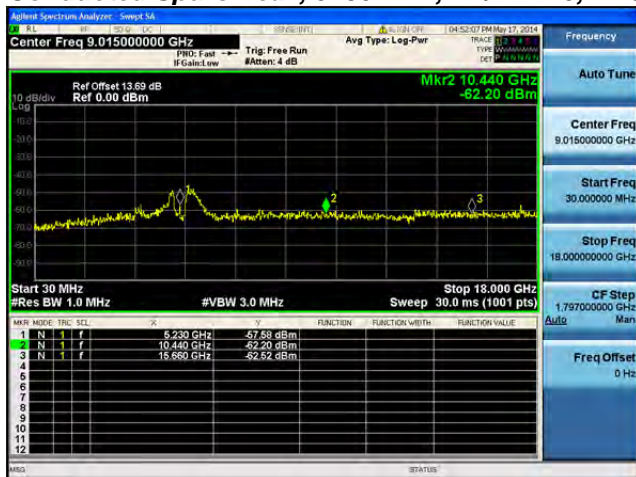
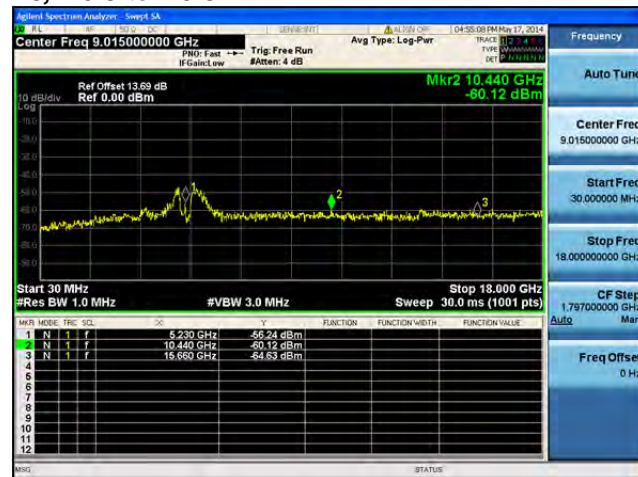
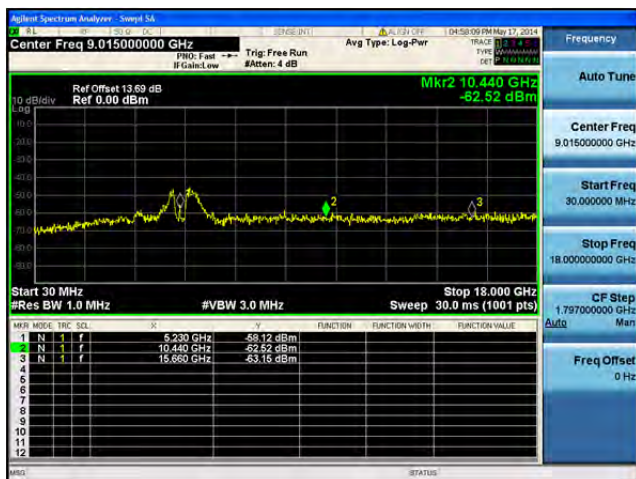
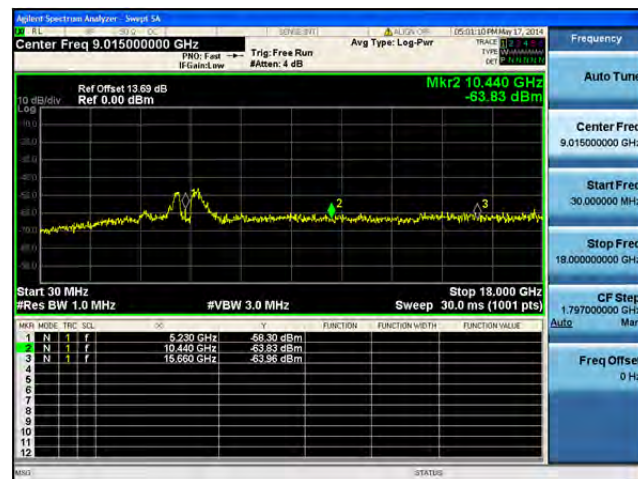
Sweep 30.0 ms (1001 pts)

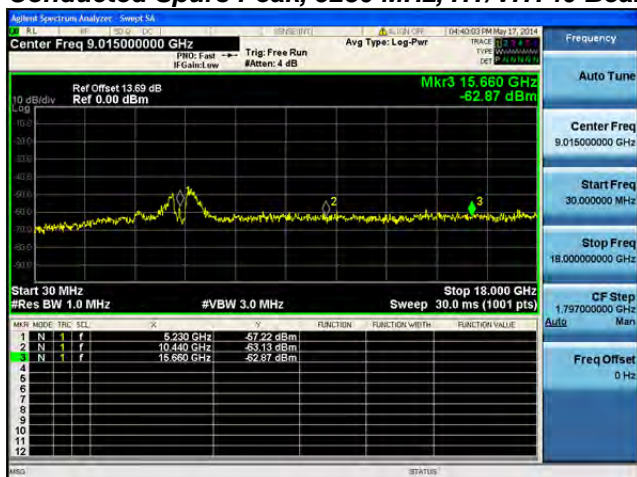
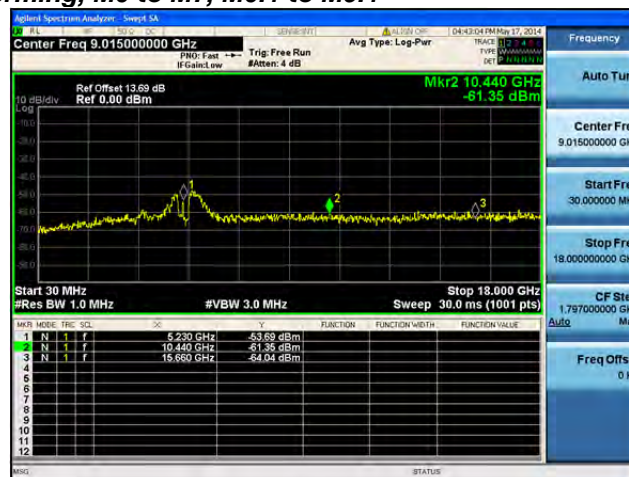
MNR	MODE	TRF	SCL	dB	V	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f		9.230 GHz		59.75 dBm	
2	N	1	f		10.440 GHz		-61.75 dBm	
3	N	1	f		15.660 GHz		-61.70 dBm	

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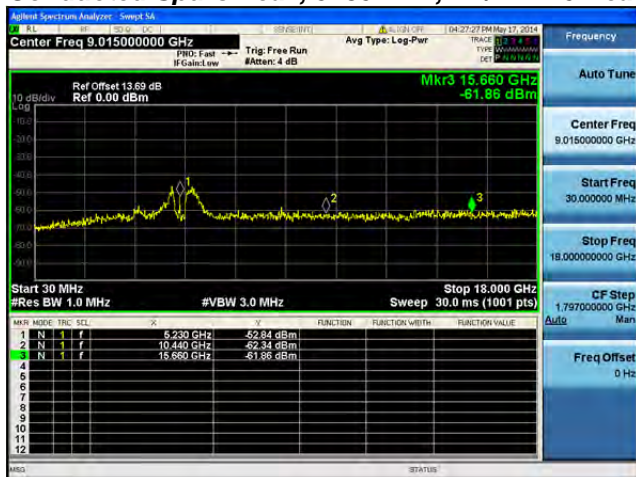
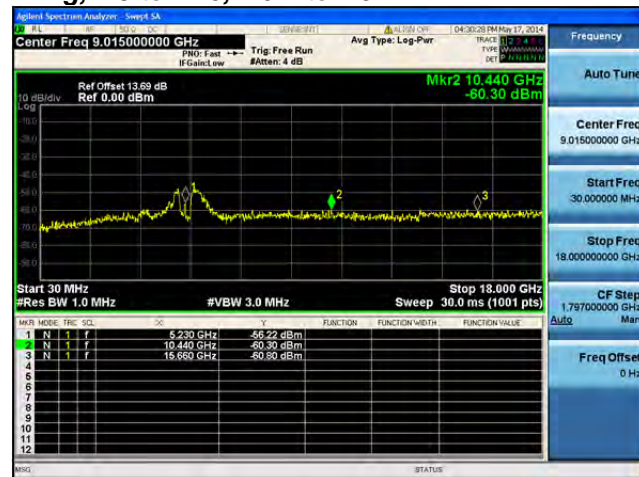


**Conducted Spurs Peak, 5230 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C****Antenna D**

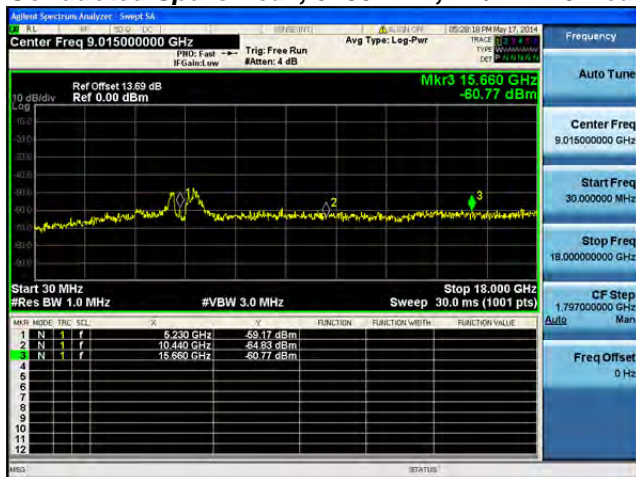
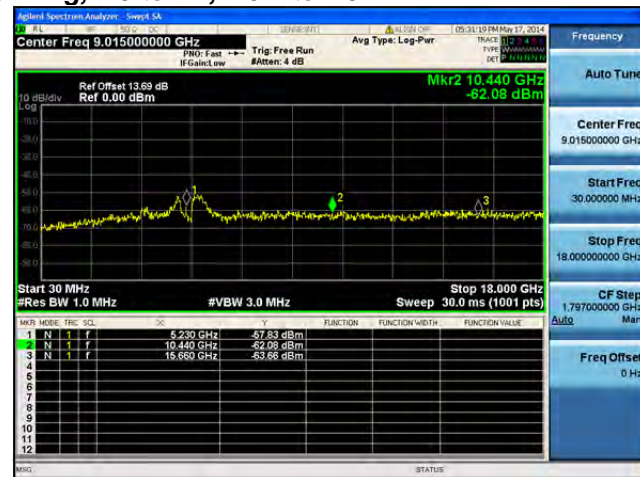
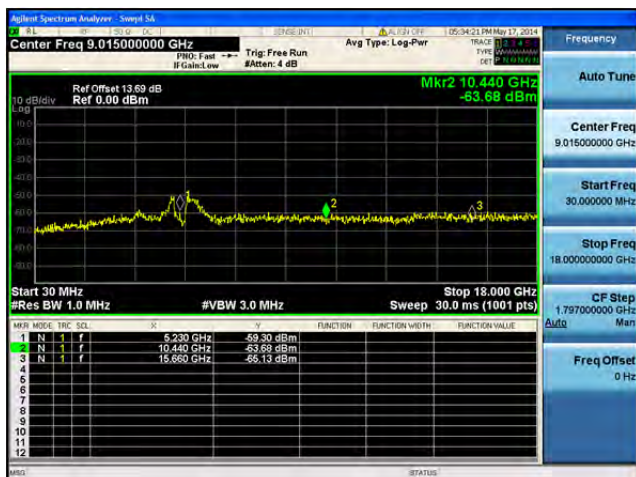
**Conducted Spurs Peak, 5230 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C****Antenna D**

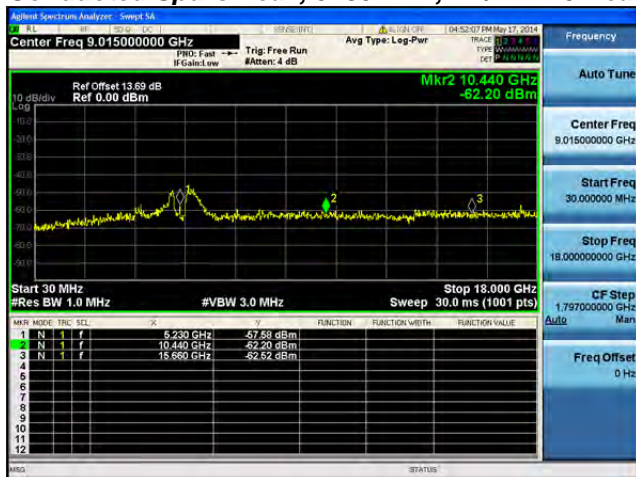
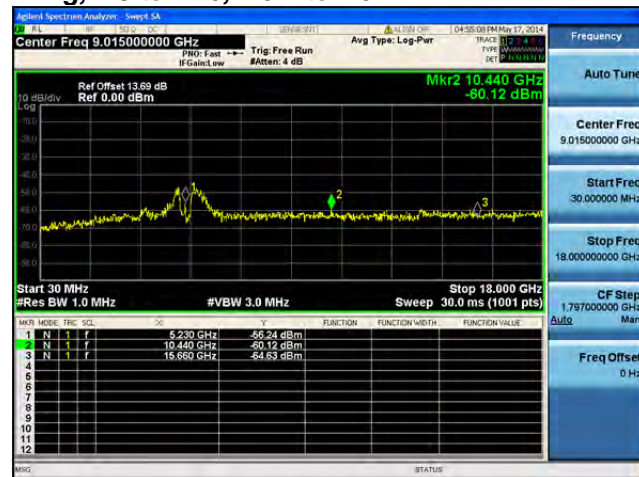
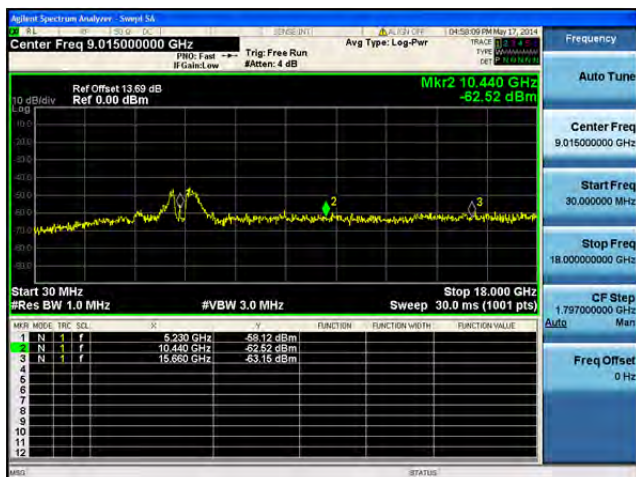
**Conducted Spurs Peak, 5230 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B**

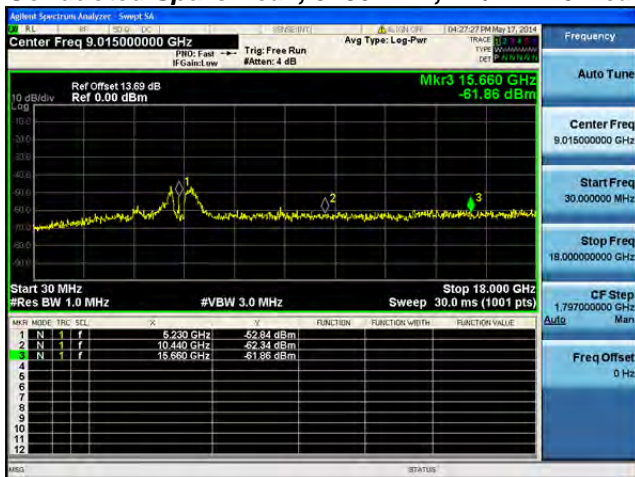
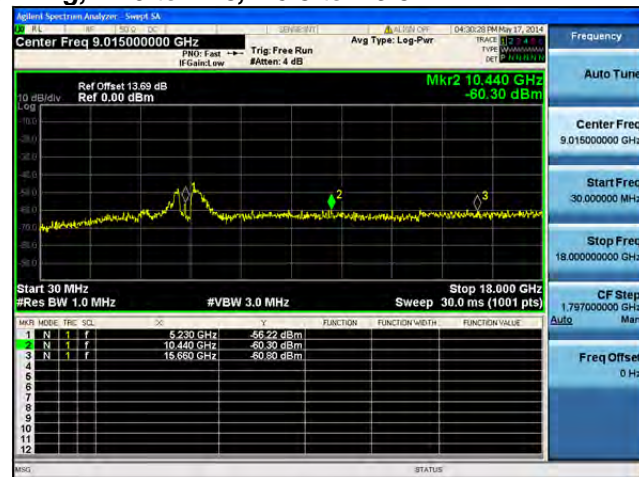
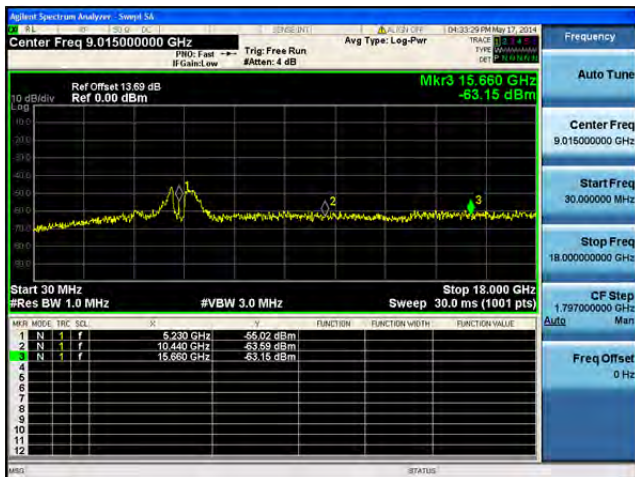


**Conducted Spurs Peak, 5230 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B**

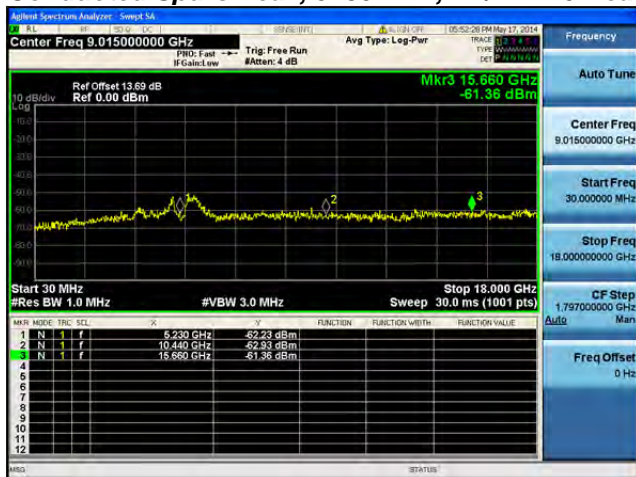
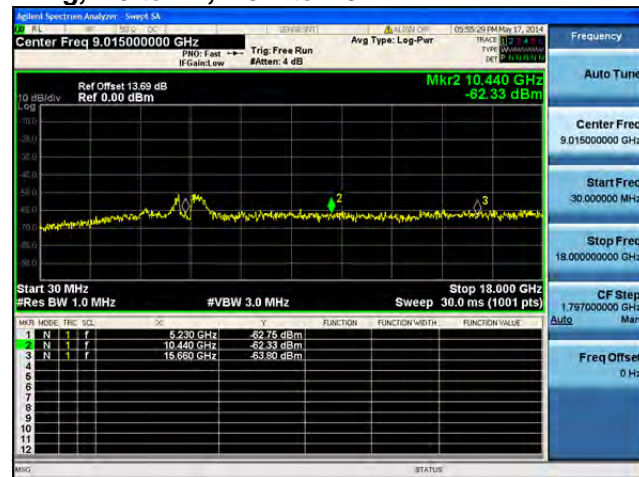
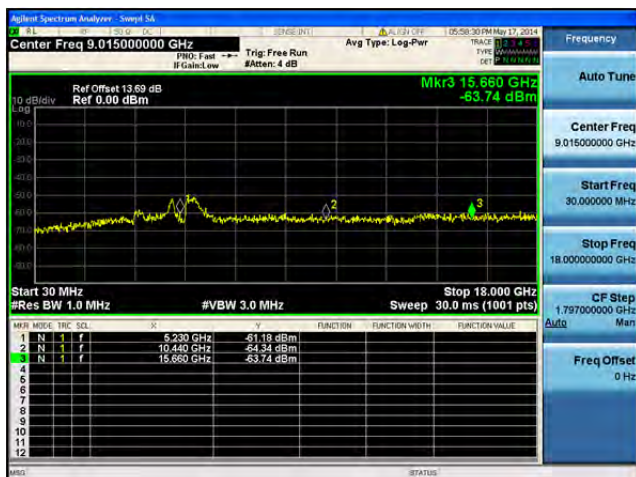
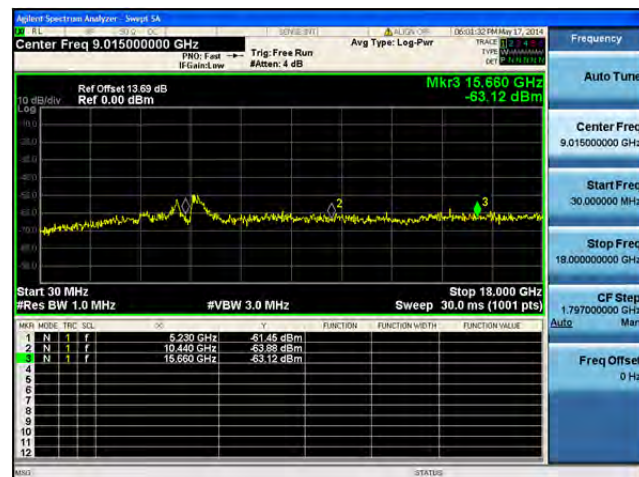


**Conducted Spurs Peak, 5230 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C**

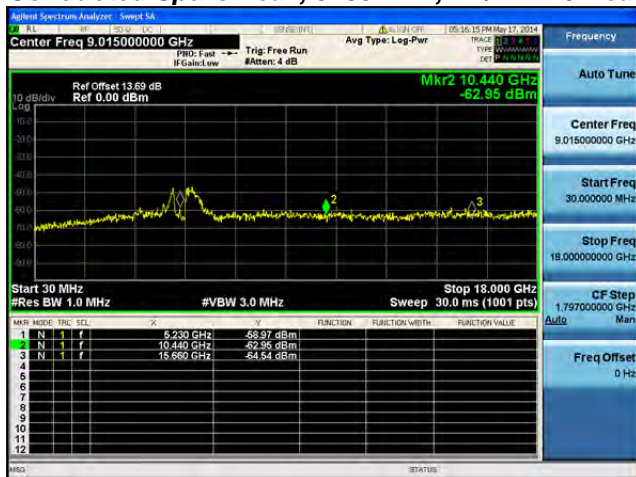
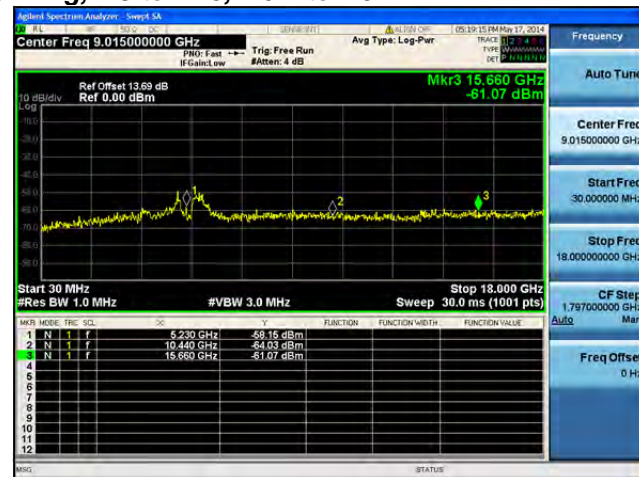
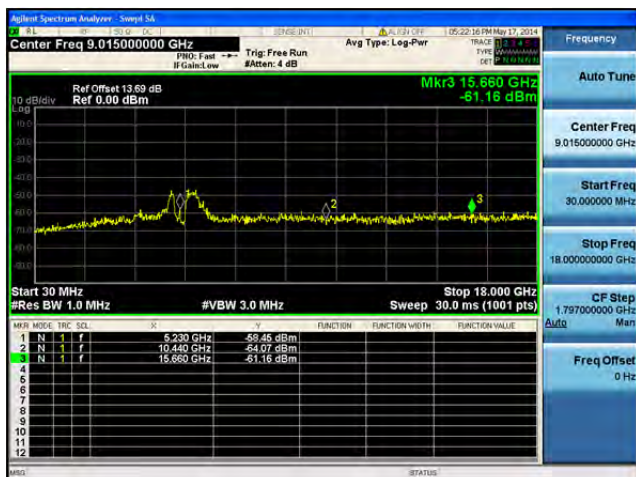
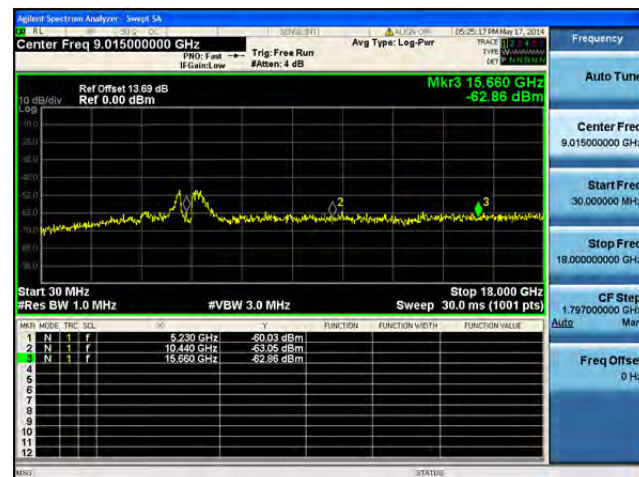
**Conducted Spurs Peak, 5230 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C**

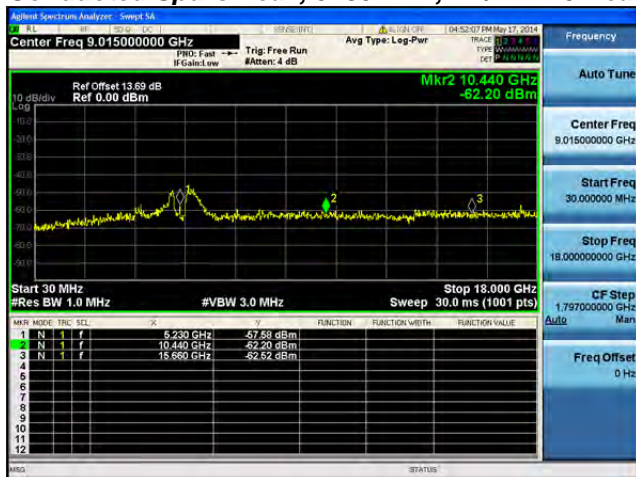
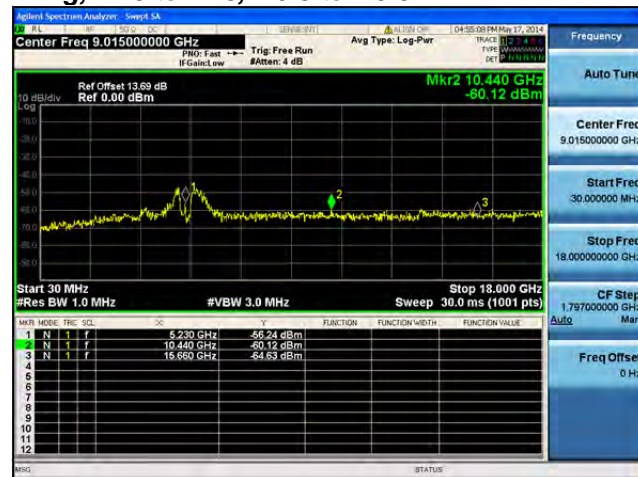
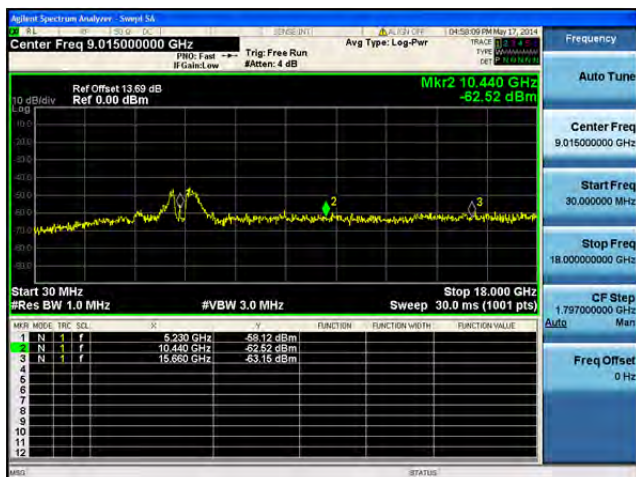
**Conducted Spurs Peak, 5230 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C**

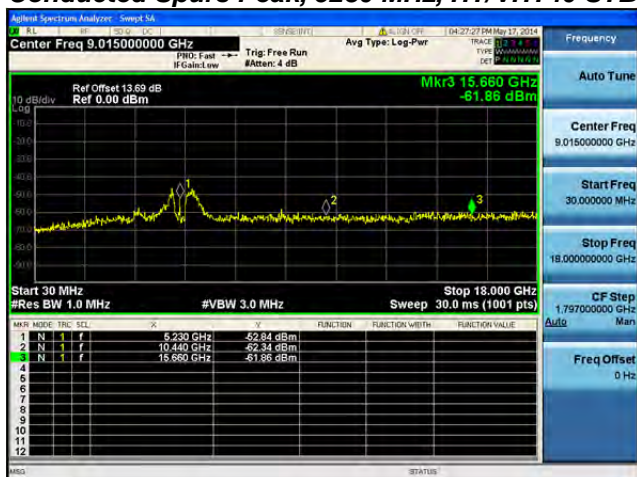
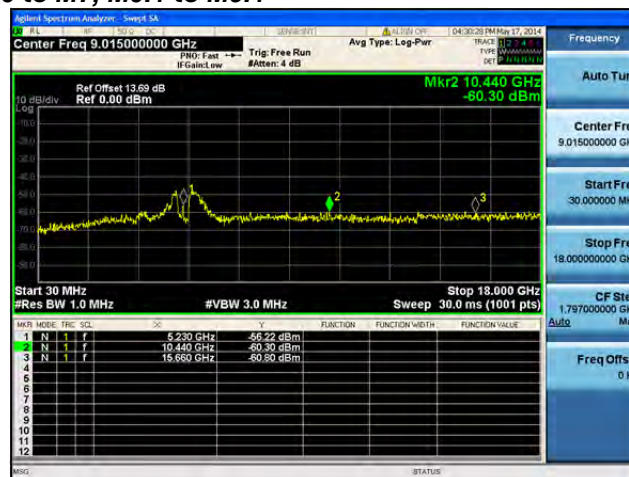


**Conducted Spurs Peak, 5230 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

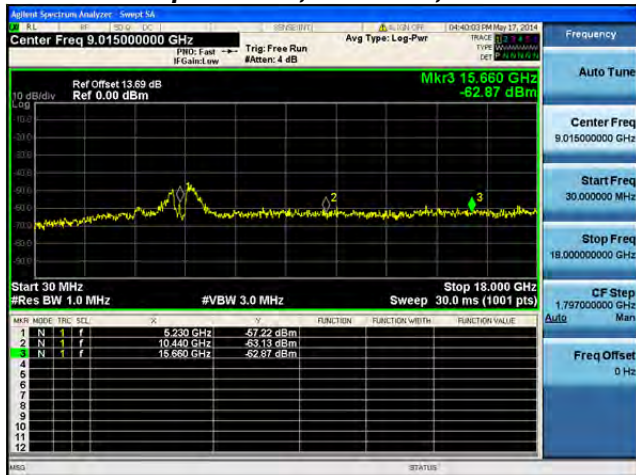
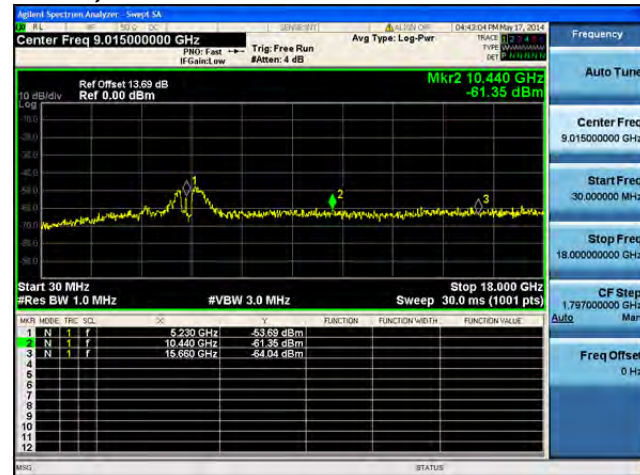
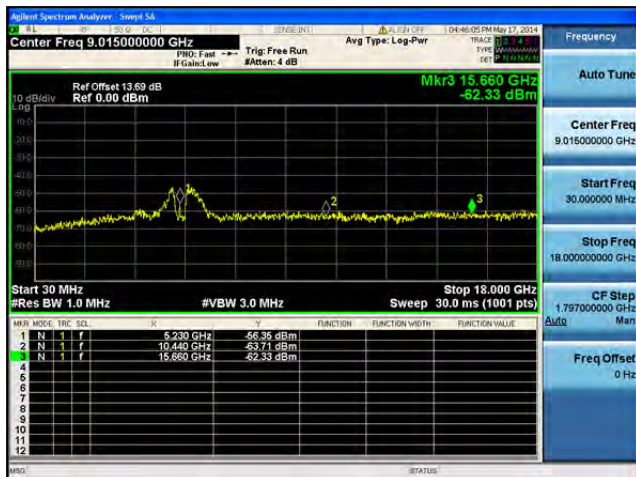


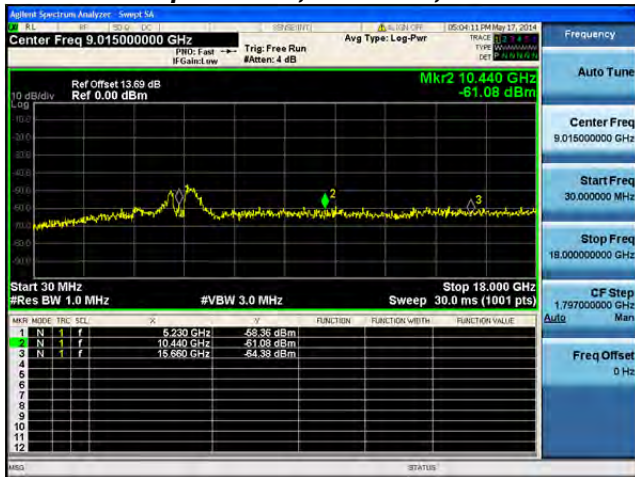
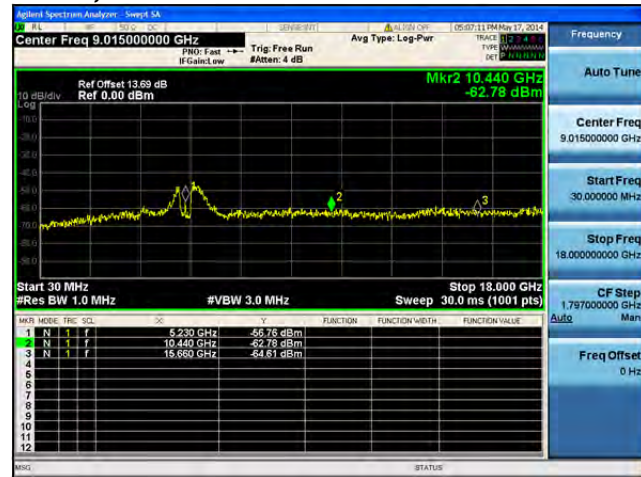
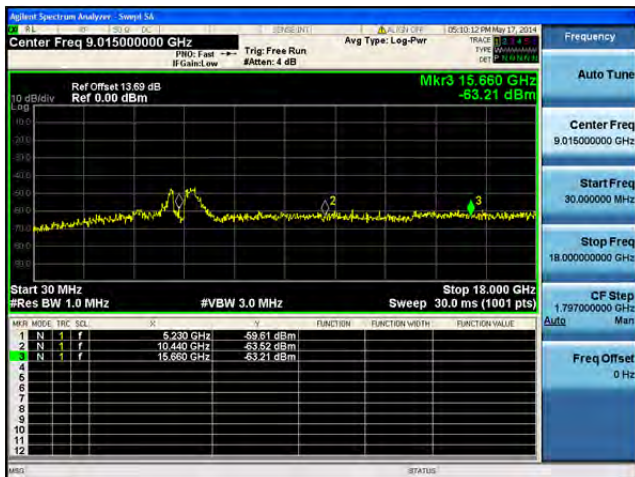
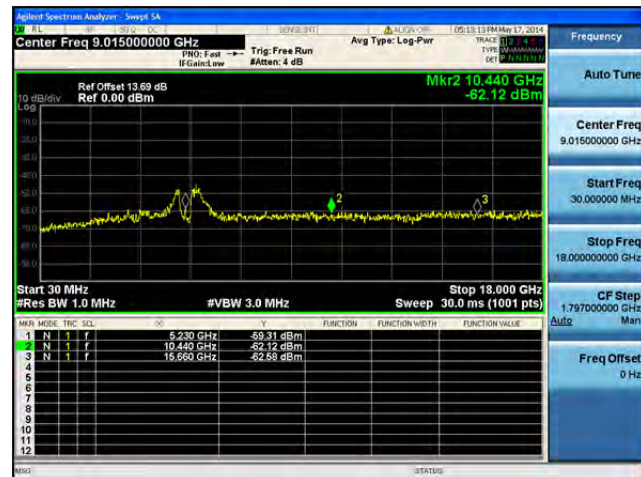
**Conducted Spurs Peak, 5230 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C****Antenna D**

**Conducted Spurs Peak, 5230 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C****Antenna D**

**Conducted Spurs Peak, 5230 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B**

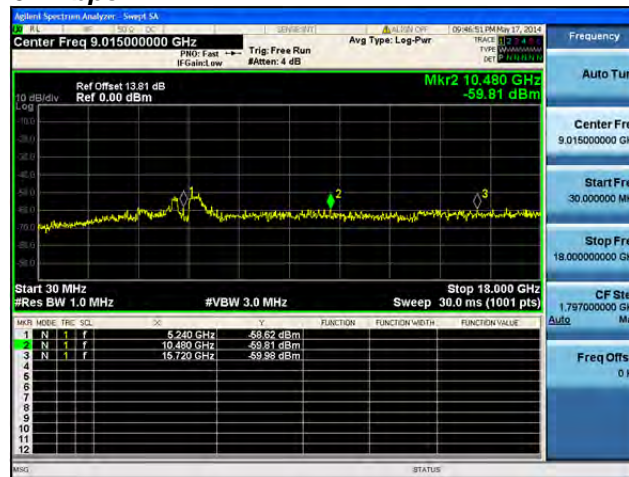


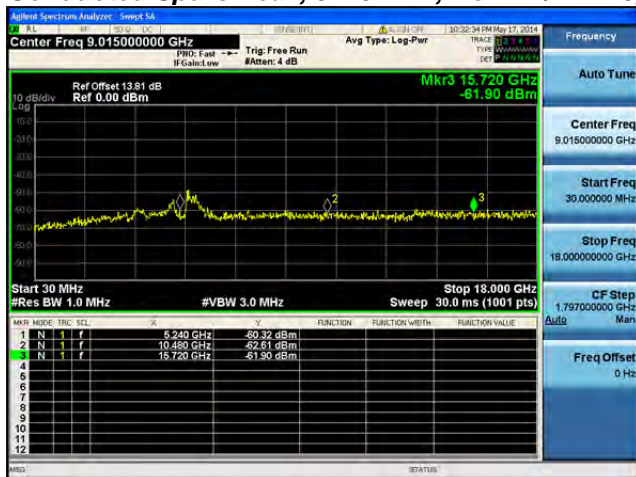
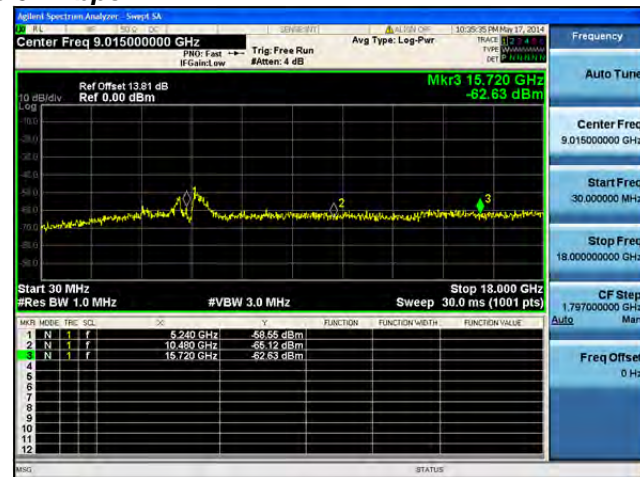
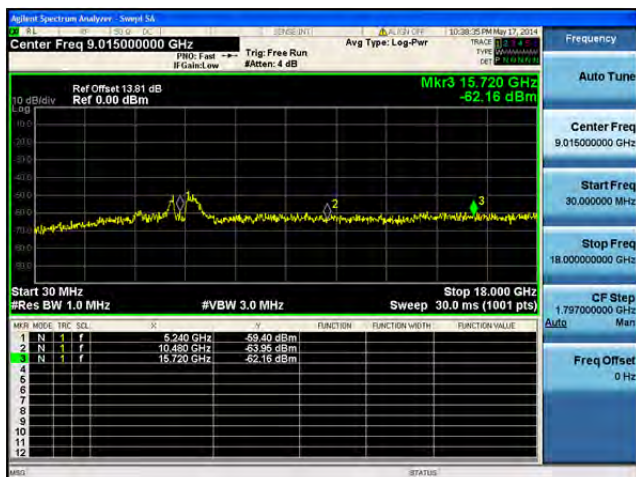
**Conducted Spurs Peak, 5230 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C**

**Conducted Spurs Peak, 5230 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

**Conducted Spurs Peak, 5240 MHz, Non HT/VHT20, 6 to 54 Mbps****Antenna A**



**Conducted Spurs Peak, 5240 MHz, Non HT/VHT20, 6 to 54 Mbps****Antenna A****Antenna B**

**Conducted Spurs Peak, 5240 MHz, Non HT/VHT20, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C**

**Signal Spectrum Analyzer - Smp14**

Center Freq 9.015000000 GHz

Ref Offset 13.81 dB  
Ref 0.00 dBm

Trig: Free Run  
#Attenu: 4 dB

Avg Type: Log-Pwr

STOP 30.000000 MHz

Start 30 MHz  
#Res BW 1.0 MHz

#VBW 3.0 MHz

Stop 18.000 GHz  
Sweep 30.0 ms (1001 pts)

Marker 1: 5.240 GHz, -59.87 dBm  
Marker 2: 10.480 GHz, -62.66 dBm  
Marker 3: 15.720 GHz, -62.16 dBm

MARK	MODE	FREQ	SQL	AM	FUNCTION	FUNCTION WITH	FUNCTION VALUE
1	N	5.240 GHz	f				-59.87 dBm
2	N	10.480 GHz	f				-62.66 dBm
3	N	15.720 GHz	f				-62.16 dBm

**Spectrum Analyzer**

Center Freq 9.015000000 GHz  
Span 10 MHz  
Res BW 1.0 MHz  
VBW 3.0 MHz

Mkr3 15.720 GHz  
-62.97 dBm

Mkrs	FREQ	SCN	DB	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.240 GHz	-60.99 dBm		
2	N	1	f	10.480 GHz	-63.36 dBm		
3	N	1	f	15.720 GHz	-62.97 dBm		

[illegible]

Agilent Spectrum Analyzer - Sweep 5A

Center Freq 9.015000000 GHz

Ref Offset 13.81 dB  
Ref 0.00 dBm

Mkr2 10.480 GHz  
-61.92 dBm

Start 30 MHz  
#Res BW 1.0 MHz

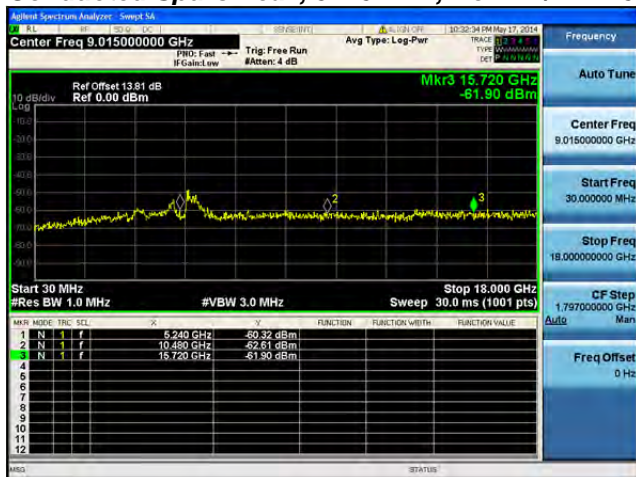
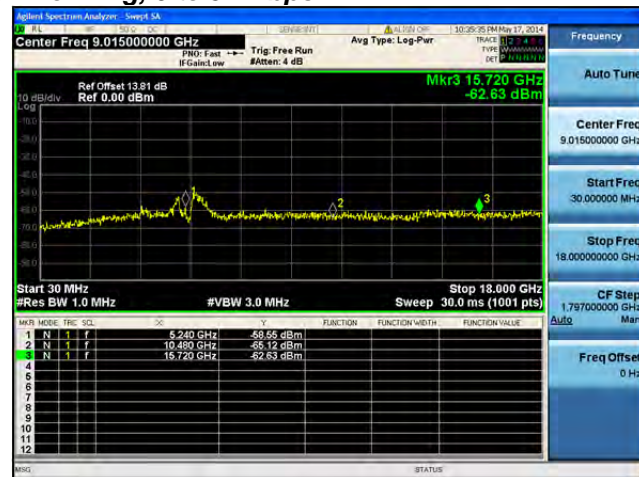
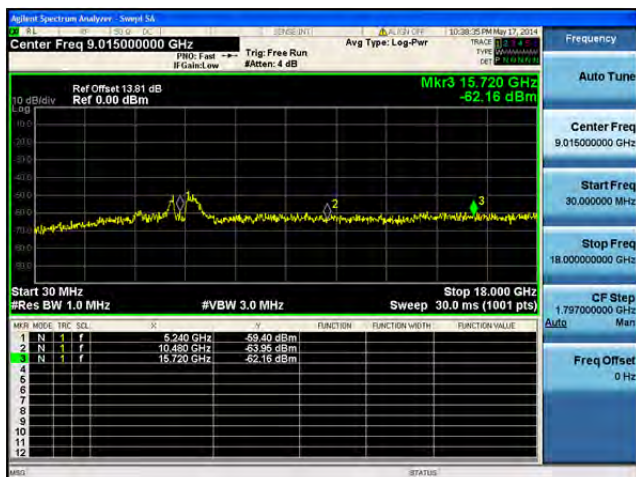
Stop 18.000 GHz  
Sweep 30.0 ms (1001 pts)

MN	MODE	TRF	SCL	OC	F	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f		5.240 GHz	-61.12 dBm		
2	N	1	f		10.480 GHz	-61.92 dBm		
3	N	1	f		15.720 GHz	-62.16 dBm		

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**Conducted Spurs Peak, 5240 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps****Antenna A****Antenna B**

**Conducted Spurs Peak, 5240 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C**

**Ref Offset 13.81 dB**  
**Ref 0.00 dBm**

**Mkr3 15.720 GHz**  
**-62.16 dBm**

**Start 30 MHz**  
**Stop 18,000 GHz**  
**Res BW 1.0 MHz**  
**#VBW 3.0 MHz**  
**Sweep 30.0 ms (1001 pts)**

MARK	MODE	TRIG	SCN	F	dB	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	1	5.240 GHz	-59.97 dBm			
2	N	1	1	10.480 GHz	-62.66 dBm			
3	N	1	1	15.720 GHz	-62.16 dBm			

Agilent Spectrum Analyzer - Image 5A

Center Freq 9.015000000 GHz

PBD: Fast Trig: Free Run

W Coalesc Low #Attten: 4 dB

Avg Type: Log-Pwr

TRACE 1 15.720 GHz

TYPE: Power Spectral Density

UNIT: dBm

10 dB/div

Ref Offset 13.81 dB

Ref 0.00 dBm

Mkr3 15.720 GHz

-62.97 dBm

Start 30 MHz

Res BW 1.0 MHz

#VBW 3.0 MHz

Sweep 30.0 ms (1001 pts)

Stop 18.000 GHz

Frequency

Auto Tune

Center Freq 9.015000000 GHz

Start Freq 30.000000 GHz

Stop Freq 18.000000000 GHz

CF Step 1.797000000 GHz

Auto Man

Freq Offset 0 Hz

**Agilent Spectrum Analyzer - View 54**

2.15 MHz BW 100.000 MHz Freq 111.330.20 PM May 17, 2014

**Center Freq 9.015000000 GHz** **Avg Type: Log-Pwr** **Trig: Free Run** **Ref: 0.00 dBm** **Ref Offset 13.81 dB**

**Mkr3 15.720 GHz** **-62.03 dBm**

**Start 30 MHz** **Stop 18.000 GHz**  
**#Res BW 1.0 MHz** **#VBW 3.0 MHz** **Sweep 30.0 ms (1001 pts)**

MNR	MODE	TRC	SCN	F	F	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.480 GHz	-69.97 dBm			
2	N	1	f	10.480 GHz	-62.88 dBm			
3	N	1	f	15.720 GHz	-62.03 dBm			

**Frequency**  
Auto Tune  
Center Freq 9.015000000 GHz  
Start Freq 30.000000 MHz  
Stop Freq 18.000000000 GHz  
CF Step 1.797000000 GHz  
Auto Man  
Freq Offset 0 Hz

Agilent Spectrum Analyzer - Swept SA

Center Freq 9.015000000 GHz

Ref Offset 13.81 dB  
Ref 0.00 dBm

Mkr2 10.480 GHz  
-61.92 dBm

Start 30 MHz  
#Res BW 1.0 MHz

#VBW 3.0 MHz

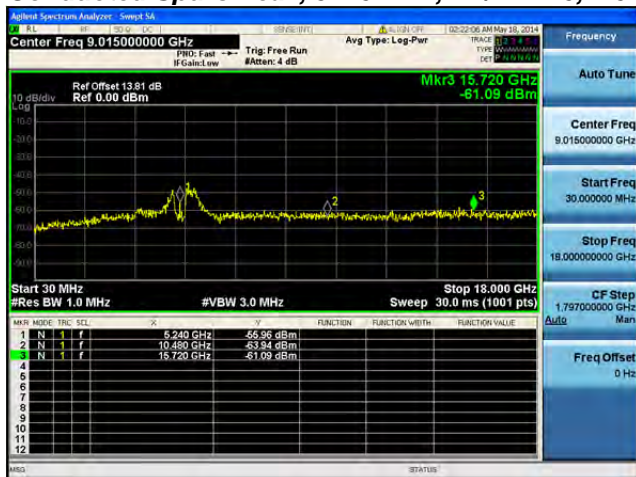
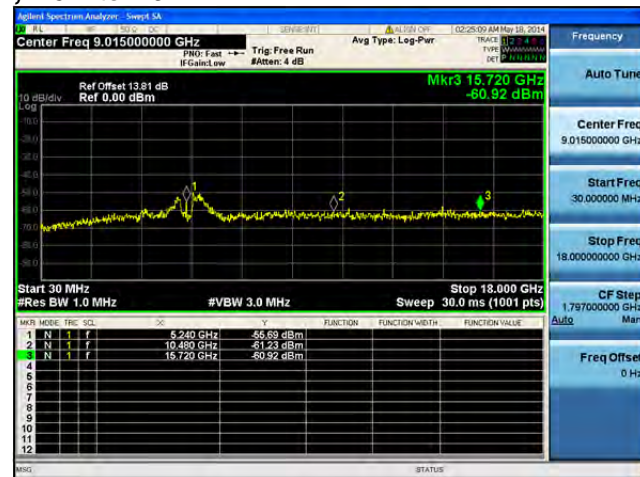
Stop 18.000 GHz  
Sweep 30.0 ms (1001 pts)

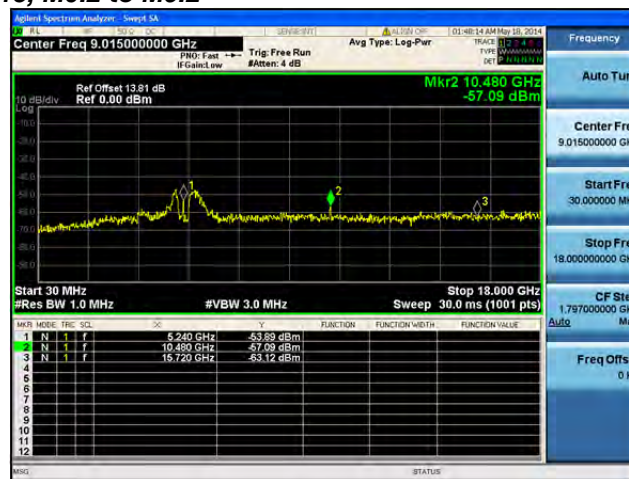
MkR	MODE	TRC	SL	dB	F	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.240	GHz			-51.12 dBm
2	N	1	f	10.480	GHz			-61.92 dBm
3	N	1	f	15.720	GHz			-62.16 dBm

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**Conducted Spurs Peak, 5240 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1****Antenna A**

**Conducted Spurs Peak, 5240 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B**

**Conducted Spurs Peak, 5240 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B**



Agilent Spectrum Analyzer - Screenshot

Center Freq 9.015000000 GHz

Ref Offset 13.81 dB  
Ref 0.00 dBm

Mkr3 15.720 GHz  
-63.33 dBm

Start 30 MHz  
Stop 18.000 GHz  
Res BW 1.0 MHz  
VBW 3.0 MHz  
Sweep 30.0 ms (1001 pts)

MARK	MODE	FREQ	AMPL	UNIT
1	N	6.240 GHz	-59.58	dBm
2	N	10.480 GHz	-64.39	dBm
3	N	15.720 GHz	-63.33	dBm

Agilent Spectrum Analyzer - Sweep 54

Center Freq 9.015000000 GHz

Ref Offset 13.81 dB  
Ref 0.00 dBm

Mkr3 15.720 GHz  
-63.49 dBm

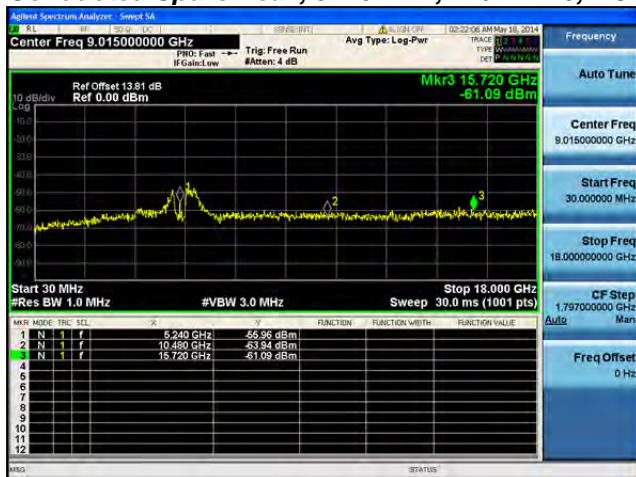
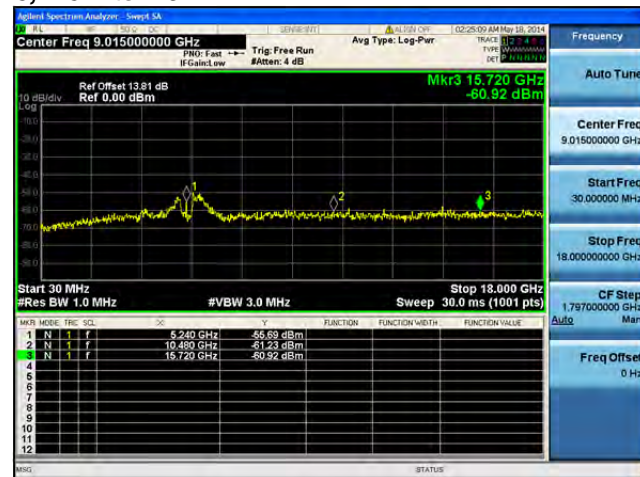
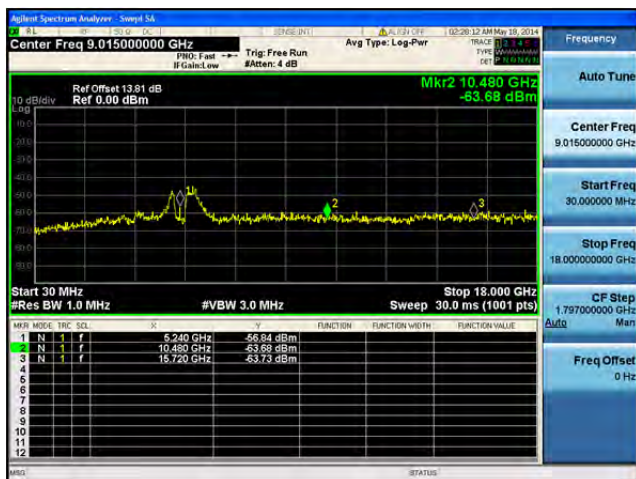
Start 30 MHz  
#Res BW 1.0 MHz

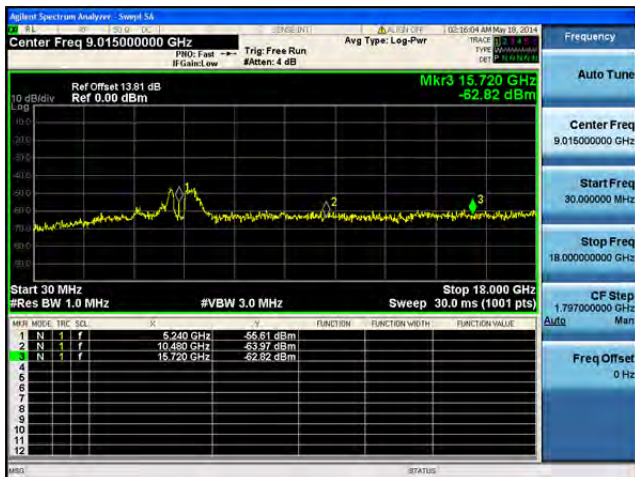
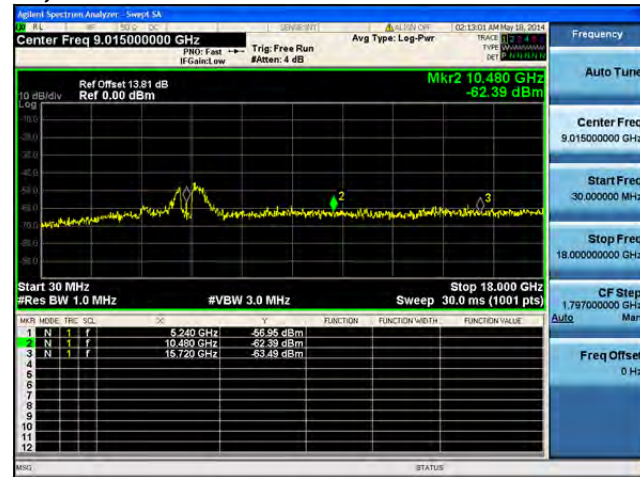
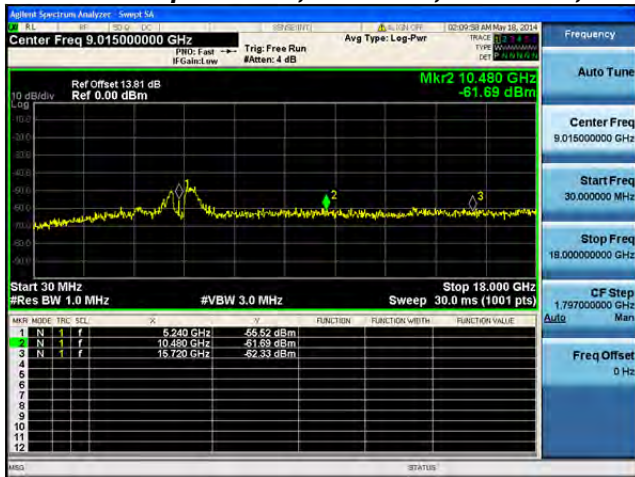
Stop 18.000 GHz  
Sweep 30.0 ms (1001 pts)

MKR	MODE	FREQ	SQL	dB	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	5.240 GHz	-57.31 dBm					
2	N	10.480 GHz	-63.83 dBm					
3	N	15.720 GHz	-63.49 dBm					

[illegible]

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**Conducted Spurs Peak, 5240 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C**

**Conducted Spurs Peak, 5240 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3**



[illegible]

Agilent Spectrum Analyzer - Sweep 1A

Center Freq 9.015000000 GHz

Ref Offset 13.81 dB  
Ref 0.00 dBm

Mkr3 15.720 GHz  
-61.98 dBm

Start 30 MHz  
#Res BW 1.0 MHz

#VBW 3.0 MHz

Sweep 30.0 ms (1001 pts)

MNR	MODE	FREQ	SQL	dB	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	1	5.210 GHz	-69.72 dBm			
2	N	1	1	10.480 GHz	-63.09 dBm			
3	N	1	1	15.720 GHz	-61.98 dBm			

**Signal Spectrum Analyzer - Signal S4**

Center Freq 9.015000000 GHz      Avg Type: Log-Pwr      TRIGGER [ ] [ ] [ ] [ ] [ ]  
 PHN: Fast → Trig: Free Run      ATTEN: 4 dB      TYPE [ ] [ ] [ ] [ ] [ ]  
 IF Gain: Low      RES [ ] [ ] [ ] [ ] [ ]      REF P [ ] [ ] [ ] [ ] [ ]

Ref Offset 13.81 dB  
 Ref 0.00 dBm

Mkr3 15.720 GHz  
 -61.51 dBm

Start 30 MHz      Stop 18.000 GHz  
 Res BW 1.0 MHz      #VBW 3.0 MHz      Sweep 30.0 ms (1001 pts)

MNR	MODE	TRE	SCL	FREQ	A	V	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	-1	f	5.480 GHz	-61.53 dBm				
2	N	-1	f	10.480 GHz	-64.17 dBm				
3	N	-1	f	15.720 GHz	-61.51 dBm				

Agilent Spectrum Analyzer - Sweep 5A

100.000 MHz 103.4325 AM May 18, 2014 LOGO

Center Freq 9.015000000 GHz Avg Type: Log-Pwr

PRO: Fast → Trig: Free Run #Att: 4 dB

Ref Offset 13.81 dB Ref 0.00 dBm

Mkr2 10.480 GHz -62.43 dBm

Start 30 MHz Stop 18.000 GHz  
#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 30.0 ms (1001 pts)

MkR	MODE	TRC	SL	F	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	9.240 GHz			-60.43 dBm
2	N	1	f	10.480 GHz			-62.43 dBm
3	N	1	f	15.720 GHz			-63.01 dBm

Frequency

Auto Tune

Center Freq 9.015000000 GHz

Start Freq 30.000000 MHz

Stop Freq 18.000000000 GHz

CF Step 1.797000000 GHz

Auto Man

Freq Offset 0 Hz

STATUS

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[illegible]

Signal Spectrum Analyzer - Setup 1A

Center Freq 9.015000000 GHz

PRO: Fast Trig: Free Run #Aver: 4 dB

Avg Type: Log-Pwr

Ref Offset 13.81 dB

Ref 0.00 dBm

Mkr3 15.720 GHz -63.49 dBm

Start 30 MHz

#Res BW 1.0 MHz

#VBW 3.0 MHz

Stop 18.000 GHz

Sweep 30.0 ms (1001 pts)

Mkrs	More	Freq	Span	Y	Function	Function Width	Function Value
1	N	1	f	5.240 GHz	-57.81 dBm		
2	N	1	f	10.480 GHz	-63.33 dBm		
3	N	1	f	15.720 GHz	-63.49 dBm		

[illegible]

**Spectrum Analyzer**

Center Freq 9.015000000 GHz  
 Ref Offset 13.81 dB  
 Ref 0.00 dBm

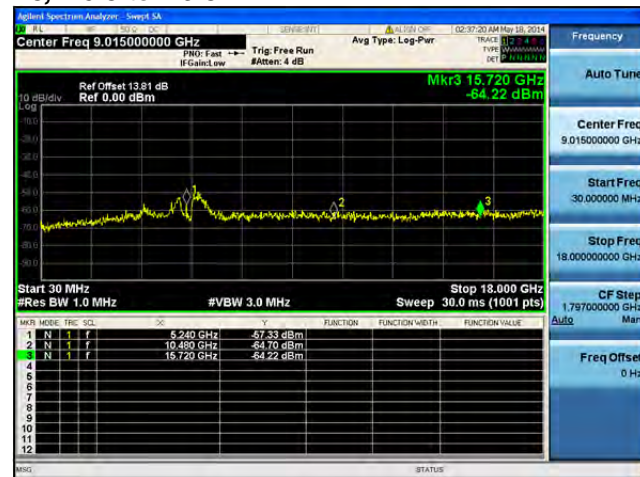
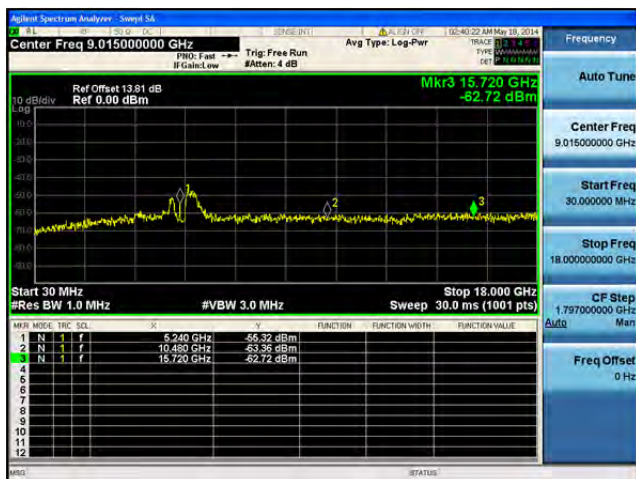
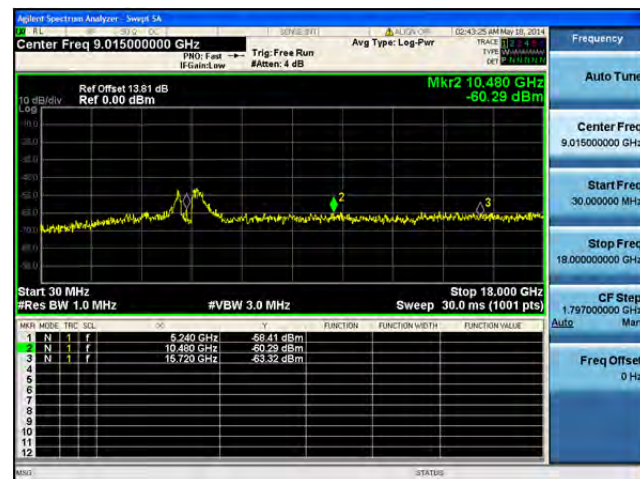
Mkr3 15.720 GHz  
 -62.99 dBm

Start 30 MHz  
 #Res BW 1.0 MHz  
 #VBW 3.0 MHz  
 Sweep 30.0 ms (1001 pts)

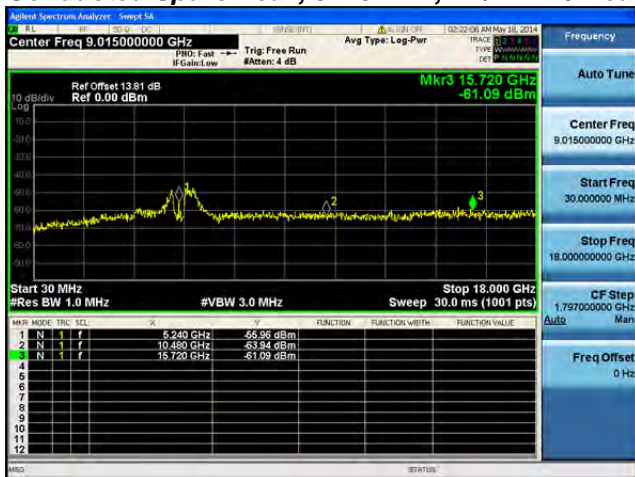
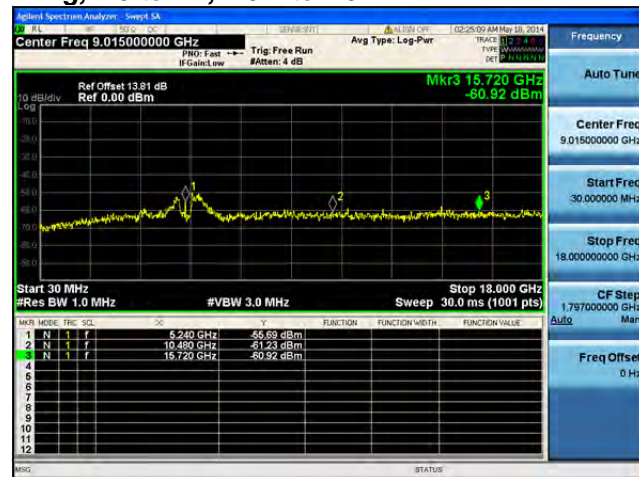
MARKER	FREQ	POWER	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	5.240 GHz	-59.84 dBm			
2	10.480 GHz	-64.14 dBm			
3	15.720 GHz	-62.99 dBm			

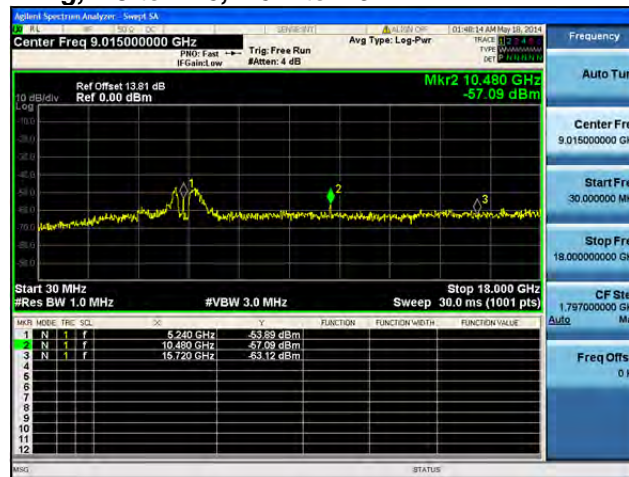
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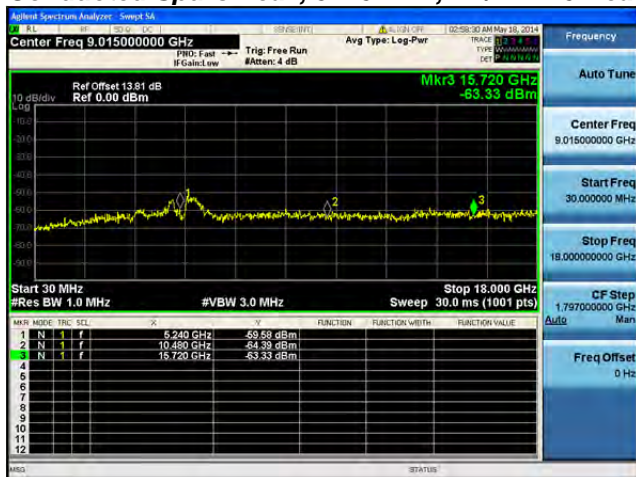
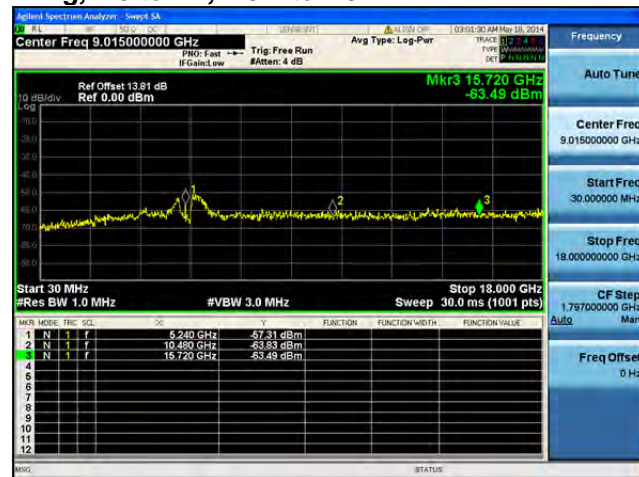
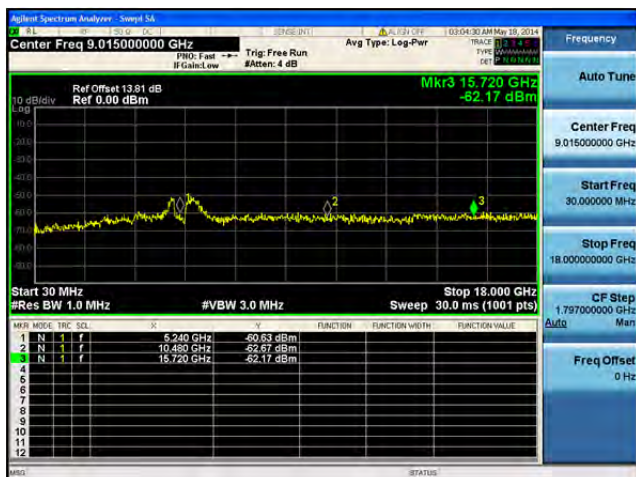


**Conducted Spurs Peak, 5240 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C****Antenna D**

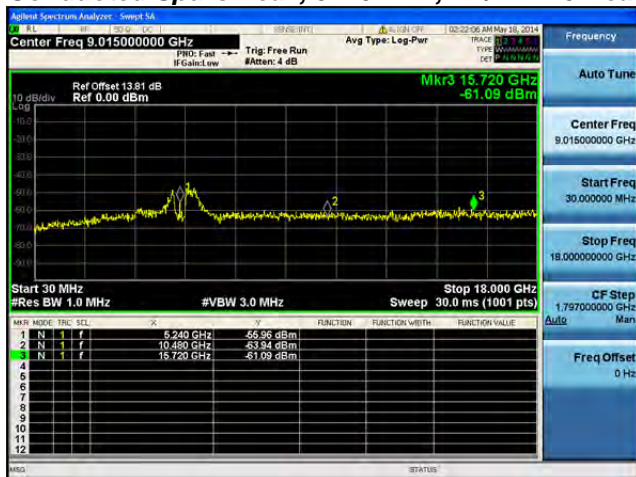
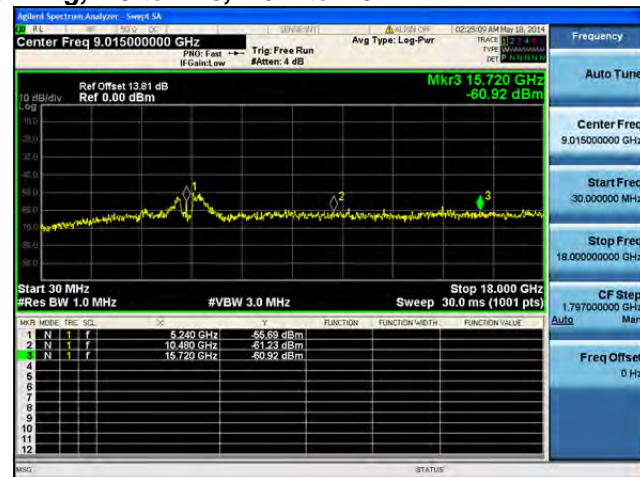
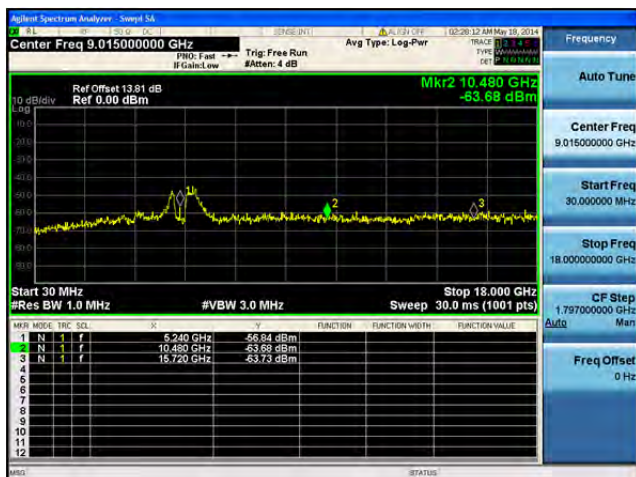


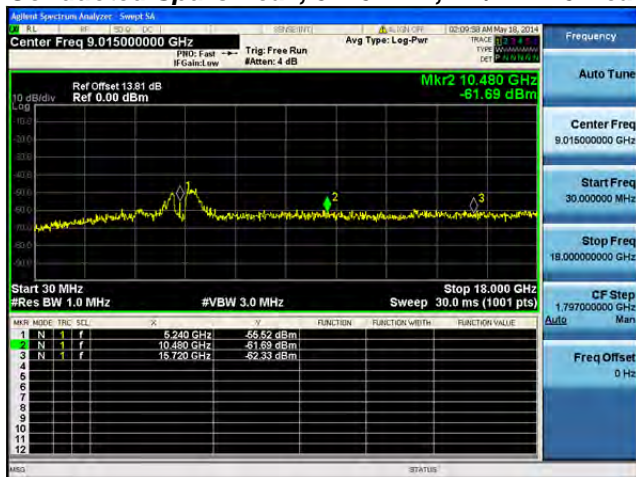
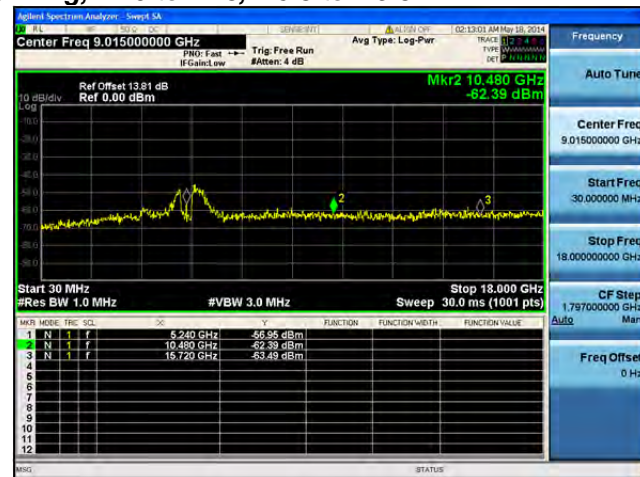
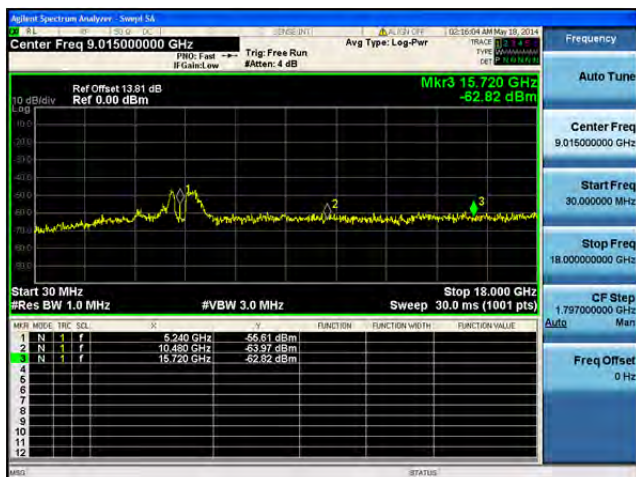
**Conducted Spurs Peak, 5240 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B**

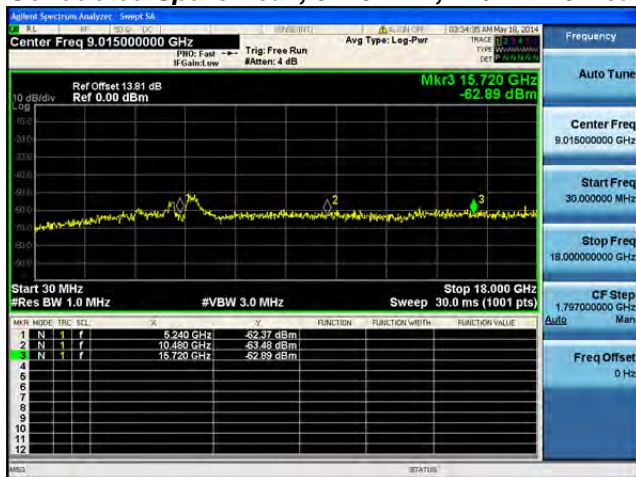
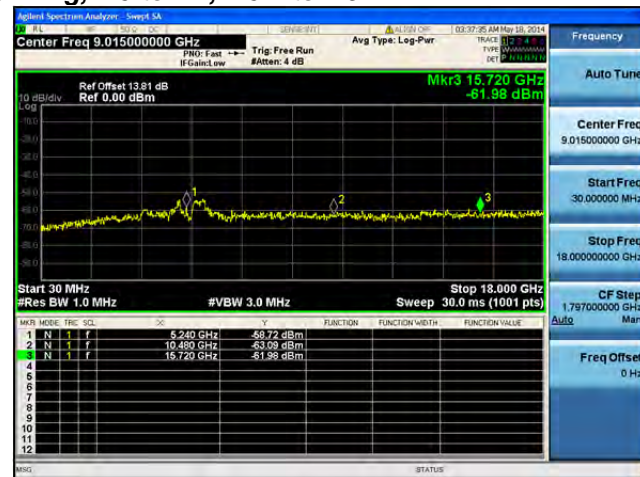
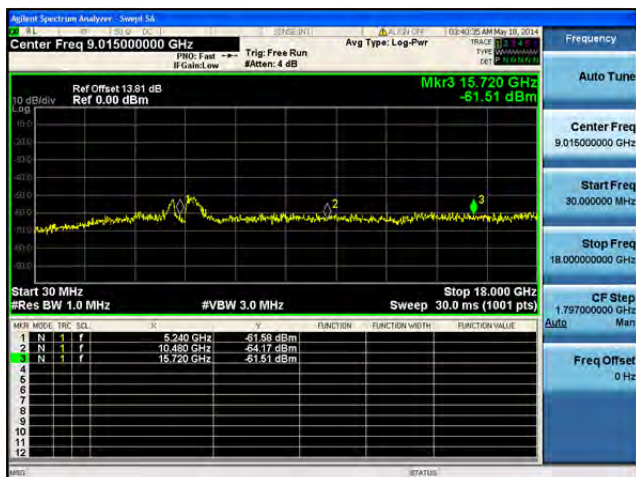
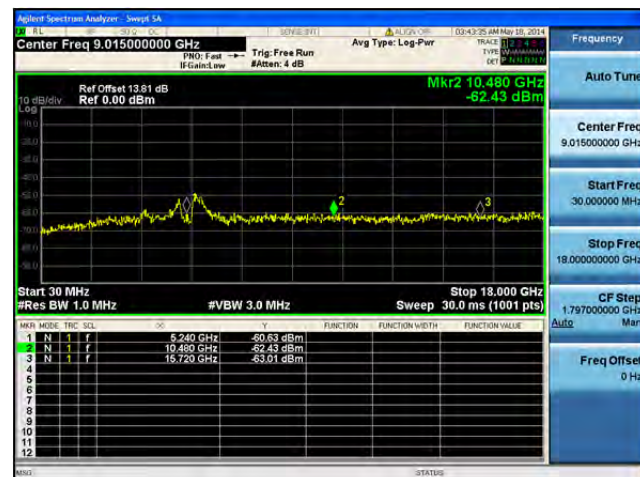
**Conducted Spurs Peak, 5240 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B**

**Conducted Spurs Peak, 5240 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C**

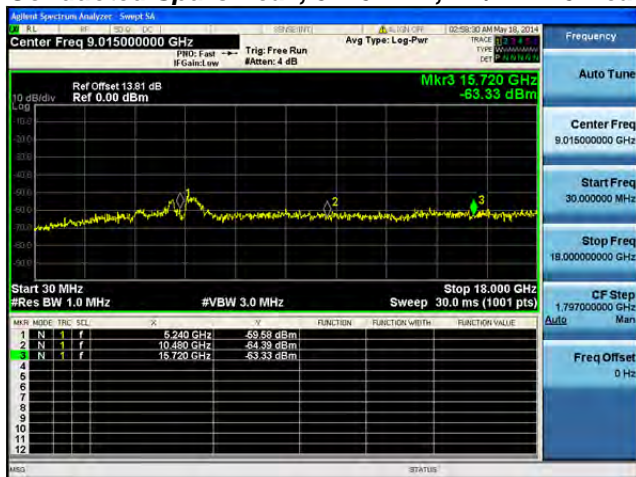
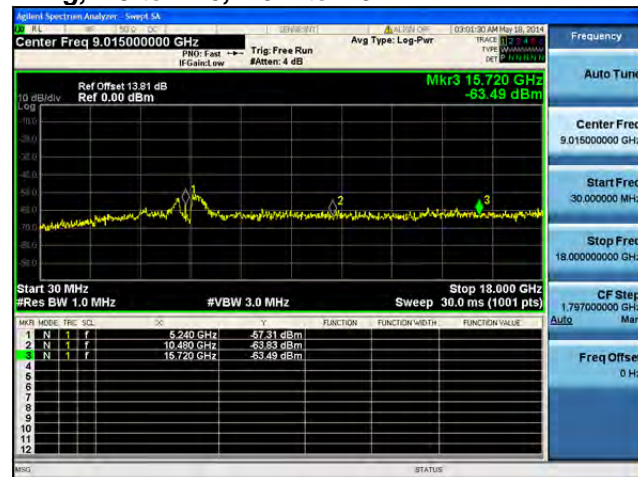
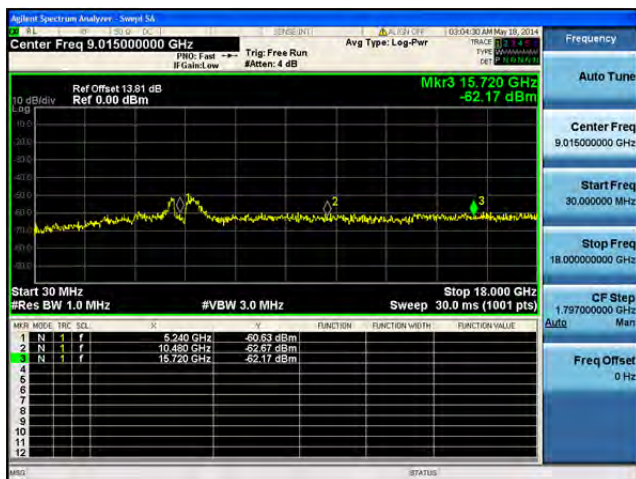
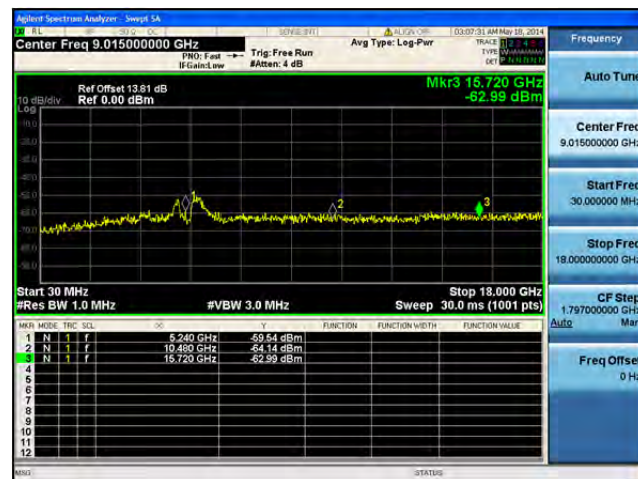


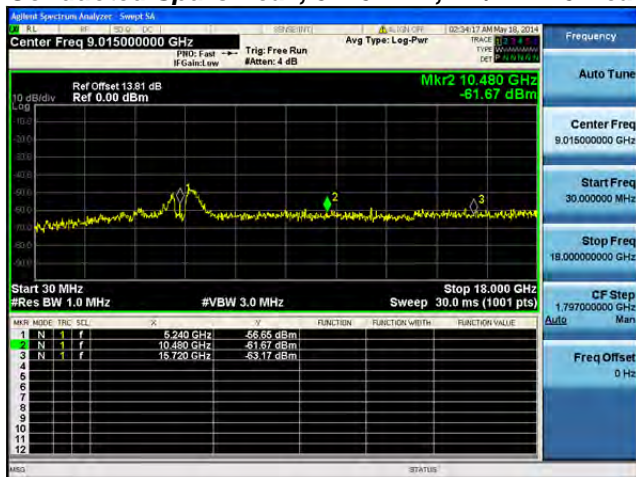
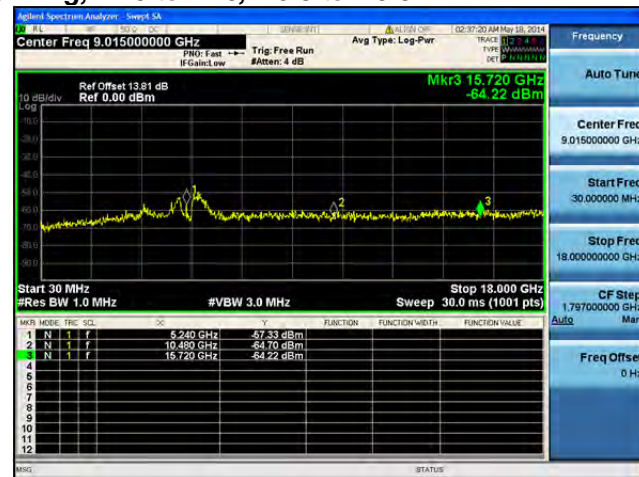
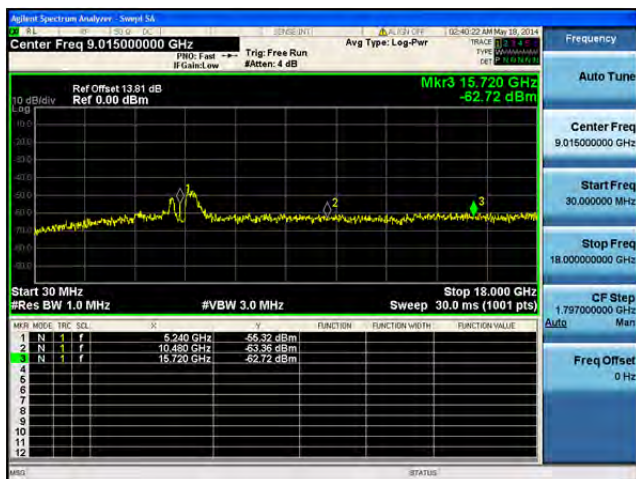
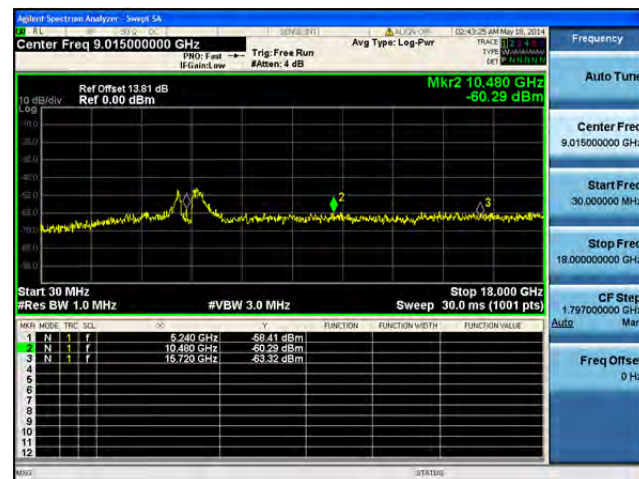
**Conducted Spurs Peak, 5240 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C**

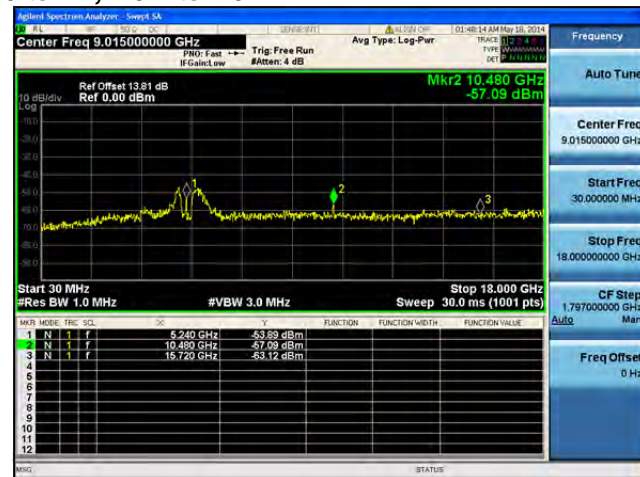
**Conducted Spurs Peak, 5240 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C**

**Conducted Spurs Peak, 5240 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

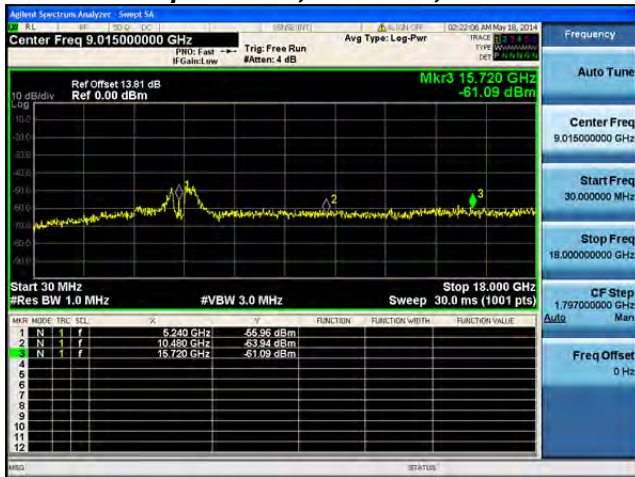
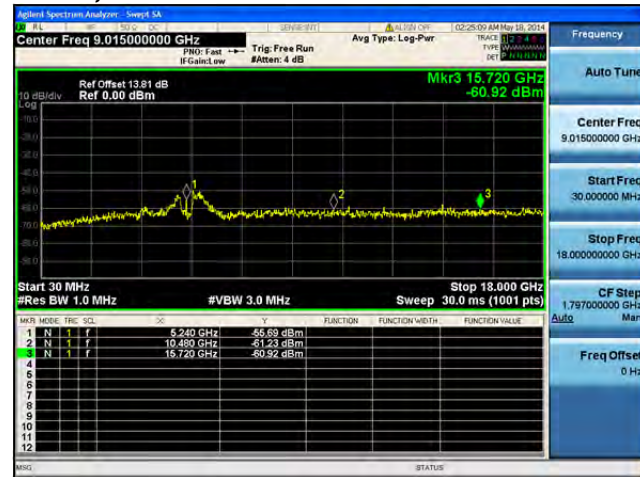
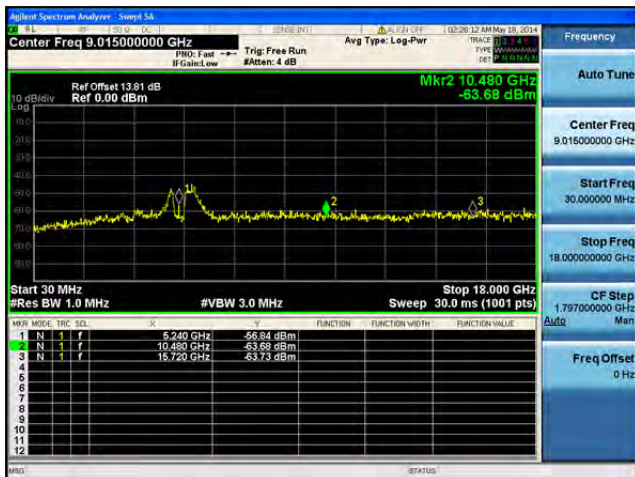


**Conducted Spurs Peak, 5240 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C****Antenna D**

**Conducted Spurs Peak, 5240 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C****Antenna D**

**Conducted Spurs Peak, 5240 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B**



**Conducted Spurs Peak, 5240 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C**

**Spectrum Analyzer Screenshot Data:**

- Center Freq:** 9.015000000 GHz
- Ref Offset:** 13.81 dB
- Ref:** 0.00 dBm
- Mkr3:** 15.720 GHz, -63.33 dBm
- Start:** 30 MHz
- Stop:** 18,000 GHz
- #Res BW:** 1.0 MHz
- #VBW:** 3.0 MHz
- Sweep:** 30.0 ms (1001 pts)

MARK	MODE	FREQ	LEVEL	FUNCTION	FUNCTION WITH	FUNCTION VALUE
1	N	1	f			
2	N	1	f			
3	N	1	f			
4						
5						
6						
7						
8						
9						
10						
11						
12						

Agilent Spectrum Analyzer - Sweep 1A

Center Freq 9.015000000 GHz

Ref Offset 13.81 dB  
Ref 0.00 dBm

Mkr3 15.720 GHz  
-63.49 dBm

Start 30 MHz  
#Res BW 1.0 MHz

#VBW 3.0 MHz

Sweep 30.0 ms (1001 pts)

Stop 18.000 GHz

MKR	MODE	FREQ	SQL	dB	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	1	5.210 GHz	-61.51 dBm			
2	N	1	1	10.480 GHz	-63.83 dBm			
3	N	1	1	15.720 GHz	-63.49 dBm			

[illegible]

Agilent Spectrum Analyzer - Sweep 5A

Center Freq 9.015000000 GHz

Ref Offset 13.81 dB  
Ref 0.00 dBm

Mkr3 15.720 GHz  
-62.99 dBm

Start 30 MHz  
#Res BW 1.0 MHz

#VBW 3.0 MHz

Sweep 30.0 ms (1001 pts)

MNR	MODE	TRF	SCL	Q	F	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f		9.240 GHz			-53.54 dBm
2	N	1	f		10.480 GHz			-54.14 dBm
3	N	1	f		15.720 GHz			-62.99 dBm

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## Conducted Bandedge

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

Connect the antenna port(s) to the spectrum analyzer input. Place the radio in continuous transmit mode. Be sure to enter all losses between the transmitter output and the spectrum analyzer.

Reference Level:	10 dBm
Attenuation:	4 dB
Sweep Time:	Coupled
Resolution Bandwidth:	1MHz
Video Bandwidth:	100 Hz for average
Detector:	Peak

Save 2 plots: 1) Average Plot (Vertical and Horizontal), Limit= -41.25 dBm eirp (54dBuV @3m)  
2) Peak plot (Vertical and Horizontal), Limit = -27 dBm eirp (68dBuV @3m)

Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands.

The "measure-and-sum technique" is used for measuring in-band transmit power of a device. In the measure-and-sum approach, the conducted emission level is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically to determine the total emission level from the device. Summing is performed in linear power units.

This report represents the worst case data for all supported operating modes and antennas.





Frequency (MHz)	Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Bandedge Level (dBm)	Tx 2 Bandedge Level (dBm)	Tx 3 Bandedge Level (dBm)	Tx 4 Bandedge Level (dBm)	Total Tx Bandedge Level (dBm)	Limit (dBm)	Margin (dB)
5180	Non HT/VHT20, 6 to 54 Mbps	1	7	-51.2				-44.2	-41.25	3.0
	Non HT/VHT20, 6 to 54 Mbps	2	7	-52.7	-53.2			-42.9	-41.25	1.7
	Non HT/VHT20, 6 to 54 Mbps	3	7	-56.5	-55.8	-56.5		-44.5	-41.25	3.2
	Non HT/VHT20, 6 to 54 Mbps	4	7	-60.7	-60.5	-59.3	-60.0	-47.1	-41.25	5.8
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	2	10	-54.3	-55.2			-41.7	-41.25	0.5
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	3	12	-57.5	-58.1	-58.3		-41.4	-41.25	0.1
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	4	13	-61.7	-61.3	-60.6	-59.2	-41.6	-41.25	0.3
	HT/VHT20, M0 to M7, M0.1 to M9.1	1	7	-50.0				-43.0	-41.25	1.8
	HT/VHT20, M0 to M7, M0.1 to M9.1	2	7	-52.1	-52.5			-42.3	-41.25	1.0
	HT/VHT20, M8 to M15, M0.2 to M9.2	2	7	-52.1	-52.5			-42.3	-41.25	1.0
	HT/VHT20, M0 to M7, M0.1 to M9.1	3	7	-57.8	-56.2	-57.2		-45.2	-41.25	4.0
	HT/VHT20, M8 to M15, M0.2 to M9.2	3	7	-54.0	-54.0	-52.9		-41.8	-41.25	0.6
	HT/VHT20, M16 to M23, M0.3 to M9.3	3	7	-54.0	-54.0	-52.9		-41.8	-41.25	0.6
	HT/VHT20, M0 to M7, M0.1 to M9.1	4	7	-60.0	-58.2	-57.7	-59.6	-45.8	-41.25	4.5
	HT/VHT20, M8 to M15, M0.2 to M9.2	4	7	-57.6	-57.3	-55.8	-54.3	-43.0	-41.25	1.8
	HT/VHT20, M16 to M23, M0.3 to M9.3	4	7	-57.6	-57.3	-55.8	-54.3	-43.0	-41.25	1.8
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	2	10	-57.6	-57.3			-44.4	-41.25	3.2
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	2	7	-52.1	-52.5			-42.3	-41.25	1.0
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	3	12	-58.9	-58.3	-56.7		-41.3	-41.25	0.0
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	3	9	-57.6	-57.3	-55.8		-43.3	-41.25	2.0
	HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	3	7	-54.0	-54.0	-52.9		-41.8	-41.25	0.6
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	4	13	-61.5	-61.3	-60.6	-61.5	-42.2	-41.25	0.9
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	4	10	-58.9	-58.3	-56.7	-56.8	-41.6	-41.25	0.3
	HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	4	8	-57.6	-57.3	-55.8	-54.3	-41.8	-41.25	0.6
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	2	7	-52.1	-52.5			-42.3	-41.25	1.0
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	3	7	-54.0	-54.0	-52.9		-41.8	-41.25	0.6
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	4	7	-57.6	-57.3	-55.8	-54.3	-43.0	-41.25	1.8
5190	Non HT/VHT40, 6 to 54 Mbps	1	7	-49.1				-42.1	-41.25	0.9
	Non HT/VHT40, 6 to 54 Mbps	2	7	-53.6	-52.9			-43.2	-41.25	2.0
	Non HT/VHT40, 6 to 54 Mbps	3	7	-54.4	-53.8	-52.6		-41.8	-41.25	0.5
	Non HT/VHT40, 6 to 54 Mbps	4	7	-56.2	-55.3	-53.6	-53.8	-41.6	-41.25	0.3
	HT/VHT40, M0 to M7, M0.1 to M9.1	1	7	-48.4				-41.4	-41.25	0.1
	HT/VHT40, M0 to M7, M0.1 to M9.1	2	7	-51.9	-51.2			-41.5	-41.25	0.3



	HT/VHT40, M8 to M15, M0.2 to M9.2	2	7	-51.9	-51.2			-41.5	-41.25	0.3
	HT/VHT40, M0 to M7, M0.1 to M9.1	3	7	-54.5	-53.8	-52.4		-41.7	-41.25	0.5
	HT/VHT40, M8 to M15, M0.2 to M9.2	3	7	-54.5	-53.8	-52.4		-41.7	-41.25	0.5
	HT/VHT40, M16 to M23, M0.3 to M9.3	3	7	-54.5	-53.8	-52.4		-41.7	-41.25	0.5
	HT/VHT40, M0 to M7, M0.1 to M9.1	4	7	-56.5	-55.5	-54.0	-53.5	-41.7	-41.25	0.4
	HT/VHT40, M8 to M15, M0.2 to M9.2	4	7	-56.5	-55.5	-54.0	-53.5	-41.7	-41.25	0.4
	HT/VHT40, M16 to M23, M0.3 to M9.3	4	7	-56.5	-55.5	-54.0	-53.5	-41.7	-41.25	0.4
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	2	10	-56.5	-55.5			-43.0	-41.25	1.7
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	2	7	-51.9	-51.2			-41.5	-41.25	0.3
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	3	12	-58.6	-58.7	-57.6		-41.7	-41.25	0.4
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	3	9	-56.5	-55.5	-54.0		-41.6	-41.25	0.4
	HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3	3	7	-54.5	-53.8	-52.4		-41.7	-41.25	0.5
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	4	13	-61.1	-60.6	-60.6	-60.3	-41.6	-41.25	0.4
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	4	10	-58.6	-58.7	-57.6	-56.7	-41.8	-41.25	0.6
	HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3	4	8	-57.6	-57.4	-55.8	-55.1	-42.1	-41.25	0.9
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	2	7	-51.9	-51.2			-41.5	-41.25	0.3
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	3	7	-54.5	-53.8	-52.4		-41.7	-41.25	0.5
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	4	7	-56.5	-55.5	-54.0	-53.5	-41.7	-41.25	0.4
5210	Non HT/VHT80, 6 to 54 Mbps	1	7	-48.8				-41.8	-41.25	0.6
	Non HT/VHT80, 6 to 54 Mbps	2	7	-53.3	-51.5			-42.3	-41.25	1.0
	Non HT/VHT80, 6 to 54 Mbps	3	7	-54.7	-54.2	-52.9		-42.1	-41.25	0.8
	Non HT/VHT80, 6 to 54 Mbps	4	7	-56.3	-54.5	-54.0	-54.9	-41.8	-41.25	0.6
	HT/VHT80, M0 to M7, M0.1 to M9.1	1	7	-49.3				-42.3	-41.25	1.1
	HT/VHT80, M0 to M7, M0.1 to M9.1	2	7	-51.9	-51.2			-41.5	-41.25	0.3
	HT/VHT80, M8 to M15, M0.2 to M9.2	2	7	-51.9	-51.2			-41.5	-41.25	0.3
	HT/VHT80, M0 to M7, M0.1 to M9.1	3	7	-54.5	-53.7	-52.8		-41.8	-41.25	0.6
	HT/VHT80, M8 to M15, M0.2 to M9.2	3	7	-54.5	-53.7	-52.8		-41.8	-41.25	0.6
	HT/VHT80, M16 to M23, M0.3 to M9.3	3	7	-54.5	-53.7	-52.8		-41.8	-41.25	0.6
	HT/VHT80, M0 to M7, M0.1 to M9.1	4	7	-56.4	-55.0	-54.3	-52.9	-41.4	-41.25	0.2
	HT/VHT80, M8 to M15, M0.2 to M9.2	4	7	-56.4	-55.0	-54.3	-52.9	-41.4	-41.25	0.2
	HT/VHT80, M16 to M23, M0.3 to M9.3	4	7	-56.4	-55.0	-54.3	-52.9	-41.4	-41.25	0.2
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	2	10	-56.4	-55.0			-42.6	-41.25	1.4
	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	2	7	-51.9	-51.2			-41.5	-41.25	0.3
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	3	12	-58.9	-58.7	-57.4		-41.7	-41.25	0.5
	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	3	9	-56.4	-55.0	-54.3		-41.6	-41.25	0.3
	HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3	3	7	-54.5	-53.7	-52.8		-41.8	-41.25	0.6
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	4	13	-61.6	-61.0	-60.0	-59.5	-41.4	-41.25	0.2
	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	4	10	-58.9	-58.7	-57.4	-58.2	-42.2	-41.25	1.0
	HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3	4	8	-57.1	-55.9	-55.5	-55.4	-41.7	-41.25	0.5
	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	2	7	-51.9	-51.2			-41.5	-41.25	0.3



	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	3	7	-54.5	-53.7	-52.8		-41.8	-41.25	0.6
	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	4	7	-56.4	-55.0	-54.3	-52.9	-41.4	-41.25	0.2





Frequency (MHz)	Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Bandedge Level (dBm)	Tx 2 Bandedge Level (dBm)	Tx 3 Bandedge Level (dBm)	Tx 4 Bandedge Level (dBm)	Total Tx Bandedge Level (dBm)	Limit (dBm)	Margin (dB)
5180	Non HT/VHT20, 6 to 54 Mbps	1	7	-40.9				-33.9	-27	6.9
	Non HT/VHT20, 6 to 54 Mbps	2	7	-40.5	-38.6			-29.4	-27	2.4
	Non HT/VHT20, 6 to 54 Mbps	3	7	-46.4	-47.5	-45.7		-34.7	-27	7.7
	Non HT/VHT20, 6 to 54 Mbps	4	7	-51.0	-49.3	-48.5	-47.8	-36.0	-27	9.0
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	2	10	-46.0	-42.8			-31.1	-27	4.1
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	3	12	-51.0	-48.5	-46.4		-31.7	-27	4.7
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	4	13	-51.0	-53.6	-50.1	-50.5	-32.1	-27	5.1
	HT/VHT20, M0 to M7, M0.1 to M9.1	1	7	-39.3				-32.3	-27	5.3
	HT/VHT20, M0 to M7, M0.1 to M9.1	2	7	-44.2	-43.1			-33.6	-27	6.6
	HT/VHT20, M8 to M15, M0.2 to M9.2	2	7	-44.2	-43.1			-33.6	-27	6.6
	HT/VHT20, M0 to M7, M0.1 to M9.1	3	7	-47.2	-45.6	-48.4		-35.1	-27	8.1
	HT/VHT20, M8 to M15, M0.2 to M9.2	3	7	-44.2	-43.1	-35.2		-27.1	-27	0.1
	HT/VHT20, M16 to M23, M0.3 to M9.3	3	7	-44.2	-43.1	-35.2		-27.1	-27	0.1
	HT/VHT20, M0 to M7, M0.1 to M9.1	4	7	-49.8	-48.4	-49.8	-46.5	-35.4	-27	8.4
	HT/VHT20, M8 to M15, M0.2 to M9.2	4	7	-44.5	-44.4	-42.9	-41.2	-30.0	-27	3.0
	HT/VHT20, M16 to M23, M0.3 to M9.3	4	7	-44.5	-44.4	-42.9	-41.2	-30.0	-27	3.0
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	2	10	-44.5	-44.4			-31.4	-27	4.4
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	2	7	-44.2	-43.1			-33.6	-27	6.6
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	3	12	-48.1	-45.3	-45.1		-29.4	-27	2.4
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	3	9	-44.5	-44.4	-42.9		-30.3	-27	3.3
	HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	3	7	-44.2	-43.1	-35.2		-27.1	-27	0.1
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	4	13	-51.0	-52.7	-51.3	-52.3	-32.7	-27	5.7
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	4	10	-48.1	-45.3	-45.1	-45.8	-29.9	-27	2.9
	HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	4	8	-44.5	-44.4	-42.9	-41.2	-28.8	-27	1.8
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	2	7	-44.2	-43.1			-33.6	-27	6.6
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	3	7	-44.2	-43.1	-35.2		-27.1	-27	0.1
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	4	7	-44.5	-44.4	-42.9	-41.2	-30.0	-27	3.0
5190	Non HT/VHT40, 6 to 54 Mbps	1	7	-35.0				-28.0	-27	1.0
	Non HT/VHT40, 6 to 54 Mbps	2	7	-41.5	-44.5			-32.7	-27	5.7
	Non HT/VHT40, 6 to 54 Mbps	3	7	-46.6	-36.2	-43.3		-28.1	-27	1.1
	Non HT/VHT40, 6 to 54 Mbps	4	7	-45.0	-40.9	-44.7	-40.0	-29.1	-27	2.1
	HT/VHT40, M0 to M7, M0.1 to M9.1	1	7	-36.5				-29.5	-27	2.5
	HT/VHT40, M0 to M7, M0.1 to M9.1	2	7	-42.7	-40.9			-31.7	-27	4.7

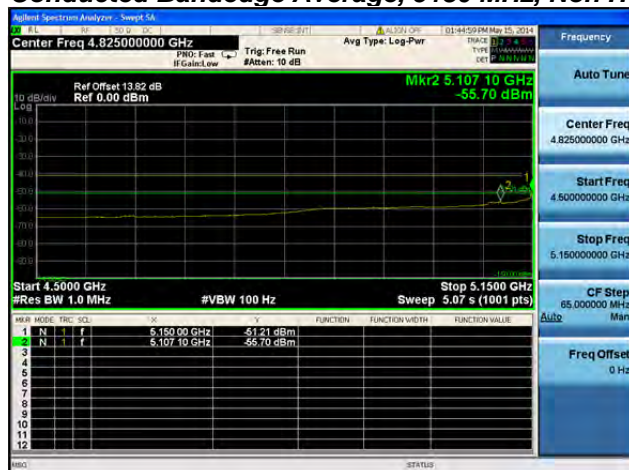


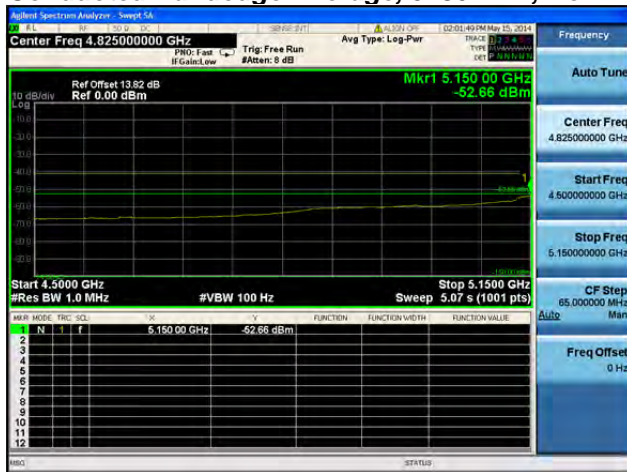
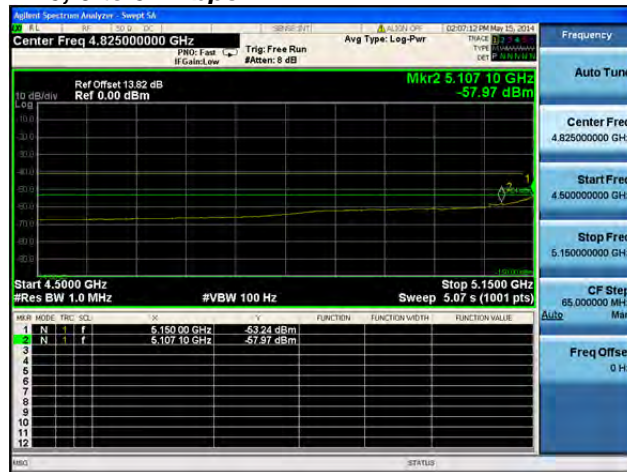
	HT/VHT40, M8 to M15, M0.2 to M9.2	2	7	-42.7	-40.9			-31.7	-27	4.7
	HT/VHT40, M0 to M7, M0.1 to M9.1	3	7	-45.7	-45.7	-44.2		-33.4	-27	6.4
	HT/VHT40, M8 to M15, M0.2 to M9.2	3	7	-45.7	-45.7	-44.2		-33.4	-27	6.4
	HT/VHT40, M16 to M23, M0.3 to M9.3	3	7	-45.7	-45.7	-44.2		-33.4	-27	6.4
	HT/VHT40, M0 to M7, M0.1 to M9.1	4	7	-47.1	-45.5	-48.1	-44.1	-32.9	-27	5.9
	HT/VHT40, M8 to M15, M0.2 to M9.2	4	7	-47.1	-45.5	-48.1	-44.1	-32.9	-27	5.9
	HT/VHT40, M16 to M23, M0.3 to M9.3	4	7	-47.1	-45.5	-48.1	-44.1	-32.9	-27	5.9
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	2	10	-47.1	-45.5			-33.2	-27	6.2
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	2	7	-42.7	-40.9			-31.7	-27	4.7
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	3	12	-52.2	-50.2	-48.7		-33.6	-27	6.6
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	3	9	-47.1	-45.5	-48.1		-33.2	-27	6.2
	HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3	3	7	-45.7	-45.7	-44.2		-33.4	-27	6.4
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	4	13	-50.9	-49.4	-52.2	-50.1	-31.5	-27	4.5
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	4	10	-52.2	-50.2	-48.7	-50.5	-34.2	-27	7.2
	HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3	4	8	-47.7	-48.3	-48.6	-46.1	-33.3	-27	6.3
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	2	7	-42.7	-40.9			-31.7	-27	4.7
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	3	7	-45.7	-45.7	-44.2		-33.4	-27	6.4
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	4	7	-47.1	-45.5	-48.1	-44.1	-32.9	-27	5.9
5210	Non HT/VHT80, 6 to 54 Mbps	1	7	-42.8				-35.8	-27	8.8
	Non HT/VHT80, 6 to 54 Mbps	2	7	-46.8	-45.3			-36.0	-27	9.0
	Non HT/VHT80, 6 to 54 Mbps	3	7	-45.8	-45.7	-45.8		-34.0	-27	7.0
	Non HT/VHT80, 6 to 54 Mbps	4	7	-46.5	-45.6	-45.9	-46.1	-33.0	-27	6.0
	HT/VHT80, M0 to M7, M0.1 to M9.1	1	7	-40.8				-33.8	-27	6.8
	HT/VHT80, M0 to M7, M0.1 to M9.1	2	7	-41.9	-41.3			-31.6	-27	4.6
	HT/VHT80, M8 to M15, M0.2 to M9.2	2	7	-41.9	-41.3			-31.6	-27	4.6
	HT/VHT80, M0 to M7, M0.1 to M9.1	3	7	-43.9	-44.8	-40.0		-30.6	-27	3.6
	HT/VHT80, M8 to M15, M0.2 to M9.2	3	7	-43.9	-44.8	-40.0		-30.6	-27	3.6
	HT/VHT80, M16 to M23, M0.3 to M9.3	3	7	-43.9	-44.8	-40.0		-30.6	-27	3.6
	HT/VHT80, M0 to M7, M0.1 to M9.1	4	7	-48.6	-43.1	-44.0	-38.8	-29.3	-27	2.3
	HT/VHT80, M8 to M15, M0.2 to M9.2	4	7	-48.6	-43.1	-44.0	-38.8	-29.3	-27	2.3
	HT/VHT80, M16 to M23, M0.3 to M9.3	4	7	-48.6	-43.1	-44.0	-38.8	-29.3	-27	2.3
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	2	10	-48.6	-43.1			-32.0	-27	5.0
	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	2	7	-41.9	-41.3			-31.6	-27	4.6
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	3	12	-50.0	-49.0	-50.4		-33.2	-27	6.2
	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	3	9	-48.6	-43.1	-44.0		-31.1	-27	4.1
	HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3	3	7	-43.9	-44.8	-40.0		-30.6	-27	3.6
	HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1	4	13	-52.0	-50.4	-51.7	-50.3	-32.0	-27	5.0
	HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2	4	10	-50.0	-49.0	-50.4	-48.5	-33.4	-27	6.4
	HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3	4	8	-46.4	-44.8	-48.2	-43.7	-31.2	-27	4.2
	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	2	7	-41.9	-41.3			-31.6	-27	4.6

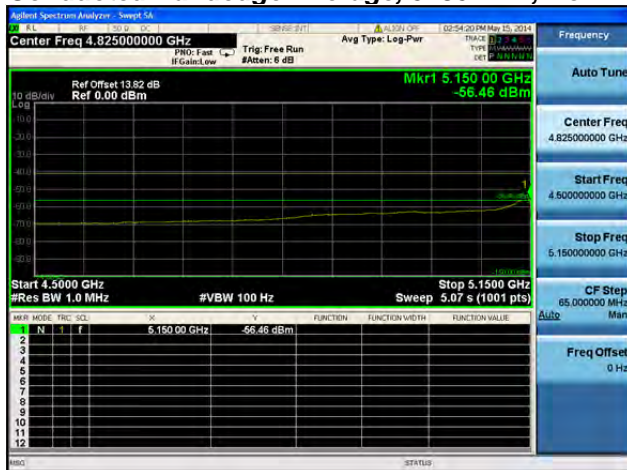
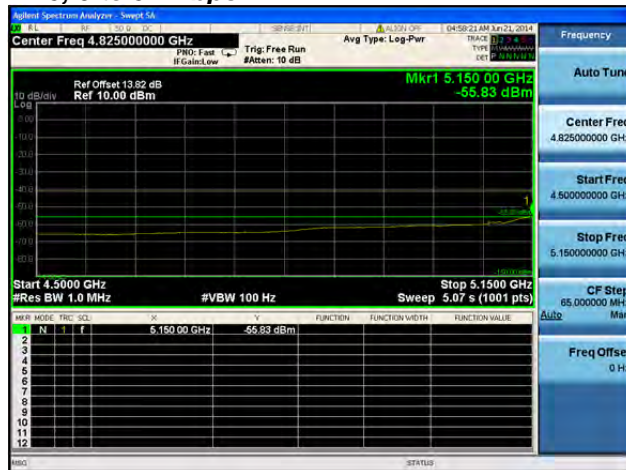
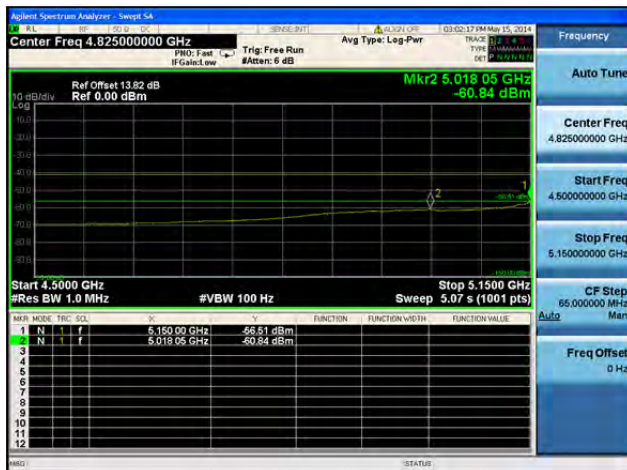


	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	3	7	-43.9	-44.8	-40.0		-30.6	-27	3.6
	HT/VHT80 STBC, M0 to M7, M0.1 to M9.1	4	7	-48.6	-43.1	-44.0	-38.8	-29.3	-27	2.3

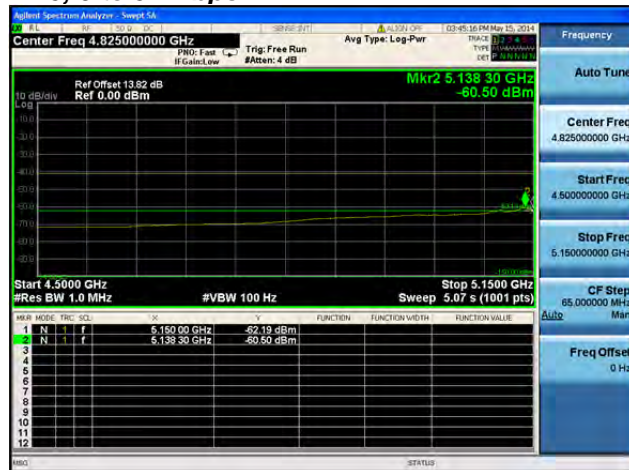
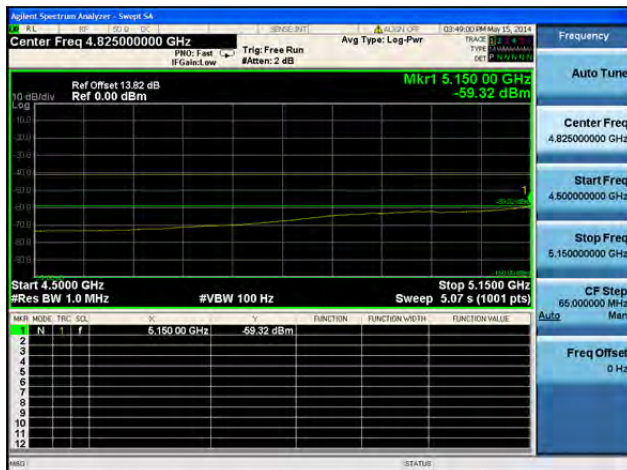


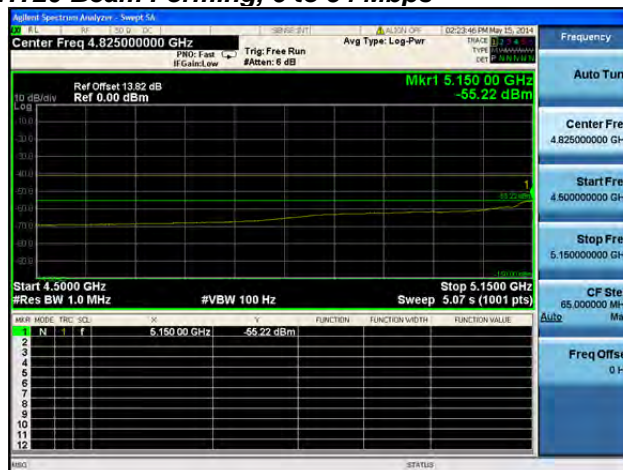
**Conducted Bandedge Average, 5180 MHz, Non HT/VHT20, 6 to 54 Mbps****Antenna A**

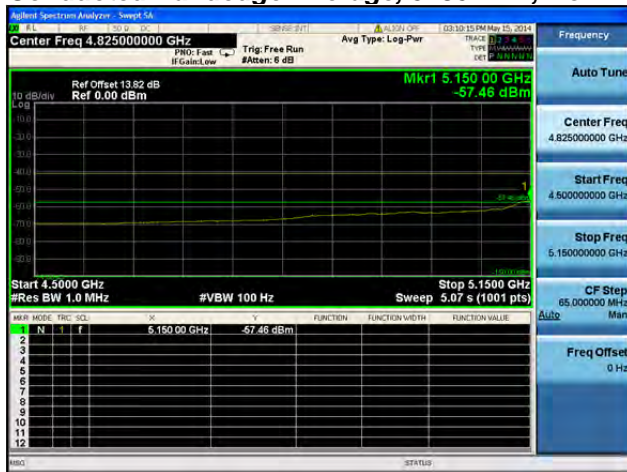
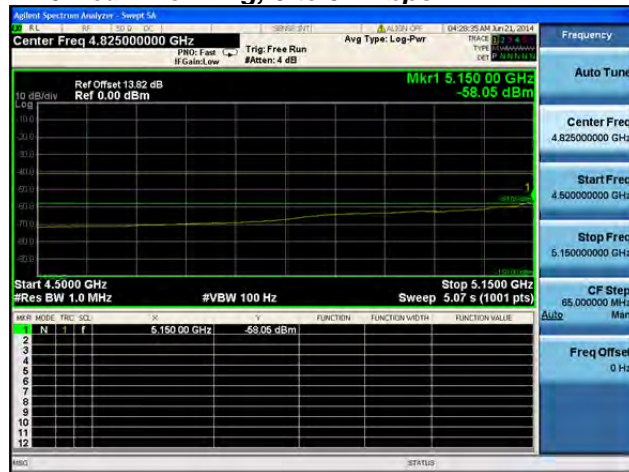
**Conducted Bandedge Average, 5180 MHz, Non HT/VHT20, 6 to 54 Mbps****Antenna A****Antenna B**

**Conducted Bandedge Average, 5180 MHz, Non HT/VHT20, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C**

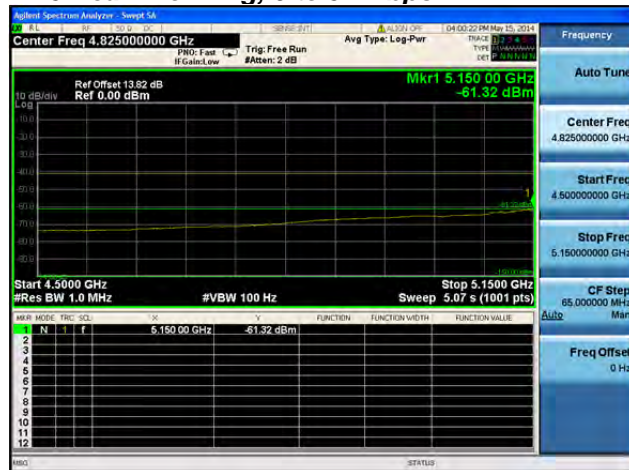


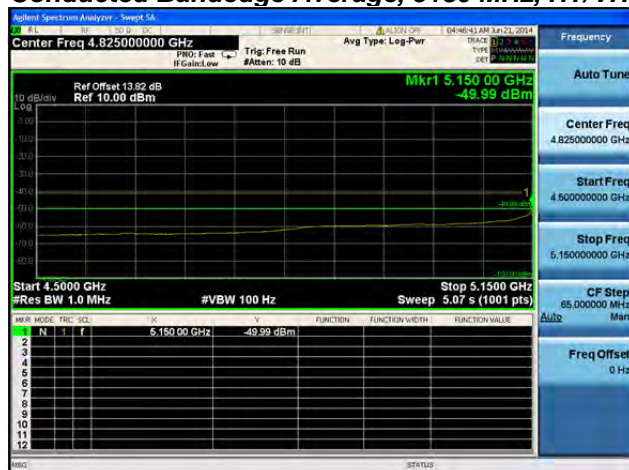
**Conducted Bandedge Average, 5180 MHz, Non HT/VHT20, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C****Antenna D**

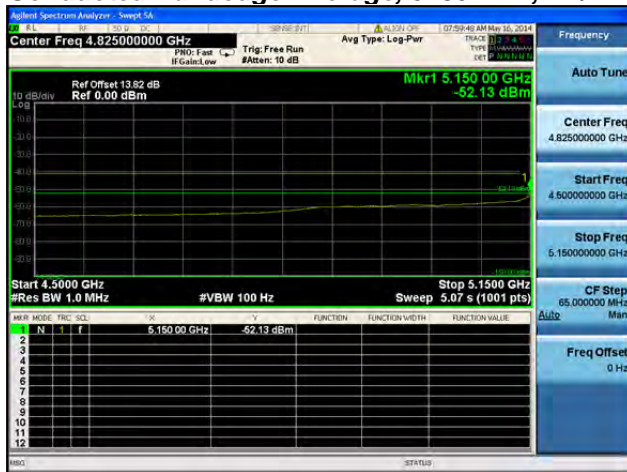
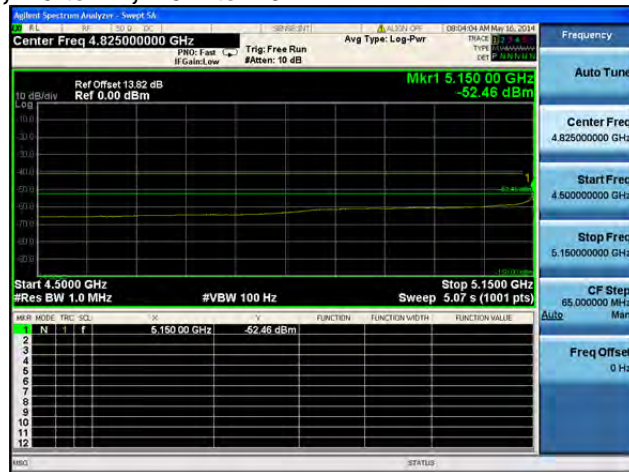
**Conducted Bandedge Average, 5180 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps****Antenna A****Antenna B**

**Conducted Bandedge Average, 5180 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C**

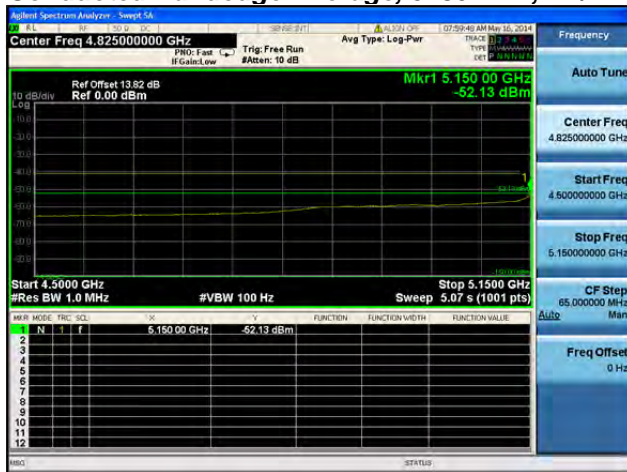
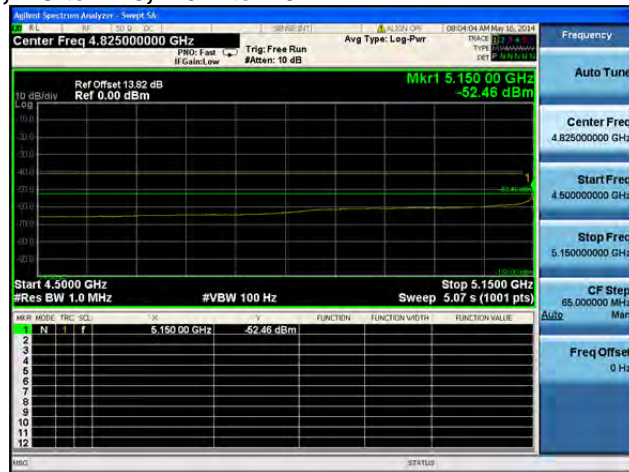


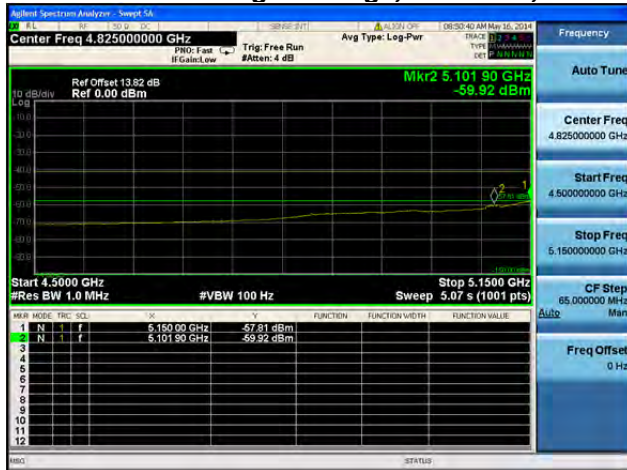
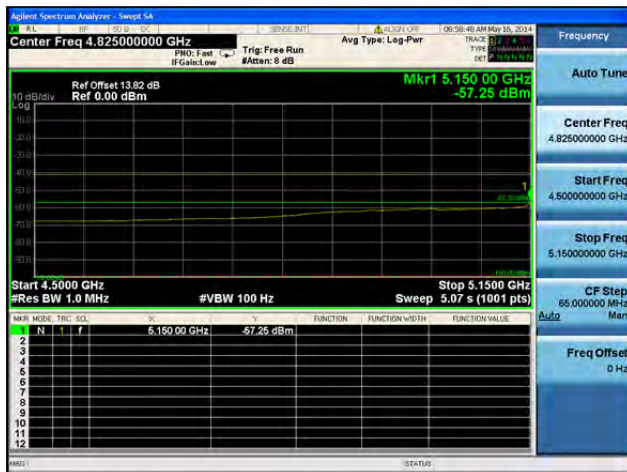
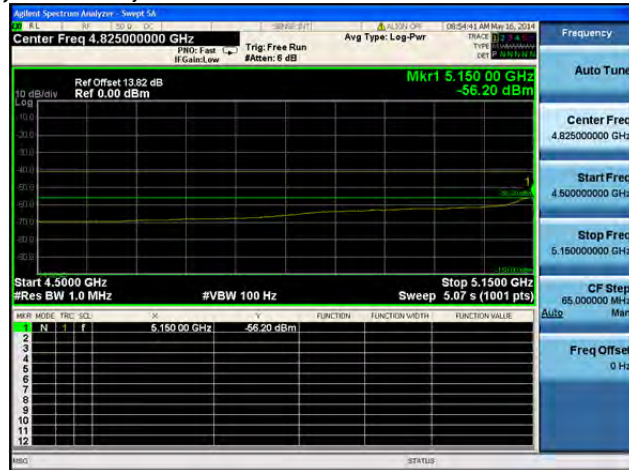
**Conducted Bandedge Average, 5180 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C****Antenna D**

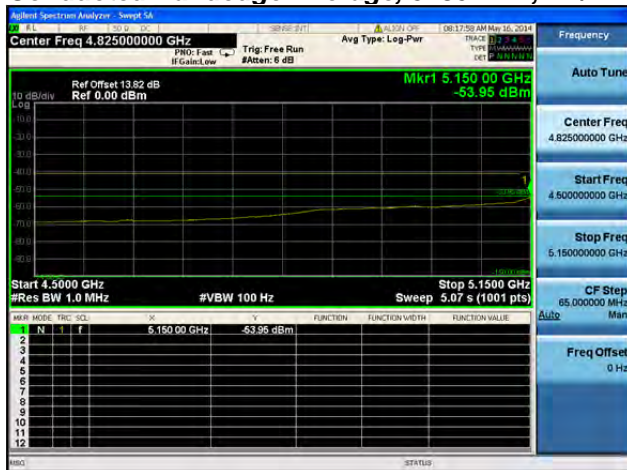
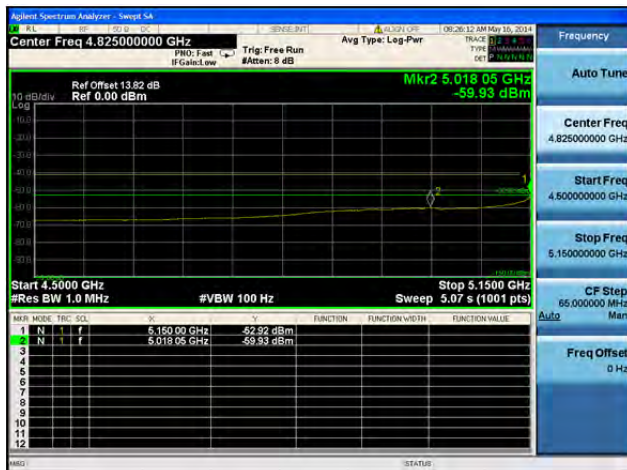
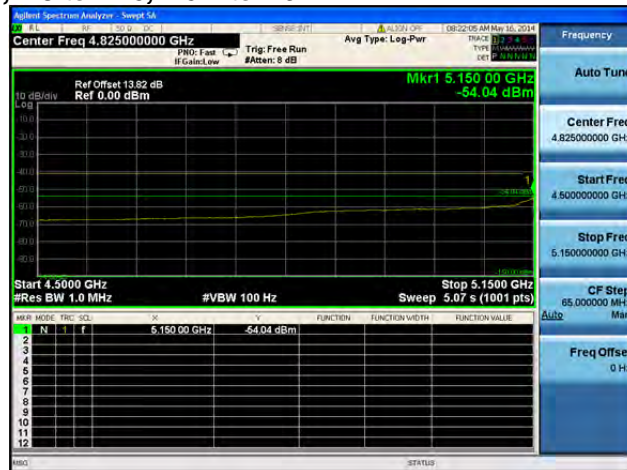
**Conducted Bandedge Average, 5180 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1****Antenna A**

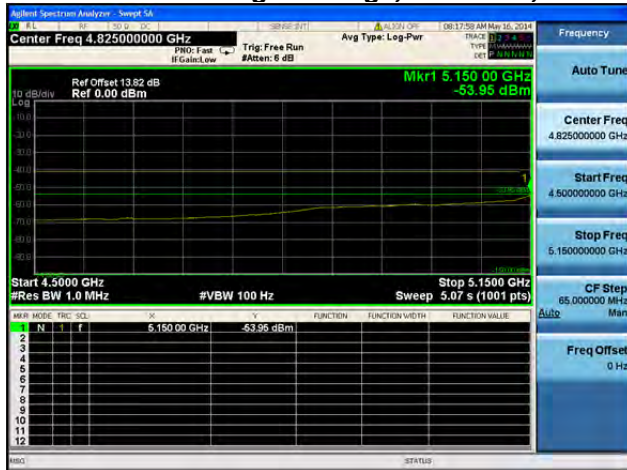
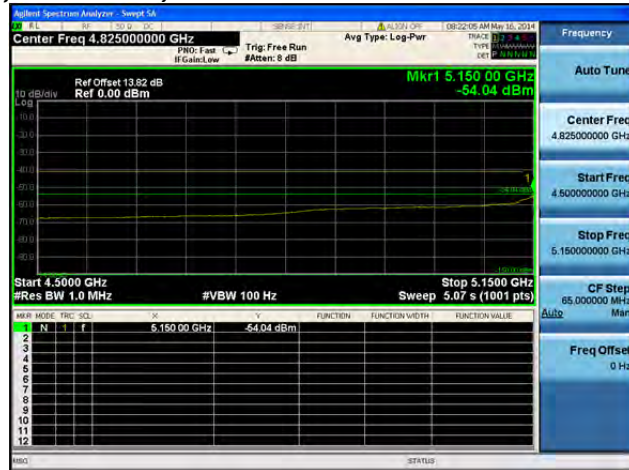
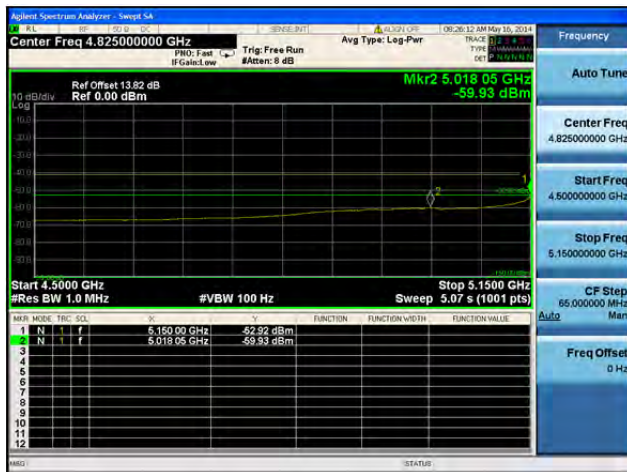
**Conducted Bandedge Average, 5180 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B**



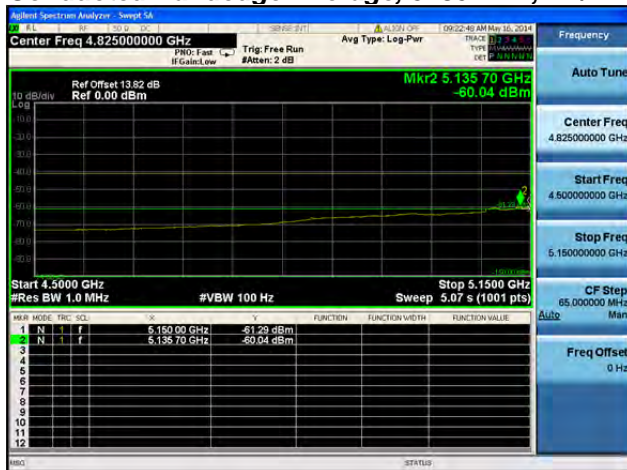
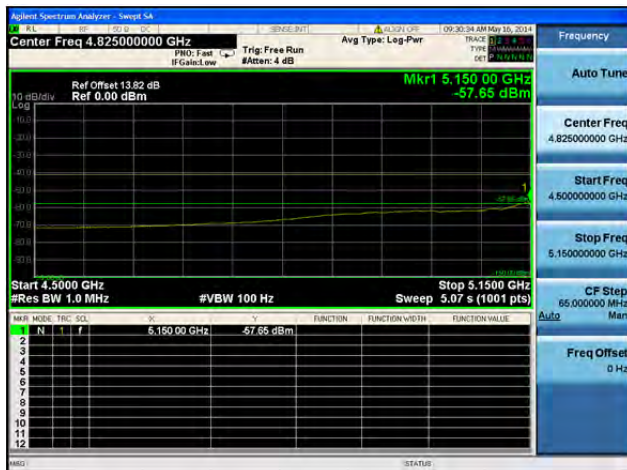
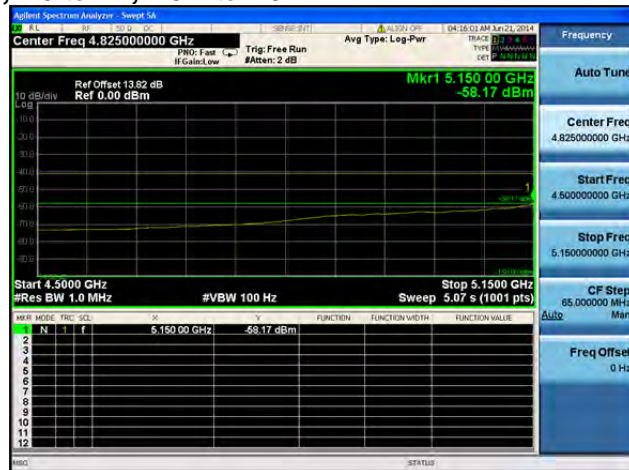
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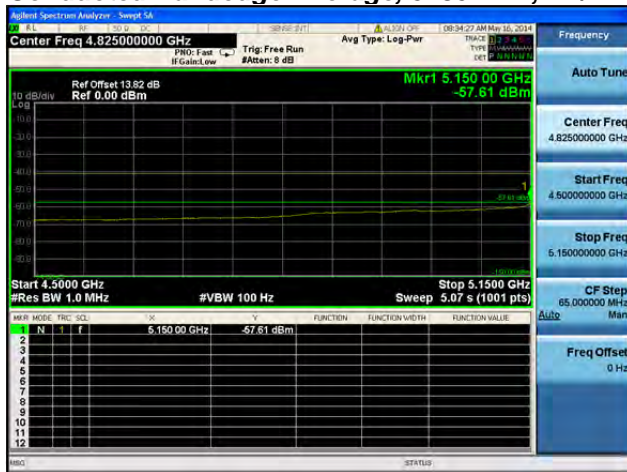
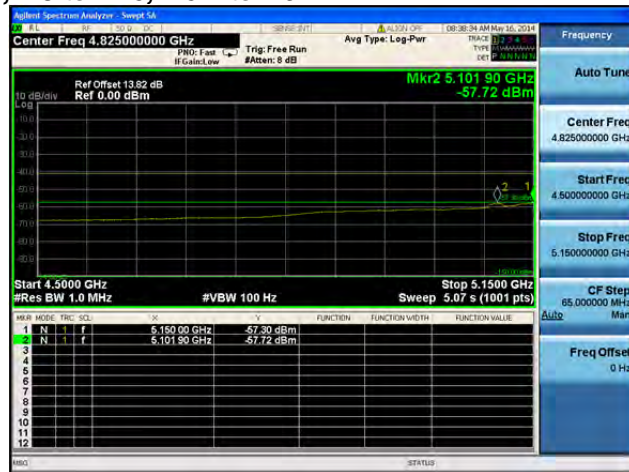
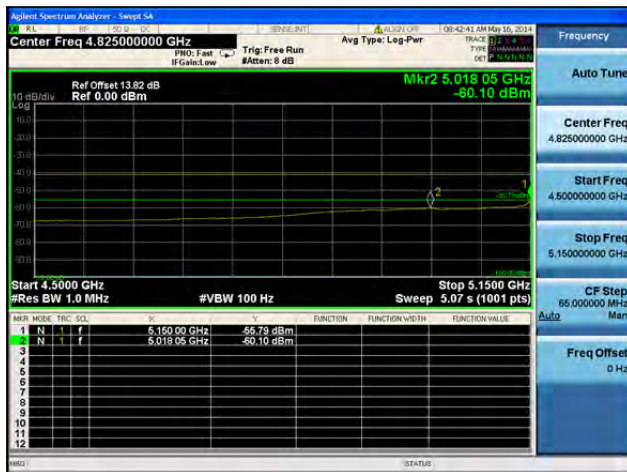
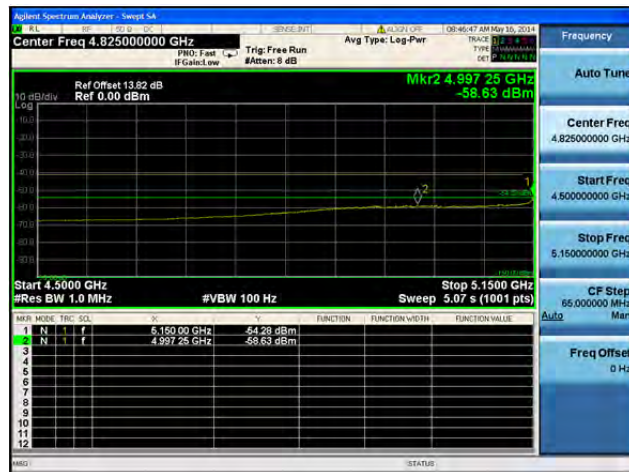
**Conducted Bandedge Average, 5180 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C**

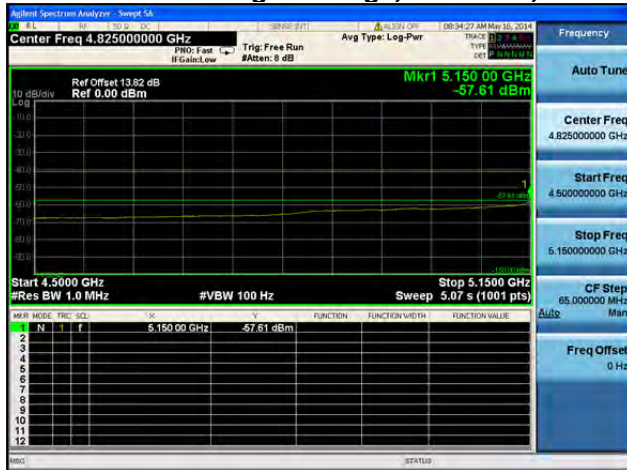
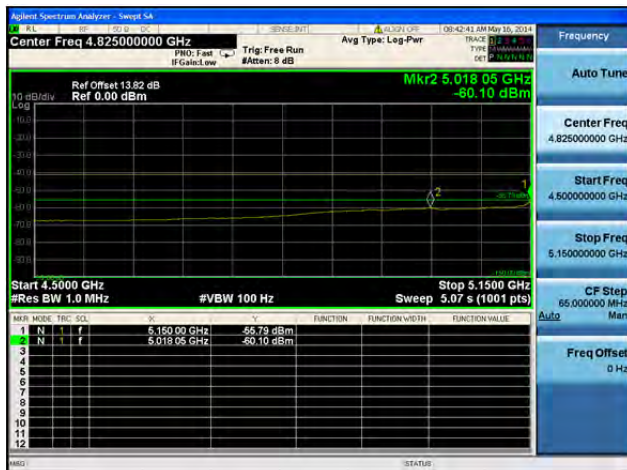
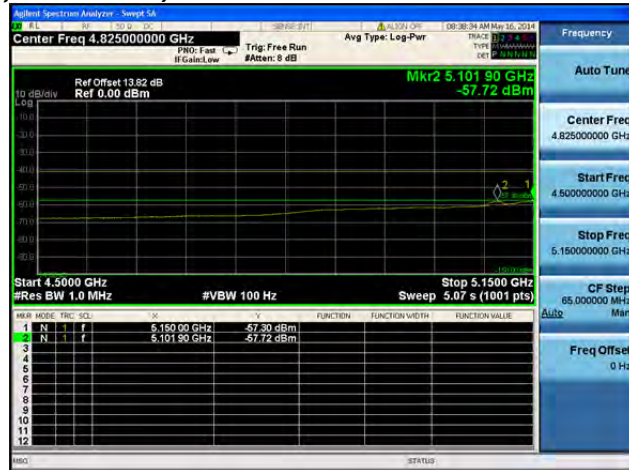
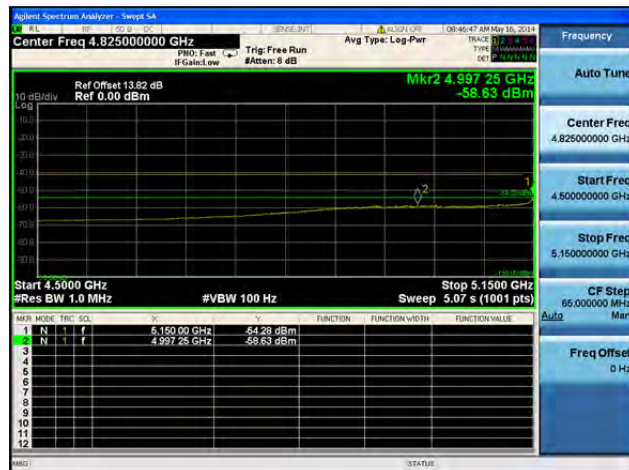
**Conducted Bandedge Average, 5180 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C**

**Conducted Bandedge Average, 5180 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C**

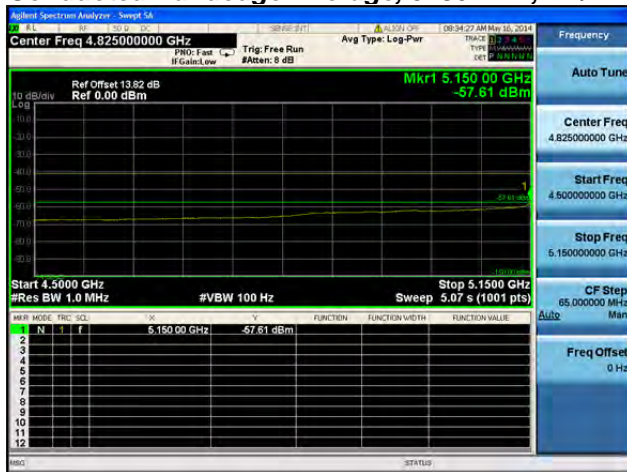
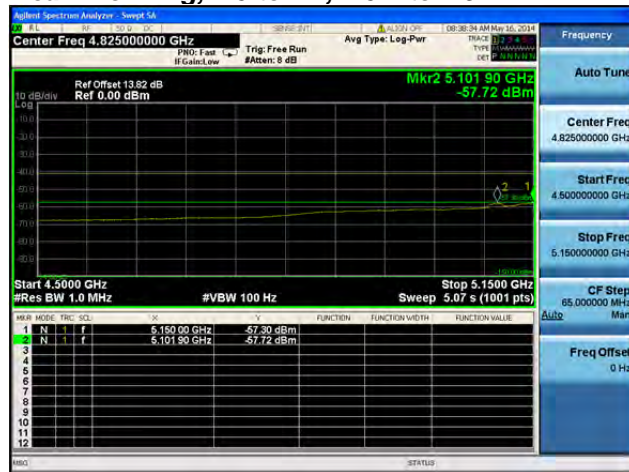


**Conducted Bandedge Average, 5180 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

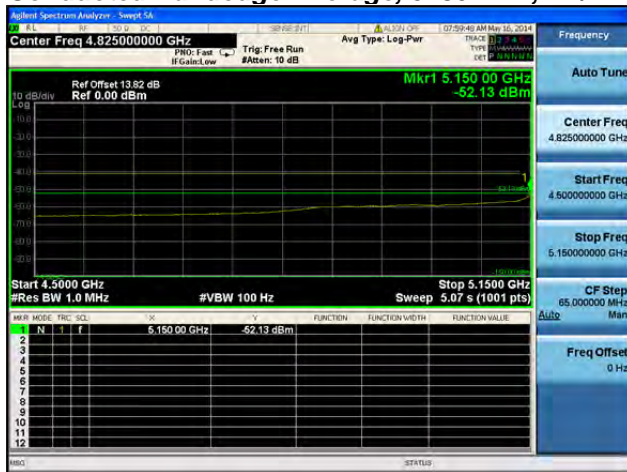
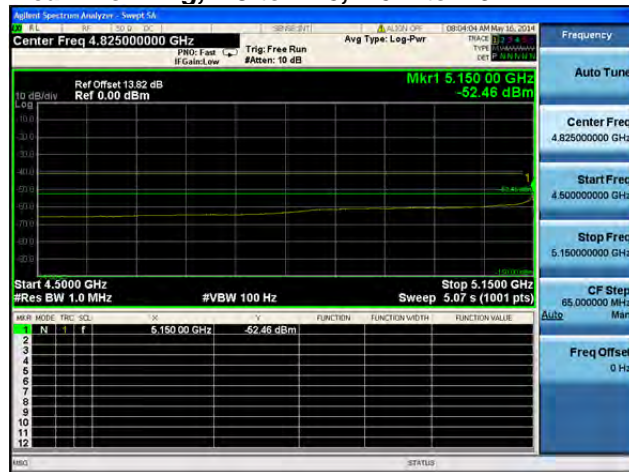
**Conducted Bandedge Average, 5180 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C****Antenna D**

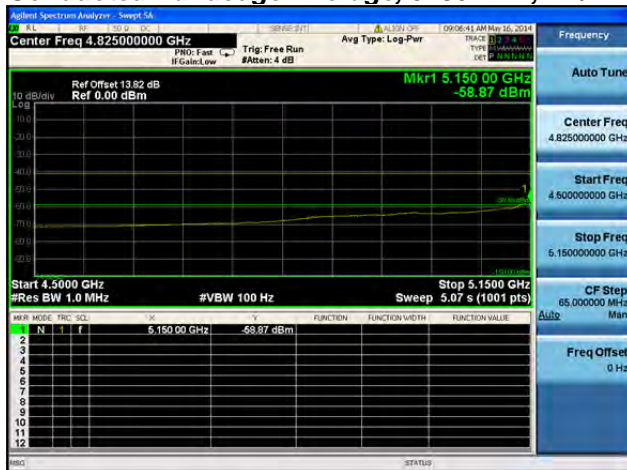
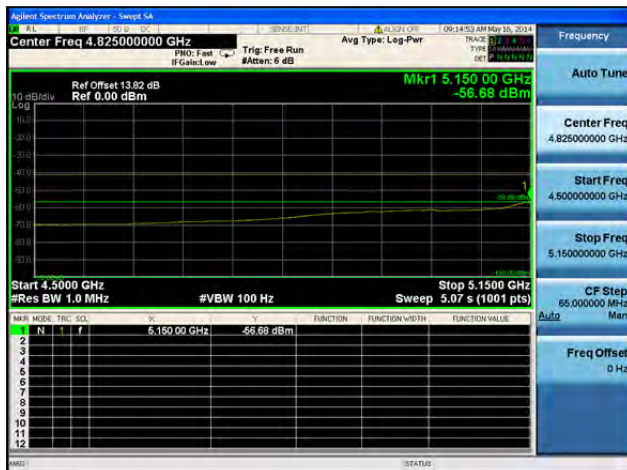
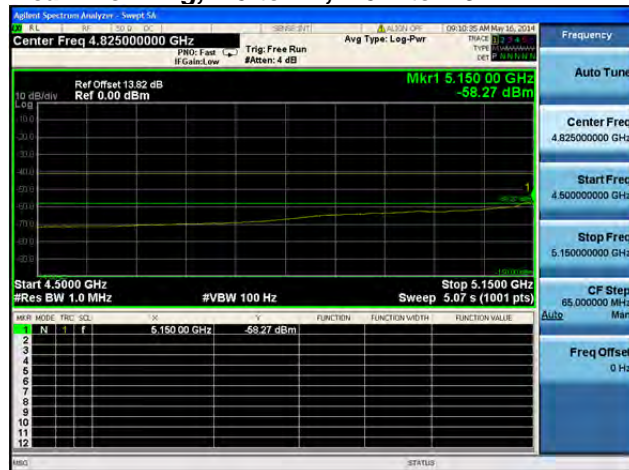
**Conducted Bandedge Average, 5180 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C****Antenna D**

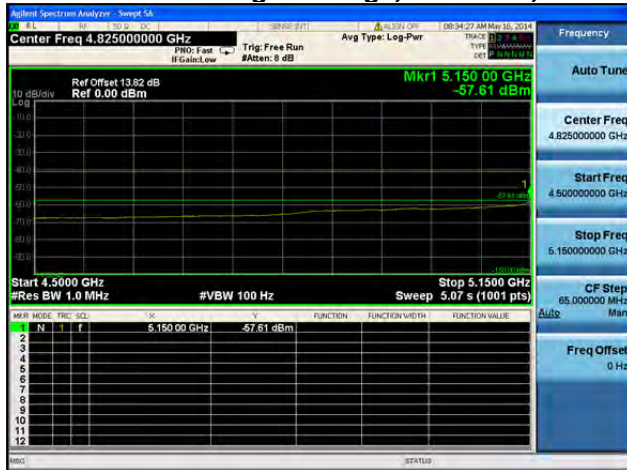
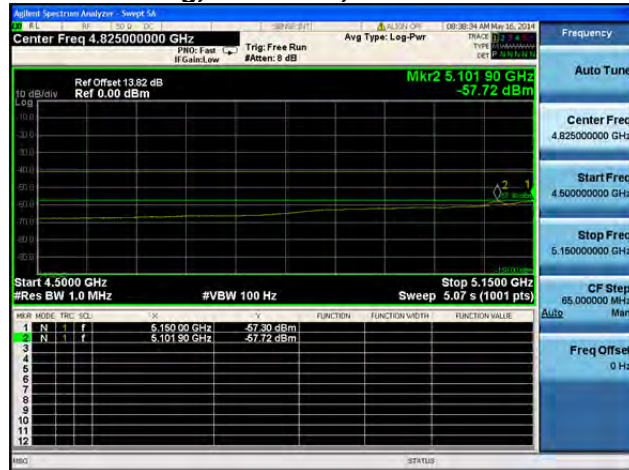
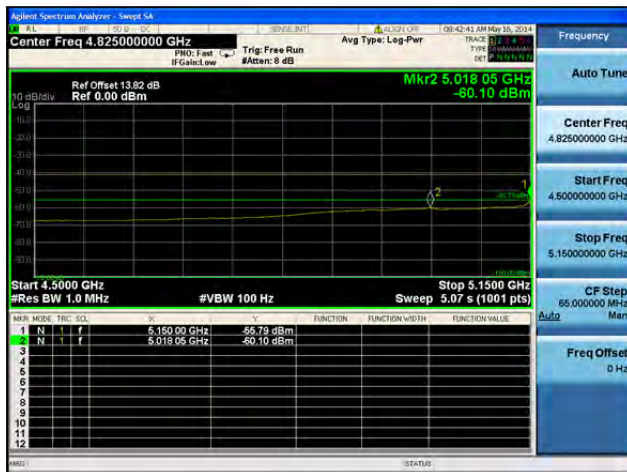


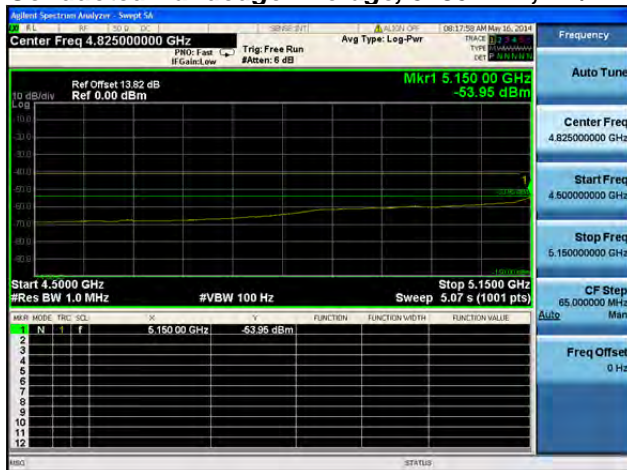
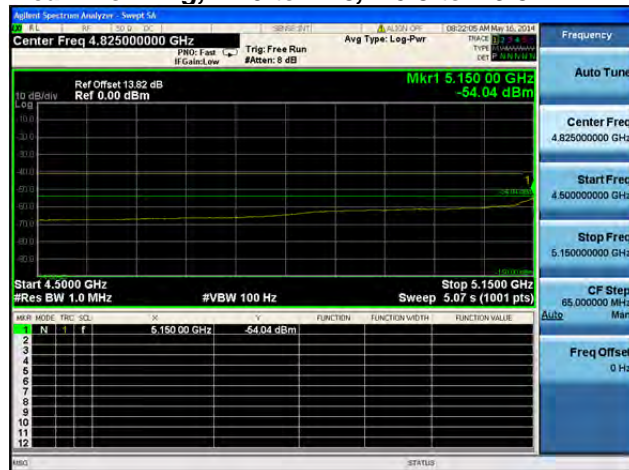
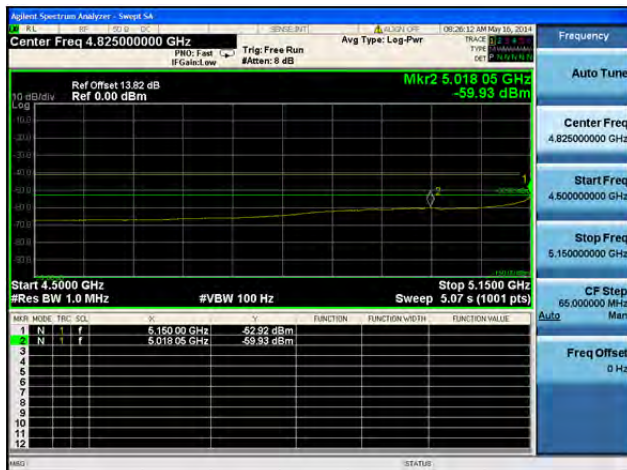
**Conducted Bandedge Average, 5180 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B**



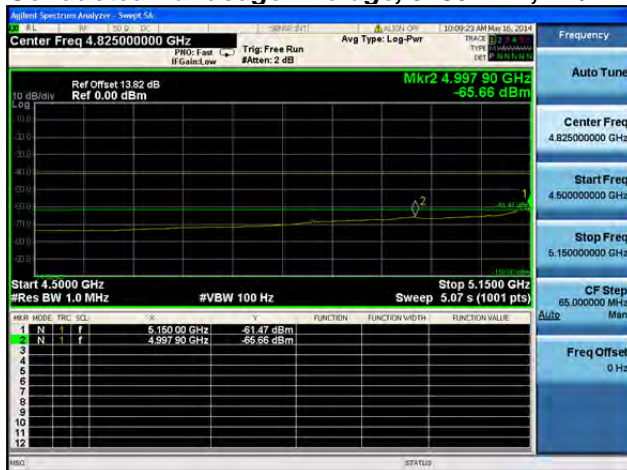
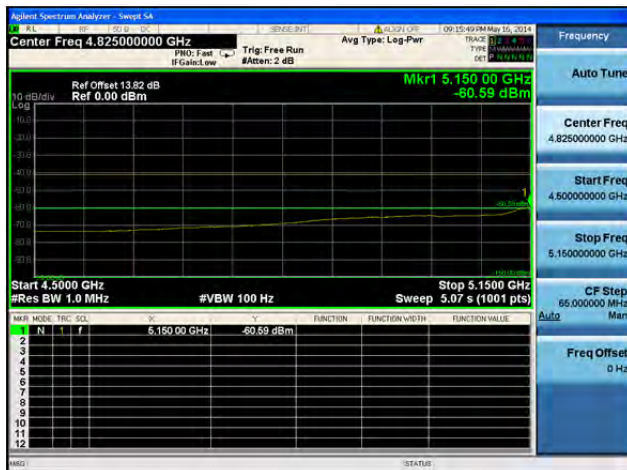
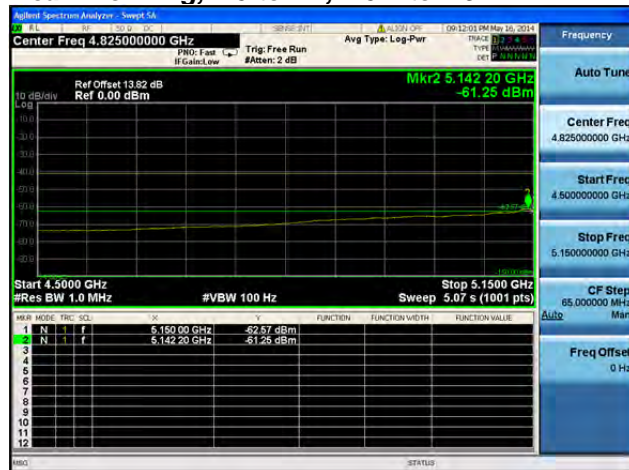
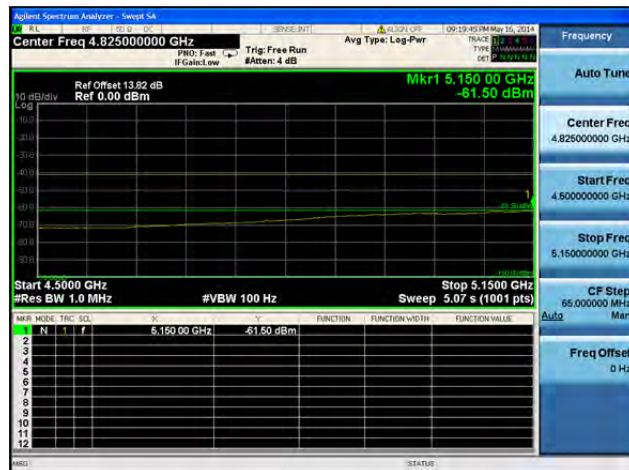
**Conducted Bandedge Average, 5180 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B**

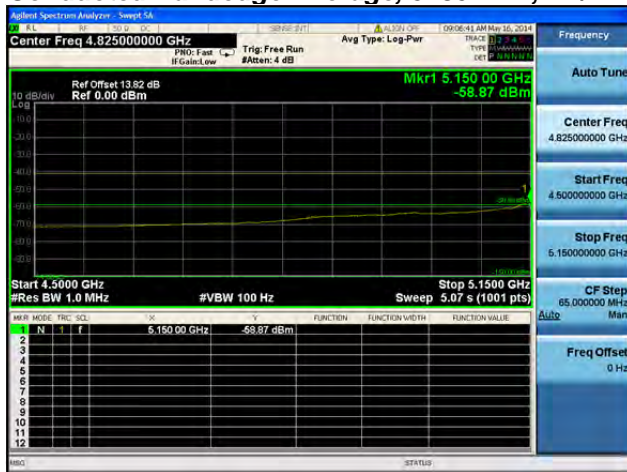
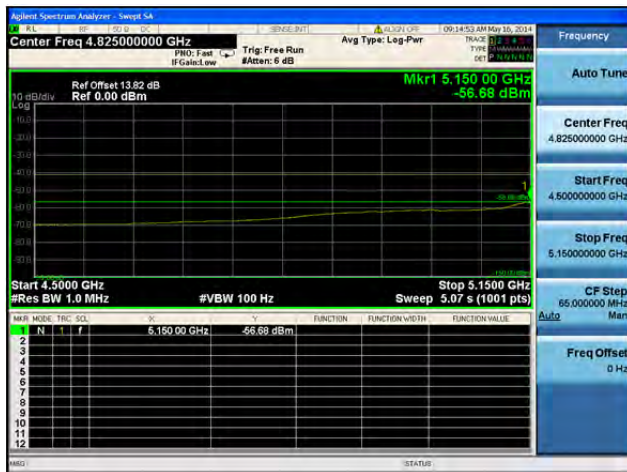
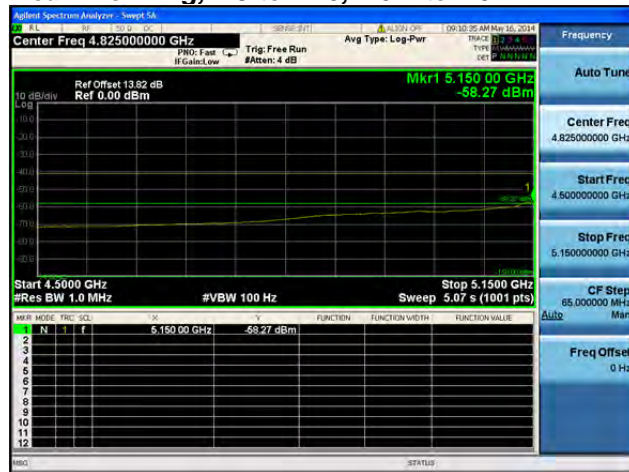
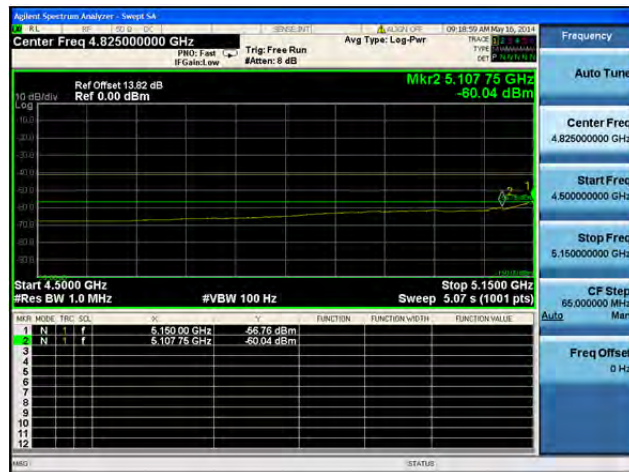
**Conducted Bandedge Average, 5180 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C**

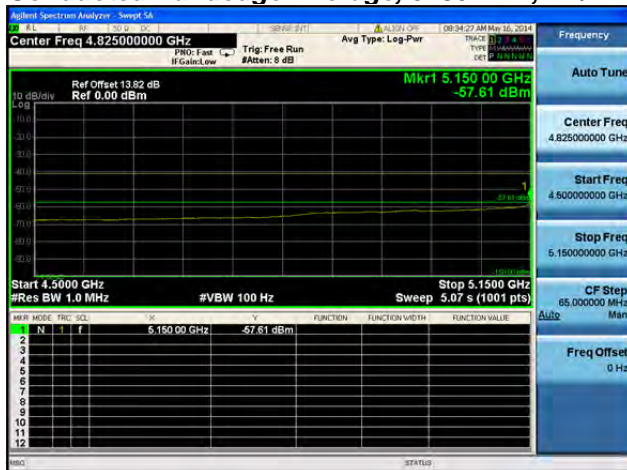
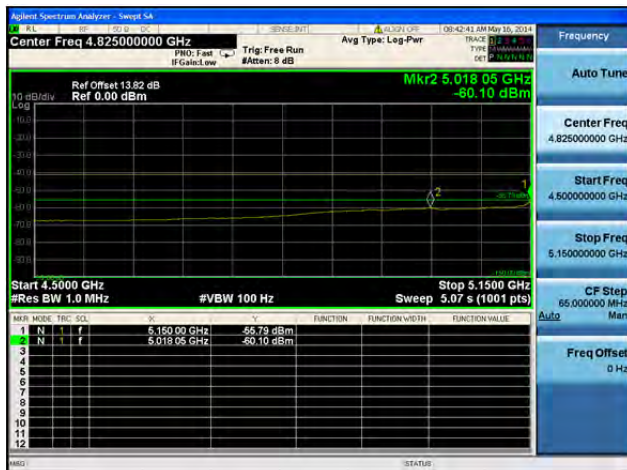
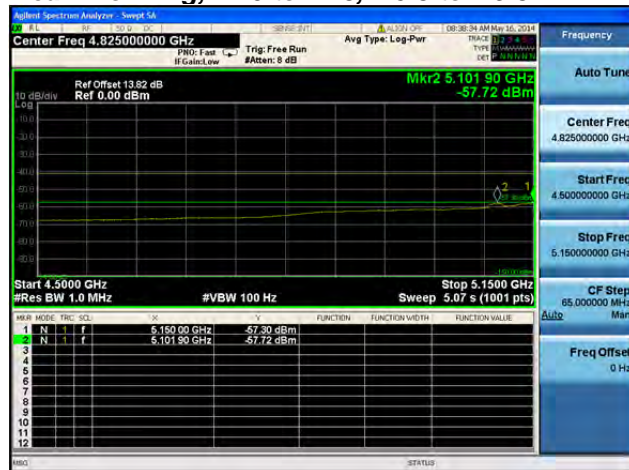
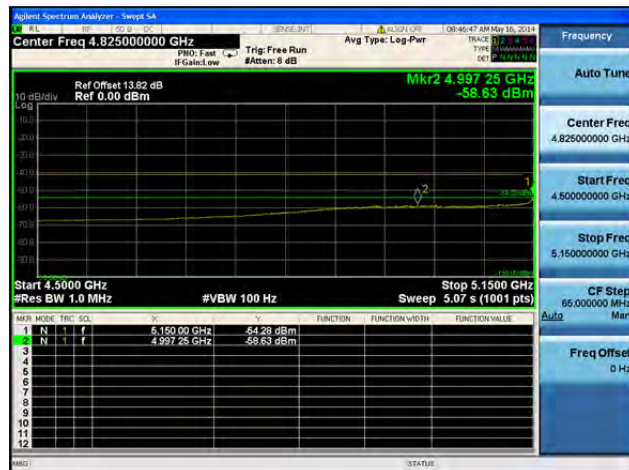
**Conducted Bandedge Average, 5180 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C**

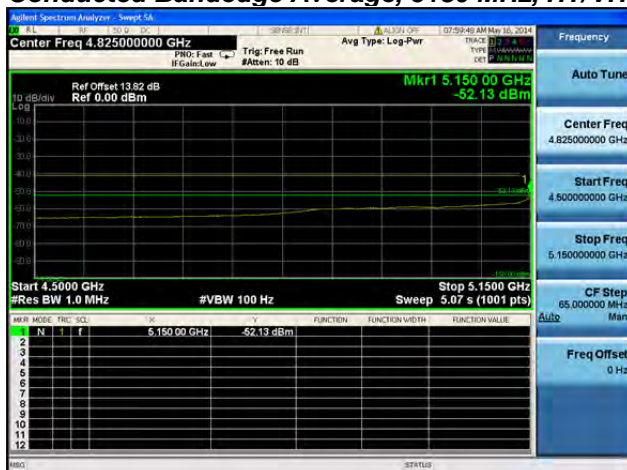
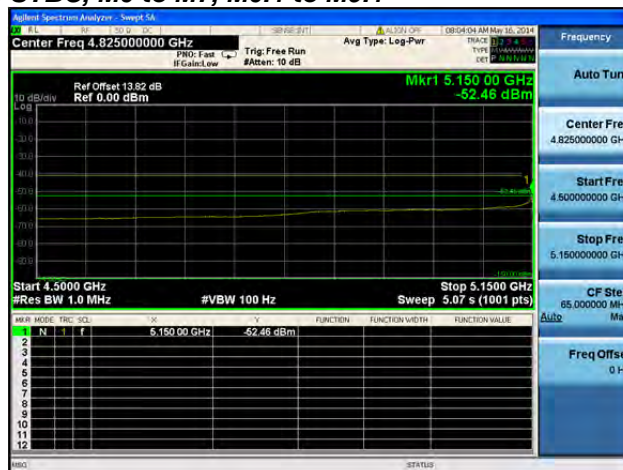
**Conducted Bandedge Average, 5180 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C**



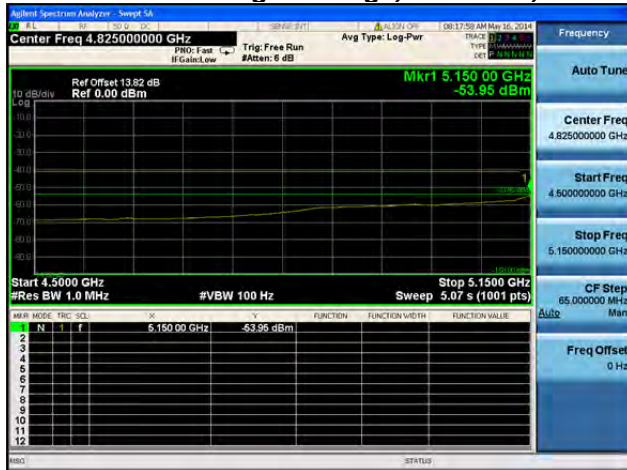
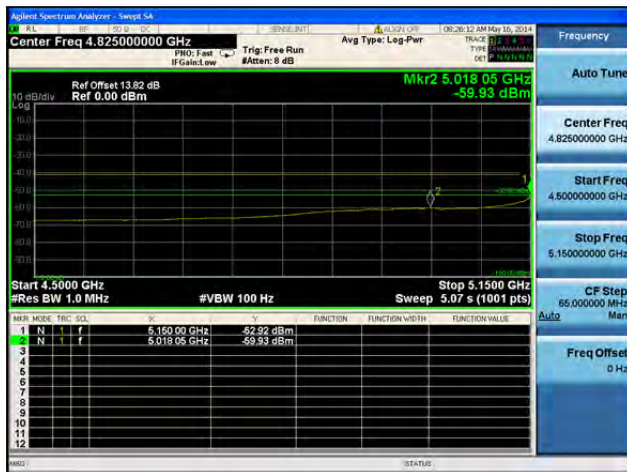
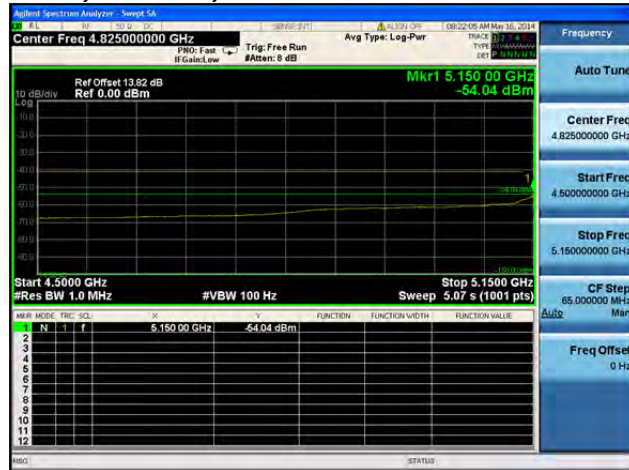
**Conducted Bandedge Average, 5180 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

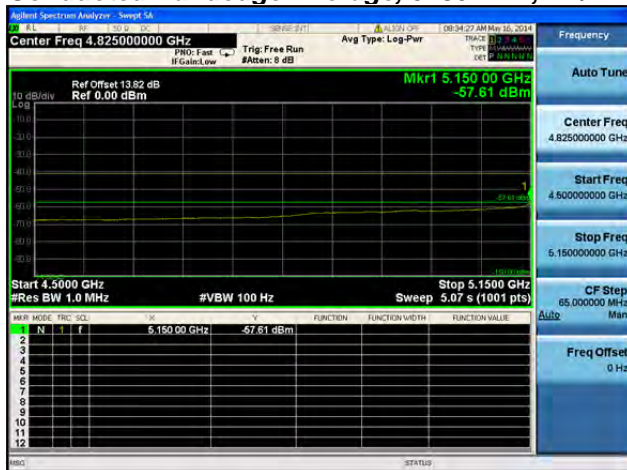
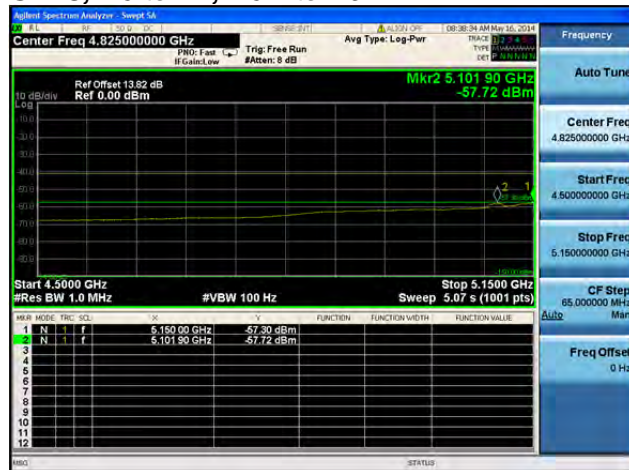
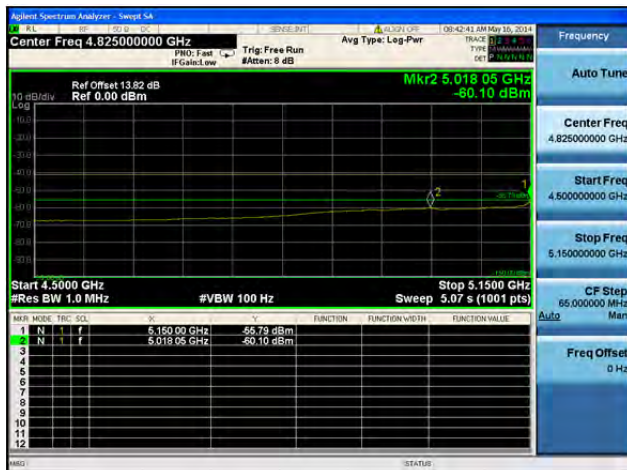
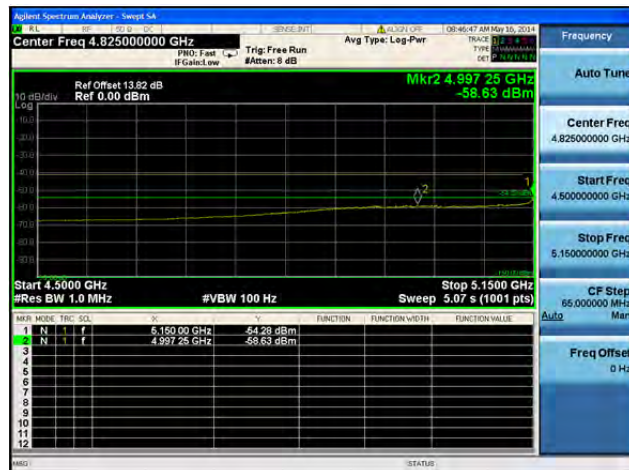
**Conducted Bandedge Average, 5180 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C****Antenna D**

**Conducted Bandedge Average, 5180 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C****Antenna D**

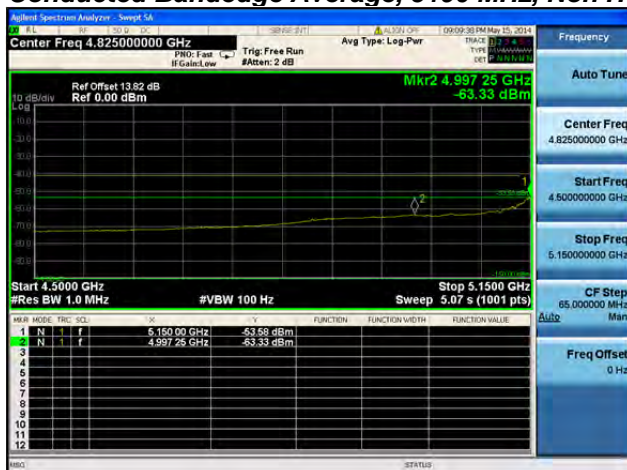
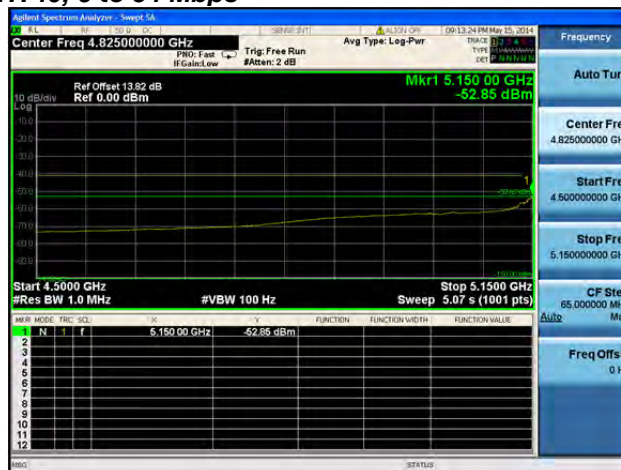
**Conducted Bandedge Average, 5180 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B**



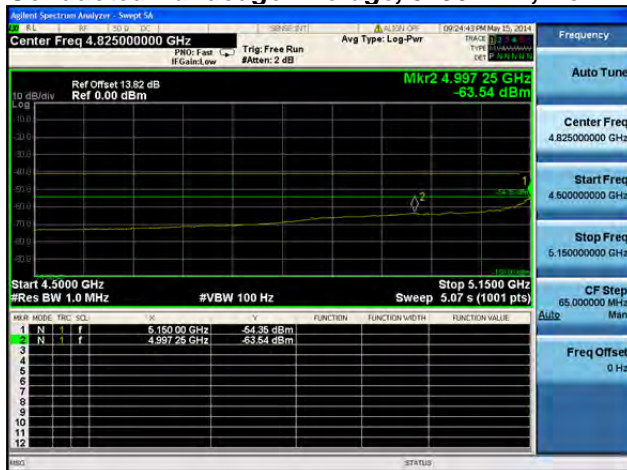
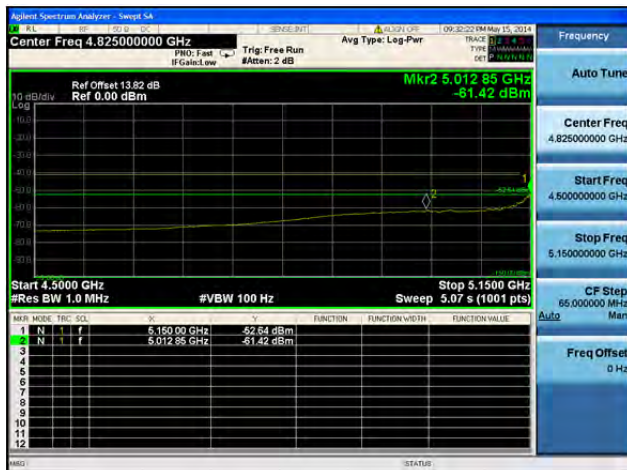
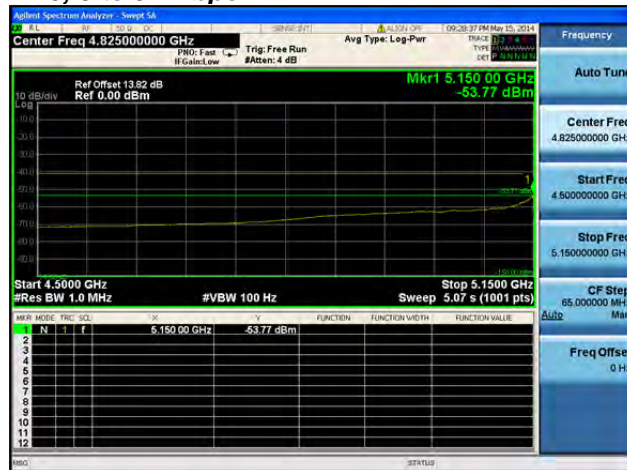
**Conducted Bandedge Average, 5180 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C**

**Conducted Bandedge Average, 5180 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

**Conducted Bandedge Average, 5190 MHz, Non HT/VHT40, 6 to 54 Mbps****Antenna A**

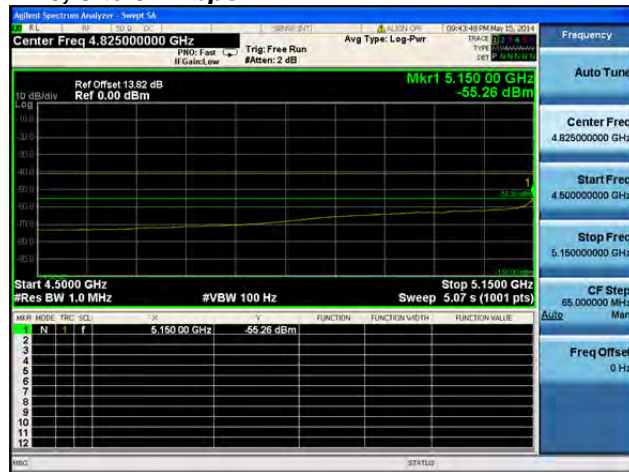
**Conducted Bandedge Average, 5190 MHz, Non HT/VHT40, 6 to 54 Mbps****Antenna A****Antenna B**



**Conducted Bandedge Average, 5190 MHz, Non HT/VHT40, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C**

[illegible]

### ***Antenna B***



**Signal Spectrum Analyzer - Sweep 54**  
 4.81 GHz Span 100 MHz 0.5 MHz  
 Center Freq 4.825000000 GHz  
 PRB: Fast Trig: Free Run  
 IF Gain: 0 dB  
 #Adev: 2 dB  
 Avg Type: Log-Pwr  
 10047.34 104 May 15, 2014  
 TRACE 1 1.0 dB  
 Type Spectrum  
 GHz 0.000000000

**Frequency**  
 Auto Tune  
 Center Freq 4.825000000 GHz  
 Start Freq 4.600000000 GHz  
 Stop Freq 5.150000000 GHz  
 CF Step 65.000000 MHz  
 Auto Man

**Ref Offset 13.82 dB**  
**Ref 0.00 dBm**  
**Mkr2 5.01415 GHz**  
**-61.79 dBm**

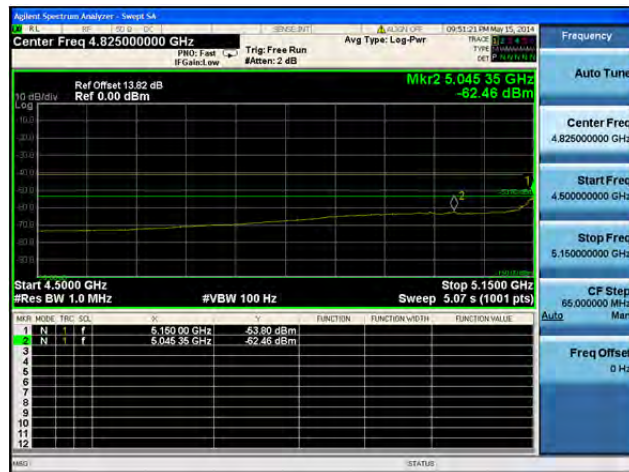
**Start 4.5000 GHz**  
**Stop 5.1500 GHz**  
**Res BW 1.0 MHz**  
**#VBW 100 Hz**  
**Sweep 5.07 s (1001 pts)**

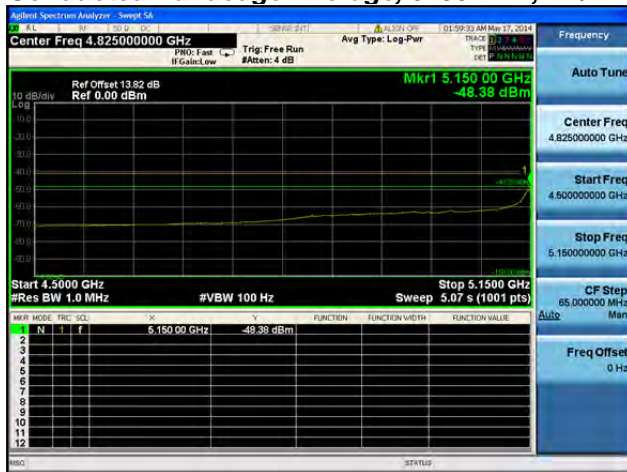
MARK	MODE	TRIG	SQL	F	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	F	4.80000 GHz			-63.54 dBm
2	N	1	F	5.01415 GHz			-61.79 dBm
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

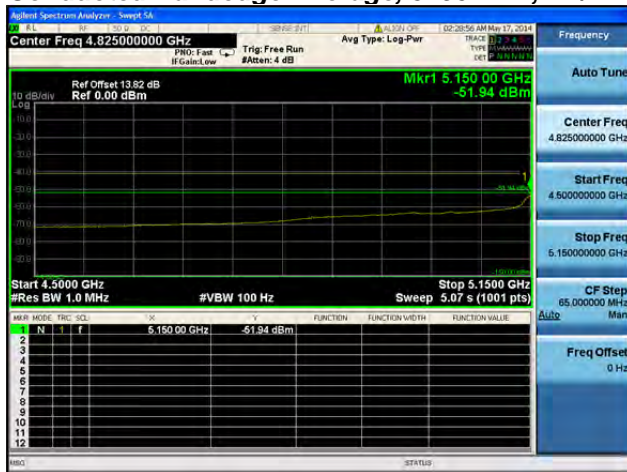
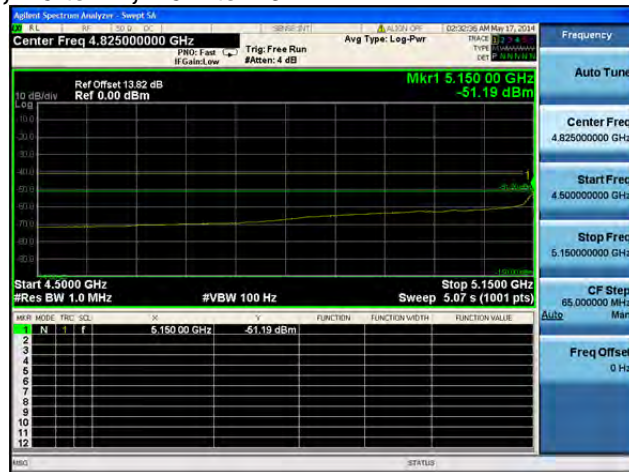
**Freq Offset**  
 0 Hz

MMG (STATUS)

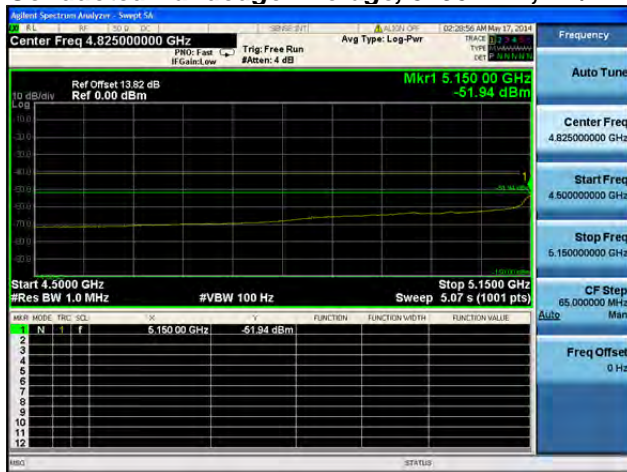
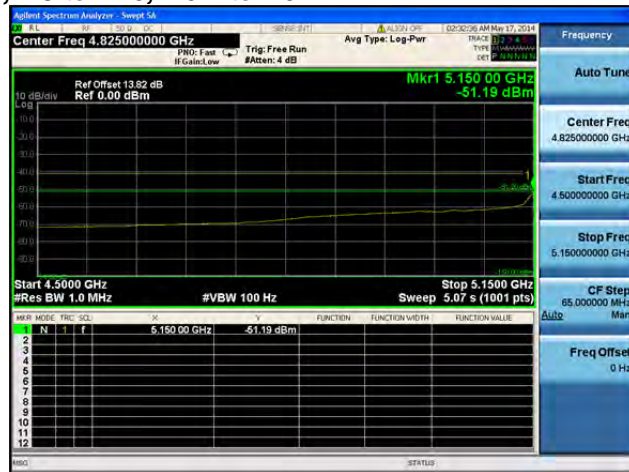
### Antenna D

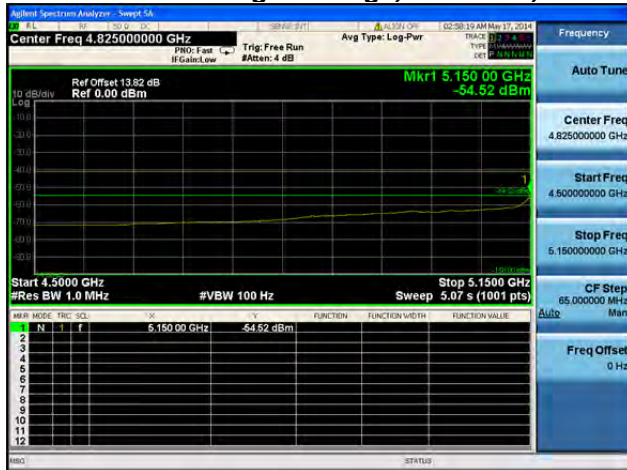
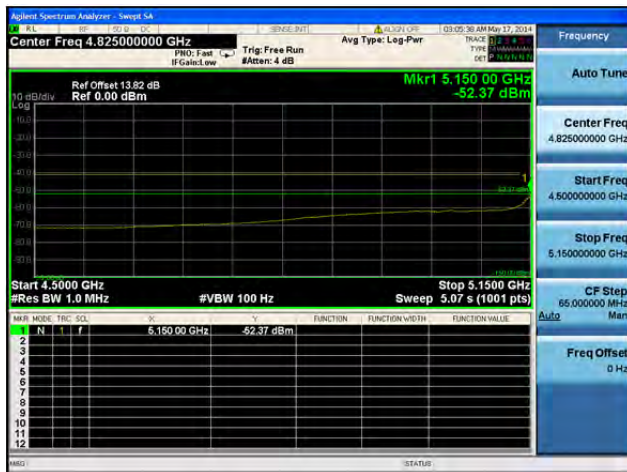
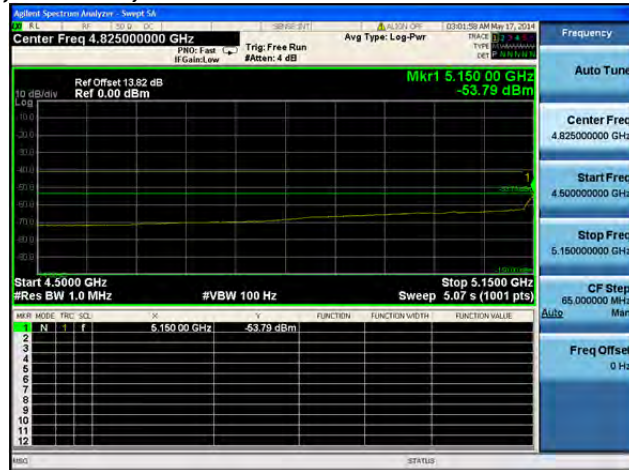


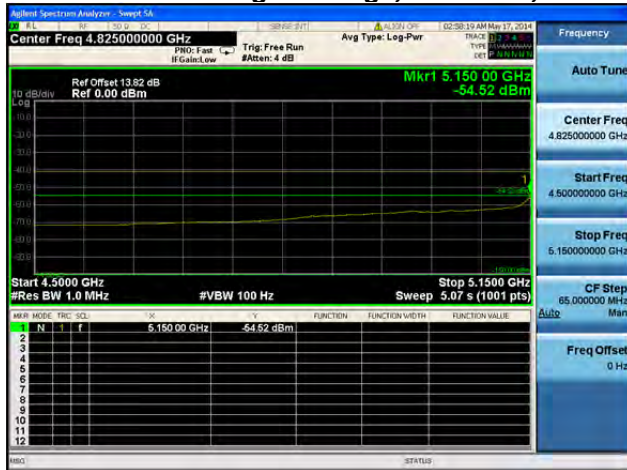
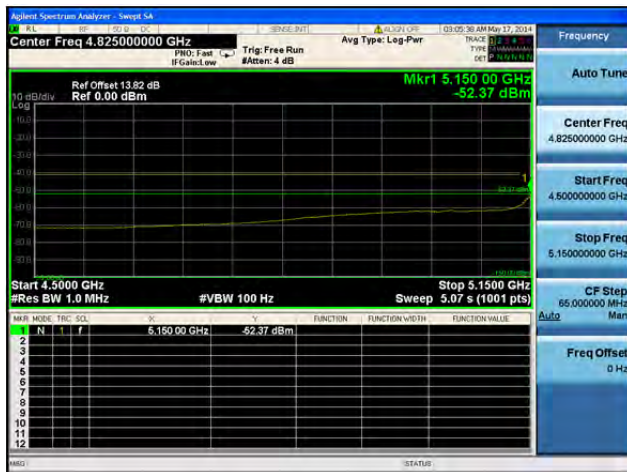
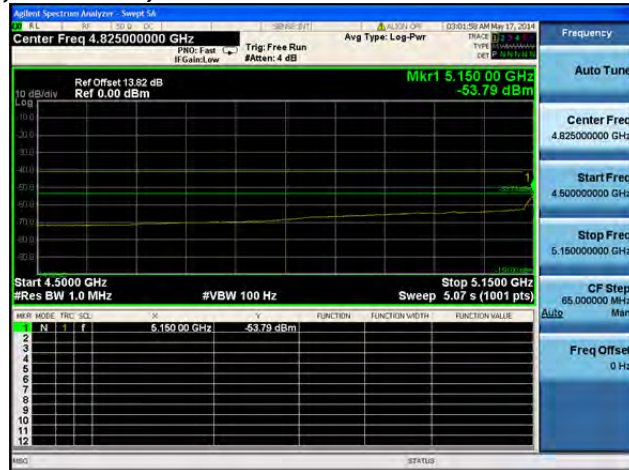
**Conducted Bandedge Average, 5190 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1****Antenna A**

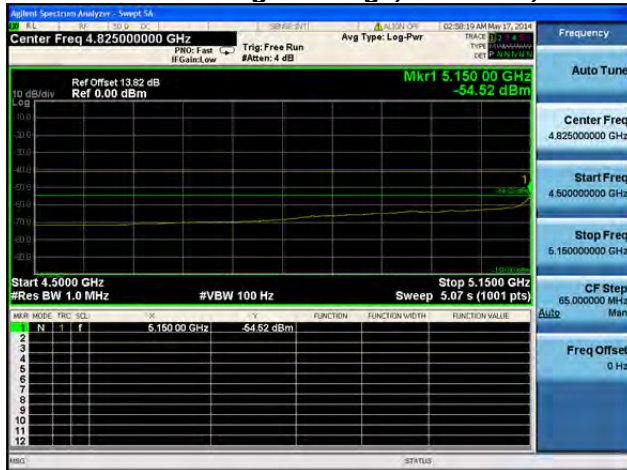
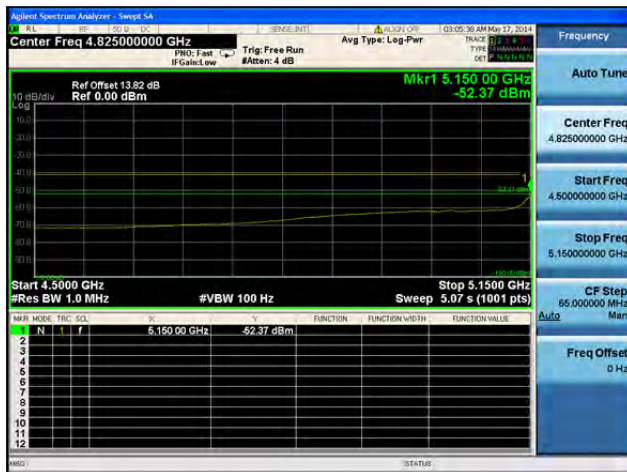
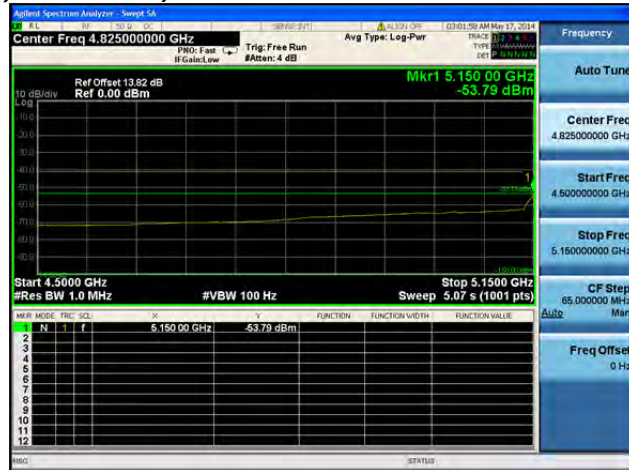
**Conducted Bandedge Average, 5190 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B**



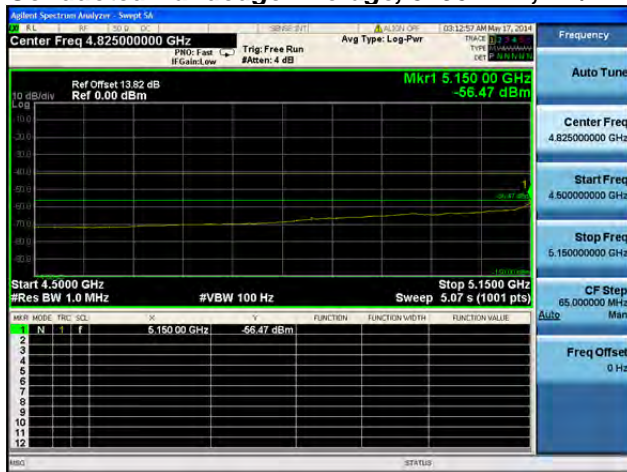
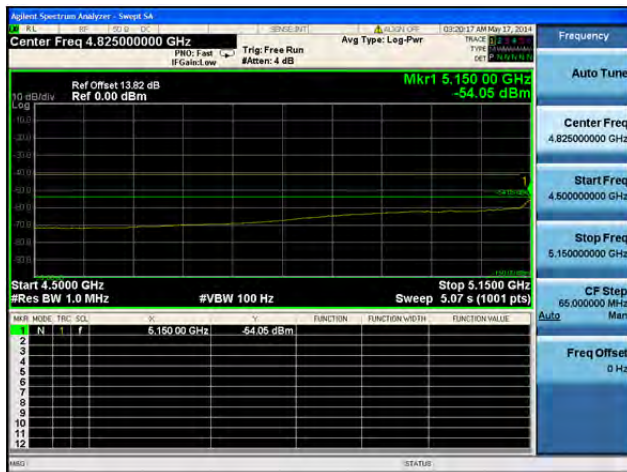
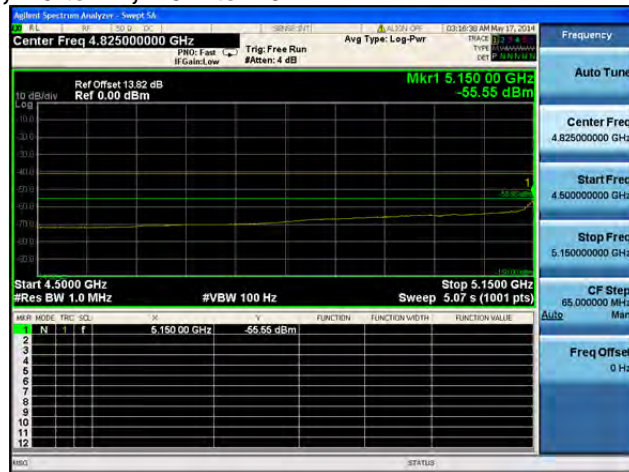
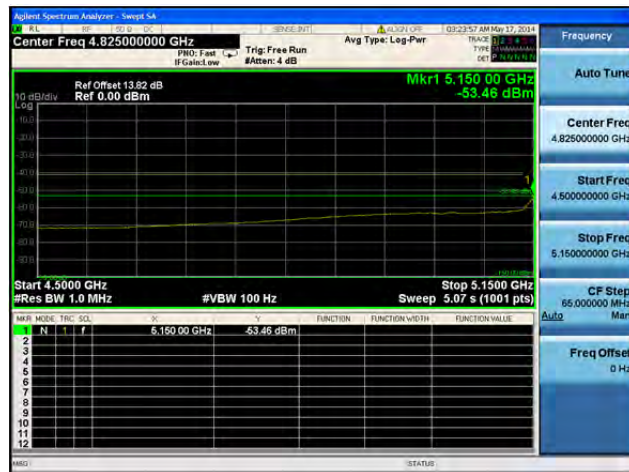
**Conducted Bandedge Average, 5190 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B**

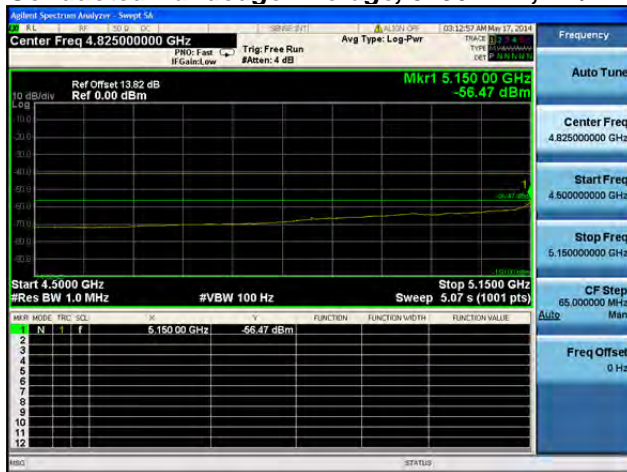
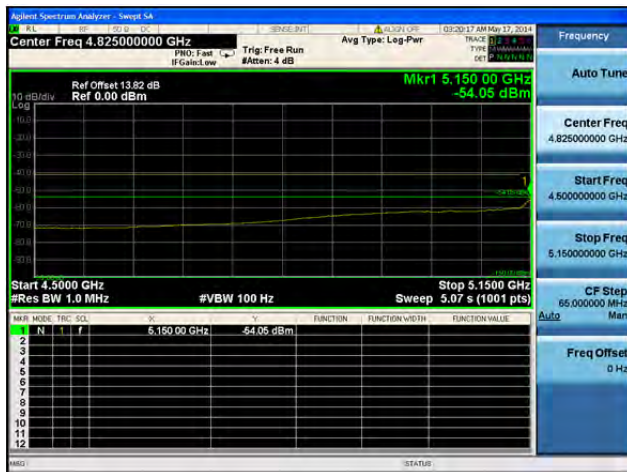
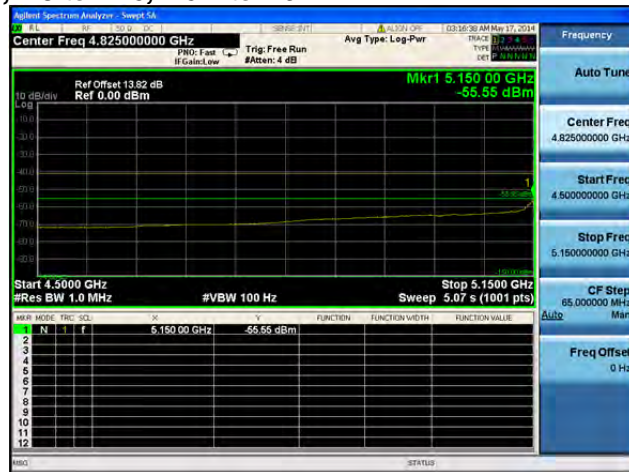
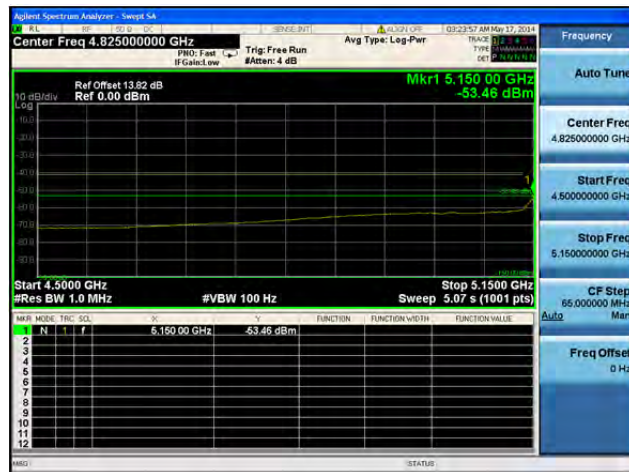
**Conducted Bandedge Average, 5190 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C**

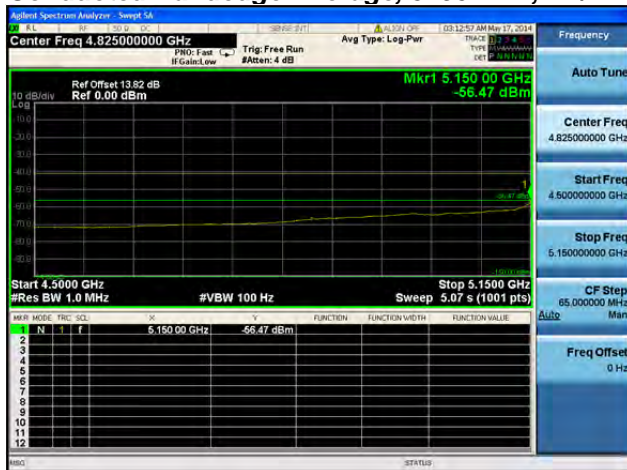
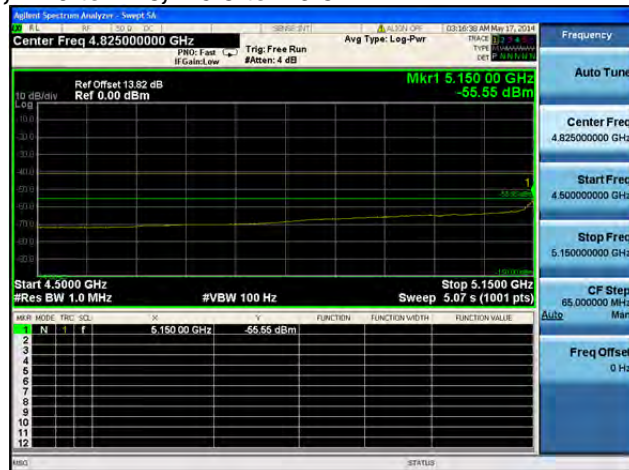
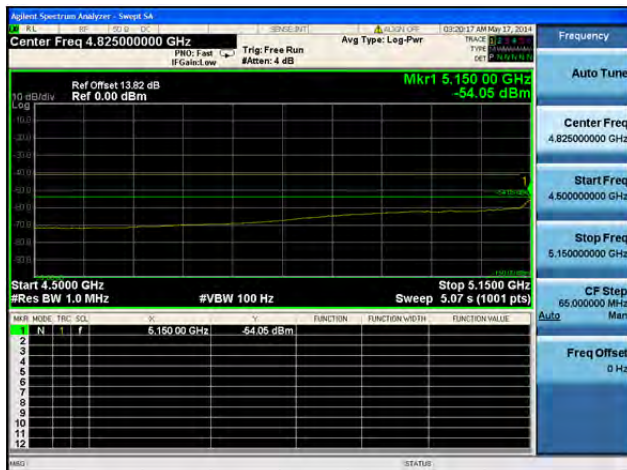
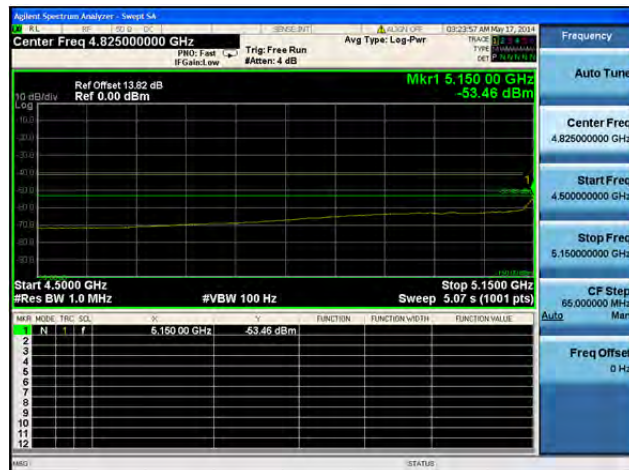
**Conducted Bandedge Average, 5190 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C**

**Conducted Bandedge Average, 5190 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C**



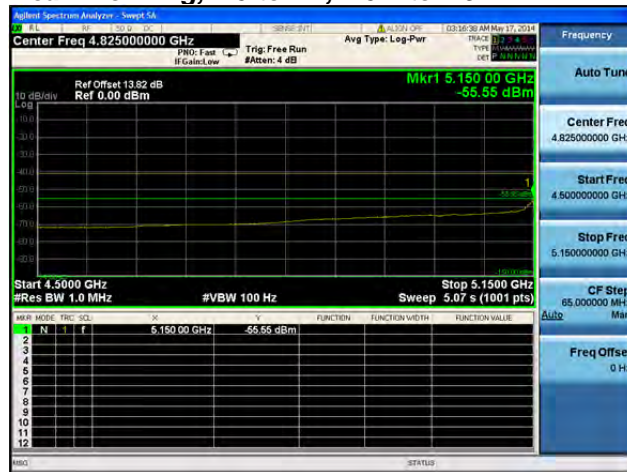
**Conducted Bandedge Average, 5190 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

**Conducted Bandedge Average, 5190 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C****Antenna D**

**Conducted Bandedge Average, 5190 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C****Antenna D**

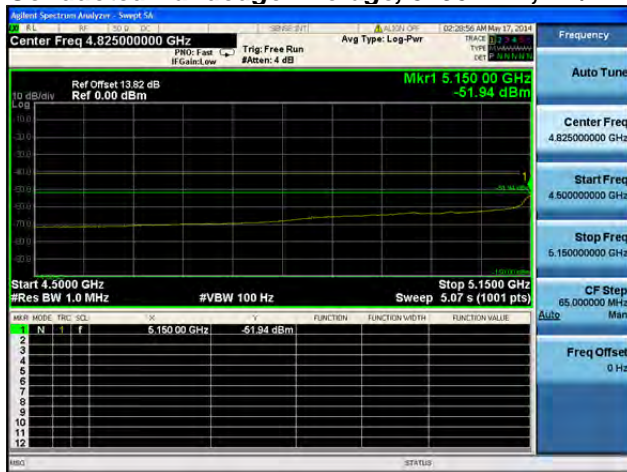
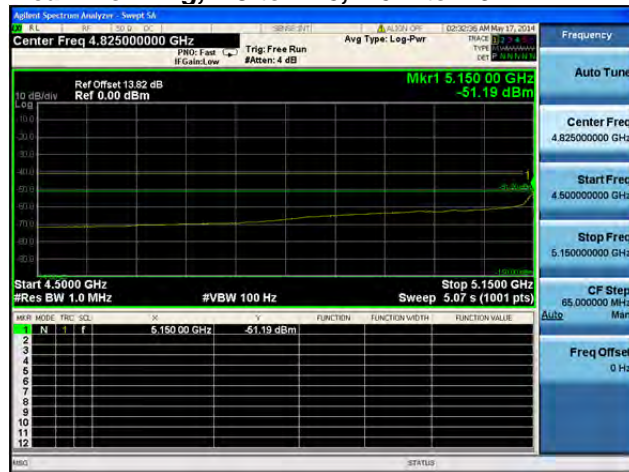
**Conducted Bandedge Average, 5190 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1**

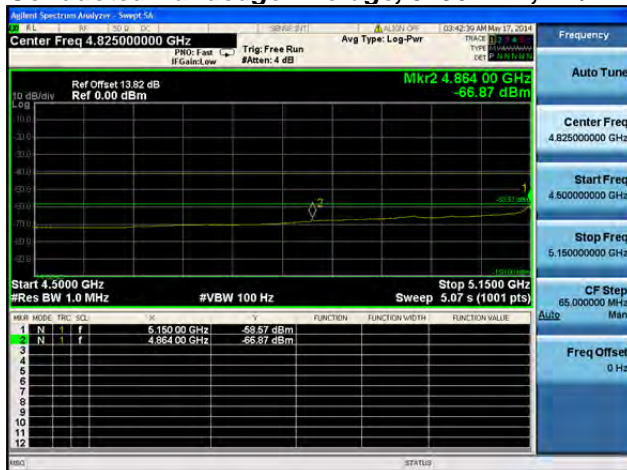
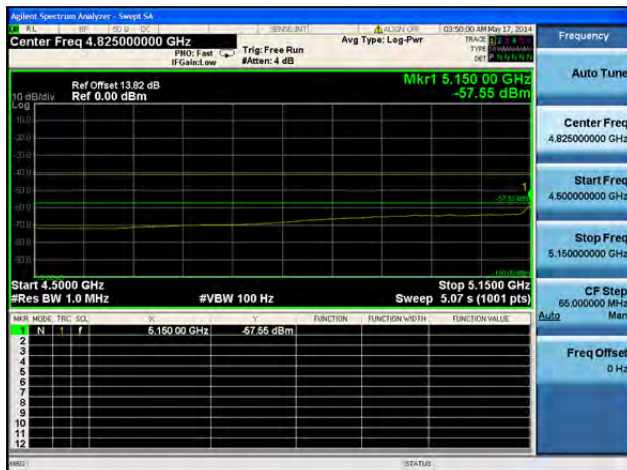
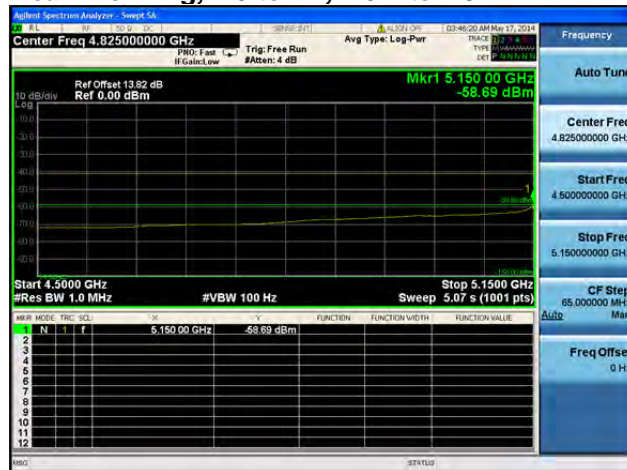
Antenna A

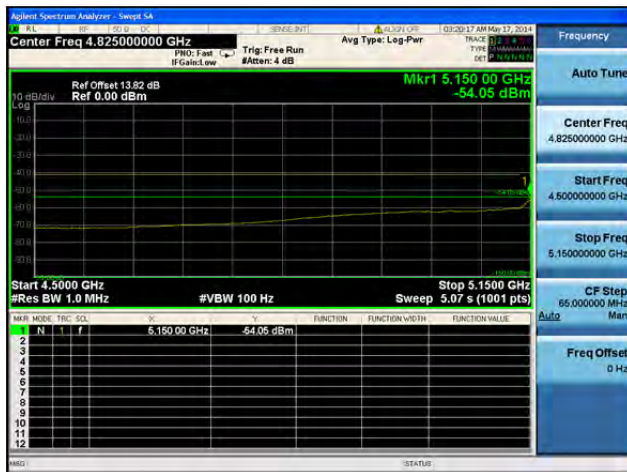
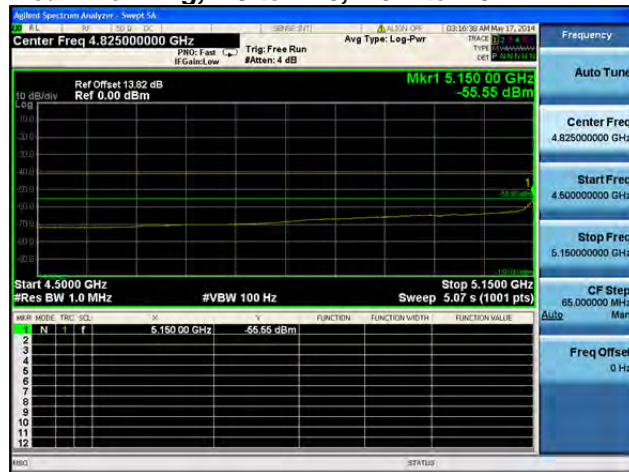


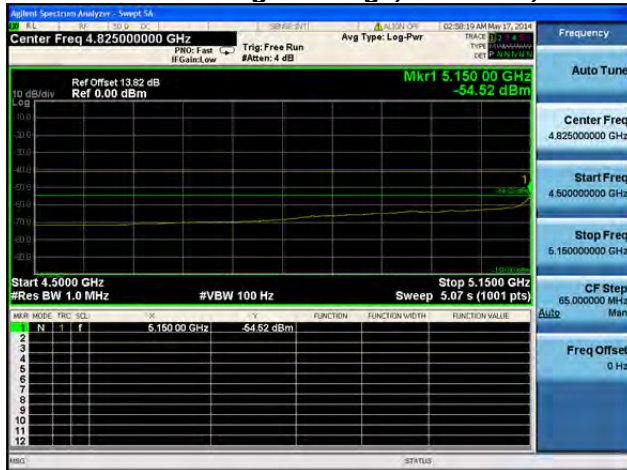
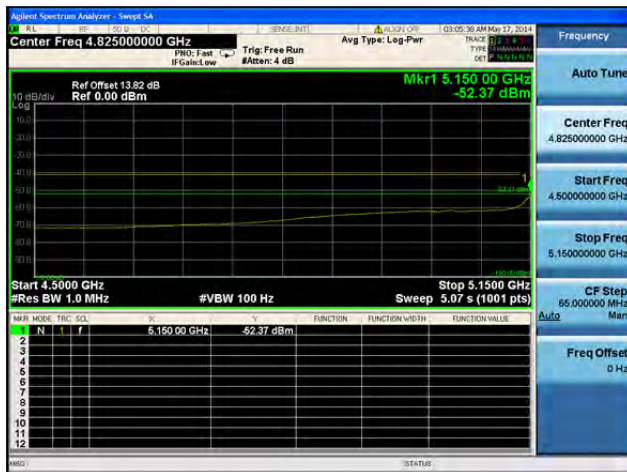
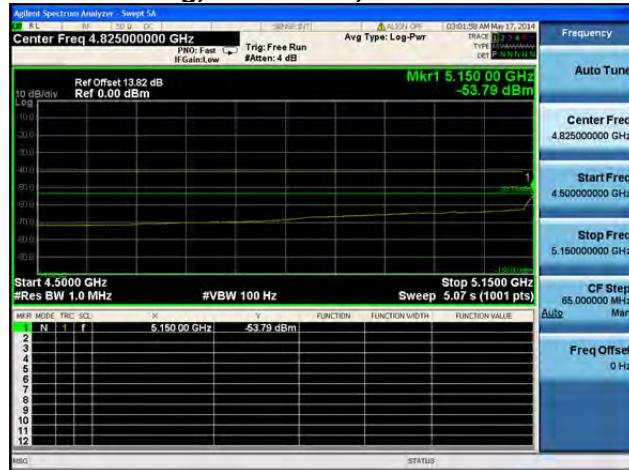
Antenna B



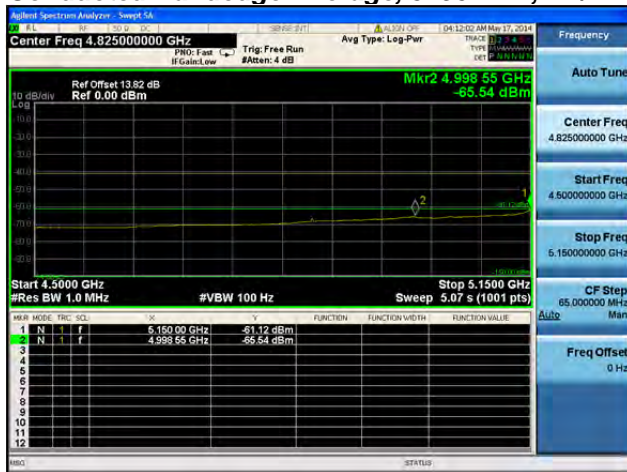
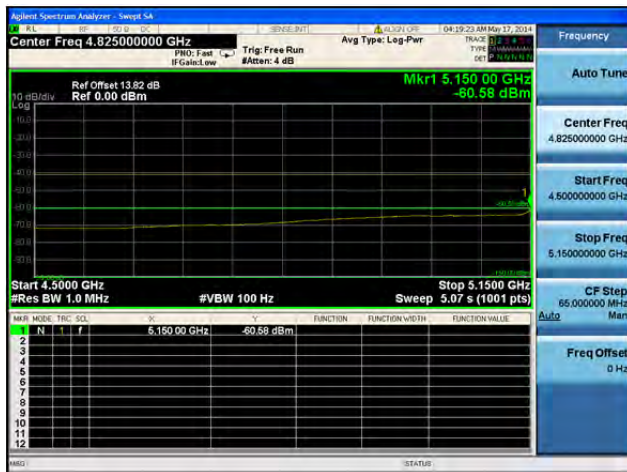
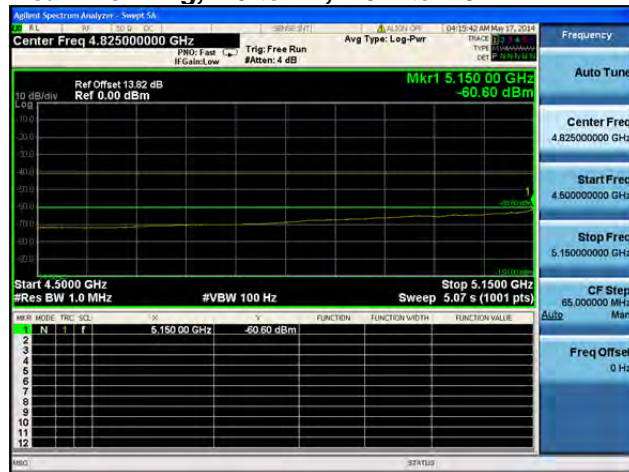
**Conducted Bandedge Average, 5190 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B**

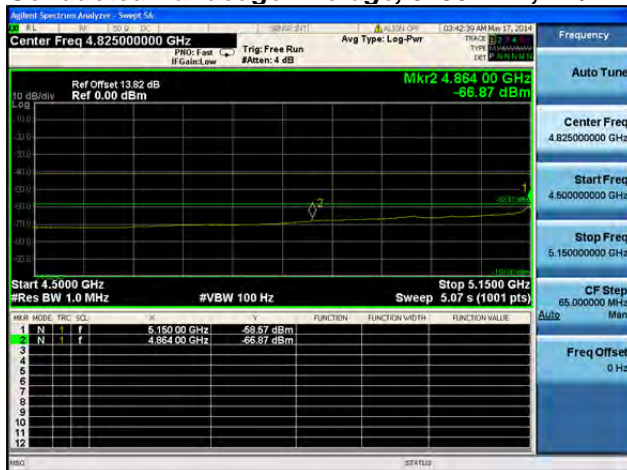
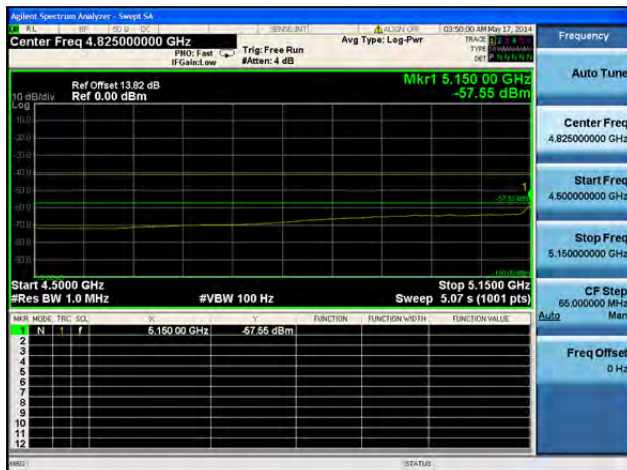
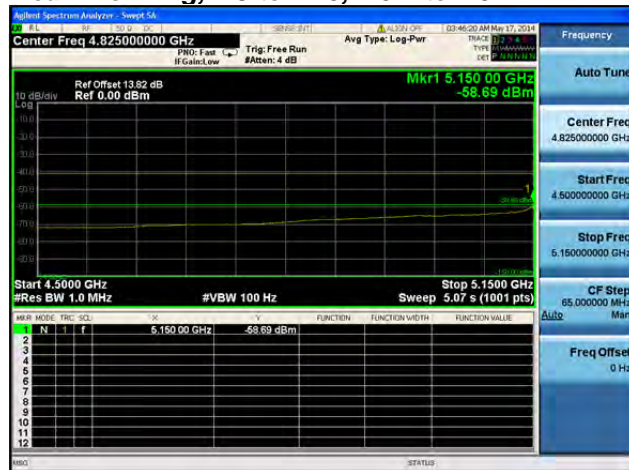
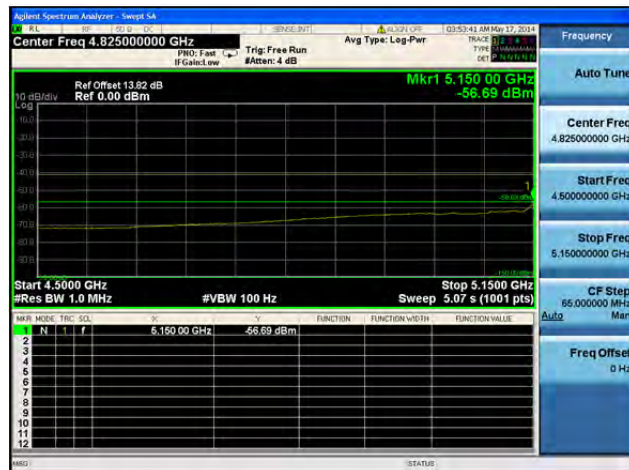
**Conducted Bandedge Average, 5190 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C**

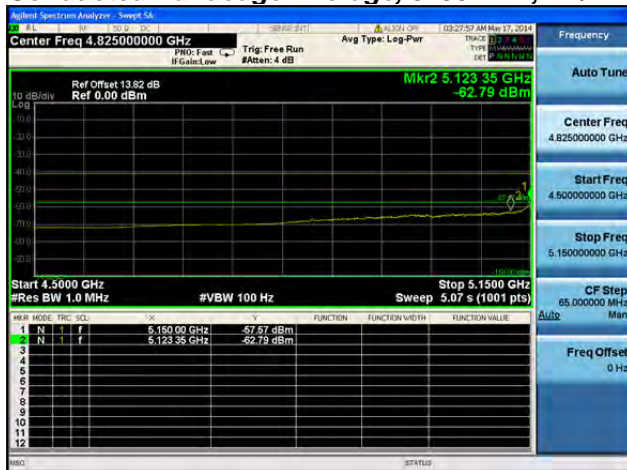
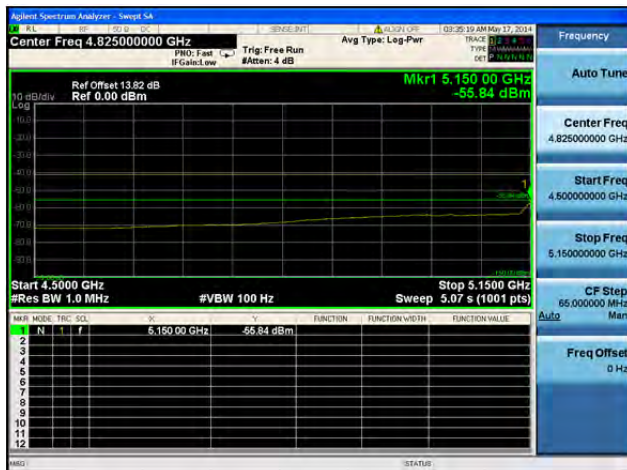
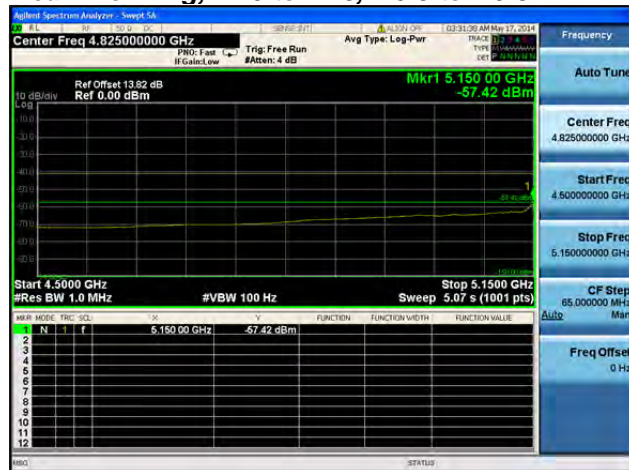
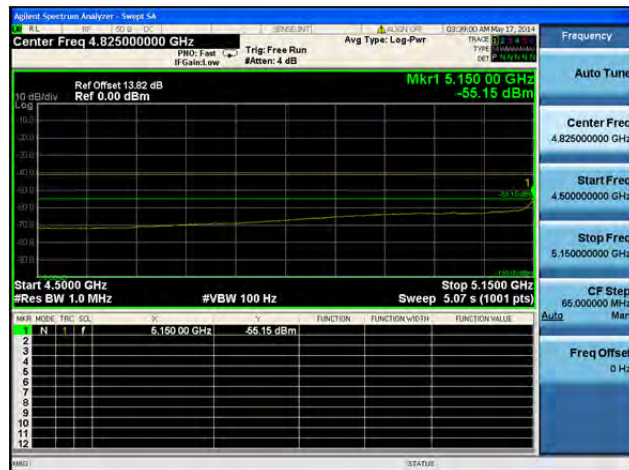
**Conducted Bandedge Average, 5190 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C**

**Conducted Bandedge Average, 5190 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C**

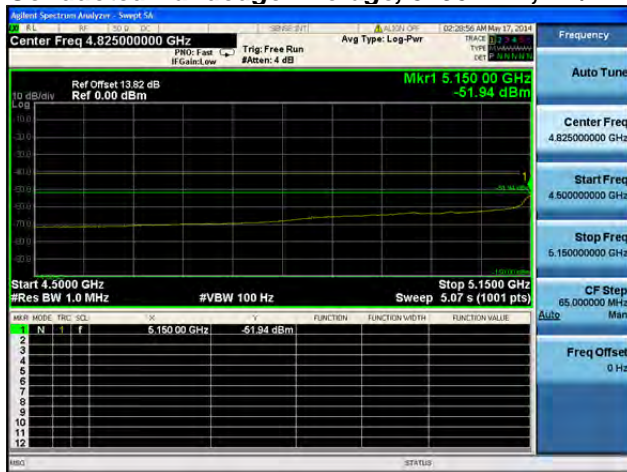
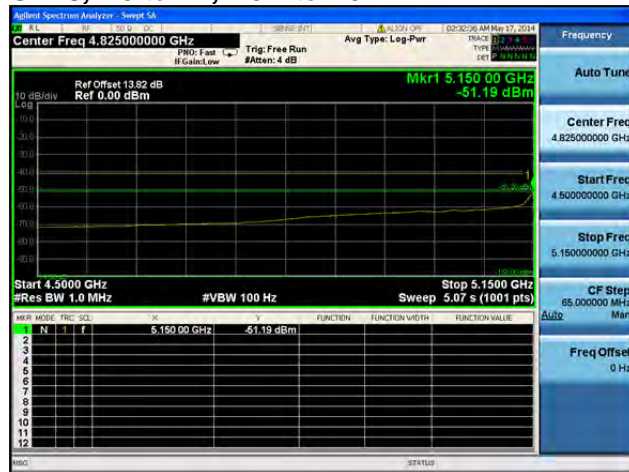


**Conducted Bandedge Average, 5190 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

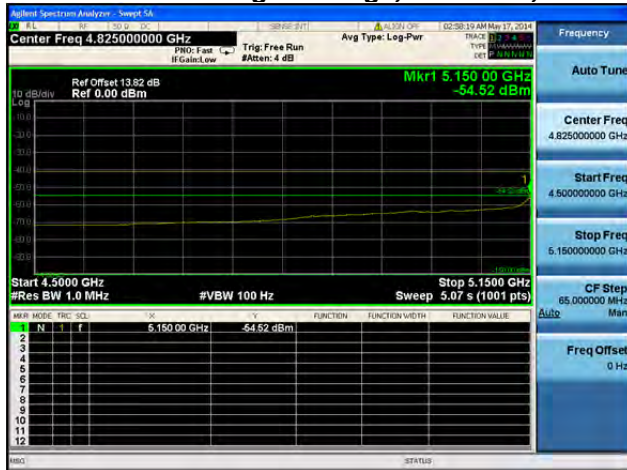
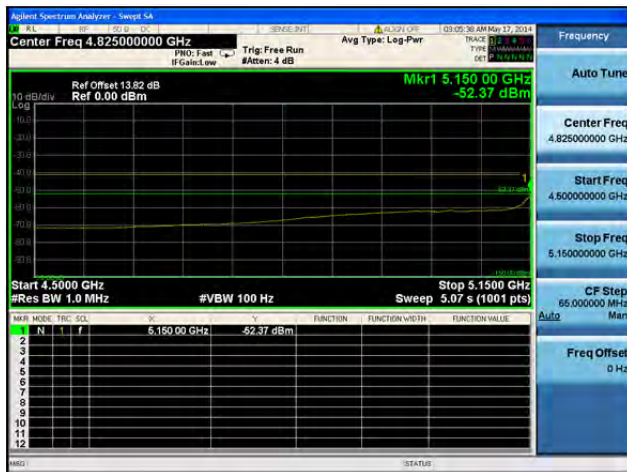
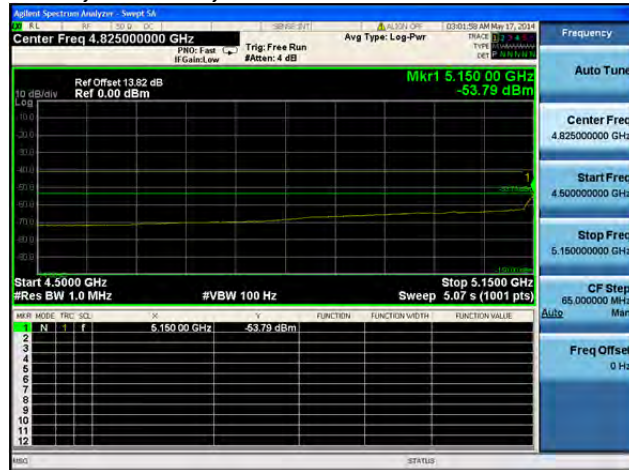
**Conducted Bandedge Average, 5190 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C****Antenna D**

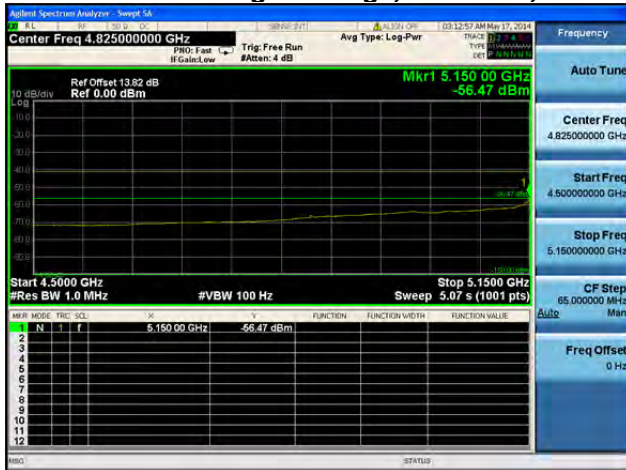
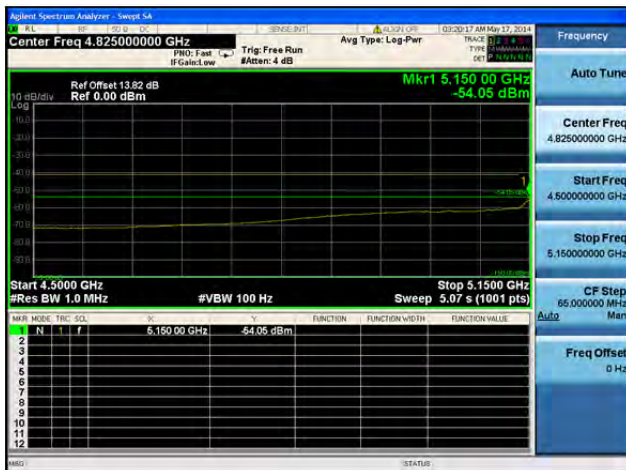
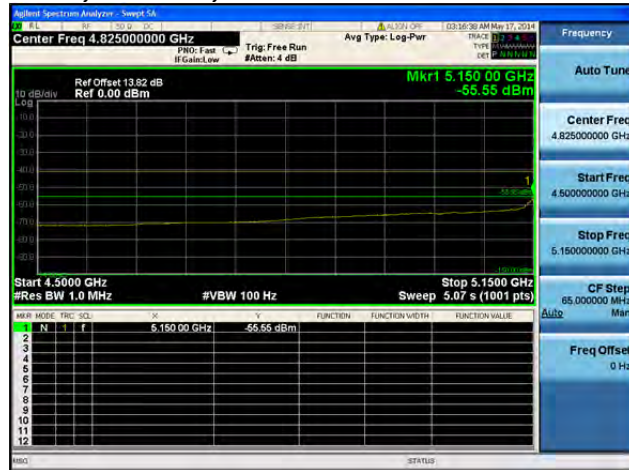
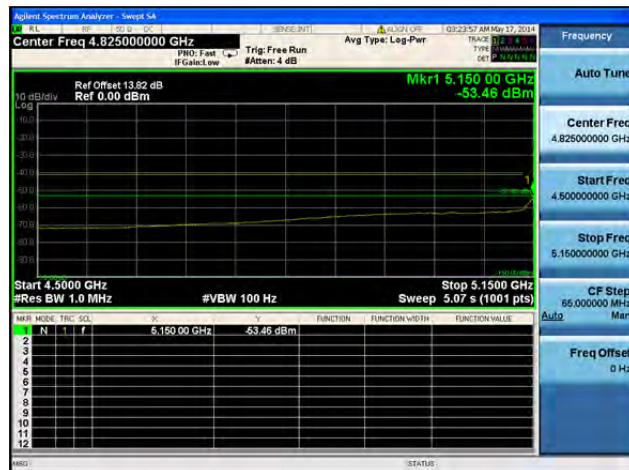
**Conducted Bandedge Average, 5190 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C****Antenna D**

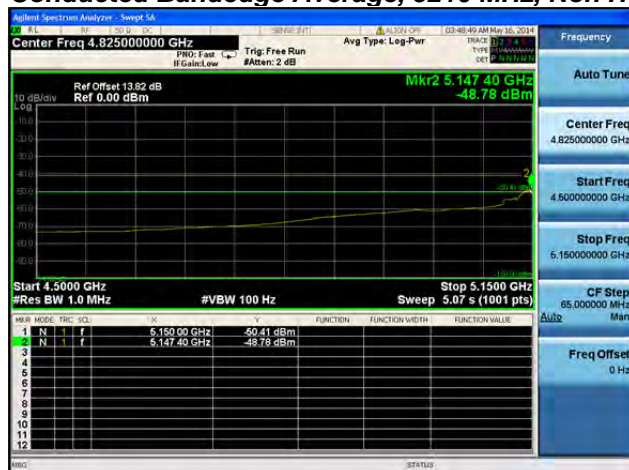


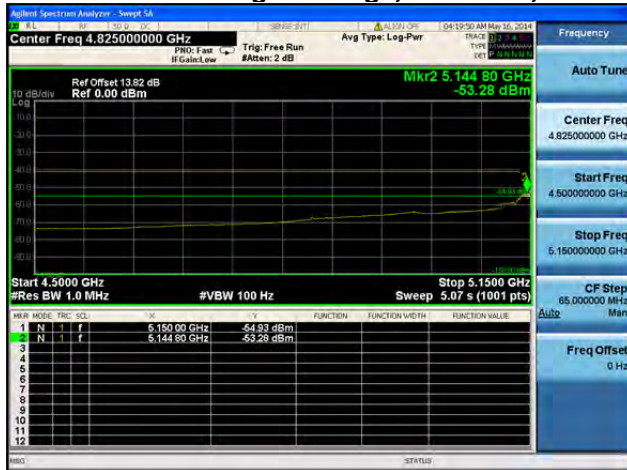
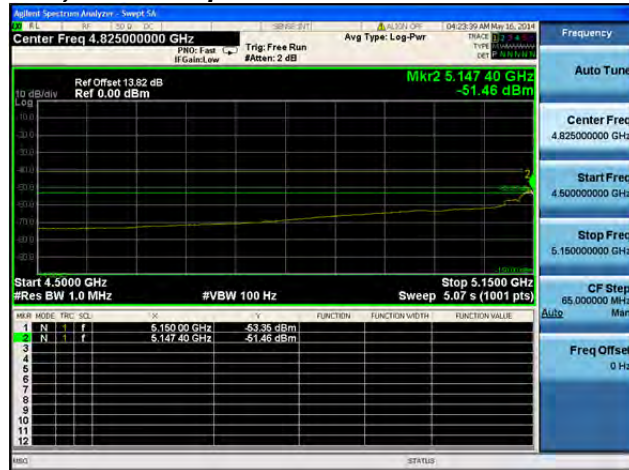
**Conducted Bandedge Average, 5190 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B**



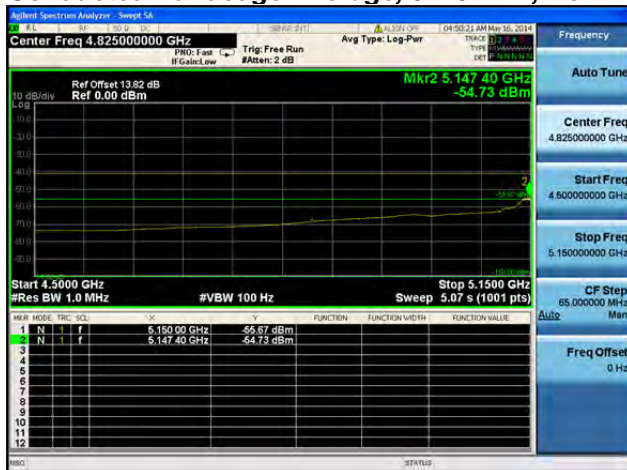
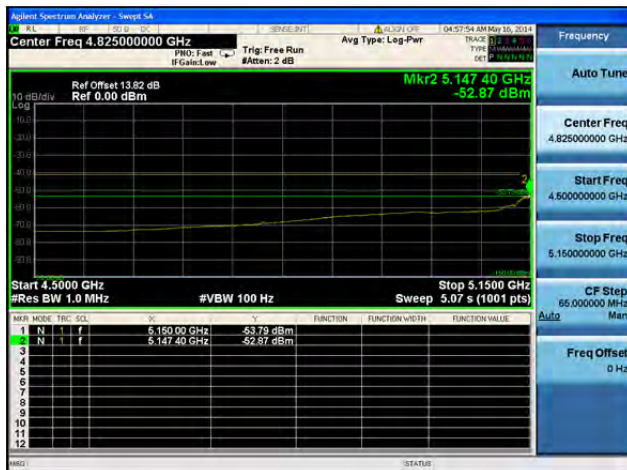
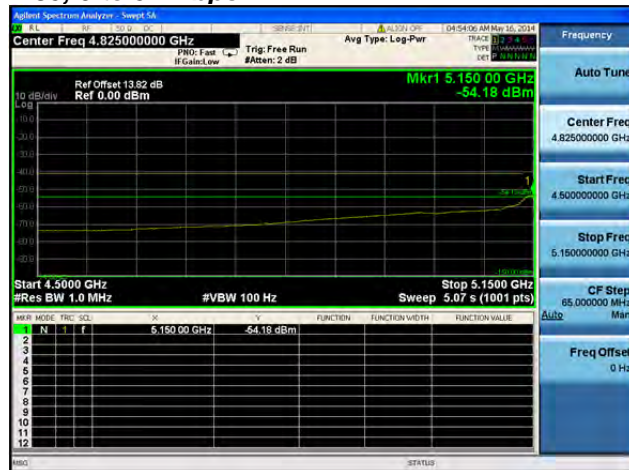
**Conducted Bandedge Average, 5190 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C**

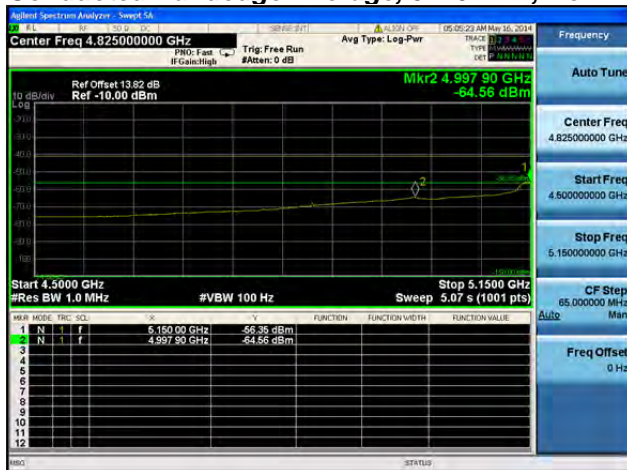
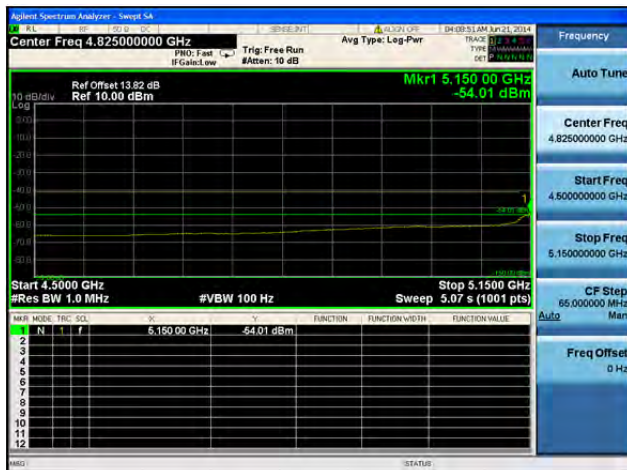
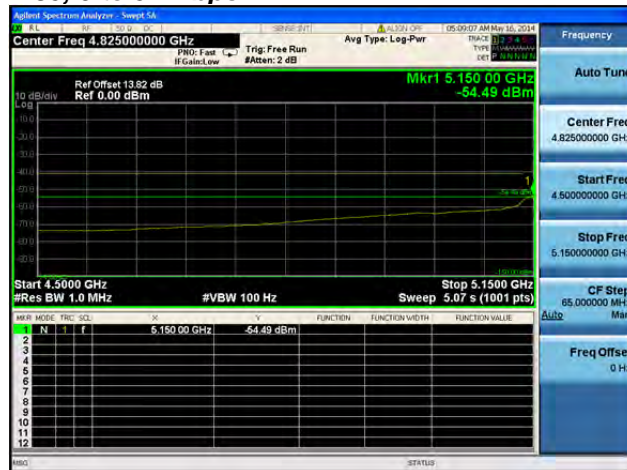
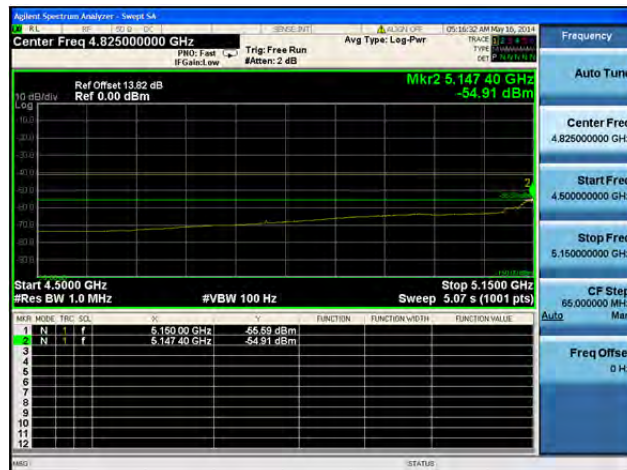
**Conducted Bandedge Average, 5190 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

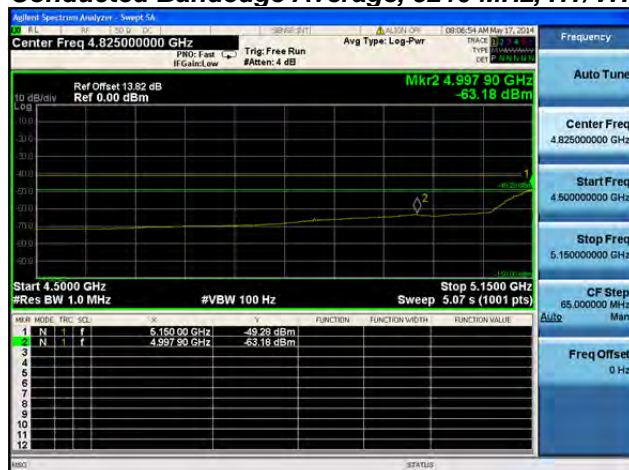
**Conducted Bandedge Average, 5210 MHz, Non HT/VHT80, 6 to 54 Mbps****Antenna A**

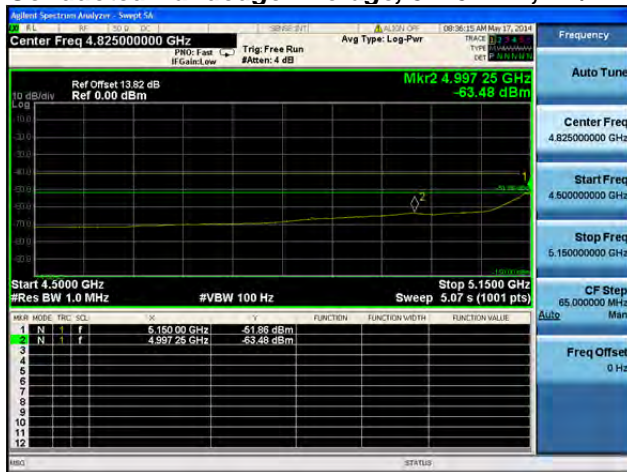
**Conducted Bandedge Average, 5210 MHz, Non HT/VHT80, 6 to 54 Mbps****Antenna A****Antenna B**



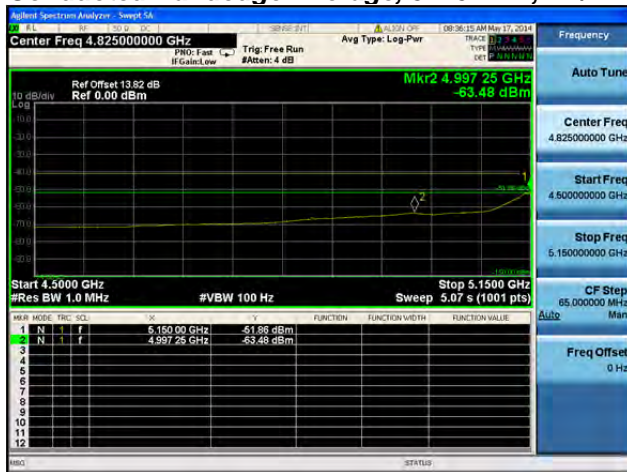
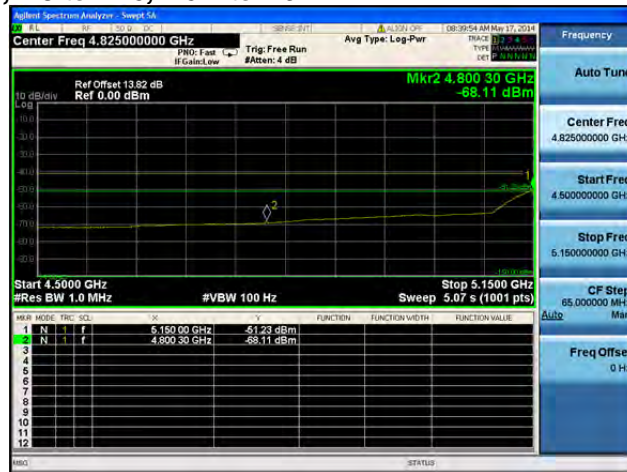
**Conducted Bandedge Average, 5210 MHz, Non HT/VHT80, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C**

**Conducted Bandedge Average, 5210 MHz, Non HT/VHT80, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C****Antenna D**

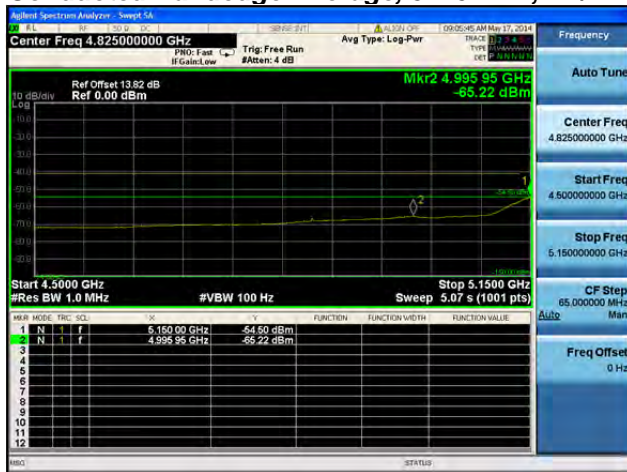
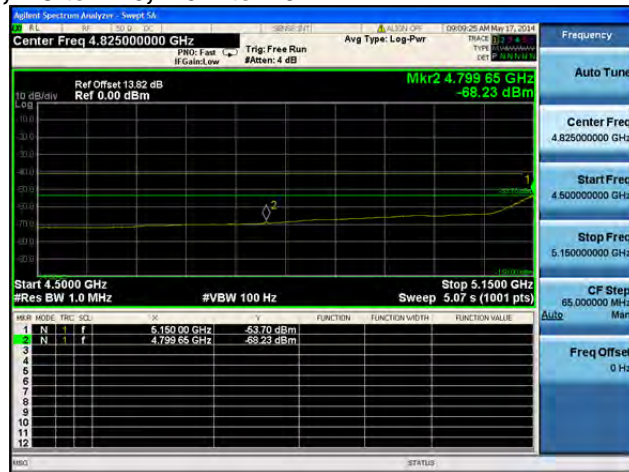
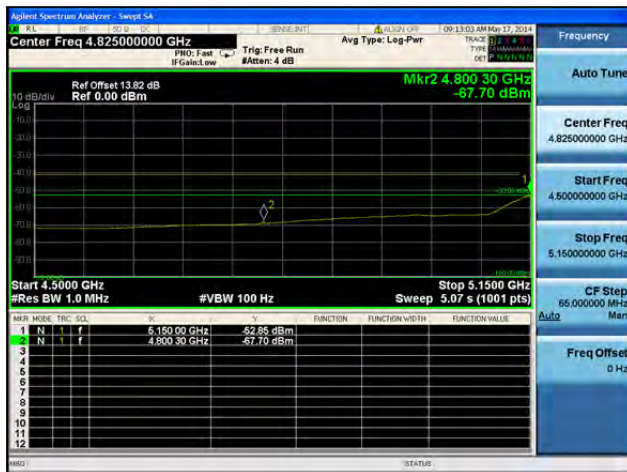
**Conducted Bandedge Average, 5210 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1****Antenna A**

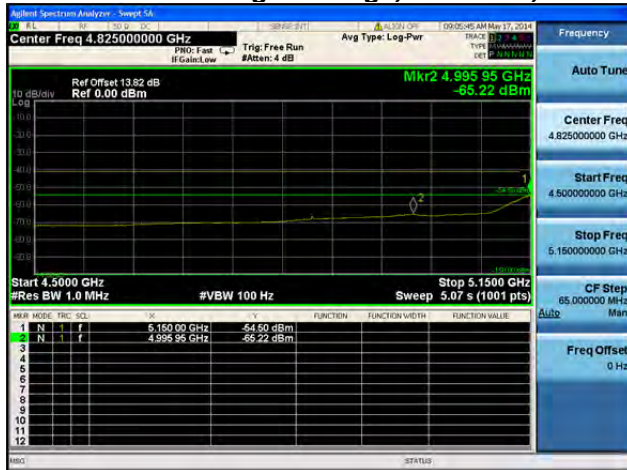
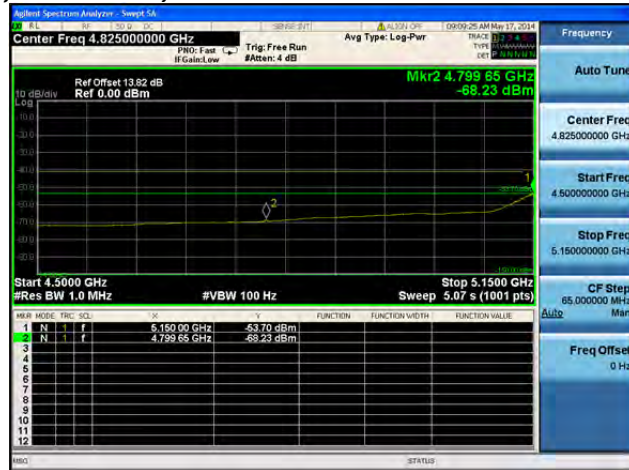
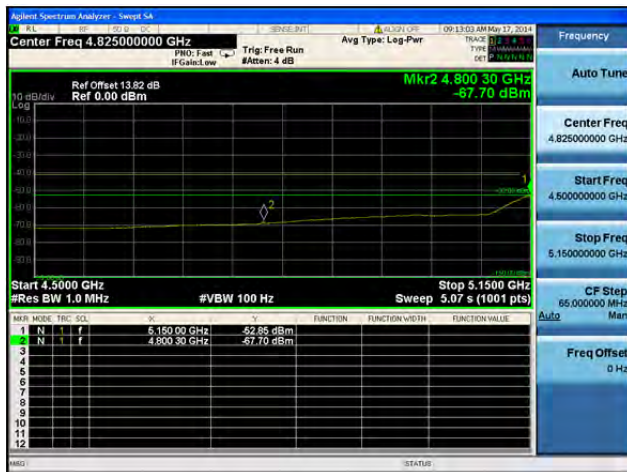
**Conducted Bandedge Average, 5210 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B**



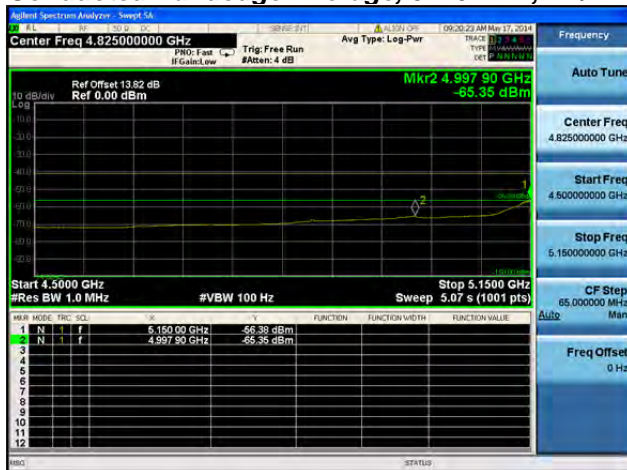
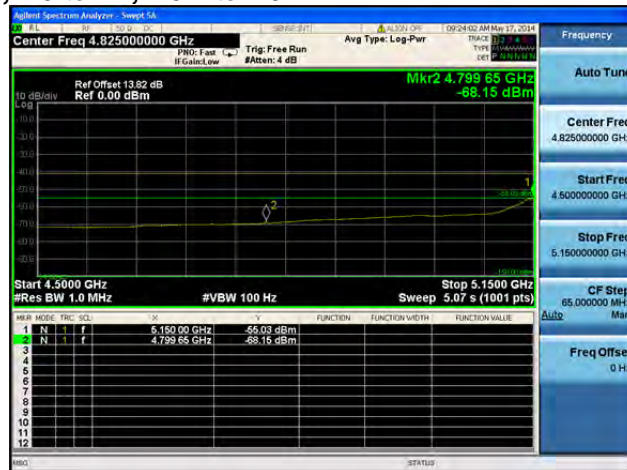
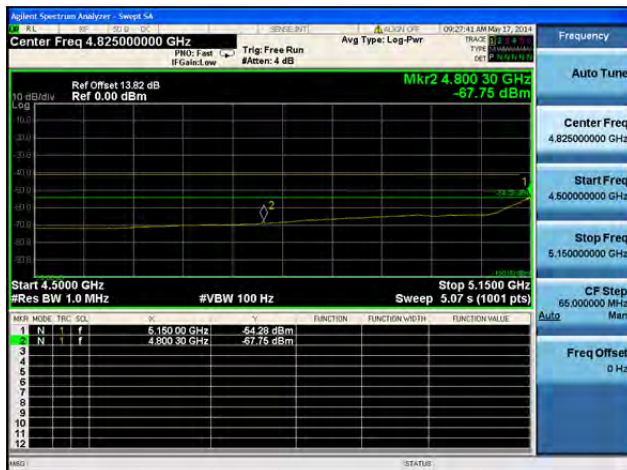
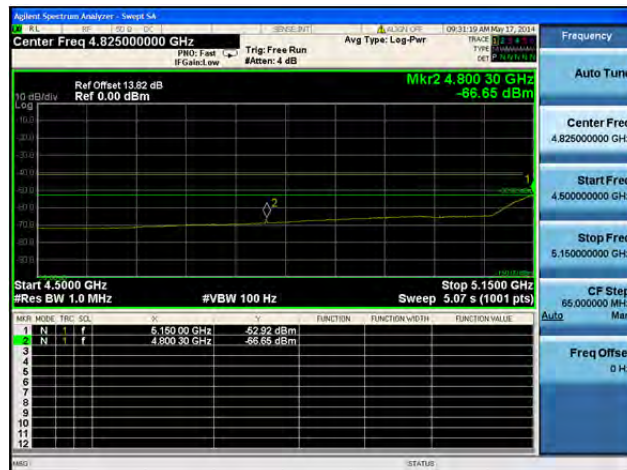
**Conducted Bandedge Average, 5210 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B**

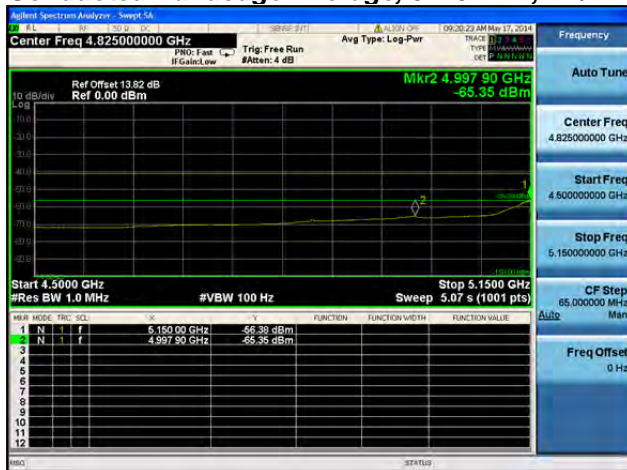
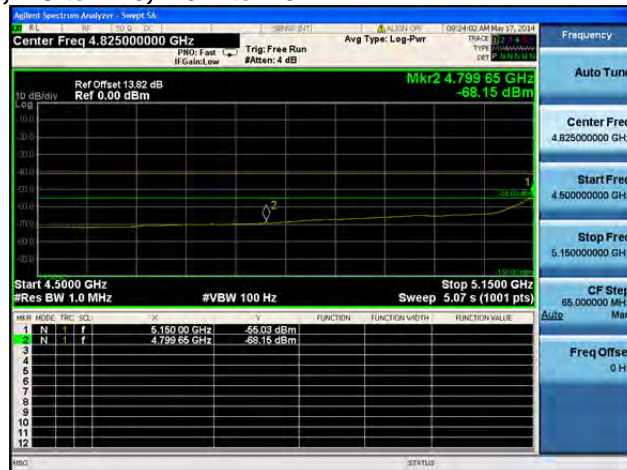
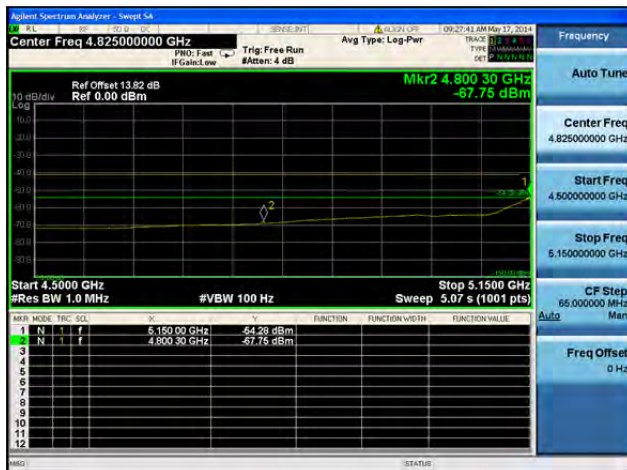
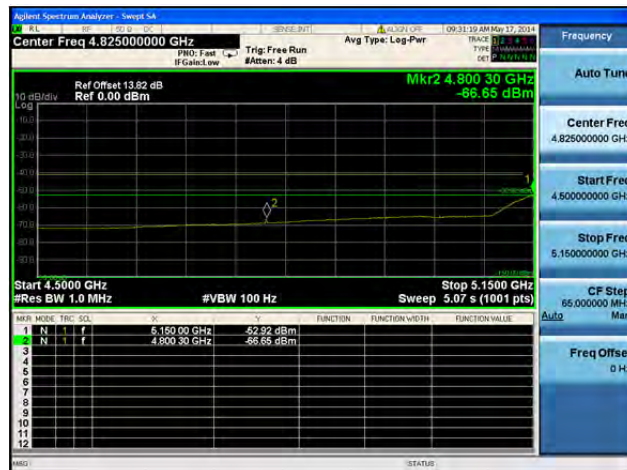
**Conducted Bandedge Average, 5210 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C**

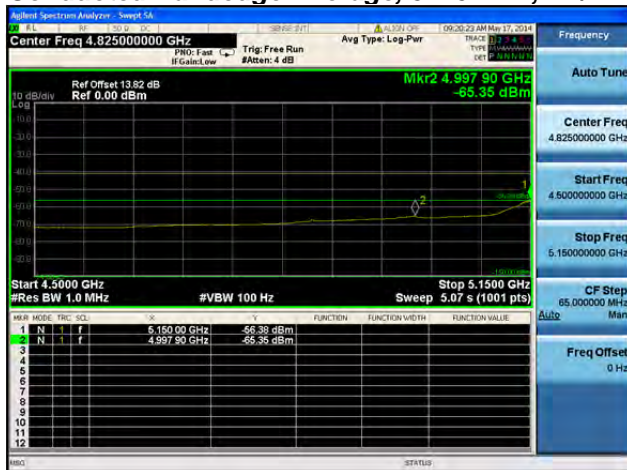
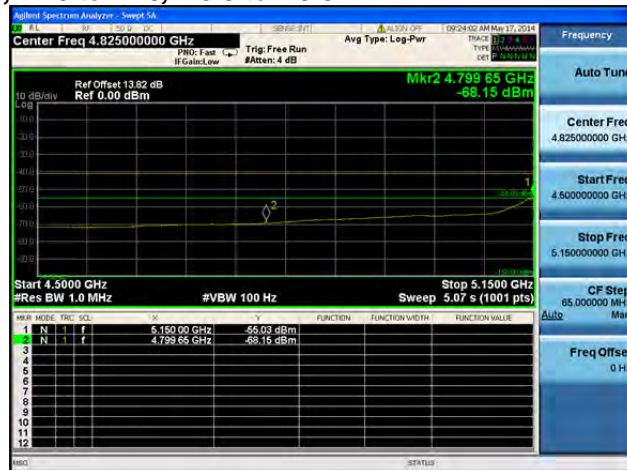
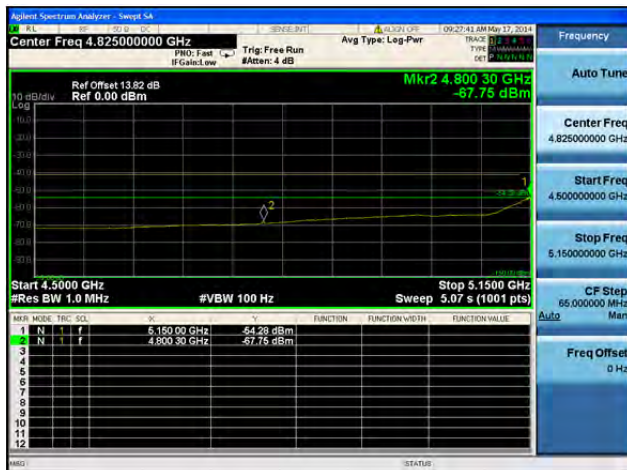
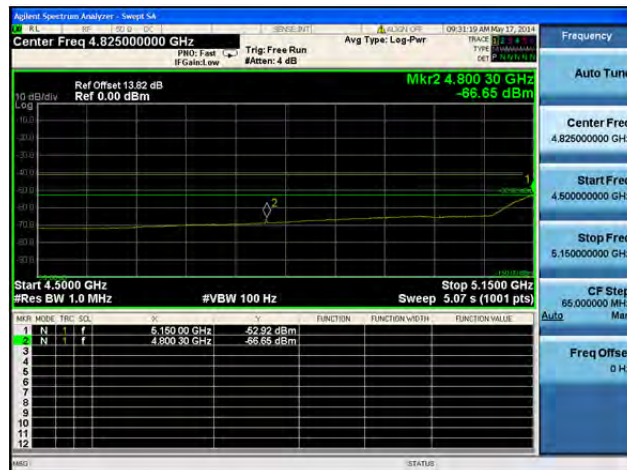
**Conducted Bandedge Average, 5210 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C**

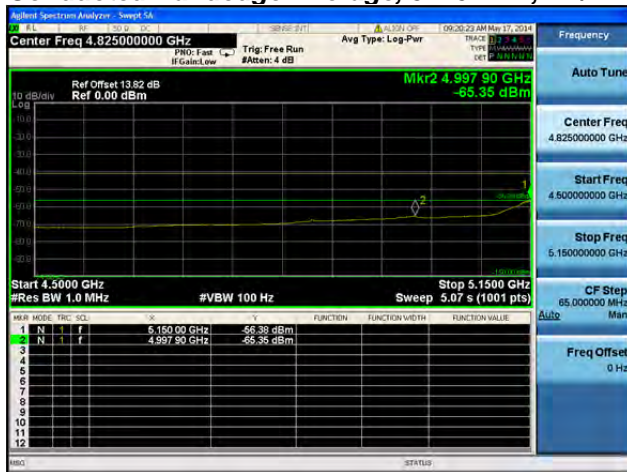
**Conducted Bandedge Average, 5210 MHz, HT/VHT80, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C**



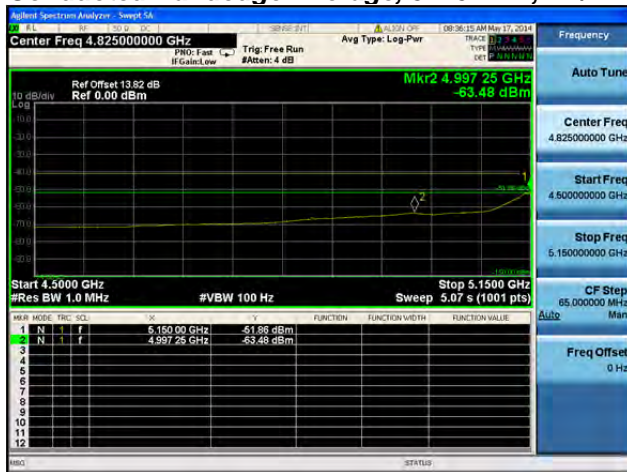
**Conducted Bandedge Average, 5210 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

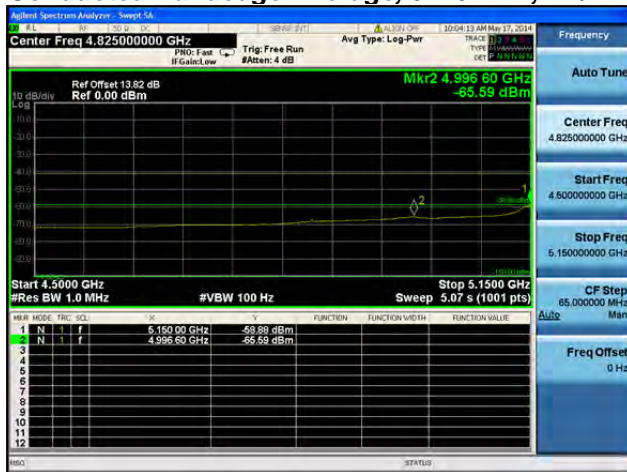
**Conducted Bandedge Average, 5210 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C****Antenna D**

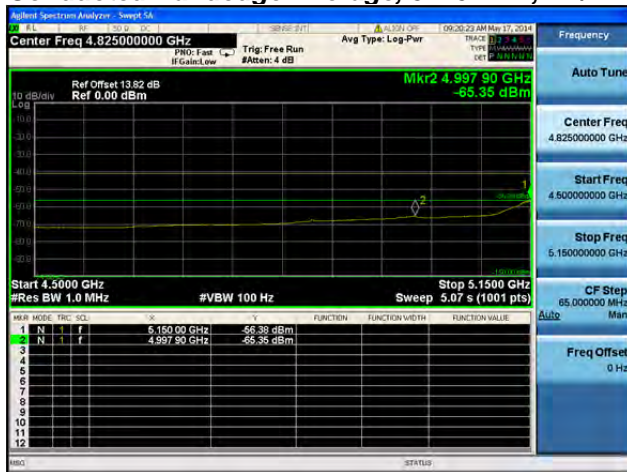
**Conducted Bandedge Average, 5210 MHz, HT/VHT80, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C****Antenna D**

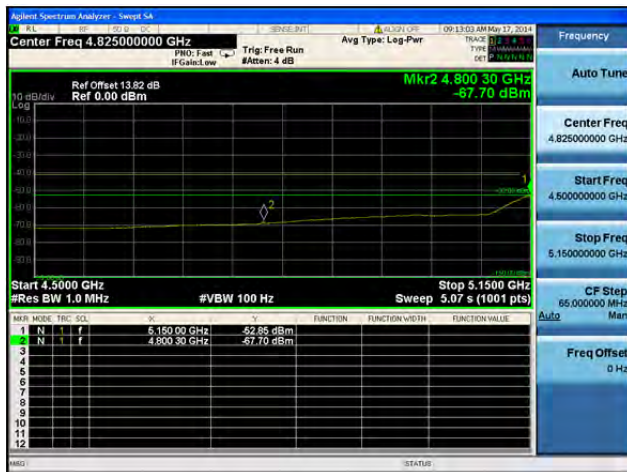
**Conducted Bandedge Average, 5210 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B**



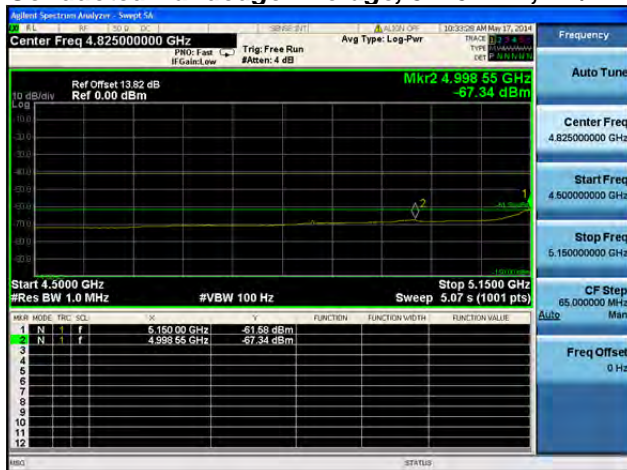
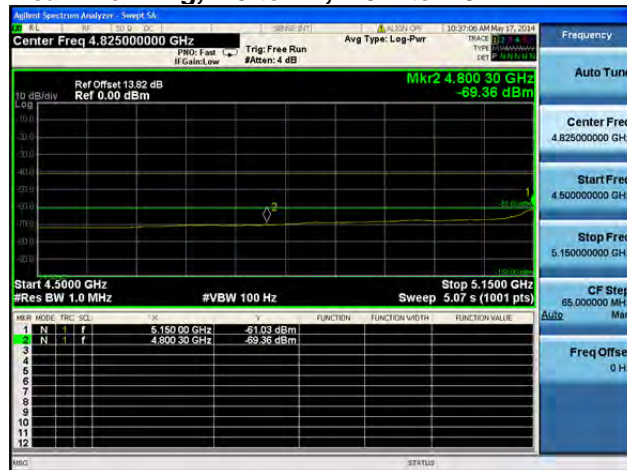
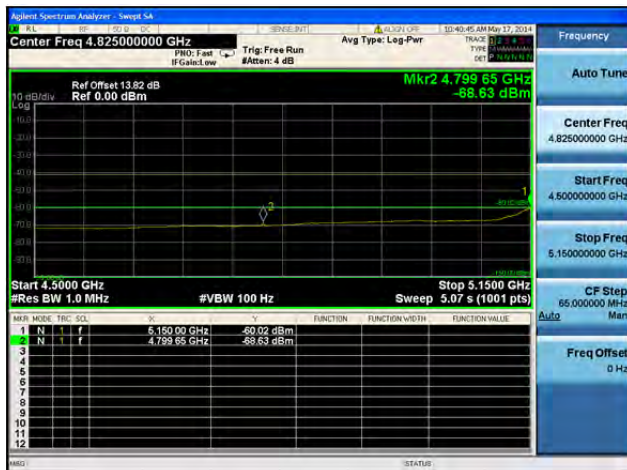
**Conducted Bandedge Average, 5210 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B**

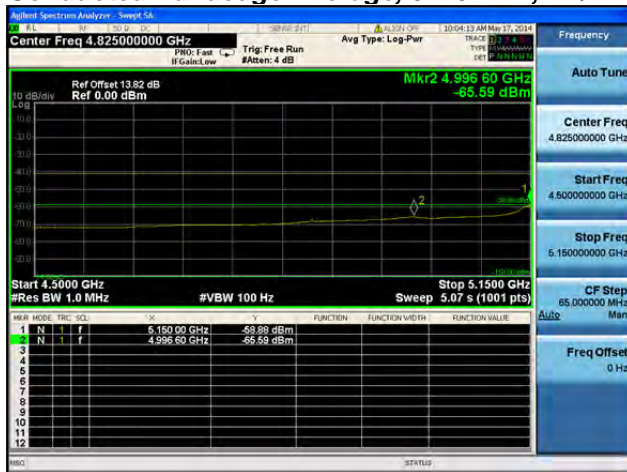
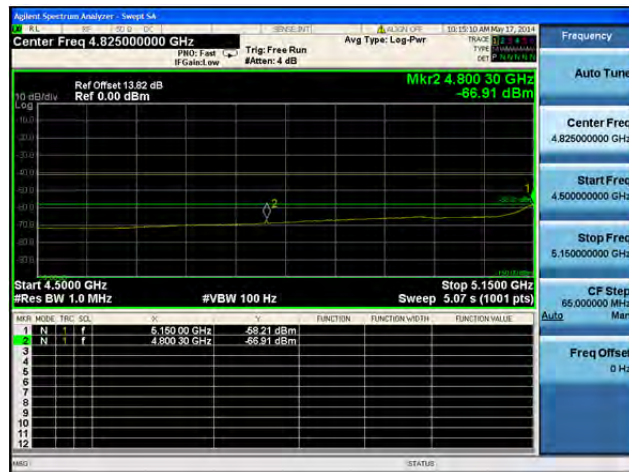
**Conducted Bandedge Average, 5210 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C**

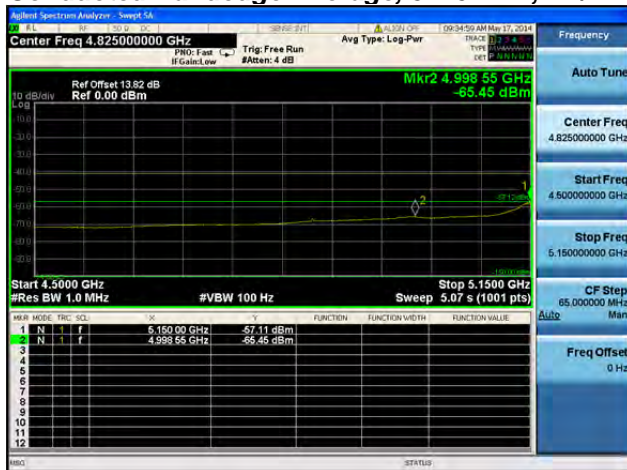
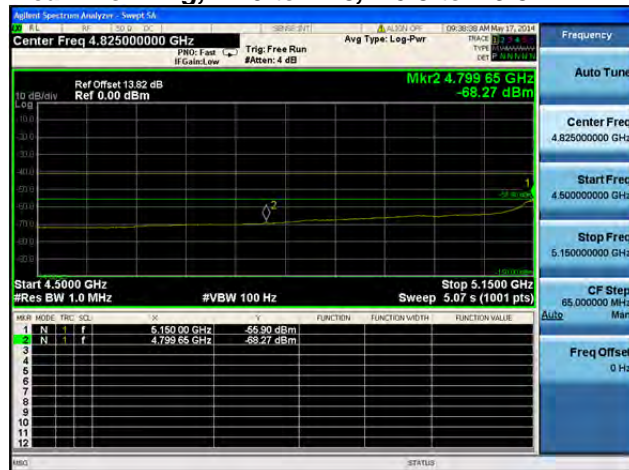
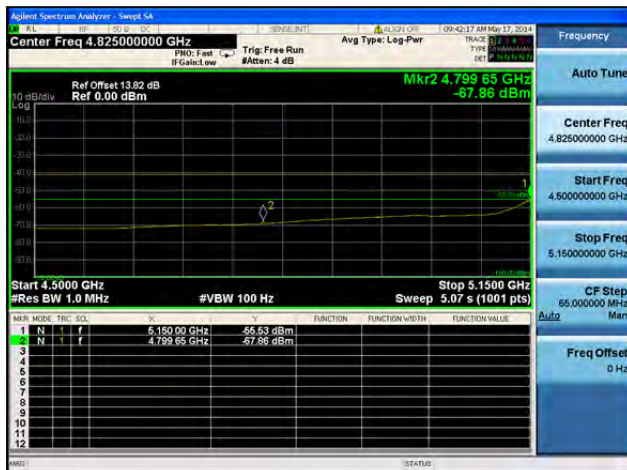
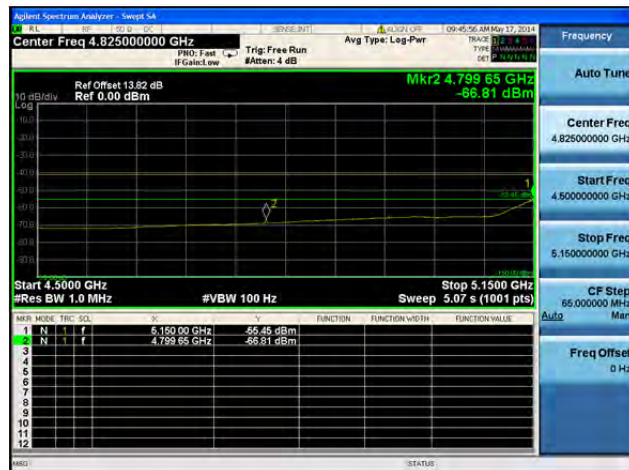
**Conducted Bandedge Average, 5210 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C**

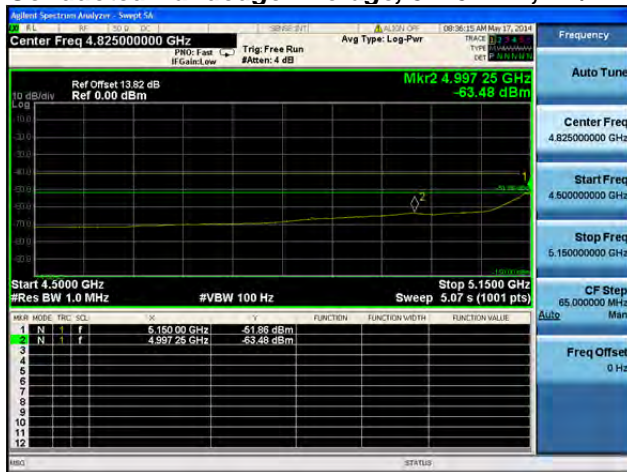
**Conducted Bandedge Average, 5210 MHz, HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C**



**Conducted Bandedge Average, 5210 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

**Conducted Bandedge Average, 5210 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C****Antenna D**

**Conducted Bandedge Average, 5210 MHz, HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C****Antenna D**

**Conducted Bandedge Average, 5210 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B**



General Spectrum Analyzer - Screenshot

Center Freq 4.825000000 GHz

Ref Offset 13.82 dB

Ref 0.00 dBm

Mkr2 4.995 95 GHz -65.22 dBm

Start 4.5000 GHz

Stop 5.1500 GHz

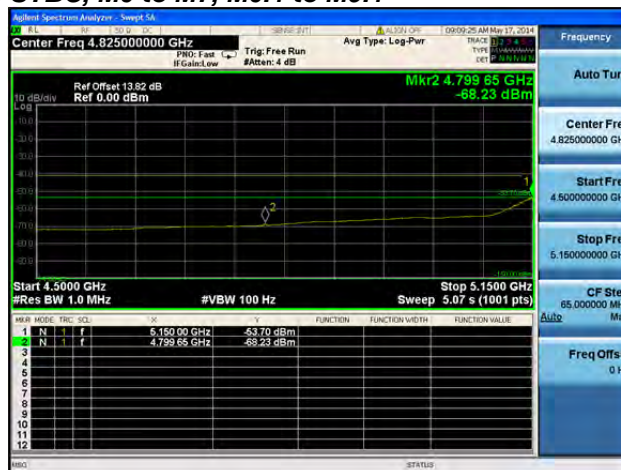
Res BW 1.0 MHz

VBW 100 Hz

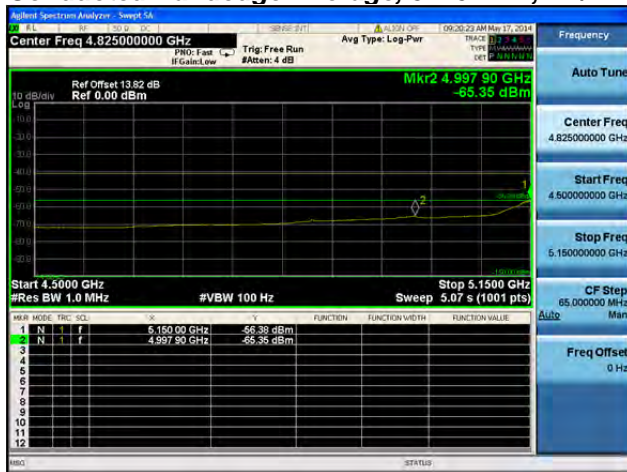
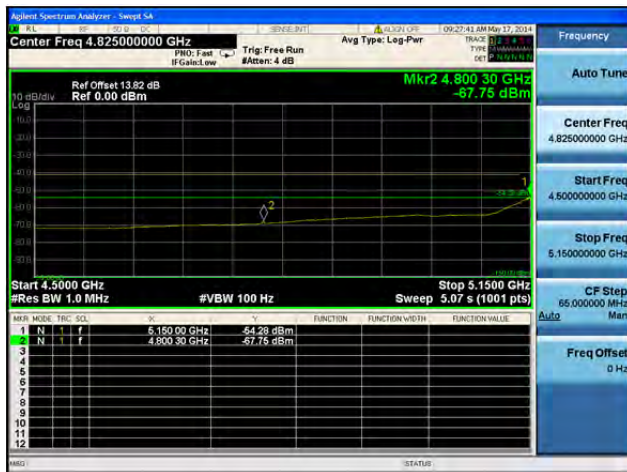
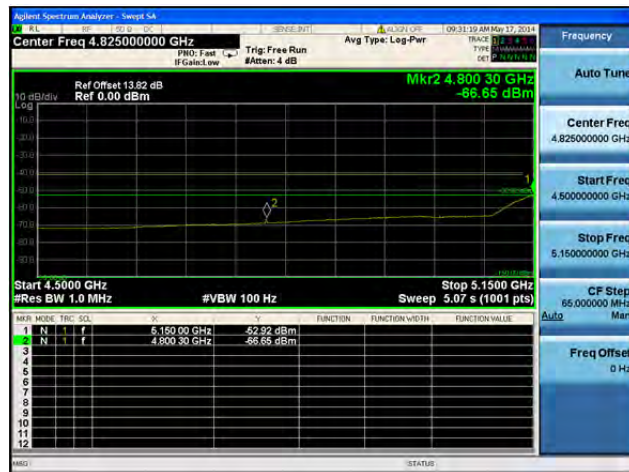
Sweep 1001 pts

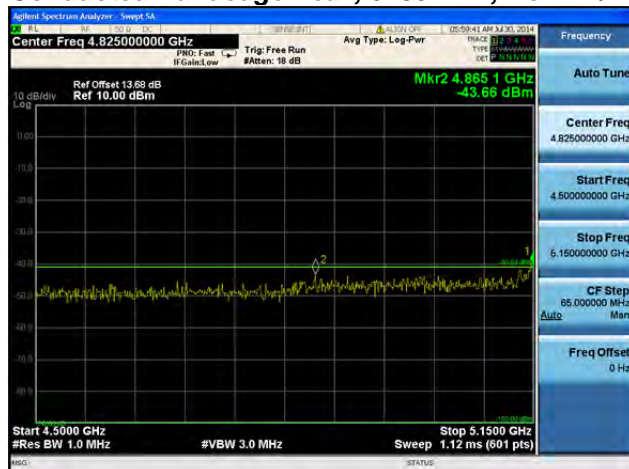
Marker	Mode	Trc	SC	F	Amplitude	Function	Function Width	Function Value
1	N	1	F	4.995 95 GHz	-65.22 dBm			
2	N	1	F	4.995 95 GHz	-65.22 dBm			

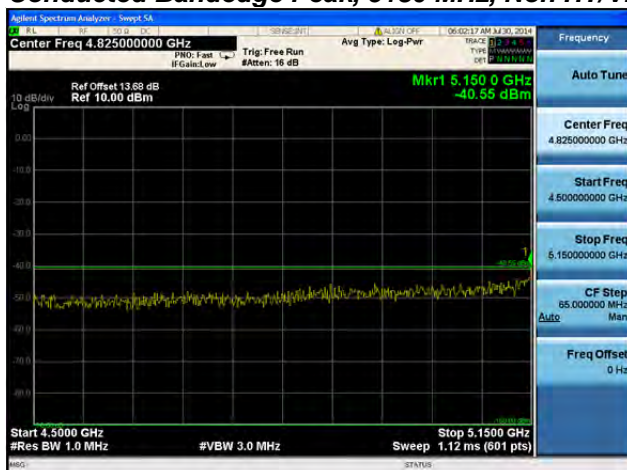
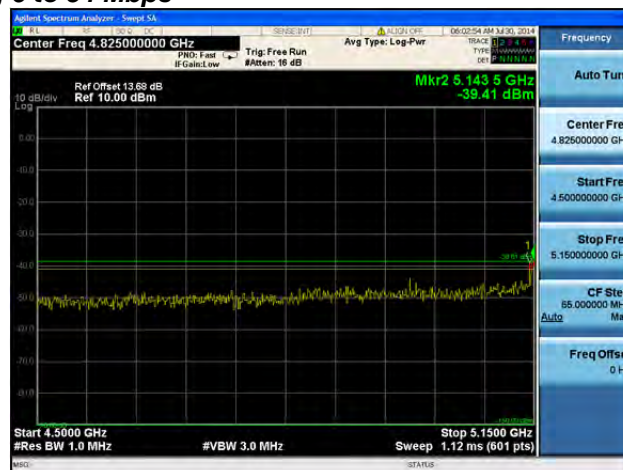
### Antenna B



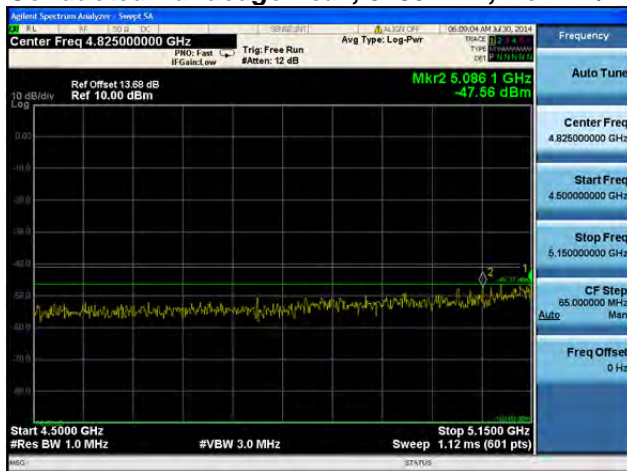
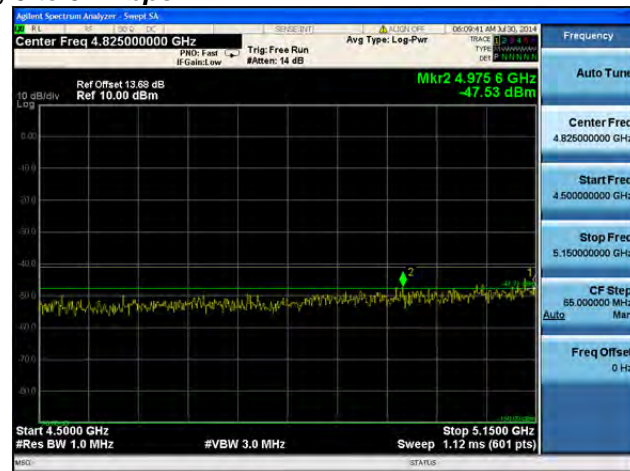
### Antenna C

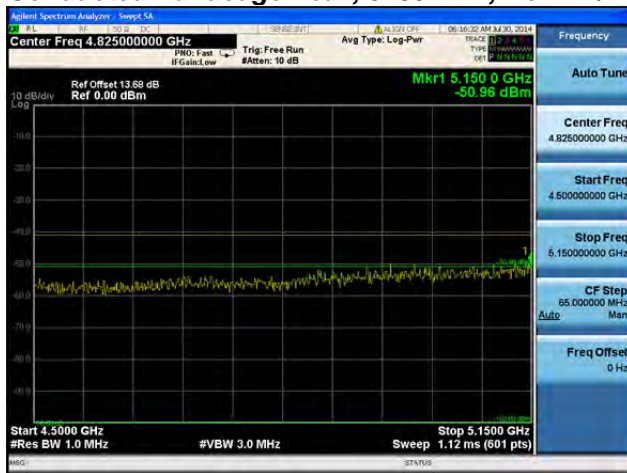
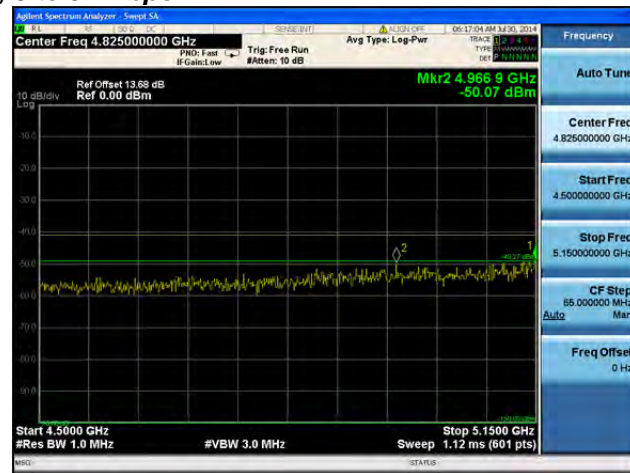
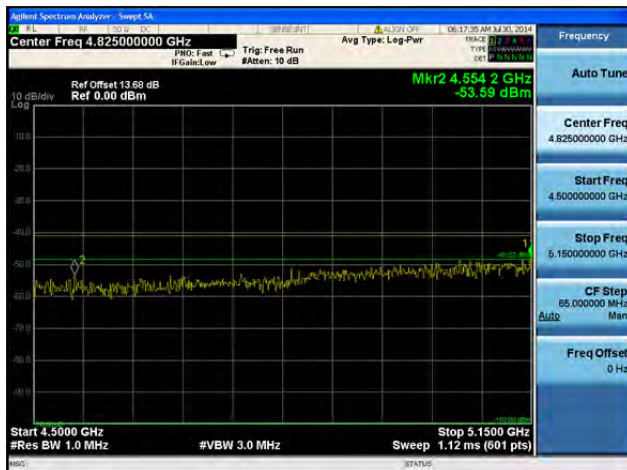
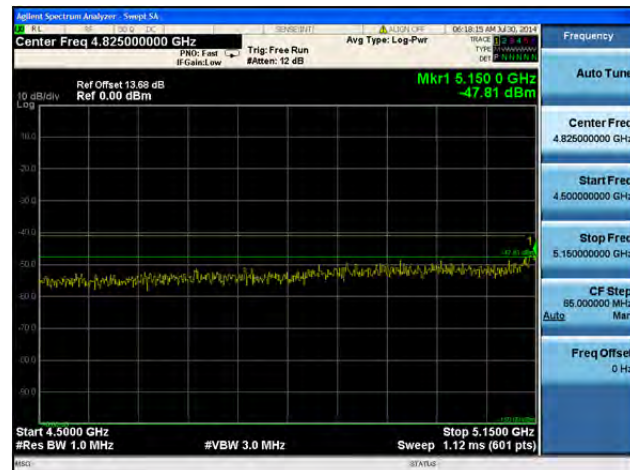
**Conducted Bandedge Average, 5210 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**

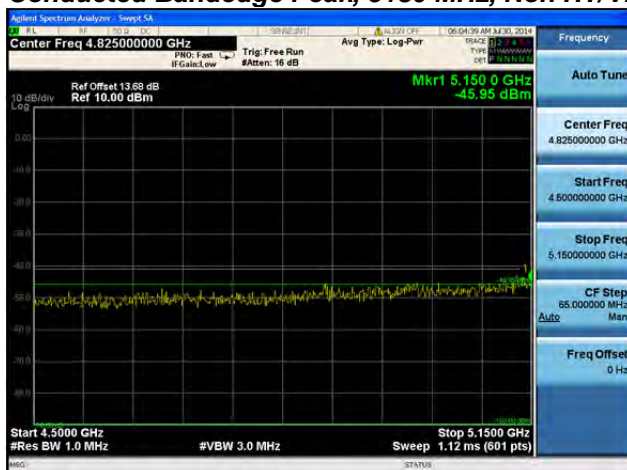
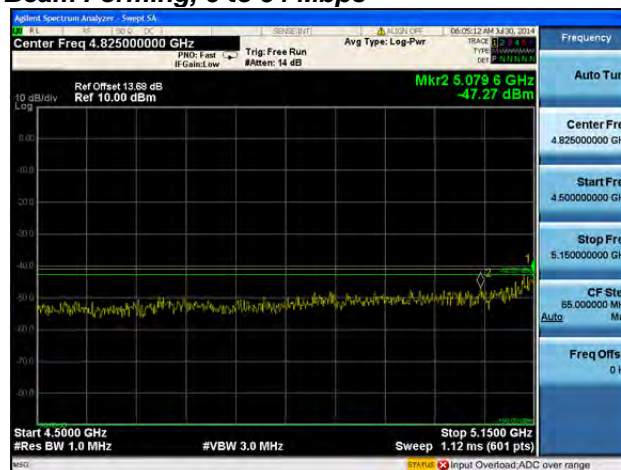
**Conducted Bandedge Peak, 5180 MHz, Non HT/VHT20, 6 to 54 Mbps****Antenna A**

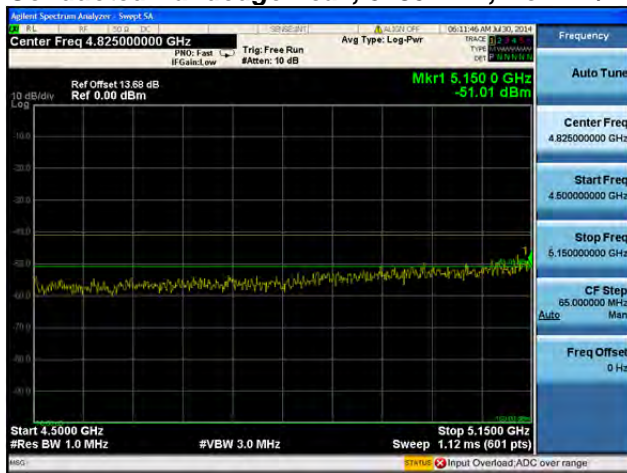
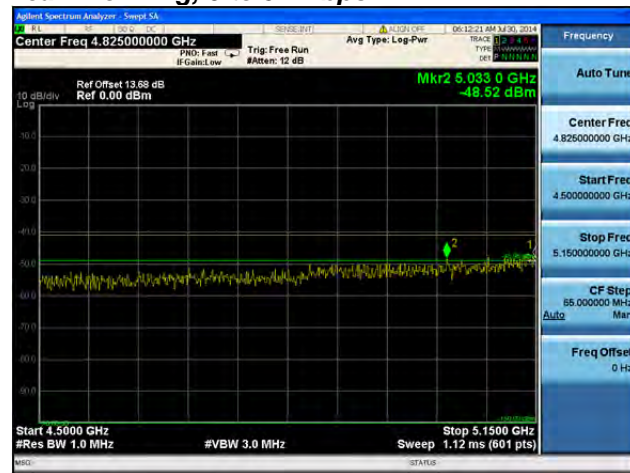
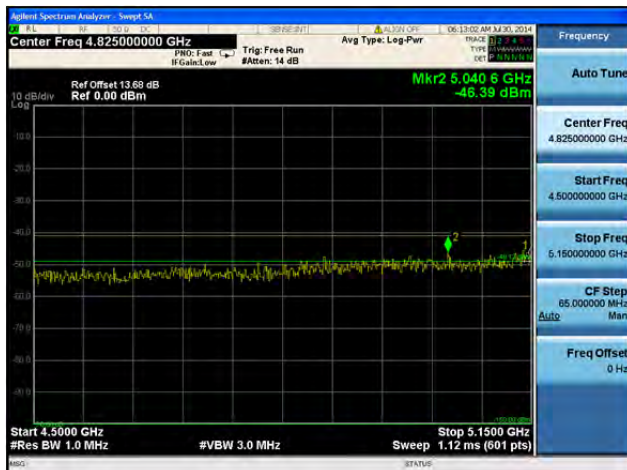
**Conducted Bandedge Peak, 5180 MHz, Non HT/VHT20, 6 to 54 Mbps****Antenna A****Antenna B**



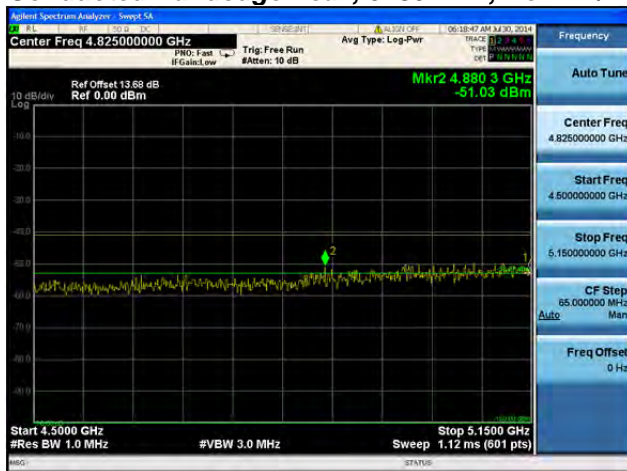
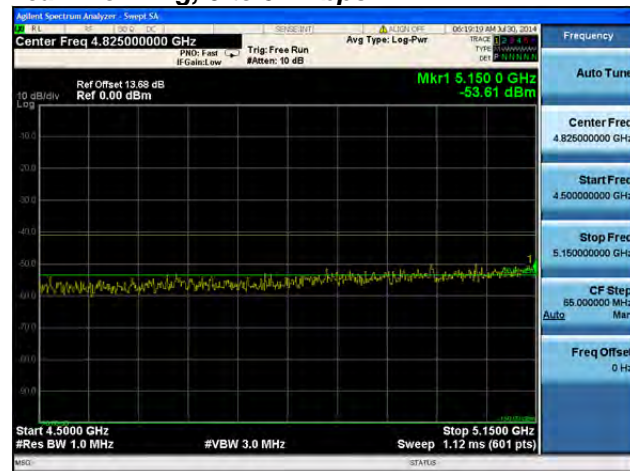
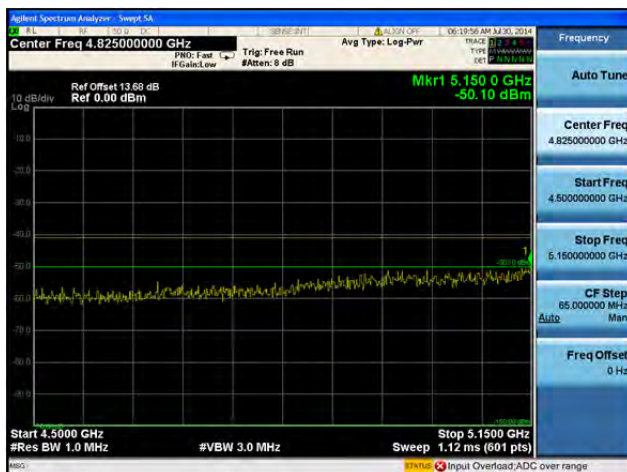
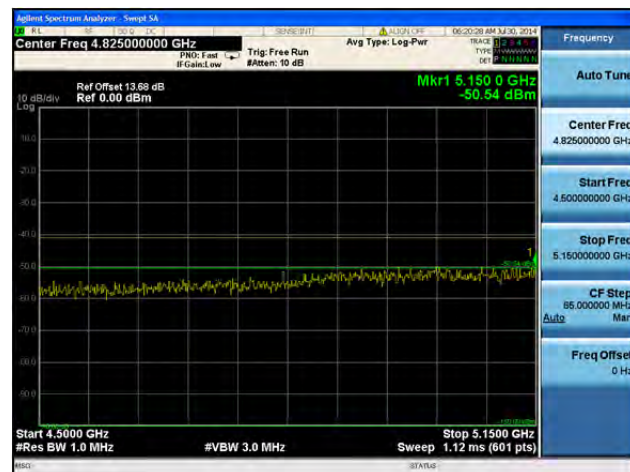
**Conducted Bandedge Peak, 5180 MHz, Non HT/VHT20, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C**

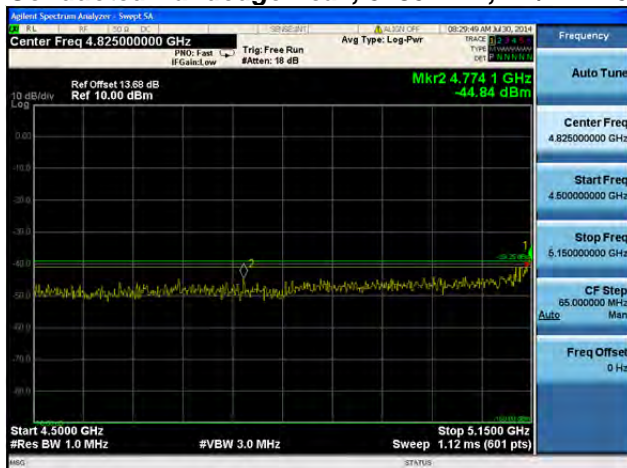
**Conducted Bandedge Peak, 5180 MHz, Non HT/VHT20, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C****Antenna D**

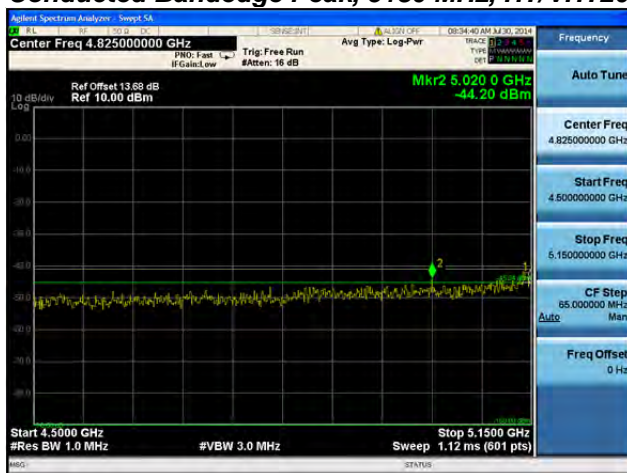
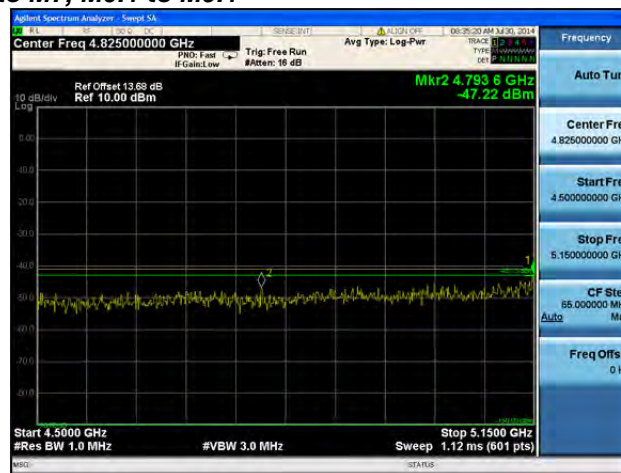
**Conducted Bandedge Peak, 5180 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps****Antenna A****Antenna B**

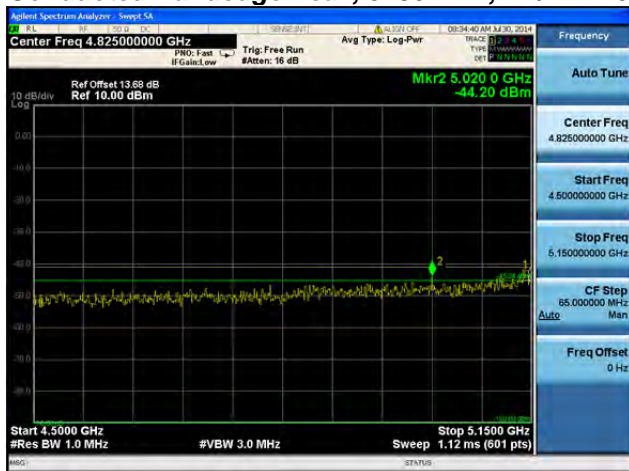
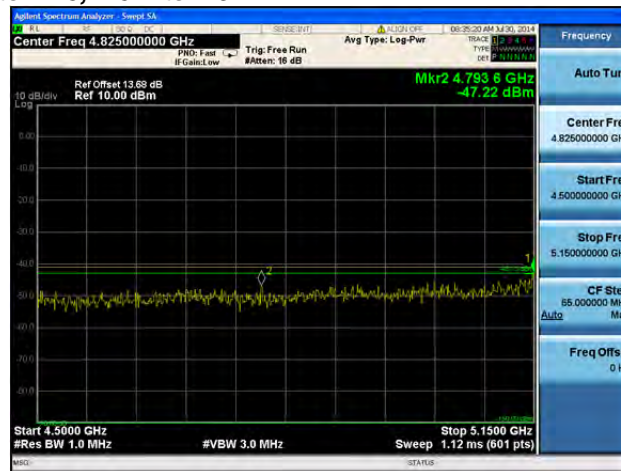
**Conducted Bandedge Peak, 5180 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C**



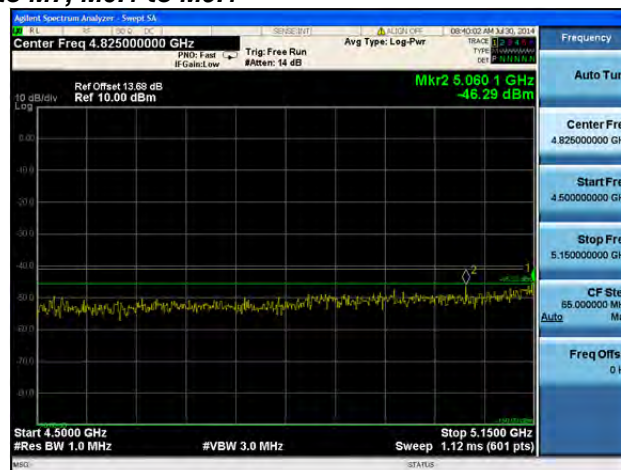
**Conducted Bandedge Peak, 5180 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C****Antenna D**

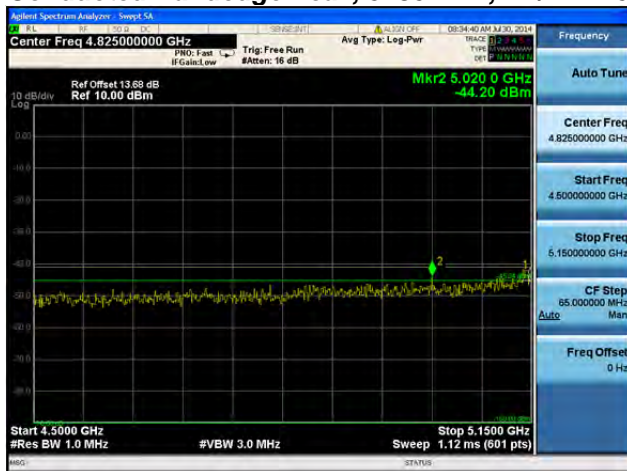
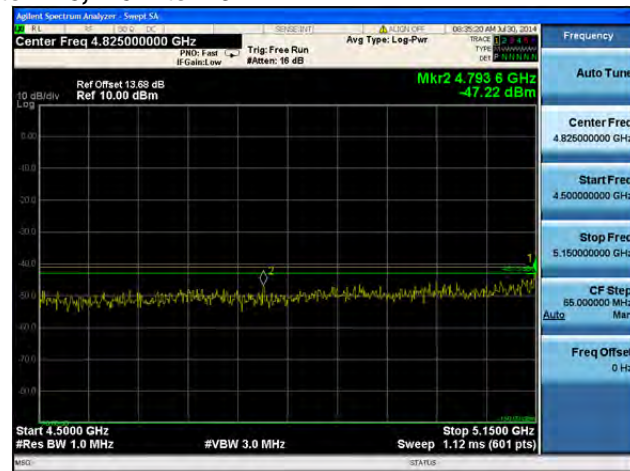
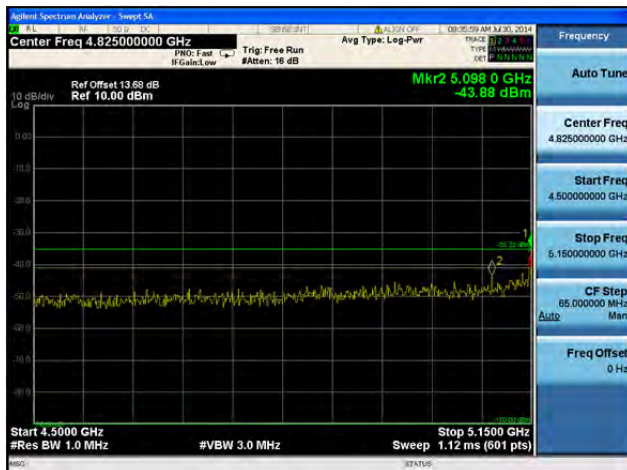
**Conducted Bandedge Peak, 5180 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1****Antenna A**

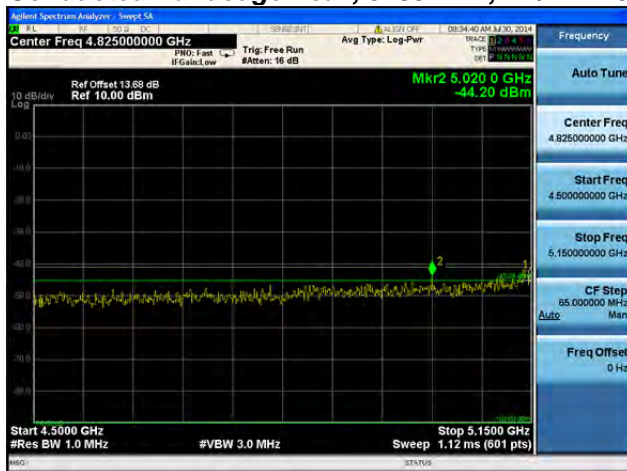
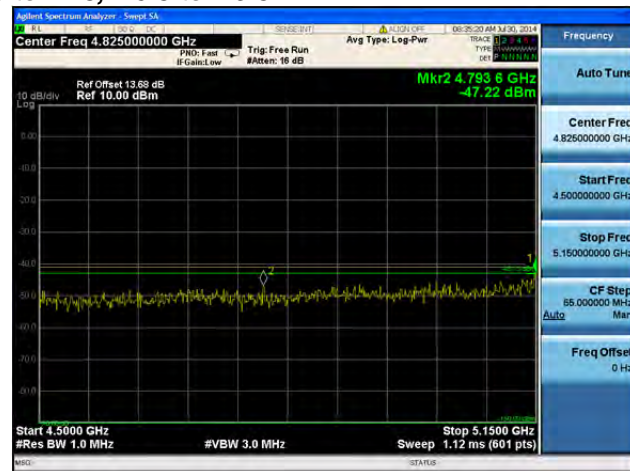
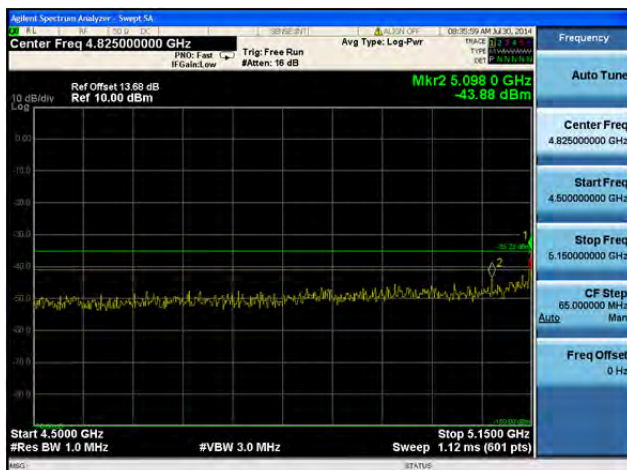
**Conducted Bandedge Peak, 5180 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B**

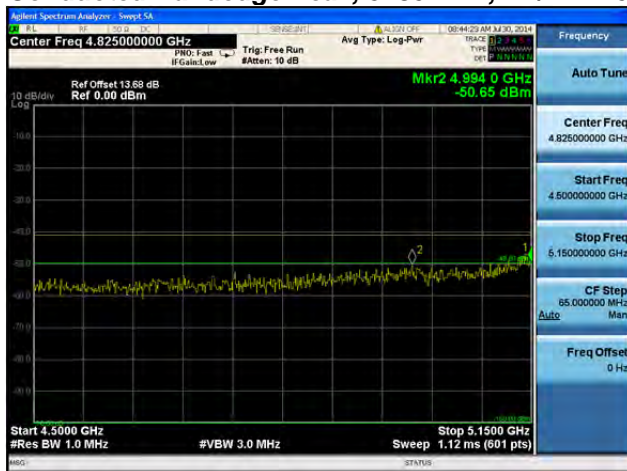
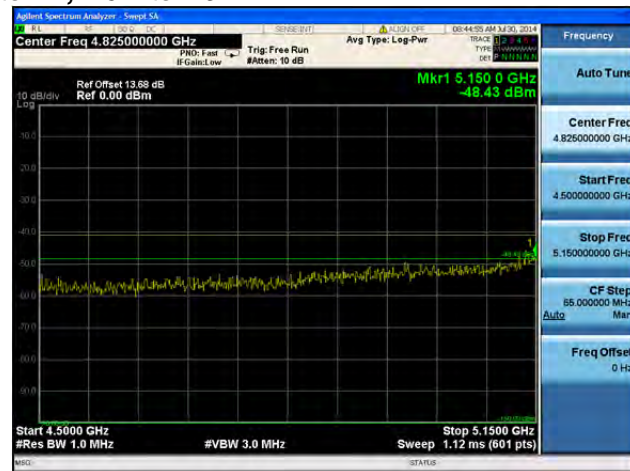
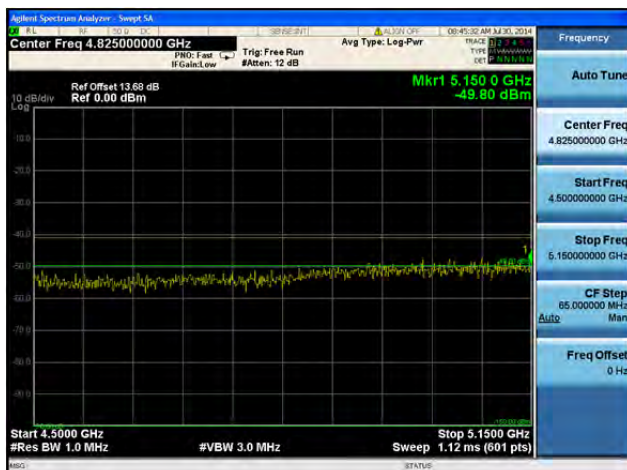
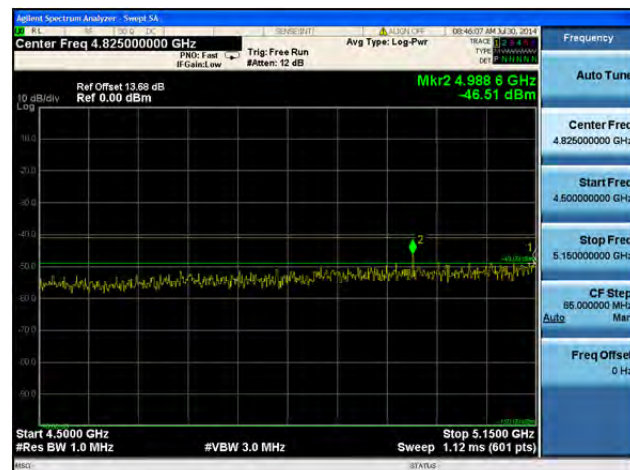
**Conducted Bandedge Peak, 5180 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B**



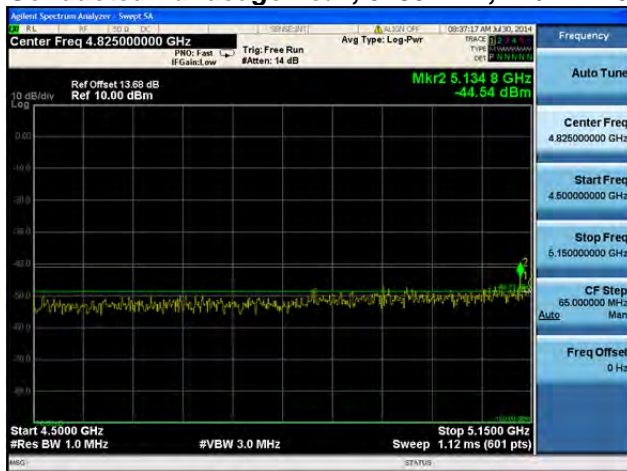
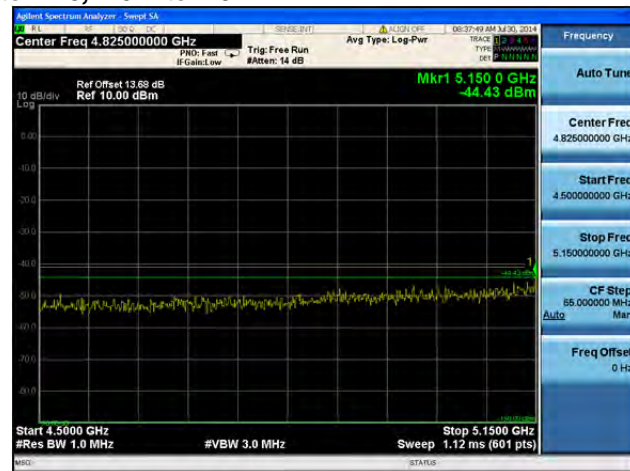
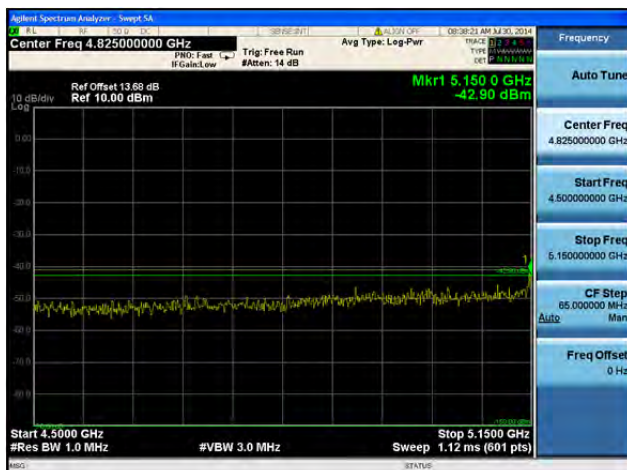
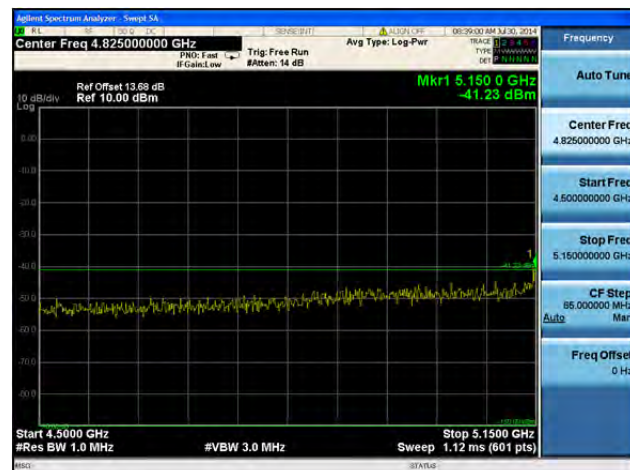
**Conducted Bandedge Peak, 5180 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C**

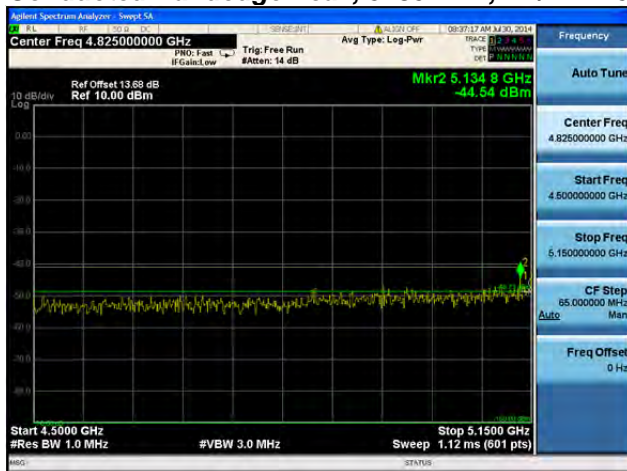
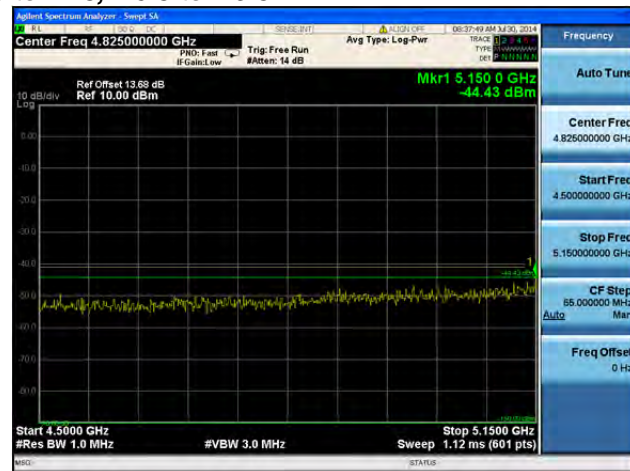
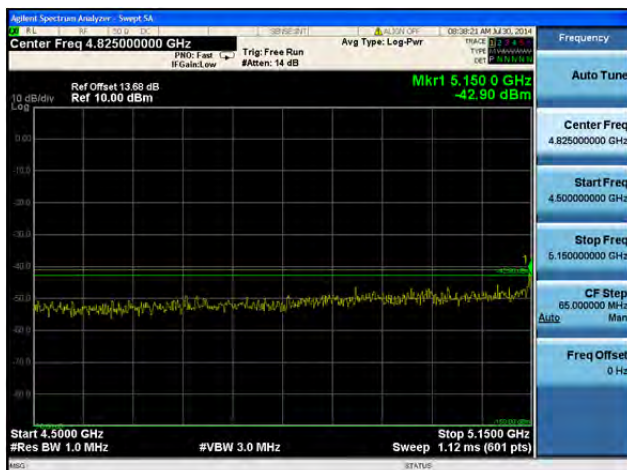
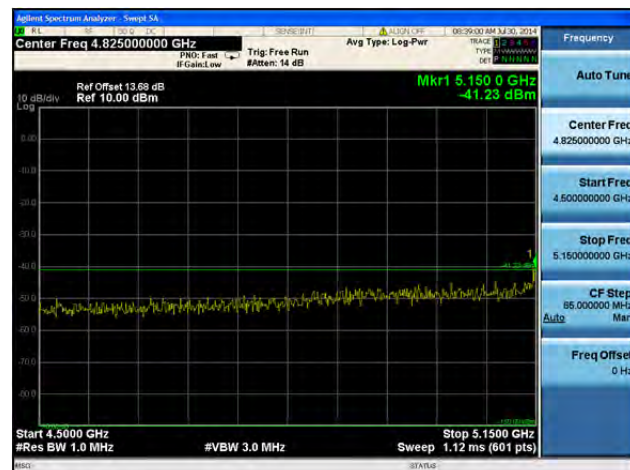
**Conducted Bandedge Peak, 5180 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C**

**Conducted Bandedge Peak, 5180 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C**

**Conducted Bandedge Peak, 5180 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1****Antenna A****Antenna B****Antenna C****Antenna D**



**Conducted Bandedge Peak, 5180 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2****Antenna A****Antenna B****Antenna C****Antenna D**

**Conducted Bandedge Peak, 5180 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3****Antenna A****Antenna B****Antenna C****Antenna D**