





Antenna C



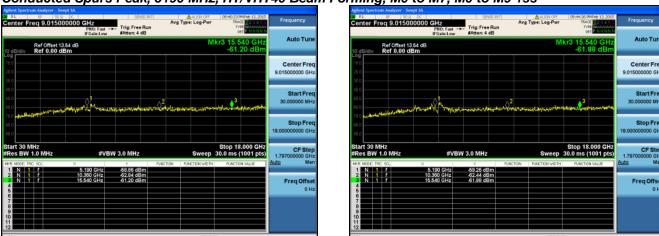
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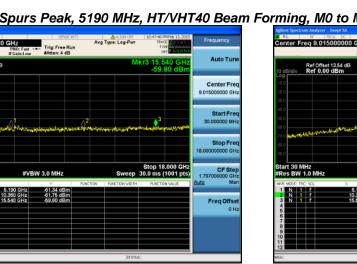
Conducted Spurs Peak, 5190 MHz, HT/VHT40 Beam Forming, M0 to M7, M0 to M9 1ss

Antenna A

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Conducted Spurs Peak, 5190 MHz, HT/VHT40 Beam Forming, M0 to M7, M0 to M9 1ss



t 30 MHz sBW 1.0 MH

Ref Offset 13.54 dB Ref 0.00 dBm

RL RF 502 D Center Freq 9.0150000	00 GHz PNO: Fast	Trig: Free Run	Avg	ALIGN OFF Type: Log-Pwr	10:56:10 PMFeb 13 TRACE 23 TYPE	456 Frequency
Ref Offset 13.54	IFGain:Low_	setten: 4 db		MI	(r3 15.540 G -60.60 dl	
20.0						Center Fre 9.015000000 GH
40.0 50.0 80.0	aurit hand	مادي والدينية. مادي والدينية (الدينية والدينية والدينية الم	Q ²	ىچەر يېۋىز مە ل ەرىپ	-d-yatopogoant	Start Fre 30,000000 MH
80.0						Stop Fre 18.00000000 GH
start 30 MHz Res BW 1.0 MHz KR MODE TRC SCL	X	¥ 3.0 MHz	FUNCTION	Sweep :	Stop 18.000 0 30.0 ms (1001 FUNCTION VALUE	
1 N 1 f 2 N 1 f 3 N 1 f 4 5 6 7	5,190 GHz 10,360 GHz 15,540 GHz	-59.94 dBm -62.54 dBm -60.60 dBm				Freq Offse 0 H
8 9 10 11						
						_

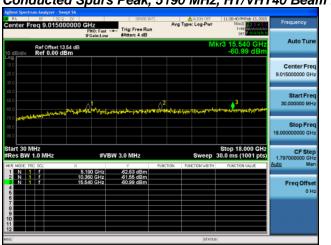
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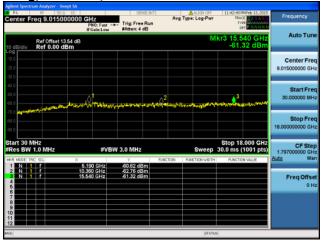


Conducted Spurs Peak, 5190 MHz, HT/VHT40 Beam Forming, M0 to M7, M0 to M9 1ss



RL Center Fr	eq 9.01500		SENSE:IM	Avg	ALIGN OFF	TRAC	MFeb 13, 2015	Frequency
0 dB/div	Ref Offset 13 Ref 0.00 di	1.54 dB	pristen. 4 db		М	kr2 10.3 -62.0	60 GHz 09 dBm	Auto Tun
- 0 9 10.0 20.0 30.0								Center Fre 9.015000000 GH
40.0 50.0 60.0	ر. مراجز والمراجع المراجع	our man	a glod a constant of the so	2 apple and	under har so they be	ahdan jaranga	a fil yn yr har bran	Start Fre 30.000000 Mi
70.0 - 19*** 80.0 90.0								Stop Fre 18.000000000 Gi
Res BW	1.0 MHz	#VE	W 3.0 MHz	FUNCTION	Sweep FUNCTION WIDTH	Stop 18 30.0 ms (CF Ste 1.797000000 G Auto M
1 N 1 2 N 1 3 N 1 4 5	1	5.190 GHz 10.360 GHz 15.540 GHz	-60.16 dBm -62.09 dBm -62.70 dBm					Freq Offs
6 7 8 9 10 11								
12					STATU	1		

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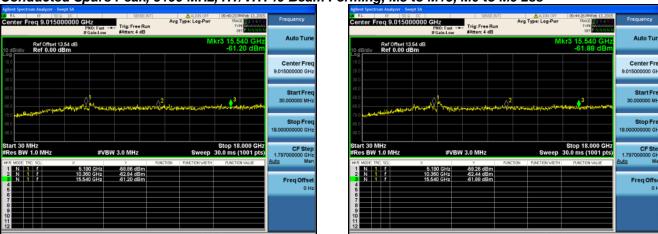
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Conducted Spurs Peak, 5190 MHz, HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss

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Conducted Spurs Peak, 5190 MHz, HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss





Antenna A

enter Freq 9.01500000	PNO: Fast 🕶	Trig: Free Run		ALIGN OFF Type: Log-Pur	10:05:16 PMFeb 13, 2015 TRACE 2 3 4 5 6 TriPE	Frequency
Ref Offset 13.54 dl	IFGain:Low	#Atten: 4 dB		MI	(r3 15.540 GHz -61.83 dBm	Auto Tur
•9 00 00						Center Fre 9.015000000 GH
0 0 0 0 0 0 0 0 0 0	-	4,4,4,++++++++++++++++++++++++++++++++	22	المعادية والمالية ا	3 Apturiant Cartanae Sparthy	Start Fre 30.000000 Mi
						Stop Fr 18.000000000 G
art 30 MHz Res BW 1.0 MHz		# 3.0 MHz			Stop 18.000 GHz 30.0 ms (1001 pts)	CF Ste 1.797000000 GI Auto M
3 N 1 <i>f</i> 4 5 5 7 8 8	5.190 GHz 10.380 GHz 16.640 GHz	60.25 dBm -62.38 dBm -61.83 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Freq Offs 01
1						

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Avg Type: Log-P

GHz

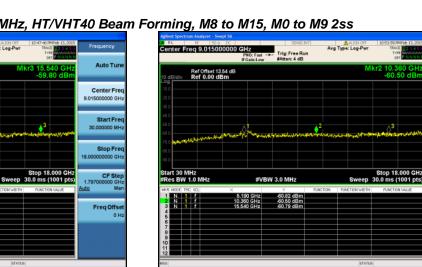
Ref Offset 13.54 dB Ref 0.00 dBm

Trig: Free Run

#VBW 3.0 MHz

-61.34 dBr -61.75 dBr -69.80 dBr

5.190 GHz 10.360 GHz 15.640 GHz



Conducted Spurs Peak, 5190 MHz, HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss



t 30 MHz s BW 1.0 MH

RL BF 50 R DC Center Freq 9.01500000	0 GHz PNO: Fast	Trig: Free Run #Atten: 4 dB	Avg	ALIGN OFF Type: Log-Pwr	10:56:10 PMFeb 13, 201 TRACE 2 3 4 5 TYPE 000000000000000000000000000000000000	Frequency
Ref Offset 13.54 d	в			M	kr3 15.540 GH; -60.60 dBm	
200						Center Fre 9.015000000 GH
10.0 50.0 10.0	with the second	فالمردفة الدوري الراقدي في المرومي	Q ²	مردر المردون ا	and-syle hoge registering	Start Fre 30,000000 MH
						Stop Fre 18.000000000 Gi
itart 30 MHz Res BW 1.0 MHz		V 3.0 MHz			Stop 18.000 GHz 30.0 ms (1001 pts	
KR HODE TRC SCL X	5.190 GHz 10.380 GHz 16.540 GHz	-59.94 dBm -62.54 dBm -60.60 dBm	FUNCTION	PUNCTION WIDTH	FOR UNIT WEDE	Freq Offs 0 F

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Center Fre

15000000 G

Start Fre

Stop Fre

CF S

Freq Offs

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18.00

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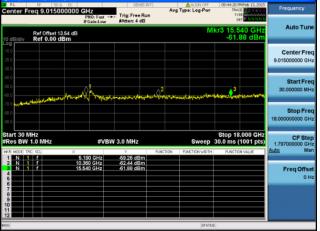
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Conducted Spurs Peak, 5190 MHz, HT/VHT40 Beam Forming, M16 to M23, M0 to M9 3ss





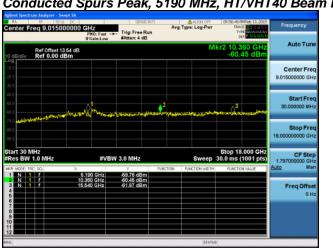
Antenna A

nter Freq 9.01500000	PNO: Fast	Trig: Free Run #Atten: 4 dB	Avg	ALIGN OFF Type: Log-Pwr	09:46:27 PMFeb 13, 2015 TRACE 2 3 4 5 6 TYPE DET P (111) 1	Frequency
Ref Offset 13.54 dB	Foamtow	111111 - 4 G		M	r2 10.360 GHz -61.44 dBm	Auto Tu
						Center Fr 9.015000000 G
0 0 0 0 0	A man	fyrst vir tisterer	2 	مى مەلەر ئەرەر ئە	eteredation	Start Fr 30,000000 M
						Stop Fr 18.000000000 G
art 30 MHz es BW 1.0 MHz	#VBV	V 3.0 MHz			Stop 18.000 GHz 30.0 ms (1001 pts)	CF St 1.797000000 G Auto M
N 1 F 1	5.190 GHz 0.360 GHz 5.540 GHz	¥ -59.90 dBm -61.44 dBm -62.91 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Freq Offs 0

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RL Center Fr	req 9.01500		Trig: Free Ru #Atten: 4 dB	Avg	ALISH OFF Type: Log-Pwr	TRACI	AFeb 13, 2015	Frequency
0 dB/div	Ref Offset 13. Ref 0.00 dB	54 dB Im			M	kr3 15.5 -61.8	40 GHz 3 dBm	Auto Tur
- 0 g 10.0 20.0 30.0								Center Fre 9.015000000 GH
10.0 50.0 10.0	المراجع			2 ²	استجزورور ليحوي	aprand and	wedpurter	Start Fr 30.000000 M
30.0								
itart 30 M Res BW	IHz 1.0 MHz	#VE	3W 3.0 MHz			Stop 18. 30.0 ms (1	1001 pts)	18.00000000 GI CF Sta 1.797000000 G
Start 30 M	IHz 1.0 MHz	X	Y	FUNCTION	Sweep FUNCTION WIDTH		1001 pts)	18.00000000 GF CF Ste 1.797000000 GF
200)	Hz 1.0 MHz c sc. f		3W 3.0 MHz -60.26 dBm -62.38 dBm -61.83 dBm	FUNCTION		30.0 ms (1	1001 pts)	Stop Fre 18.00000000 Gi CF Ste 1.79700000 Gi <u>Auto</u> M: Freq Offs 0 I
tart 30 M Res BW 1 N 1 2 N 1 3 N 1 4	Hz 1.0 MHz c sc. f	× 5.190 GHz 10.360 GHz	Y -60.26 dBm -62.38 dBm	FUNCTION		30.0 ms (1	1001 pts)	18.00000000 G CF Str 1.79700000 G <u>Auto</u> M Freq Offs

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Conducted Spurs Peak, 5190 MHz, VHT40 Beam Forming, M0 to M9 4ss





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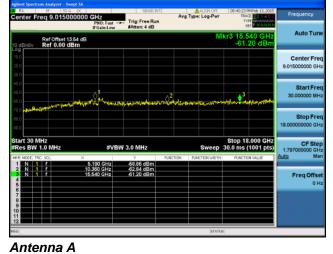


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Conducted Spurs Peak, 5190 MHz, HT/VHT40 STBC, Mo to M7



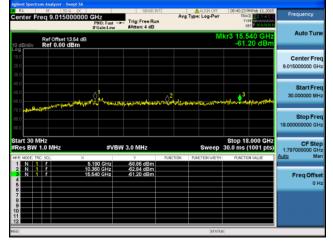


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Conducted Spurs Peak, 5190 MHz, HT/VHT40 STBC, M0 to M7



RL		50 g DC		SENSE			IGN OFF		PMFeb 13, 2015	
enter Fi	req 9.01		IZ NO: Fast → Gain:Low	Trig: Free F	un	lvg Type: L	og-Pur	T	VOE 23456 IPE WARDEN	Frequency
dB/div	Ref Offse Ref 0.00	t 13.54 dB	Gametow	Price in the			М		540 GHz .88 dBm	Auto Tun
										Center Fre 9.015000000 GH
0.0 0.0 0.0		ward for and	a martine	mananata		ormation	ميولليهم	etaijaa 2 ³	gnis	Start Free 30,000000 MH
										Stop Fre 18.000000000 GH
tart 30 M Res BW	/Hz 1.0 MHz		#VB\	N 3.0 MHz		s	weep	Stop 1 30.0 ms	8.000 GHz (1001 pts)	CF Ster 1.797000000 GH
KR MODE TR 1 N 1 2 N 1 3 N 1		10.36	0 GHz 0 GHz 0 GHz	Y -59,26 dBn -62,44 dBn -61,88 dBn		4 FUNCTI	ON WIDTH	RUNCTI	ON VALUE	<u>Auto</u> Mai Freq Offse
5 6 7 9 9										он
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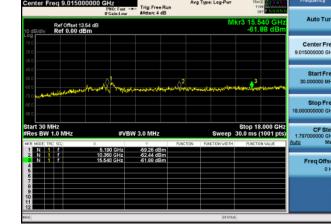
Center Fi		DOUDOOD GHZ PNO: F IFGain:	ast Trig: Free	Run	ALIGN OFF g Type: Log-Pur	09:48:27 PMFeb 13, 2015 TRACE 2 3 4 5 6 TIPE DET P N N N N	Frequency
10 dB/div	Ref Offset Ref 0.00	13.54 dB dBm			М	kr2 10.360 GHz -61.44 dBm	Auto Tune
-10.0							Center Fred 9.015000000 GH
40.0 -50.0 -60.0	canante	marken	h-sully grad an orally served	2 The later of the second second	1454004 ⁴ 4440448	etered a putter to attend	Start Free 30.000000 MH
70.0 80.0 90.0							Stop Fre 18.000000000 GH
Start 30 M Res BW			#VBW 3.0 MHz		Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	
IN 1	RC SCL	× 5.190 Gi			FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
4	1	10.360 GH 15.540 GH		m. m.			Freq Offse 0 H
6							
6 7 8 9 0							

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Conducted Spurs Peak, 5190 MHz, HT/VHT40 STBC, M0 to M7



Avg Type: Log-Pa

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RL 15 50 2 Center Freq 9.015000		Trig: Free Run		ALIGN OFF	TRAC	MFeb 13, 2015	Frequency
Ref Offset 13.5 10 dB/div Ref 0.00 dBr	4 dB	MALLEN. 4 GD		М		60 GHz 44 dBm	Auto Tun
-10.0 -20.0 -30.0							Center Fre 9.015000000 GH
-40.0 -50.0 -60.0 -70.0	markenne	Julia and a strategy of the	2 martynur www.	م م	stansanta	nelling handline	Start Fre 30.000000 MH
-70.0 -80.0 							
Start 30 MHz #Res BW 1.0 MHz	#VB\	¥ 3.0 MHz			30.0 ms (.000 GHz 1001 pts)	Stop Fre 18.00000000 GF CF Ste 1.797000000 GF Auto Mi
80.0 90.0 Start 30 MHz		V 3.0 MHz 59 90 dBm 61 44 dBm 62.91 dBm	FUNCTION FUR	Sweep :		1001 pts)	18.00000000 GI CF Sta 1.797000000 G

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Antenna D

er Freq 9.0150

00 GHz

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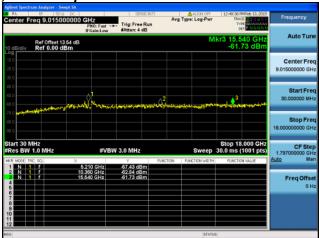


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RL RF	50 R DC		SENSE:1		ALIGN OFF	01:05:18 PMFeb 13,20 TRACE	Frequency
enter Fred 9.01	P	NO: Fast H Gain:Low	Trig: Free Ru #Atten: 4 dB	n	, ibe roll a	DET P NNN	
Ref Offs 0 dB/div Ref 0.0	et 13.54 dB 0 dBm				М	kr2 10.360 GH -60.24 dBi	Z Auto Tune
							Center Fred 9.015000000 GHz
40.0 50.0 50.0 70.0	Maria Maria	1 Horano	ywl)tystateriae ara	2 hyrriteryagu	الماسل المالي المراجع	and a stand and	Start Free 30.000000 MH
70.0 							Stop Fred
							18.00000000 GH
itart 30 MHz Res BW 1.0 MHz		#VB\	W 3.0 MHz		Sweep	Stop 18.000 GH 30.0 ms (1001 pt	s) 1.797000000 GH:
itart 30 MHz Res BW 1.0 MHz Ref HODE TRC SCL 1 N 1 f 2 N 1 f 3 N 1 f 4 6	10.36	#VBV 0 GHz 0 GHz 0 GHz	W 3.0 MHz -59.87 dBm -60.24 dBm -63.29 dBm	FUNCTION	Sweep RINCTION WIDTH		2 CF Step 5) 1.79700000 GH Auto Mar Freq Offse
tart 30 MHz Res BW 1.0 MHz KR MODE TRC SCL 1 N 1 F 2 N 1 F 3 N 1 F	5.21 10.36	0 GHz 0 GHz	Y -59.87 dBm -60.24 dBm	FUNCTION		30.0 ms (1001 pt	CF Step 5) 1.797000000 GH:

Antenna A

Center Fi	um Analyzer - Swe ⊮ SO ⊇ req 9.01500	0000 GHz PN0: Fast	Trig: Free Ru	Avg	ALIGN OFF Type: Log-Pwr	01:09:34 PMFeb 13, 2019 TRACE 23:45 TYPE	Frequency
10 dB/div	Ref Offset 13. Ref 0.00 dE		#Atten: 4 dB		М	kr2 10.360 GHz -61.19 dBm	
-10.0 -20.0 -30.0							Center Fre 9.015000000 GH
-40.0 -50.0 -60.0	upgin det (1984)	man Smann	and the second second	2 sunteropular		and produced and provided	Start Fre 30,000000 M
70.0 (******* 80.0 90.0							Stop Fre 18.000000000 Gi
Start 30 N #Res BW	1.0 MHz	#VE	W 3.0 MHz			Stop 18.000 GHz 30.0 ms (1001 pts	1.797000000 G
MKR MODE TR	RC SOL	× 5.210 GHz	ہ -60.26 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto M
N 1 N N 3 4 5 6		10.360 GHz 15.540 GHz	-61.19 dBm -62.67 dBm				Freq Offs 01
7 8 9							

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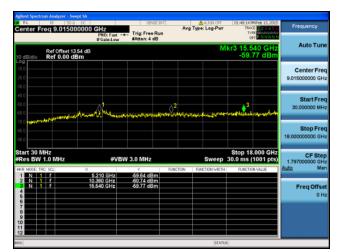


Antenna C



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Antenna D

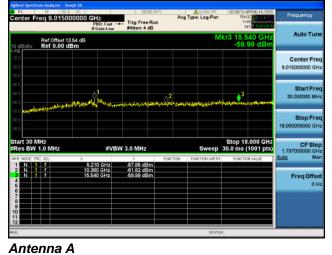
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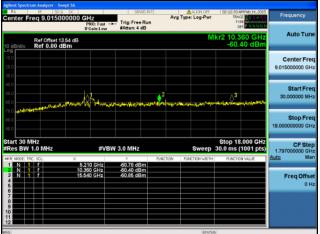




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RL R Center Freq	9.015000000	PNO: Fast -	SENSE:1	Avg	ALIGN OFF Type: Log-Pwr	TRA	MFeb 14, 2015	Frequency
0 dB/div Re	f Offset 13.54 dB f 0.00 dBm	IFGain:Low	#Atten: 4 dB		М	kr2 10.3	60 GHz 93 dBm	Auto Tun
20.0 30.0								Center Fre 9.015000000 GH
40.0 50.0 60.0	enterne marte	18 Mana	ophine she fort	2 A.R.J. Web-loren	4111194 76 14 14 19 19 19 19 19 19 19 19 19 19 19 19 19	mage the last	aleratornalitat	Start Fre 30.000000 M⊢
TO O LANGE AND A PARTY								
80.0								
Start 30 MHz Res BW 1.0	MHz		W 3.0 MHz	DIMCTION		30.0 ms (.000 GHz 1001 pts)	Stop Fre 18.00000000 GH CF Stej 1.797000000 GH Auto Ma
80 0 Start 30 MHz Res BW 1.0 KR MODE TRC SC 1 N 1 f 3 N 1 f 4 6	MHz U X		V 3.0 MHz -60.85 dBm -60.93 dBm -61.32 dBm	FUNCTION	Sweep FUNCTION W/DTH	30.0 ms (18.00000000 GH CF Ste 1.797000000 GH
0 0 tart 30 MHz Res BW 1.0 KR MODE TRC SC 1 N 1 f 3 N 1 f 6	MHz U X	#VB\	Y -60.85 dBm -60.93 dBm	FUNCTION		30.0 ms ((1001 pts)	18.00000000 GF CF Ste 1.797000000 GF Auto Ma Freq Offse

Antenna C

PNO: Fast IFGain:Low	. Trig: Free Rur #Atten: 4 dB		MI	(r2 10.360 GHz -59.80 dBm	Auto Tuni
			M		Auto Tuni
				-00,00 UBIII	
					Center Fre 9.015000000 GH
A marine	yay Alexandra		ergeryngeerig ^a drae	Reading and the second second	Start Free 30,000000 MH
					Stop Fre 18.00000000 GH
#VBW	3.0 MHz		Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	CF Ste 1.797000000 GH
	√ -59.50 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma
360 GHz 640 GHz	-59.80 dBm -62.33 dBm				Freq Offse 0 H
		#VBW 3.0 MHz	#VBW 3.0 MHz 210 GHz 59 50 6Bm 200 GHz 59 80 6Bm	#VBW 3.0 MHz Sweep 3 210 GHz 5950 08m MCTION RACTORVIDTH 210 GHz 5950 08m MCTION RACTORVIDTH 230 GHz 5950 08m	#VEW 3.0 MHz Stop 18.000 GHz #VEW 3.0 MHz Sweep 30.0 ms (1001 pts) 210 GHz

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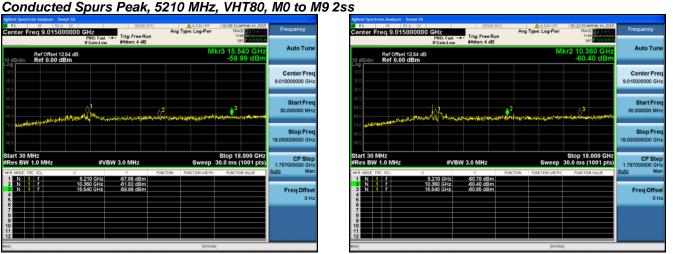


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Avg Type: Log-Pa ency GHz Trig: Free Run Auto Tun Ref Offset 13.54 dB Ref 0.00 dBm Center Fre 9.015000000 GH Start Fre ³ Stop Fre 18.00 Stop 18.000 GHz Sweep 30.0 ms (1001 pts) CF Ste t 30 MHz s BW 1.0 MH #VBW 3.0 MHz 1.7970 5.210 GHz 10.360 GHz 15.640 GHz -57.85 dB -61.82 dB -59.99 dB Freq Offs 01



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Avg Type: Log-P eq 9.015 0 GHz Trig: Free Run Auto Tur Ref Offset 13.54 dB Ref 0.00 dBm Center Fre Start Fre Stop Fre 18.00 Stop 18.000 GHz Sweep 30.0 ms (1001 pts) t 30 MHz s BW 1.0 MH CF S #VBW 3.0 MH 1.79700 5.210 GHz 10.360 GHz 15.640 GHz -59.50 dB -59.80 dB -62.33 dB Freq Offs 01

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enter Pre	eq 9.015000000	GHz PNO: Fast	Trig: Free Run #Atten: 4 dB	Avg	ALIGN OFF Type: Log-Pwr	TRA		Frequency
I0 dB/div	Ref Offset 13.54 dB Ref 0.00 dBm				M		60 GHz 93 dBm	Auto Tun
20.0 30.0								Center Fre 9.015000000 GH
40.0 50.0 50.0		Alterna	gelter and test	2 Support	and the state of the	maget Salas	يلطنون رياجتما	Start Fre 30,000000 MH
70.0 - 110-12 80.0								Stop Fre 18.000000000 GH
tart 30 MH Res BW 1.	.0 MHz	#VB	W 3.0 MHz			30.0 ms (.000 GHz 1001 pts)	CF Ste 1.797000000 GH Auto Ma
		5.210 GHz	-60,85 dBm	FUNCTION	FUNCTION WIDTH	FUNCTIO	N VALUE	<u>Auto</u> Ma
I N 1								
1 N 1 2 N 1 3 N 1 4 5	f 1	0.360 GHz 5.540 GHz	-60.93 dBm -61.32 dBm					Freq Offse 0 H
1 N 1 2 N 1 3 N 1 4	f 1		400.93 dBm -61.32 dBm					

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Avg Type: Log-P eq 9.015 0 GHz Trig: Free Run Auto Tur Ref Offset 13.54 dB Ref 0.00 dBm Center Fre Start Fre Stop Fre 18.00 Stop 18.000 GHz Sweep 30.0 ms (1001 pts) t 30 MHz s BW 1.0 MH CF S #VBW 3.0 MH 1.79700 5.210 GHz 10.360 GHz 15.640 GHz -59.50 dB -59.80 dB -62.33 dB Freq Offs 01

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RL Center Fr	req 9.0150			SENSE: Trig: Free Ru Mitten: 4 dB		Avg Type	ALIGN OFF	TRA	AM Feb 14, 2015 OE 2 3 4 5 6 PE 000000000000000000000000000000000000	Frequency
0 dB/div	Ref Offset 1 Ref 0.00 d						M	kr2 10.3 -60.	360 GHz 93 dBm	Auto Tun
- 0 g 10.0 20.0 30.0										Center Fre 9.015000000 GH
10 0 50 0 50 0	wanterinkowide	mark	Uncherror		2	lation - M	er a aktive	and the state	بعطار ، ريدو يدار	Start Fre 30.000000 MH
0.0										
:0 0 :0 0 :tart 30 N	ЛНZ		#VBW 3.				Sweep		3.000 GHz (1001 pts)	18.00000000 GH CF Ste 1.797000000 GH
80.0 10.0 Start 30 M Res BW	MHZ 1.0 MHZ RC SOL	× 5.210 0	#VBW 3	.0 MHz 9 60.85 dBm	FUNCTI	DN FUN	Sweep Streep	30.0 ms		18.00000000 GH CF Ste 1.797000000 GH
80.0 80.0 Start 30 M FRes BW 46R MODE TF	/IHZ 1.0 MHZ RC SCL F	×	#VBW 3	.0 MHz	FUNCTU	DN FUN		30.0 ms	(1001 pts)	Stop Fre 18.00000000 GH 1.79700000 GH Auto Ma Freq Offse 0 H
tart 30 M Res BW Res DW Res N 1 2 N 1 3 N 1 4	/IHZ 1.0 MHZ RC SCL F	× 5.210.0 10.360.0	#VBW 3	.0 MHz Y 60.85 dBm 60.93 dBm	FUNCTI	ON FUN		30.0 ms	(1001 pts)	18.00000000 GF CF Ste 1.797000000 GF Auto Ma

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Conducted Spurs Peak, 5210 MHz, VHT80 Beam Forming, M0 to M9 1ss





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Conducted Spurs Peak, 5210 MHz, VHT80 Beam Forming, M0 to M9 1ss



PNO: Fast -+	SENSE:INT		ALIGN OFF Type: Log-Pwr	03:20:10 AM Feb 14, 2019 TRACE 2 3 4 5 TYPE	Frequency
IFGain:Low	#Atten: 4 dB		М		
					Center Freq 9.015000000 GHz
Mun	un al trai a M.S. mad pille	2 Aleman and the	warge week the state	and a state of the	Start Free 30.000000 MH:
					Stop Fred 18.000000000 GH
#VBW	3.0 MHz	FUNCTION	Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	
0.360 GHz	-62.04 dBm -61.34 dBm -61.36 dBm				Freq Offsel 0 Hz
	IFGain:Low	GHz Trig: Free Run JPIO: Fau JPIO: Fau Trig: Free Run JAtton: 4 dB #VBW 3.0 MHz #VBW 3.0 MHz \$210 GHz #2.04 dBm \$250 GHz #2.04 dBm	GHz Trig: Free Run #Atten: 4 dB Avg If Gaintow Trig: Free Run #Atten: 4 dB Avg #UD: Part #UD: Part Part #UD: Part #UD: Part Part	GHz Arg Type: Log-Per IT/g Free Run Mater: 4 dB Trig: Free Run Mater: 4 dB M #VBW 3.0 MHz Sweep #VBW 3.0 MHz Sweep 5210 GHz 620 dfm Function 380 GHz 620 dfm Function	GHz IPG. Fast Trig: Free Run Actin: 4 dD Avg Type: Log-Pur Type: Log-Pur etcl Tric: Pre- type: Log-Pur etcl Tric: Pre- typ

Antenna A

glient Spectrum Analyzer - Swo RL 85 50 2 Center Freq 9.01500	DC	SBNSEIN Trig: Free Run #Atten: 4 dB	Avg	ALIGN OFF Type: Log-Pwr	03:24:25 AM Reb 14, 20 TRACE 2 3 4 TYPE DET P 1111	Frequency
Ref Offset 13 0 dB/div Ref 0.00 dB	54 dB	Prisen 4 dia		MI	kr2 10.360 GH -60.65 dBr	
20 0						Center Free 9.015000000 GH
40.0 50.0 80.0 70.0	Arren and an and	ىرىمەلىيەلىيەتىر مەرىمەلىيەلىرىدۇنىلىر	2 Produkter	warmanapathemie	angentation what are	Start Free 30,000000 MH
80.0						Stop Fre 18.000000000 GH
Start 30 MHz Res BW 1.0 MHz		N 3.0 MHz	FUNCTION	Sweep	Stop 18.000 GH 30.0 ms (1001 pts	
1 N 1 f 2 N 1 f 3 N 1 f 4 S 5 S 8 9 9 0	× 5.210 GHz 10.380 GHz 16.540 GHz	-59.06 dBm -60.65 dBm -61.19 dBm			PORCHOW WEDE	Freq Offse 0 H

Antenna C

Antenna B

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Conducted Spurs Peak, 5210 MHz, VHT80 Beam Forming, M0 to M9 1ss



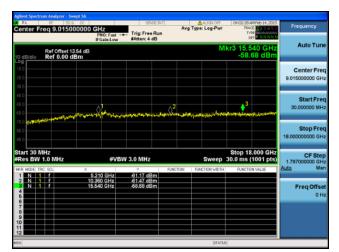
Center Fre	RF 50 R 9.015000		SB-SE:0	Avs	ALIGN OFF	TRAC	MFeb 14, 2015 E 2 3 4 5 6 E 0	Frequency
10 dB/div	Ref Offset 13.5 Ref 0.00 dB	54 dB	Pristen, 4 62		М	kr3 15.5 -61.:	40 GHz 22 dBm	Auto Tur
-10.0 -20.0 -30.0								Center Fre 9.015000000 GH
-40.0		1000-01-10-10-00-00-00-00-00-00-00-00-00	monortentente	2 2 2 2 2	ومعادلة المراجعة	an intervention	~{~ ~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Start Fre 30,000000 Mi
-70.0								Stop Fre 18.000000000 Gi
Start 30 MH Res BW 1	.0 MHz	#VE	3W 3.0 MHz	FUNCTION	Sweep	Stop 18 30.0 ms (CF Ste 1.797000000 GI Auto M
1 N 1 2 N 1 3 N 1	f f	5,210 GHz 10,360 GHz 16,640 GHz	-62.45 dBm -62.11 dBm -61.22 dBm	PORCHON	PORCHORWOTH	PONCIO	IN WEDE	Freq Offs
5								

Antenna C



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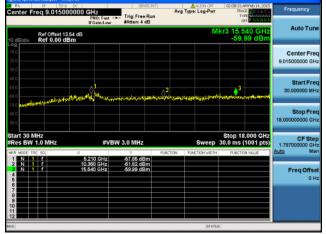
Antenna D

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Conducted Spurs Peak, 5210 MHz, VHT80 Beam Forming, M0 to M9 2ss





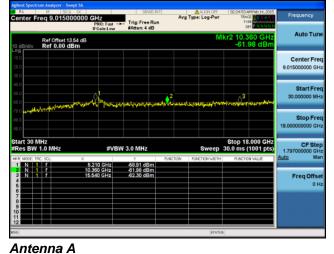
Antenna A

Antenna B

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Conducted Spurs Peak, 5210 MHz, VHT80 Beam Forming, M0 to M9 2ss



enter Freq 9.015000	PNO: Fast -+	Trig: Free Run	Avg Type: Log-Pwr	02:29:08 AM Feb 14, 2015 TRACE 2 3 4 5 6 TYPE	Frequency
Ref Offset 13.54 D dB/div Ref 0.00 dBr	IFGain:Low 4 dB	#Atten: 4 dB	М	kr2 10.360 GHz -59.80 dBm	Auto Tune
00 00 00 00					Center Freq 9.015000000 GHz
0.0 0.0 0.0 0.0	South the South of	and the second second second	2 Istallangsirpaganitata	-Autoral (20,744,7,344)	Start Free 30.000000 MH:
0.0					Stop Free 18.00000000 GHz
tart 30 MHz Res BW 1.0 MHz		/ 3.0 MHz		Stop 18.000 GHz 30.0 ms (1001 pts)	CF Step 1.797000000 GH:
	#VBW 5,210 GHz 10,360 GHz 15,540 GHz		Sweep NCTION FUNCTION WIDTH		

enter Freq 9.01	5000000 GHz PNO: Fe		Avg	ALIGN OFF Type: Log-Pwr	02:33:21AMFeb14, 2015 TRACE 2 3 4 5 6 TVPE	Frequency
dB/div Ref 0.0	et 13.54 dB	W Millen, 4 db		Μ	kr2 10.360 GHz -60.93 dBm	Auto Tun
00						Center Fre 9.015000000 GP
00 00 00 00	warmer and	nuite ingent time inder the out	ana, water	41.00473.44.444	an and a star of the star of the star	Start Fre 30.000000 Mi
						Stop Fre 18.000000000 Gi
tart 30 MHz Res BW 1.0 MHz KR MODE TRC SCL	*	VBW 3.0 MHz	FUNCTION	Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	CF Ste 1.797000000 GF Auto Ma
1 N 1 f 2 N 1 f 3 N 1 f 4 6	5,210 GH 10,360 GH 15,540 GH	z 60.93 dBm				Freq Offs 01
9 0						
2				STATUS		

Antenna C

Antenna B

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Conducted Spurs Peak, 5210 MHz, VHT80 Beam Forming, M0 to M9 2ss



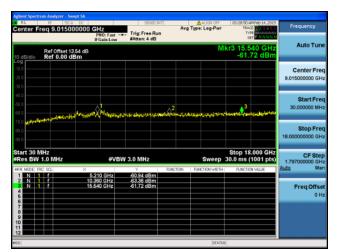


Antenna C



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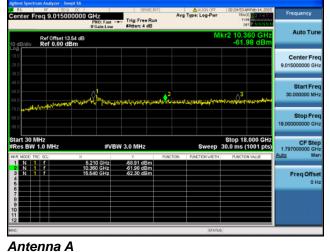


Antenna D

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Conducted Spurs Peak, 5210 MHz, VHT80 Beam Forming, M0 to M9 3ss



enter Freq 9.015000	PNO: Fast -+	Trig: Free Run	Avg Type: Log-Pwr	02:29:08 AM Feb 14, 2015 TRACE 2 3 4 5 6 TYPE	Frequency
Ref Offset 13.54 D dB/div Ref 0.00 dBr	IFGain:Low 4 dB	#Atten: 4 dB	М	kr2 10.360 GHz -59.80 dBm	Auto Tune
00 00 00 00					Center Freq 9.015000000 GHz
0.0 0.0 0.0 0.0	South the South of	and the second second second	2 Istallangsirphysicilater	-Autoral (20,744,7,344)	Start Free 30.000000 MH:
0.0					Stop Free 18.00000000 GHz
tart 30 MHz Res BW 1.0 MHz		/ 3.0 MHz		Stop 18.000 GHz 30.0 ms (1001 pts)	CF Step 1.797000000 GH:
	#VBW 5,210 GHz 10,360 GHz 15,540 GHz		Sweep NCTION FUNCTION WIDTH		

nter Freq 9.015000000	GHz PNO: Fast IFGain:Low	Trig: Free Run #Atten: 4 dB		ALIGN OFF pe: Log-Pwr	TRA	M Feb 14, 2015 26 1 2 3 4 5 6 27 P N N N N N	Frequency
Ref Offset 13.54 dB				MI		60 GHz 93 dBm	Auto Tun
10 10 10							Center Fre 9.015000000 GH
0.0 0.0 0.0 0.0 0.0 0.0	Roman	anter contraction	2 Magentonionaria	an a	mage the states	يلطنو مريابة تعال	Start Fre 30,000000 MH
0.0		/ 3.0 MHz		Sweep 3		.000 GHz 1001 pts)	18.00000000 GH CF Ste 1.797000000 GH
10 10 Rart 30 MHz Res BW 1.0 MHz IR MODEL TRCI SCLL X	#VBW	Y -60.85 dBm	FUNCTION R	Sweep 3		1001 pts)	Stop Fre 18.00000000 GH CF Ste 1.797000000 GH Auto Ma
art 30 MHz Res BW 1.0 MHz Res BW 1.0 MHz R MODE TRCI SCL X 1 N 1 f 50	#VBW	Y	FUNCTION R		30.0 ms (1001 pts)	18.00000000 GH CF Ste 1.797000000 GH
art 30 MHz Res BW 1.0 MHz IR W06 176, SCL X I N 1 7 5 2 N 1 7 10 3 N 1 7 15	#VBW	Y -60.85 dBm -60.93 dBm	FUNCTION R		30.0 ms (1001 pts)	18.00000000 GF CF Ste 1.797000000 GF Auto Ma Freq Offse

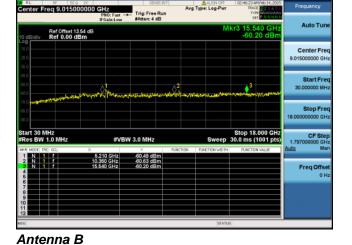
Antenna C

Antenna B

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Conducted Spurs Peak, 5210 MHz, VHT80 Beam Forming, M0 to M9 3ss



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Center Freq 9.0150		Trig: Free Run		ALIGN OFF	TRA	M Feb 14, 2015 E 2 3 4 5 6 PE 44 ET P N N N N	Frequency
Ref Offset 1 0 dB/div Ref 0.00 d	3.54 dB	Privati 4 dis		M		60 GHz 64 dBm	Auto Tun
-og 10.0 20.0 30.0							Center Fre 9.015000000 GH
40.0		a prostation of the second	2 Population	No.	And an	+++++++++++++++++++++++++++++++++++++++	Start Fre 30.000000 MH
	No. and and A.M Colored						
60.0 70.0							
80.0 Start 30 MHz Res BW 1.0 MHz	#VB	W 3.0 MHz			30.0 ms (.000 GHz 1001 pts)	18.00000000 GF CF Ste 1.797000000 GF
80.0	#VB × 5,210 GHz	W 3.0 MHz		Sweep	30.0 ms (Stop Fre 18.00000000 GH CF Ste 1.797000000 GH Auto Ma
800 0 Start 30 MHz FRes 800 1.0 MHz FRes 800 1.0 MHz 1.0 MHz 1 1 3 1 4 1 5 1	#VB	W 3.0 MHz			30.0 ms (1001 pts)	18.00000000 GF CF Ste 1.797000000 GF
Start 30 MHz Res BW 1.0 MHz Res III 0 MHz Res III 0 MHz R N 1 7 N 1 7 N 1 7 A	#VB × 5.210 GHz 10.360 GHz	W 3.0 MHz Y -60.61 dBm -60.64 dBm			30.0 ms (1001 pts)	18.00000000 Gi CF Ste 1.797000000 Gi <u>Auto</u> M Freq Offs

Antenna C



Antenna D

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Conducted Spurs Peak, 5210 MHz, VHT80 Beam Forming, M0 to M9 4ss



Stop 18.000 GH Sweep 30.0 ms (1001 pts

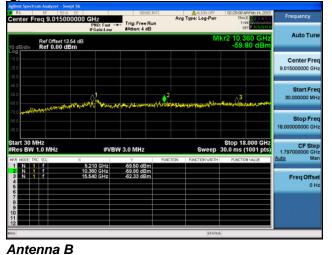
Avg Type: Log-P

Trig: Free Run

#VBW 3.0 MHz

-60.85 dB -60.93 dB -61.32 dB

5,210 GHz 10,360 GHz 15,640 GHz



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Auto Tur

Center Fre

Start Fre

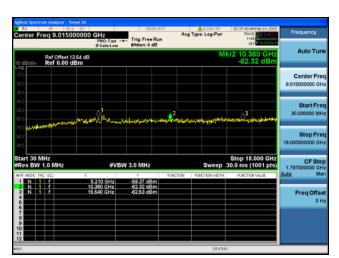
Stop Fre

CF St

Freq Offse

1.797

9.015000000 GI



Antenna C

30 MHz BW 1.0 MH

Antenna A

r Freq 9.015000000 GHz

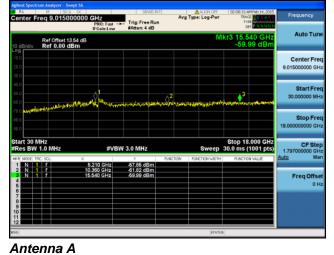
Ref Offset 13.54 dB Ref 0.00 dBm

Antenna D

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Conducted Spurs Peak, 5210 MHz, VHT80 STBC, M0 to M9 2ss





Antenna B

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cisco

Conducted Spurs Peak, 5210 MHz, VHT80 STBC, M0 to M9 2ss



RL		R DC		SENS	EINT		ALIGN OFF		AM Feb 14, 2015	Frequency
enter F	req 9.0150		Z NO: Fast	Trig: Free	Run	Avg Typ	e: Log-Pur	T	NOE 123456	Prequency
		IFI	Gain:Low	#Atten: 4 d					DET PINNNNN	
0 dB/div	Ref Offset 1 Ref 0.00 d						M		360 GHz .80 dBm	Auto Tun
0.0										Center Fre
0.0 0.0										9.015000000 GH
0.0										Start Fre
0.0 x1.0		0	1		2					30.000000 MH
	والمجاد والمراجع والمحاط والمحاط والمحاط	ALC MARKEN	a money	a the state of the second	AND A PARA	er frankrijes	Milling and			
0.0										Stop Fre
0.0										18.00000000 GH
tart 30 M	MHz 1.0 MHz		#VB	W 3.0 MHz			Sweep	Stop 1 30.0 ms	8.000 GHz (1001 pts)	CE Sta
tart 30 M Res BW	1.0 MHz	×		Y	FUNC	TION FU	Sweep NCTION WIDTH	30.0 ms	8.000 GHz (1001 pts)	CF Ste
tart 30 M Res BW	1.0 MHz	5.21	0 GHz	Y -59.50 dBi	n	TION PU		30.0 ms	(1001 pts)	CF Ste 1.797000000 GH
tart 30 M Res BW KR MODE TR 1 N 1 2 N 1	1.0 MHz RC SOL	5.21 10.36		Y	n	TION FU		30.0 ms	(1001 pts)	CF Ste 1.797000000 GH
tart 30 M Res BW KR MODE TR 1 N 2 N 3 N 4 5 6 7	1.0 MHz RC SOL F	5.21 10.36	0 GHz 0 GHz	Y -59.50 dBi -59.80 dBi	n	TION FU		30.0 ms	(1001 pts)	CF Ste 1.797000000 GH <u>Auto</u> Ma Freq Offse
KR MODE TR 1 N 2 N 3 N 4 5	1.0 MHz RC SOL F	5.21 10.36	0 GHz 0 GHz	Y -59.50 dBi -59.80 dBi	n	TION FU		30.0 ms	(1001 pts)	CF Ste 1.797000000 GH <u>Auto</u> Ma Freq Offse
tart 30 M Res BW 1 N 1 2 N 1 3 N 1 5 5 6 7 8 9 9	1.0 MHz RC SOL F	5.21 10.36	0 GHz 0 GHz	Y -59.50 dBi -59.80 dBi	n	TION FU		30.0 ms	(1001 pts)	CF Ste 1.797000000 GH <u>Auto</u> Ma Freq Offse
tart 30 M Res BW KR MODE TR 1 N 1 2 N 1 3 N 1 4 5 6 6 7 8 9	1.0 MHz RC SOL F	5.21 10.36	0 GHz 0 GHz	Y -59.50 dBi -59.80 dBi	n	TION FU		30.0 ms	(1001 pts)	CF Ste 1.797000000 GH <u>Auto</u> Ma Freq Offse

Antenna A

enter Freq 9.0150000		Trig: Free Run	Avg	ALIGN OFF Type: Log-Pwr	02:33:21 AM Feb 14, 2015 TRACE 2 2 3 4 5 5 TYPE DET P	Frequency
Ref Offset 13.54 (D dBJdiv Ref 0.00 dBm		Privalit, 4 dig		MI	kr2 10.360 GHz -60.93 dBm	
69 000 000						Center Fre 9.015000000 Gi
0.0 0.0 0.0 0.0 0.0 0.0 0.0	and Manau	nanterio constante de la constante de	2 Anto-tores	lern they alonghetmer	mentedesteratoriati	Start Fre 30,000000 MH
						Stop Fro 18.00000000 G
tart 30 MHz Res BW 1.0 MHz KR MODE TRC SCL	#VBV	¥ 3.0 MHz	FUNCTION	Sweep -	Stop 18.000 GHz 30.0 ms (1001 pts)	CF Sto 1.797000000 G Auto M
	5.210 GHz 10.380 GHz 16.640 GHz	-60.85 dBm -60.93 dBm -61.32 dBm				Freq Offs 01

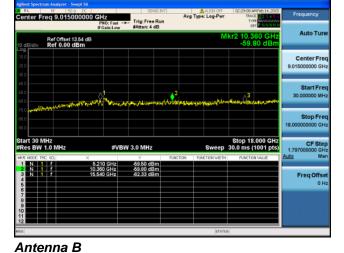
Antenna C

Antenna B

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Conducted Spurs Peak, 5210 MHz, VHT80 STBC, M0 to M9 2ss



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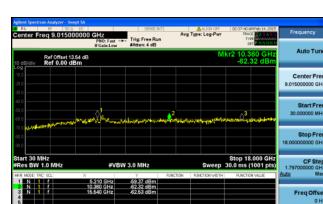
00000 G

CF S



enter Fre	RF 50 9 DC eq 9.01500000	0 GHz PNO: Fast IFGain:Low	Trig: Free Run #Atten: 4 dB	Avg	ALISH OFF Type: Log-Pwr	TRAC	MFeb 14, 2015 E 2 3 4 5 6 E 0.000 N N N N N	Frequency
0 dB/div	Ref Offset 13.54 dB Ref 0.00 dBm	3			М	kr2 10.3 -60.9	60 GHz 93 dBm	Auto Tur
09 10.0 20.0 30.0								Center Fre 9.015000000 GF
40.0 50.0		10		. ↓ ²		3		Start Fre 30.000000 Mi
	Jack Martin	and a main	meters and the set	the with the top the second	AND A CONTRACTOR	April 10 and	in the second	
70.0 80.0 80.0	a . That is in the second start for the spin of the	erol Panan	norton manteria	rit,fältilletyrelyd		u-1-15.055		
itart 30 Mi Res BW 1	Hz I.0 MHz	#VB\	N 3.0 MHz			30.0 ms (Stop Fre 18.00000000 Gi CF Ste 1.79700000 Gi
80.0 80.0 Start 30 Mi	Hz I.0 MHz	#VB\	₩ 3.0 MHz -60.85 dBm	FUNCTION	Sweep FUNCTION WIDTH		1001 pts)	18.000000000 G
Start 30 Mi Res BW 1 4 N 1 3 N 1 5	Hz .0 MHz 501 ×	#VBI	N 3.0 MHz			30.0 ms (1001 pts)	18.00000000 GI CF Sta 1.797000000 G
800 Start 30 Mi Res BW 1 000 INCE TRO 1 N 1 2 N 1 3 N 1 4	Hz .0 MHz 501 ×	#VB\	N 3.0 MHz Y -60.85 dBm -60.93 dBm			30.0 ms (1001 pts)	18.00000000 G CF Str 1.79700000 G <u>Auto</u> M Freq Offs

Antenna C



Antenna D

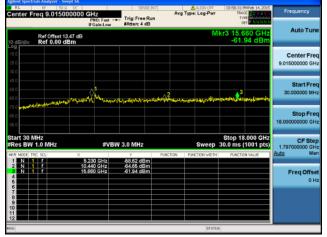
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Antenna A

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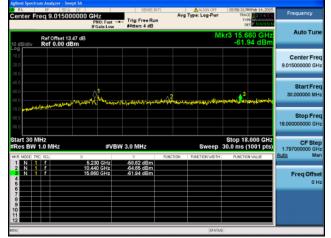


Antenna A

Antenna B

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RL RF 50 0		SENSE:INT	ALIGN OFF Avg Type: Log-Pwr	03:59:27 PMFeb 14, 2015	Frequency
enter Freq 5.01500	PNO: Fast - IFGain:Low	Atten: 4 dB		DET PNNNN	
Ref Offset 13 0 dB/div Ref 0.00 d	3.47 dB Bm		M	kr3 15.660 GHz -61.40 dBm	Auto Tune
20.0					Center Freq 9.015000000 GHz
10 0 50 0 10 0 70 0	Mary Mary	And the second second	2 mestalansigtermastricture	3 */~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Start Freq 30.000000 MHz
70.0					Stop Free 18.000000000 GHz
tart 30 MHz Res BW 1.0 MHz	#VB	W 3.0 MHz	Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	CF Step 1.797000000 GH:
KR MODE TRC SCL 1 N 1 F 2 N 1 F 3 N 1 F 4 5	× 5.230 GHz 10.440 GHz 15.660 GHz	-57.49 dBm -61.77 dBm -61.40 dBm	NCTION FUNCTION WIDTH	PUNCTION VALUE	Auto Mar Freq Offse 0 H:
6 7 8 9 9 10					
2					

Antenna A

enter Fi		00000 GHz PNO: Fa IFGaintL	at Trig: Fre	e Run	ALIGN OFF vg Type: Log-Pwr	04:02:24 PMFeb 14, 20 TRACE 2 3 4 TYPE A DET P NNNN	Frequency
0 dB/div	Ref Offset 1 Ref 0.00 d				M	kr3 15.660 GH -60.26 dBr	
10.0 20.0 30.0							Center Fre 9.015000000 GH
40.0 50.0 50.0	الم المراجعة المحمد	markens	والمدورة والمترورة والمترورة والمروان	and a star	والمعادية المحالية ا	allanaradapatranation	Start Fre 30.000000 MH
70.0 444							Stop Fre 18.000000000 GH
tart 30 N Res BW			VBW 3.0 MHz	:	Sweep	Stop 18.000 GH 30.0 ms (1001 pt	1.797000000 GH
KR MODE TR	C SCL	× 5.230 GH 10.440 GH			PUNCTION WIDTH	FUNCTION VALUE	Auto Ma
3 N 1 6 7 8 9 10	f	15.660 GH	- 60.26 d	8m			Freq Offse 0 H

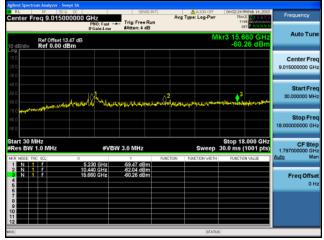
Antenna C

Antenna B

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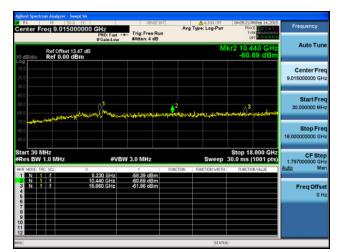


Antenna C



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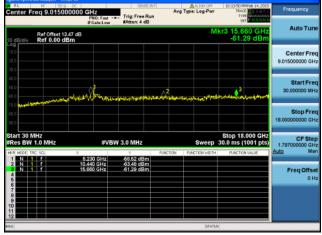




Antenna D

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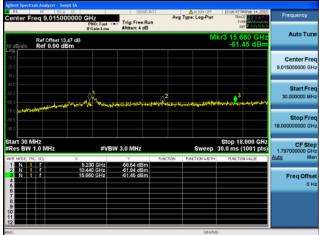


Antenna A

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Antenna A

Antenna B

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enter F	req 9.0150	P	IZ NO: Fast ~			Avg T	ALIGN OFF	TRA	MFeb 14, 2015 8 2 3 4 5 6 9 00000000000000000000000000000000000	Frequen	cy
0 dB/div	Ref Offset 1 Ref 0.00 e	13,47 dB			-		M		60 GHz 73 dBm	Auto	Tun
09 10.0 20.0 30.0										Cente 9.01500000	
10 0 50 0 50 0	مىرىلەرمەرمە _ل ەرمە	م با معدوم م	1 Alenation	yan hiranan m	un prove	چېرونو کې		3		Star 30.00000	
70.0 80.0 80.0										Stop 18.00000000	
Res BW	1.0 MHz	×	#VB	W 3.0 MHz	FUNC	TION	Sweep :		.000 GHz 1001 pts)	CF 1.79700000 Auto	Ste 00 GI M
3 N 4 5 6	f f f	10.44	0 GHz 0 GHz 0 GHz	-56.39 dB -61.28 dB -60.73 dB	m					Freq	Offs 01
7											

Antenna C

Antenna B

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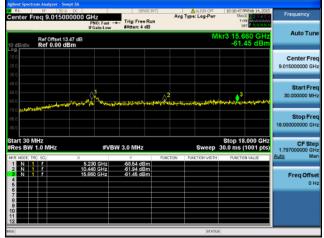


Antenna D

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Antenna A

Antenna B

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Antenna A

enter Freq 9.015000000	PNO: East the	rig: Free Run Atten: 4 dB	Avg Type: Log-Pwr	10:19:44 PMFeb 14, 2015 TRACE 2 3 4 5 6 TYPE DET P N N N N N	Frequency
Ref Offset 13,47 dB dBJdiv Ref 0.00 dBm	I CHILLOW		М	kr3 15.660 GHz -60.73 dBm	Auto Tun
29					Center Fre 9.015000000 GF
0 0 0 0 0 0 0 0 0 0 0 0 0 0	Manna	unan partin	2 9-11-2-20 Mindel agaign 14-149	3	Start Fre 30.000000 MH
0.0					Stop Fre 18.00000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBW 3.			Stop 18.000 GHz 30.0 ms (1001 pts)	CF Ste 1.797000000 GF Auto Ma
2 N 1 f 10	440 GHz -	Y FUN 56.39 dBm 51.28 dBm 50.73 dBm	CTION FUNCTION WIDTH	PUNCTION VALUE	Freq Offs 0 H

Antenna C

Antenna B

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Center Freq 9.015000		Trig: Free Run #Atten: 4 dB	Avg	ALIGN OFF	TRACE	AFeb 14, 2015	Frequency
Ref Offset 13.4	7 dB	satten: 4 db		М	kr3 15.6 -60.7	60 GHz 73 dBm	Auto Tur
20.0 							Center Fre 9.015000000 GH
40 0 50 0 60 0 70 0	Margeland International	antometric	pt and the second	ayinaa hogalar biyaa	3	and been	Start Fre 30.000000 MH
-70.0							Stop Fre 18.000000000 GP
Start 30 MHz #Res BW 1.0 MHz		V 3.0 MHz			30.0 ms (1		CF Ste 1.797000000 GI Auto M
HKR MODE TRC SCL 1 N 1 F 2 N 1 F 3 N 1 F 4 5 6	× 5.230 GHz 10.440 GHz 16.660 GHz	-56.39 dBm -61.28 dBm -60.73 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION	4 VALUE	Freq Offs 01
7 8 9 10 11							
50				STATU			

Antenna C



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Antenna D

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Antenna A

DC 000 GHz PNO: Fast = IFGain:Low	Trig: Free Run #Atten: 4 dB	Avg	ALIGN OFF Type: Log-Pur	10:19:44 PMFeb 14, 2015 TRACE 2 3 4 5 6 TYPE 444	Frequency
i7 dB m			M	r3 15.660 GHz -60.73 dBm	Auto Tune
					Center Fre 9.015000000 GH
and the series	and the material des	+122	1.00	3	Start Free 30.000000 MH
					Stop Fre 18.000000000 GH
#VB	W 3.0 MHz	FUNCTION	Sweep Runction width	Stop 18.000 GHz 30.0 ms (1001 pts) FUNCTION VALUE	CF Ste 1.797000000 GH Auto Ma
5.230 GHz 10.440 GHz 15.660 GHz	-56.39 dBm -61.28 dBm -60.73 dBm				Freq Offso 0 H
	0000 GH/2 PHO: Fast - IFGainLow 7 dB m #VB #VB	1000 GHZ FIGS Fail	Bit State Trig: Free Run #Attan: 4 dB Avg PRO: 1 aut	0000 GHz Prior, rate Avig Type: Log-Pur If g. Free Run Mitten: 4 dB Avig Type: Log-Pur rd B Mitten: 4 dB Mitten: 4 dB m	U000 GHz PIOL BAL Bridsin: Lew France Trig Free Ran Mater: 4 dB Avg Type: Log-Pur Trig Thick Free Processor rf dB m Trig Mkr3 15.660 GHz -50.73 dBm Mkr3 15.660 GHz -50.73 dBm #VBW 3.0 MHz Stop 18.000 GHz Sweep 30.0 ms (1001 pts) #VBW 3.0 MHz Sweep 30.0 ms (1001 pts) # 230 GHz FUNCTION -530 GBm Paction-wDH -740 Min

Antenna C

Antenna B

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Antenna C



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Antenna D

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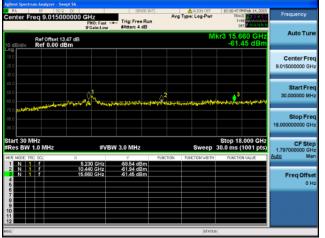
Conducted Spurs Peak, 5230 MHz, VHT40, M0 to M9 4ss







Antenna C



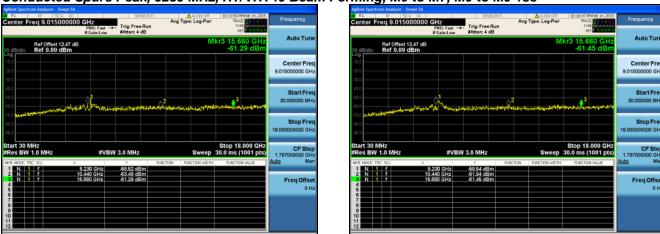
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Antenna D

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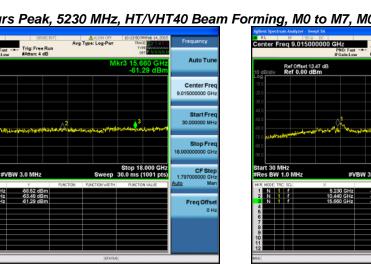


Antenna A

Antenna B

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t 30 MHz s BW 1.0 MH

GHz

5.230 GHz 10.440 GHz 15.660 GHz

Ref Offset 13.47 dB Ref 0.00 dBm

RL BF 50 0 0 Center Freq 9.0150000		Trig: Free Run #Atten: 4 dB	Avg	ALIGN OFF Type: Log-Pwr	10:19:44 PMFeb 14, 201 TRACE 2 3 4 5 TYPE DET P NYNN	Frequency
Ref Offset 13.47 0 dB/div Ref 0.00 dBm				M	kr3 15.660 GH -60.73 dBn	
20.0						Center Fre 9.015000000 GH
40.0 50.0 60.0 70.0 10.0 10.0 10.0 10.0 10.0 10.0 1	1 Angel of the Veryon	patrometric	+1200 Array	ni-volugaje-biyter		Start Fre 30,000000 MH
70.0						Stop Fre
0.0						18.00000000 GH
itart 30 MHz Res BW 1.0 MHz	#VB\	N 3.0 MHz			Stop 18.000 GH 30.0 ms (1001 pts	CF Ste
	× 5.230 GHz	ү -56.39 dBm	FUNCTION	Sweep 3		CF Ste
ttart 30 MHz Res BW 1.0 MHz	x	Y	FUNCTION		30.0 ms (1001 pts	CF Ste 1.797000000 GF Auto Mi Freq Offsi
tart 30 MHz Res BW 1.0 MHz Res BW 1.0 MHz 1 N 1 f 2 N 1 f 3 N 1 f	× 5.230 GHz 10.440 GHz	Y -56.39 dBm -61.28 dBm	FUNCTION		30.0 ms (1001 pts	CF Ste

Antenna C



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Antenna B

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Avg Type: Log-P

GHz

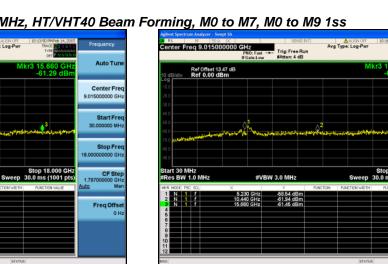
Ref Offset 13.47 dB Ref 0.00 dBm

Trig: Free Run

#VBW 3.0 MHz

-58.52 dB -63.48 dB -61.29 dB

5.230 GHz 10.440 GHz 15.660 GHz



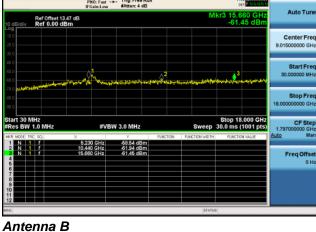




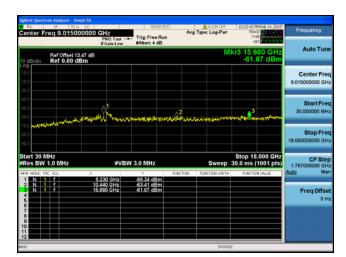
t 30 MHz sBW 1.0 MH

Center Freq 9.015000000) GHz PNO: Fast → IFGain:Low	Trig: Free Run #Atten: 4 dB		ALIGN OFF	10:19:44 PMFeb 14 TRACE	456 Frequency
Ref Offset 13.47 dB	3			M	kr3 15.660 C -60.73 d	
200						Center Fre 9.015000000 GH
-40.0 50.0 60.0 70.0	1 esting here wanter	antomaria	when when when		3	Start Fre 30.000000 MH
90.0						
Start 30 MHz #Res BW 1.0 MHz	#VBV	4 3.0 MHz	5141573004 J		Stop 18.000 30.0 ms (1001	pts) 1.797000000 GF
Start 30 MHz FRes BW 1.0 MHz MKR MODE TRC SCL X 1 N 1 2 N 1 1	#VBW 5.230 GHz 10.440 GHz 15.660 GHz	V 3.0 MHz	FUNCTION	Sweep :		GHz CF Ste 1.797000000 GH

Antenna C

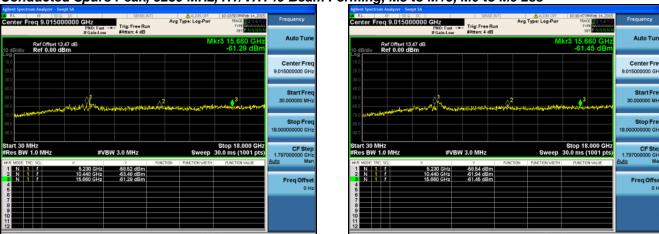


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Antenna D

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Conducted Spurs Peak, 5230 MHz, HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss

Antenna A

Antenna B

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Conducted Spurs Peak, 5230 MHz, HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss





Antenna A

enter Fi	req 9.01500		ast Trig: Free aww #Atten: 4 d	Av ₁ Run	ALIGN OFF g Type: Log-Pur	10:19:44 PMFeb 14, 2015 TRACE 2 3 4 5 6 TVFE WALLAND	Frequency
0 dB/div	Ref Offset 13 Ref 0.00 di	I.47 dB Bm			M	kr3 15.660 GHz -60.73 dBm	Auto Tun
09 10.0 20.0 30.0							Center Fre 9.015000000 GH
10 0 50 0 50 0	hair Maran Marana	prometer la Man	Angunga Astronomory	4 miles	ani ani ani ani ani ani	2 3 3	Start Fre 30,000000 MH
70.0							Stop Fre 18.000000000 Gi
tart 30 M Res BW			#VBW 3.0 MHz		Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	CF Ste 1.797000000 G
KR MODE TR	11	× 5.230 GH			FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
2 N 1 3 N 1 4 5	1	10.440 GH 15.660 GH	Iz -61.28 dBr Iz -60.73 dBr	n n			Freq Offs 01
7							
10					STATUS		

Antenna C

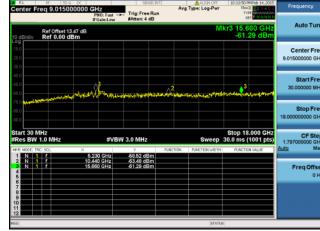
Antenna B

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Conducted Spurs Peak, 5230 MHz, HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss





Aglient Spectrum Analyzer - Swept RL RF 150 Q Center Freq 9.015000	000 GHz	SENSE:INT Av	ALIGN OFF g Type: Log-Pwr	10:19:44 PMFeb 14, 2015 TRACE 2 3 4 5 6 TriPE	Frequency
Ref Offset 13.47 10 dBJdiv Ref 0.00 dBn	IFGain:Low #/	tten: 4 dB	M	kr3 15.660 GHz -60.73 dBm	Auto Tun
-10.0 -20.0 -30.0					Center Fre 9.015000000 Gł
-40.0 -50.0 -60.0 -70.0	and the many and	unarita ja marina	ويرينهم والمعارية	333334444	Start Fre 30.000000 Mi
-70.0 -80.0 -90.0					Stop Fro 18.000000000 G
Start 30 MHz #Res BW 1.0 MHz	#VBW 3.0	MHz Y FUNCTION		Stop 18.000 GHz 30.0 ms (1001 pts)	CF Str 1.797000000 G Auto M
HKR MODE TRC SCL 1 N 1 6 2 N 1 7 3 N 1 7 6 6 7 8 8	10.440 GHz -6	7 39 dBm 1.28 dBm 0.73 dBm	FUNCTION WIDTH	FUNCTION VALUE	Freq Offs 01
9 10 11 12			STATUS		

Antenna C



Antenna B



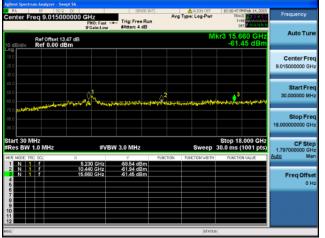
Antenna D

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Conducted Spurs Peak, 5230 MHz, HT/VHT40 Beam Forming, M16 to M23, M0 to M9 3ss





Antenna A

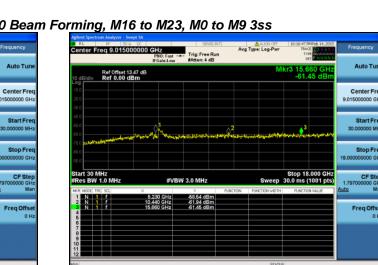
RL enter Fr		00000 GHz PNO: Fast IFGain:Low		Avg	ALIGN OFF	10:19:44 PMFeb 14, 201 TRACE 2 3 4 5 TriPE DET P NNNN	Frequency
0 dB/div	Ref Offset 13 Ref 0.00 d	3.47 dB Bm			M	kr3 15.660 GH: -60.73 dBn	
09 10.0 20.0 30.0							Center Fre 9.015000000 GF
10 0 50 0 50 0	and ranks and	1 Maryan	manternation	will any	141.000 1.404 1. ¹⁶ 1.97	survey and the second second	Start Fre 30.000000 MH
0.0							Stop Fre 18.00000000 Gi
tart 30 N Res BW		#V	BW 3.0 MHz		Sweep	Stop 18.000 GH 30.0 ms (1001 pts	1.797000000 G
KR MODE TR	11	× 5.230 GHz	ү -56.39 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
4 6 6	1	10.440 GHz 15.660 GHz	-61.28 dBm -60.73 dBm				Freq Offs 0 F
7 8 9 10							
2					STATUS		

Antenna C

Antenna B

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Avg Type: Log-P



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Auto Tur

Start Fre

Stop Fre

CF S

Freq Offs

01

Conducted Spurs Peak, 5230 MHz, HT/VHT40 Beam Forming, M16 to M23, M0 to M9 3ss

18.0

1.7970

Stop 18.000 GHz Sweep 30.0 ms (1001 pts)



GHz

Ref Offset 13.47 dB Ref 0.00 dBm

Trig: Free Run



Center Freq 9.01500		Trig: Free Run		ALIGN OFF Type: Log-Pwr	10:19:44 PMFeb 14, 20: TRACE 23 4 TYPE DET P (1111)	Frequency
Ref Offset 13, 10 dB/div Ref 0.00 dB	47 dB	Prisen 4 dia		MI	kr3 15.660 GH -60.73 dBr	
-og 10.0 20.0 30.0						Center Fre 9.015000000 Gi
40.0 50.0 60.0 70.0	1 Names of the name	and a second states	2 ²		3 	Start Fro 30.000000 M
70.0 million						
©0 Start 30 MHz Res B₩ 1.0 MHz		W 3.0 MHz	DIACTION		Stop 18.000 GH 30.0 ms (1001 pts	1.797000000 G
60 0 Start 30 MHz Rese BW 1.0 MHz Not 1 0	#VB 5.230 GHz 10.440 GHz 15.660 GHz	W 3.0 MHz -66.39 dBm -61.28 dBm -60.73 dBm	FUNCTION	Sweep :	Stop 18.000 GH 30.0 ms (1001 pts FUNCTION VALUE	18.00000000 CF S 1.797000000

Antenna C





Antenna D

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Conducted Spurs Peak, 5230 MHz, VHT40 Beam Forming, M0 to M9 4ss





Antenna C



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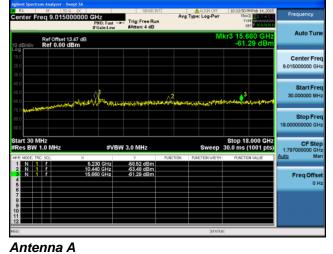


Antenna D

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Conducted Spurs Peak, 5230 MHz, HT/VHT40 STBC, Mo to M7





Antenna B

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Conducted Spurs Peak, 5230 MHz, HT/VHT40 STBC, M0 to M7



RL RF SD Q DC		SENSE:INT	ALIGN OFF	10:16:47 PMFeb 14, 2015	Frequency
enter Freq 9.01500000	PNO: Fast ==	Trig: Free Run	Avg Type: Log-Par	TRACE 23456 TYPE DET PINNNNN	Prequency
Ref Offset 13.47 dE	IFGain:Low	#Atten: 4 dB	N	lkr3 15.660 GHz -61.45 dBm	Auto Tun
					Center Fre 9.015000000 GH
	- Antonio	والمعاربين والمعاركة والمعاركة والمعادية	2	مەرمەردەردەر مەرمەردەردەردەردەردەردەردەردەردەردەردەردەردە	Start Free 30,000000 MH
O NAME DAILON					
10					
art 30 MHz tes BW 1.0 MHz	#VB\	W 3.0 MHz		Stop 18.000 GHz 30.0 ms (1001 pts)	Stop Fre 18.00000000 GH CF Ste 1.797000000 GH
art 30 MHz tes BW 1.0 MHz N 1.0 FC SU X N 1.0 F	#VB/ 5.230 GHz 10.440 GHz 15.660 GHz		Sweep	30.0 ms (1001 pts)	18.00000000 GH CF Ste 1.797000000 GH Auto Ma Freq Offse
AT 30 MHz tes BW 1.0 MHz N 10 F N 1 F N 1 F	5.230 GHz 10.440 GHz	Y Fi -59.54 dBm -61.94 dBm		30.0 ms (1001 pts)	18.00000000 GH CF Ste 1.797000000 GH

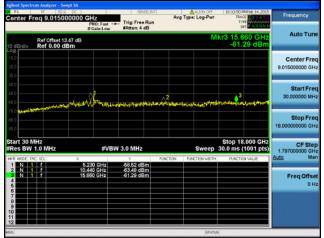
Antenna A

RL Center Fi	req 9.01500			Avg	AL)3N OFF Type: Log-Pwr	10:19:44 PMFeb 14, 20 TRACE 2 3 4 TVPE 44 DET P NNN	Frequency
0 dB/div	Ref Offset 13. Ref 0.00 dB	.47 dB Sm			М	kr3 15.660 GH -60.73 dBi	
20 0 30 0							Center Fre 9.015000000 GH
40.0 50.0 50.0	angererererererererererererererererererer	1 Margarol A	Lough a fail-maker find	wind my	wine have by	3 3 3	Start Fre 30,000000 MH
70.0	9 0						Stop Fre 18.00000000 GH
itart 30 N Res BW	1.0 MHz	#V	'B₩ 3.0 MHz			Stop 18.000 GH 30.0 ms (1001 pt	s) 1.797000000 Gi
KR MODE TR	11	× 5.230 GHz	-56.39 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
2 N 1 3 N 1 4 6		10.440 GHz 15.660 GHz	-61.28 dBm -60.73 dBm				Freq Offs 01
7 9 10							
10					STATUS	1	

Antenna C

Antenna B

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Conducted Spurs Peak, 5230 MHz, HT/VHT40 STBC, M0 to M7



	eq 9.0150	00000 GHz PNO: Fast	SENSE:IN	Ave	ALIGN OFF Type: Log-Pwr	10:19:44 PMFeb 14, 2 TRACE 2:3:4 TYPE	Frequency
10 dB/div	Ref Offset 1 Ref 0.00 d	IFGain:Low 3,47 dB	#Atten: 4 dB		M	kr3 15.660 GH -60.73 dB	12 Auto Tur M
-09 10.0 20.0 30.0							Center Fr 9.015000000 G
40.0	and and a second	June 1	and a fail marting the	2 #//	والمعارية المحمد ال	3	Start Fr 30.000000 M
70.0							Stop Fr 18.000000000 G
tart 30 M Res BW		#V	BW 3.0 MHz		Sweep	Stop 18.000 G 30.0 ms (1001 p	(S) 1.797000000 G
3 N 1	1	× 5,230 GHz 10,440 GHz 15,660 GHz	-56.39 dBm -61.28 dBm -60.73 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto M Freq Offs 0
6 7 8 9 10 11							
12							

Antenna C



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Antenna D

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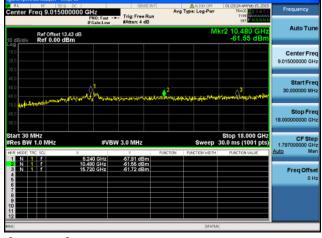
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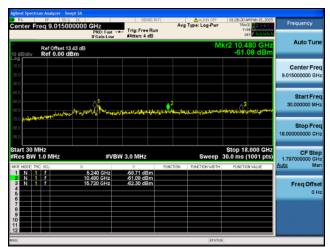
Conducted Spurs Peak, 5240 MHz, 6 to 54 Mbps Avg Type: Log-Pa 9.015) GHz Trig: Free Run Auto Tur Ref Offset 13.43 dB Ref 0.00 dBm 61.55 Center Fre 9.015000000 GH Start Fre Stop Fre 18.00 Stop 18.000 GHz Sweep 30.0 ms (1001 pts) t 30 MHz s BW 1.0 MH CFS #VBW 3.0 MHz 1.79700 5.240 GHz 10.480 GHz 15.720 GHz -57.91 dBm -61.55 dBm -61.72 dBm Freq Offs 01

Antenna A

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Conducted Spurs Peak, 5240 MHz, 6 to 54 Mbps





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Antenna B

Antenna A

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Conducted Spurs Peak, 5240 MHz, 6 to 54 Mbps





dB	#Atten: 4 dB	2 Altohorrystaat	M	kr2 10.480 (-60.39 d	Center Fre 9.015000000 GF Start Fre 30.000000 MF
New Maryung	har and a start of the set	Alcierrocad	Agaloh dagaadada paras	การาร์แนกรู้เ ³	9.015000000 GH Start Fre 30.000000 MH
neren Harring	kynastad om stad og og t	Noise Person	4,43,514,141,1 ⁴ ,4197	ากลูกสุภาพให้เพื่อ _{ได้ส} ุก	30.000000 MH
					Stop Fre 18.00000000 GH
×	¥ 3.0 MHz	FUNCTION	Sweep FUNCTION WIDTH	Stop 18.000 30.0 ms (1001 FUNCTION VALU	pts) 1.797000000 GF
5.240 GHz 10.490 GHz 15.720 GHz	-60.19 dBm -60.39 dBm -62.63 dBm				Freq Offs 0 F

Antenna C



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Antenna B

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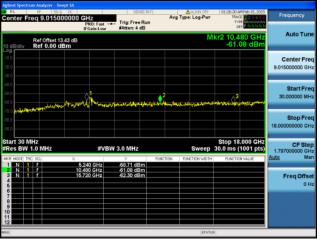
Avg Type: Log-Pr Trig: Free Run Auto Tur Ref Offset 13.43 dB Ref 0.00 dBm 61.55 Center Fre 9.015000000 GH Start Fre 000000 M Stop Fre 18.00 CF Ste Stop 18.000 GHz Sweep 30.0 ms (1001 pts) t 30 MHz sBW 1.0 MH #VBW 3.0 MHz 1.7970 5.240 GHz 10.480 GHz 15.720 GHz -57.91 dBn -61.55 dBn -61.72 dBn Freq Offs 01

Conducted Spurs Peak, 5240 MHz, 6 to 54 Mbps



	req 9.0150	00000 GHz PNO: Fast IFGain:Lov		Avg T	ALIGN OFF	TRAC	M Feb 15, 2015	Frequency
10 dB/div	Ref Offset 13 Ref 0.00 d	3.43 dB	y Millen. 4 db		M	kr2 10.4 -60.3	80 GHz 39 dBm	Auto Tur
-09 10.0 20.0 30.0								Center Fre 9.015000000 Gi
40.0 50.0 60.0	n an an an	manthe	and provided and states and	2 Million readings	ومتجاهرهما وال	a frikanska	n fage takenta	Start Fre 30.000000 Mi
70.0								
80.0								
Start 30 M	1Hz 1.0 MHz		/BW 3.0 MHz	DUM ^{CTION}		30.0 ms (Stop Fri 18.00000000 Gi CF Sta 1.797000000 Gi Auto M
Start 30 M Res BW 4R MODE TR 1 N 1 2 N 1 3 N 1 5	1Hz 1.0 MHz f	#V 5.240 GHz 10.490 GHz 15.720 GHz	/BW 3.0 MHz 	FUNCTION	Sweep	Stop 18 30.0 ms (1001 pts)	18.00000000 GI CF Sta 1.797000000 G
tart 30 M Res BW Res DW 1 N 1 2 N 1	1Hz 1.0 MHz f	× 5.240 GHz 10.490 GHz	Y -60.19 dBm -60.39 dBm	FUNCTION		30.0 ms (1001 pts)	18.00000000 Gi CF Ste 1.797000000 Gi <u>Auto</u> M Freq Offs

Antenna C



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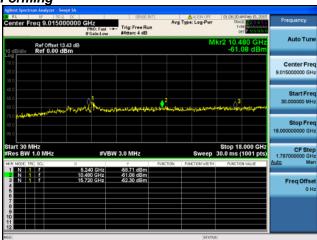
Antenna D

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Conducted Spurs Peak, 5240 MHz, 6 to 54 Mbps Beam Forming





Antenna A

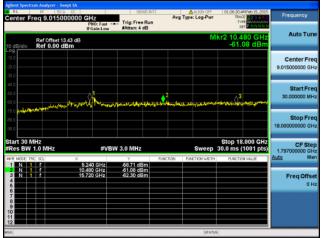
Antenna B

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Conducted Spurs Peak, 5240 MHz, 6 to 54 Mbps Beam Forming





Antenna A

enter Fi		00000 GHz PNO: Fas IFGain:Lo		Avg	ALIGN OFF	01:29:18 AM Feb 15, 2019 TRACE 2 3 4 5 TIPE DET P N N N N	Frequency
0 dB/div	Ref Offset 1 Ref 0.00 d				MI	(r2 10.480 GHz -60.39 dBm	Auto Tun
og 10.0 20.0							Center Fre 9.015000000 GH
80.0 80.0	Langer and shot	- Mary	un figunatur a sinter	anterior read	م _ا يوركي را موسيدان الميانية	rynykuurlij ³ angefyynilaitert	Start Fre 30,000000 MH
0.0 30.0 10.0							Stop Fre 18.00000000 GH
tart 30 N Res BW	1.0 MHz	#\	/BW 3.0 MHz		Sweep	Stop 18.000 GHz 30.0 ms (1001 pts	1.797000000 G
KR MODE TF 1 N 1 2 N 1 3 N 1 4 5 6 5 7 8 9 9	1	× 5.240 GHz 10.490 GHz 15.720 GHz		FUNCTION	RUNCTION WIDTH	FUNCTION VALUE	Auto Ma Freq Offs 0 H

Antenna C

Antenna B

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Conducted Spurs Peak, 5240 MHz, 6 to 54 Mbps Beam Forming



enter F		DOUDOOD GHZ PNO: Fast IFGain:Loo		Avg	ALIGN OFF Type: Log-Pwr	TRAC	MFeb 15, 2015 8 2 3 4 5 6 9 With MNN	Frequency
0 dB/div	Ref Offset Ref 0.00	13.43 dB	y Price - C		М	kr2 10.4 -60.3	80 GHz 39 dBm	Auto Tur
10.0 20.0 30.0								Center Fre 9.015000000 Gi
40.0 50.0 60.0		mand	and particular street	2 Malorry Carlos	ومجادد والج	angrafica An	ny godiaterila	Start Fre 30.000000 Mi
70.0								Stop Fre 18.000000000 Gi
Res BW	1.0 MHz	# \ ×	/BW 3.0 MHz	FUNCTION	Sweep	Stop 18 30.0 ms (CF Str 1.797000000 G Auto M
1 N 2 N 3 N	- ;	5.240 GHz 10.480 GHz 15.720 GHz	-60.19 dBm -60.39 dBm -62.63 dBm					Freq Offs 01
5								
5 6 7 8 9								

Antenna C



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Antenna D

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Antenna A

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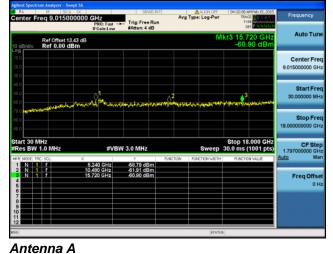


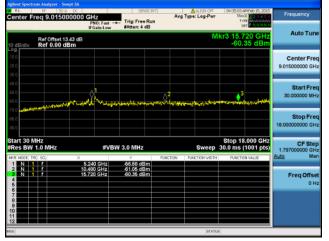
Antenna A

Antenna B

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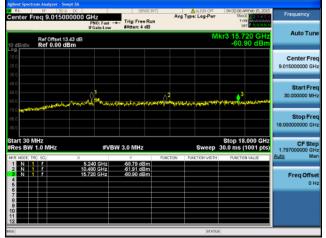


Antenna B

Frequency	04:37:59 AM Feb 15, 2015 TRACE 23 4 5 6 TYPE DET P N N N N N	ALIGN OFF		SENSE: Trig: Free Ru #Atten: 4 dB	Hz PNO: Fast ~ FGain:Low	50 R DC 015000000		
Auto Tu	kr2 10.480 GHz -61.71 dBm	MI		Millen: 4 db	Huain:Low	ffset 13.43 dB 0.00 dBm		0 dB/di
Center Fr 9.015000000 G								-og 10.0 20.0 30.0
Start Fr 30,000000 M	atom gal And a grand and a star	he ^{lens} tie News th elens	2 (ra	ليتقور ومراجع	2 mal maketing	والجارية فراسية فيراجه فاستراسها		40.0 50.0 60.0
Stop Fr 18.00000000 G							A A A A A A A A A A A A A A A A A A A	70.0 80.0 90.0
	Stop 18.000 GHz 30.0 ms (1001 pts)	Sweep		3.0 MHz	#VB	Hz	0 MHz W 1.0 N	Start 30 Res B
Auto M	FUNCTION VALUE	FUNCTION WIDTH	FUNCTION	√ -59,66 dBm -61,71 dBm	240 GHz 80 GHz	10.	TRC SCL	4KR MODE 1 N 2 N
Freq Offs 0				-63.41 dBm	'20 GHz	16.	1 f	34567
								8 9 10
								12

Antenna C

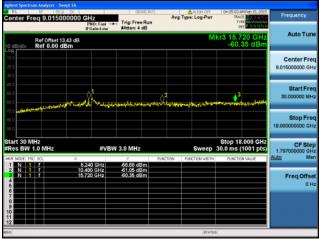
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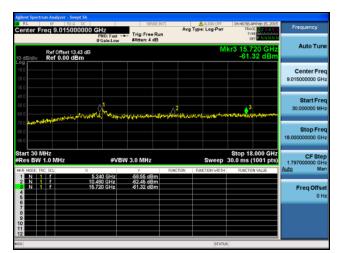


Antenna C



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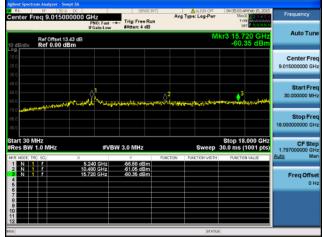


Antenna D

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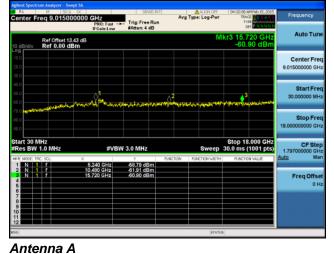


Antenna A

Antenna B

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RL	rea 9.0150	2 DC	-	SENSE		Vg Type: Log-Pwr	04:35:03 AM Feb 15, 2015 TRACE	Frequency
enter F	req 9.0150	Р	NO: Fast Gain:Low	Trig: Free R	un	vg rype: Log-r er	TYPE WOULD NOT	
) dB/div	Ref Offset 1 Ref 0.00 c	3.43 dB				M	kr3 15.720 GHz -60.35 dBm	Auto Tune
0.0 0.0 0.0								Center Free 9.015000000 GH
10.0 50.0 60.0			1	where the server	anne ann	Helmon Bacat, Maria	and the second	Start Free 30.000000 MH:
0.0 0.0								Stop Fred 18.000000000 GH:
tart 30 P Res BW	NHz 1.0 MHz		#VB	W 3.0 MHz		Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	CF Step 1.797000000 GH
	1	× 5.24	0 GHz	۲ -56.68 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
3 N 4		10.49 16.72	0 GHz 0 GHz	-61.05 dBm -60.35 dBm				Freq Offse 0 H
6								
9								
8								

Antenna B

enter Freq 9.015000000	PNO: Fast Trig: Free Run	Avg Type: Log-Pwr	04:37:59 AM Feb 15, 2015 TRACE 2 3 4 5 6 TYPE	Frequency
Ref Offset 13.43 dB	IFGain:Low #Atten: 4 dB	Μ	kr2 10.480 GHz -61.71 dBm	Auto Tun
09 000 000 000 000 000 000 000 000 000				Center Fre 9.015000000 Gi
0 0 0 0 0 0	1 Malandalan markata	alaranda jaraan buu ja	hater get Aging and services	Start Fre 30.000000 Mi
				Stop Fr 18.00000000 G
tart 30 MHz Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	CF St 1.797000000 G
2 N 1 f 10.	240 GHz -59.65 dBm 490 GHz -61.71 dBm 720 GHz -63.41 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto M Freq Offs 0 I
9				

Antenna C

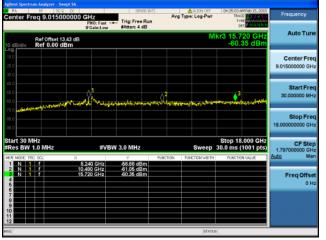
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Antenna C



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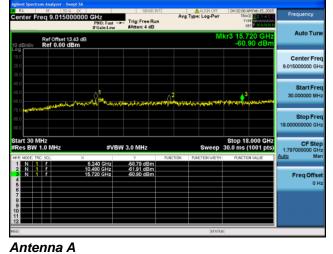


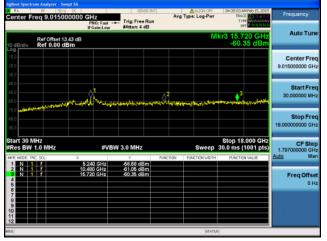


Antenna D

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Antenna B

enter Fi	req 9.0150	F	lz NO: Fast ⊶ Gain:Low			LOG-Pwr	TRAC	M Feb 15, 2015	Frequ	ency
) dB/div	Ref Offset 1 Ref 0.00 d	3.43 dB	Gametow	Prisent 4 1		М	kr2 10.4 -61.3	80 GHz 71 dBm	Au	to Tun
0.0									Cent 9.015000	ter Fre 000 GH
0.0	and and	and the second	1 Trading balance	966-189 ⁷ - 1474 - 1	and signal and a	 410Mart 4/44	amper Air	-25-41-45-45-45-45-45-45-45-45-45-45-45-45-45-		art Fre 000 M⊢
0.0									St. 18.000000	op Fre 000 GH
tart 30 N Res BW	1.0 MHz	×	#VB	N 3.0 MHz	FUNC	Sweep	Stop 18 30.0 ms ((1.797000 Auto	CF Ste 000 GH Ma
1 N 1	1	5.24 10.45	IO GHZ IO GHZ IO GHZ	-59,66 dB -61.71 dB -63.41 dB	m m				Free	q Offse 0 ⊢

Antenna C

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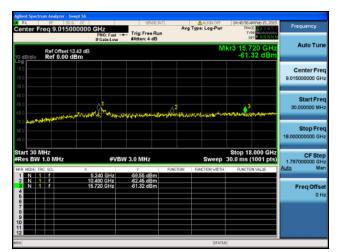


Antenna C



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Antenna D

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Conducted Spurs Peak, 5240 MHz, VHT20, M0 to M9 4ss





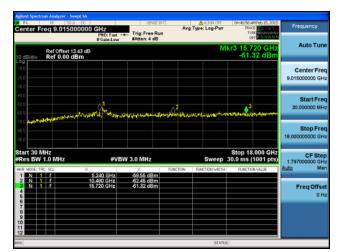


Antenna C



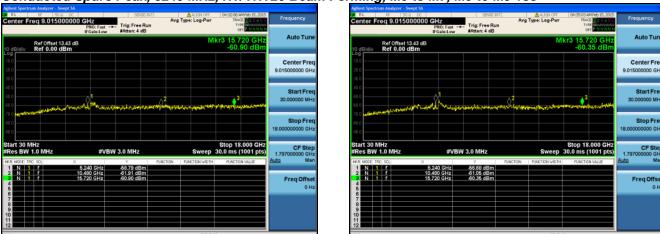
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Antenna D

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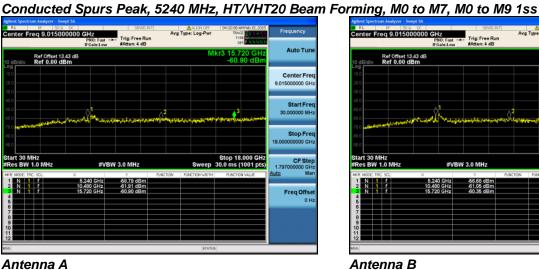


Antenna A

Antenna B

cisco

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Avg Type: Log-Pr Trig: Free Run GHz Auto Tur Ref Offset 13.43 dB Ref 0.00 dBm 20 25 Center Fre 15000000 GI Start Fre Stop Fre 18.00 Stop 18.000 GHz Sweep 30.0 ms (1001 pts) CF Ste tart 30 MHz Res BW 1.0 MH #VBW 3.0 MHz 1.79700 5.240 GHz 10.480 GHz 15.720 GHz -56.68 dB -61.05 dB -60.36 dB Freq Offs 01

Antenna B

Avg Type: Log-P r Freq 9.015000000 GHz Trig: Free Run Auto Tur Ref Offset 13.43 dB Ref 0.00 dBm Center Fre 9.015000000 GI Start Fre Stop Fr Stop 18.000 GH Sweep 30.0 ms (1001 pts t 30 MHz s BW 1.0 MH CF S #VBW 3.0 MHz 1.797 5.240 GHz 10.480 GHz 16.720 GHz -59.66 dBn -61.71 dBn -63.41 dBn Freq Offse

Antenna C

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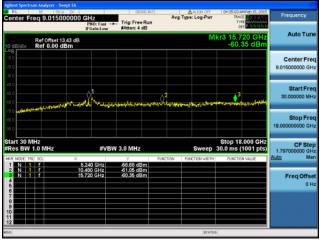






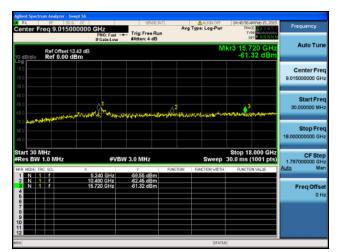


Antenna C



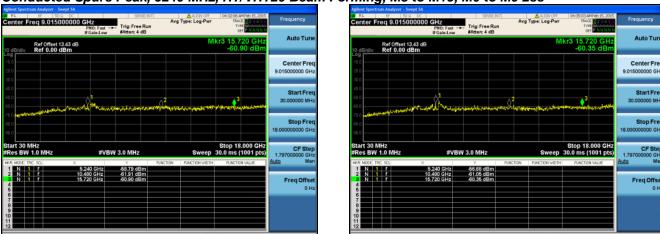
cisco

Antenna B



Antenna D

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Conducted Spurs Peak, 5240 MHz, HT/VHT20 Beam Forming, M8 to M15, M0 to M9 2ss

Antenna A

Antenna B

cisco

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Conducted Spurs Peak, 5240 MHz, HT/VHT20 Beam Forming, M8 to M15, M0 to M9 2ss





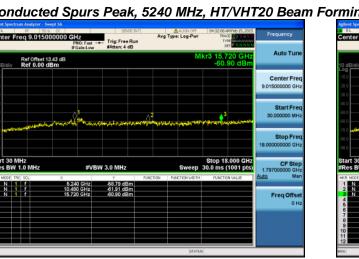
Antenna A

Center Fi	req 9.01500	DC 00000 GHz PNO: Fast IFGain:Low	Trig: Free Ru #Atten: 4 dB	Avg	Type: Log-Pwr	04:37:59 AM Feb 15, 2015 TRACE 2 3 4 5 6 Type DET P NINNIN	Frequency
0 dB/div	Ref Offset 13. Ref 0.00 dE	.43 dB			М	kr2 10.480 GHz -61.71 dBm	Auto Tur
- 0 g 10.0 20.0 30.0							Center Fre 9.015000000 GH
40.0 50.0 60.0	a a the state of the	arterin participation	المحقومة والمحاجزين	2 Martin 2010	schelerstyle Martin Marter	alemant Asia and a state of the state	Start Fre 30,000000 Mi
70.0	Contrading of Contrast on State						Stop Fr 18.000000000 G
itart 30 N Res BW	1.0 MHz	#VI	3W 3.0 MHz			Stop 18.000 GHz 30.0 ms (1001 pts)	1.797000000 G
itart 30 N Res BW	1.0 MHz	× 5.240 GHz	ү -59.66 dBm	FUNCTION	Sweep FUNCTION WIDTH	Stop 18.000 GHz 30.0 ms (1001 pts) FUNCTION VALUE	1.797000000 G
Start 30 M Res BW MR MODE TP 1 N 1 2 N 1 3 N 1 4 5	1.0 MHz RC SCL f	×	Y	FUNCTION		30.0 ms (1001 pts)	1.797000000 G
tart 30 M Res BW 1 N 1 2 N 1 3 N 1 4	1.0 MHz RC SCL f	× 5.240 GHz 10.490 GHz	7 -59.66 dBm -61.71 dBm	FUNCTION		30.0 ms (1001 pts)	1.797000000 G Auto M Freq Offs

Antenna C

Antenna B

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Conducted Spurs Peak, 5240 MHz, HT/VHT20 Beam Forming, M8 to M15, M0 to M9 2ss



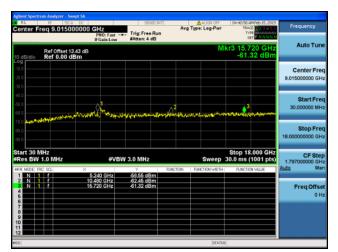


Antenna C



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Antenna B



Antenna D

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Conducted Spurs Peak, 5240 MHz, HT/VHT20 Beam Forming, M16 to M23, M0 to M9 3ss





Antenna A

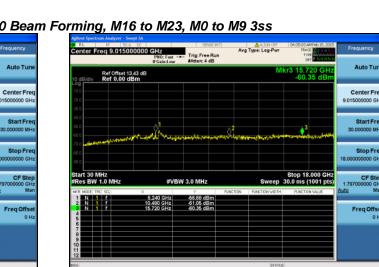
Center Fr	eq 9.015000000	DGHz PNO: Fast H	Trig: Free Run #Atten: 4 dB	Avg	ALIGN OFF	04:37:59 AM Feb 15, 2015 TRACE 2 3 4 5 6 TYPE 0ET P N N N N	Frequency
10 dB/div	Ref Offset 13.43 dB Ref 0.00 dBm				М	kr2 10.480 GHz -61.71 dBm	Auto Tur
20.0							Center Fre 9.015000000 Gi
40.0 50.0 60.0	None of the state	And in Language		2 #14-14-14-14	uh din di ja Mara Mala A	atmatic hija and a strategy	Start Fro 30,000000 M
70.0 80.0 90.0							Stop Fr 18.000000000 G
Res BW 1	1.0 MHz	#VB	W 3.0 MHz	FUNCTION	Sweep FUNCTION WIDTH	Stop 18.000 GHz 30.0 ms (1001 pts)	
Res BW 1	1.0 MHz	#VB1 5,240 GHz 10,480 GHz 16,720 GHz		FUNCTION		30.0 ms (1001 pts)	1.797000000 G

Antenna C

Antenna B

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Avg Type: Log-P



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Auto Tur

Start Fre

Stop Fre

CF Ste

Freq Offs

01

Conducted Spurs Peak, 5240 MHz, HT/VHT20 Beam Forming, M16 to M23, M0 to M9 3ss

18.00

1.7970

Stop 18.000 GHz Sweep 30.0 ms (1001 pts)



rt 30 MHz Is BW 1.0 MH

GHz

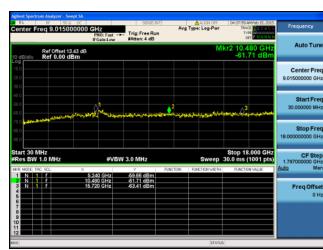
Ref Offset 13.43 dB Ref 0.00 dBm

Trig: Free Run

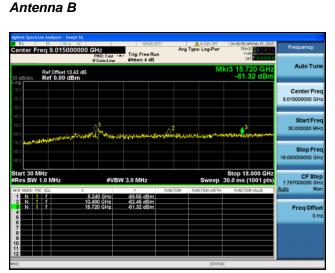
#VBW 3.0 MH

-58.79 dB -61.91 dB -60.90 dB

5.240 GHz 10.480 GHz 15.720 GHz



Antenna C



Antenna D

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Conducted Spurs Peak, 5240 MHz, VHT20 Beam Forming, M0 to M9 4ss



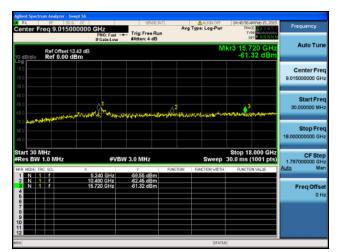


Antenna C



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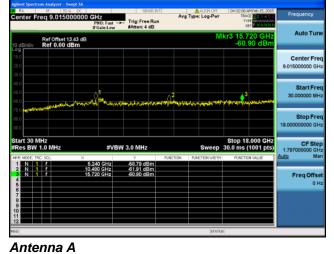


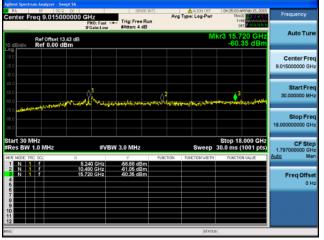


Antenna D

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Conducted Spurs Peak, 5240 MHz, HT/VHT20 STBC, Mo to M7

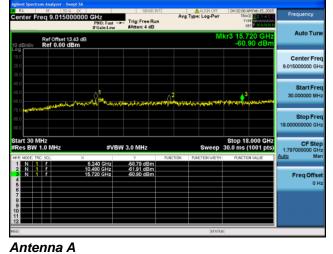




Antenna B

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Conducted Spurs Peak, 5240 MHz, HT/VHT20 STBC, M0 to M7



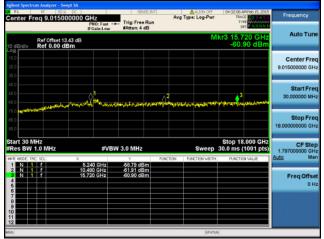
RL	RF 50 Q			SENS	EINT		ALIGN OFF		4M Feb 15, 2015	Frequency
enter Fi	req 9.01500	P	Z NO: Fast H Sain:Low	Trig: Free		Avg Type	: Log-Pwr	T	OE 23456 FE WAARDAN	Trequency
) dB/div	Ref Offset 13 Ref 0.00 df	.43 dB					М		720 GHz 35 dBm	Auto Tuni
0.0 0.0 0.0 0.0										Center Free 9.015000000 GH
0.0	hand rates and	لمحبريهم	1 1 1	and the second	and the second second	4/191410-141	lacent noteniar	***anglesin	to grand while	Start Free 30.000000 MH
0.0										Stop Free 18.000000000 GH
art 30 N	ЛНZ		43 (19)	N 3.0 MHz			Sween	Stop 18	3.000 GHz (1001 pts)	CF Ste
	1.0 MHz		#VD9	¥ 5.0 Mili2			oweep	30.0 ms		1.797000000 GH
Res BW	RC SCL	× 5.240 10.480 15.720	0 GHz 0 GHz	Y -56.68 dBr -61.05 dBr -60.36 dBr	m	non fur	ACTION WIDTH			Auto Mar Freq Offse
Res BW	RC SCL	5.240	0 GHz 0 GHz	7 -56.68 dBr -61.05 dBr	n	NDN PUR				

Antenna B

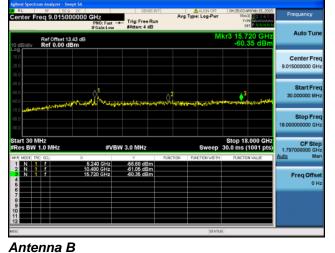
			50 0 0 150000	000 GH	Z IO: Fast		ig:Free itten:4 d		Avg	Type: Log			IRACE	0 15, 2015 2 3 4 5 0	Free	quency
10 dB/di			set 13.43 00 dBm	dB	ain:Low		iten: 4 u	0			Mk	r2 10 -6).480 1.71	GHz dBm		uto Tun
-10.0																nter Fre
-40.0 -50.0 -60.0			MUNAN		1 ********	unnelati	و در رود	-	2	ማር ትምም	a,#1;1=1:1	mpula	3	واجازري		Start Fre
70.0 80.0 60.0	(مباري															Stop Fre
Start 3 #Res B			z		#V	BW 3.0	MHz			Sw	eep 3	Stop 30.0 m		0 GHz)1 pts)		CF Ste 00000 GH
	1	f 🗌		× 5.240) GHz	-5	ү 9.66 dBi	n	TION	FUNCTION	WIDTH	FUN	CTION VAL	LUE	Auto	Ma
	1			10.490 16.720) GHz) GHz	6	1.71 dBi 3.41 dBi	n							Fr	eq Offso 0 H
4																
3 N								-			=					

Antenna C

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Conducted Spurs Peak, 5240 MHz, HT/VHT20 STBC, M0 to M7

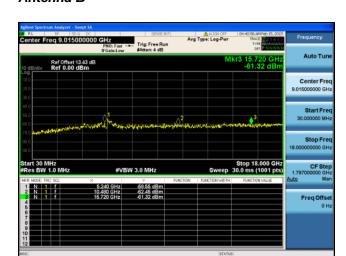


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RL Center Fro	eq 9.0150000		Trig: Free Ru #Atten: 4 dB	Avg	ALISN OFF Type: Log-Pwr	D4:37:59 AM Feb 15, 2 TRACE	Frequency
0 dB/div	Ref Offset 13.43 (Ref 0.00 dBm	dB			М	kr2 10.480 GI -61.71 dB	
200							Center Fre 9.015000000 GH
40.0 50.0 50.0	1 Deal & Margin Com	National States	nulation	2	h dres for the state of the state	ange Astronome	Start Fro 30.000000 Mi
80.0							
itart 30 Mi Res BW 1	Hz I.0 MHz	#VB	W 3.0 MHz			Stop 18.000 G 30.0 ms (1001 p	18.00000000 G Hz CF Str (s) 1.797000000 G
tart 30 Mi Res BW 1	Hz I.0 MHz	#VB	W 3.0 MHz	FUNCTION	Sweep Function width		
Start 30 Mi Res BW 1 4 N 1 3 N 1 5	Hz I.0 MHz 1 SOL	#VB		FUNCTION		30.0 ms (1001 p	Hz CF Ste (s) 1.797000000 G
tart 30 Ml Res BW 1 Res DW 1 1 N 1 2 N 1 3 N 1	Hz I.0 MHz 1 SOL	#VB 5,240 GHz 10.490 GHz	W 3.0 MHz -59.66 dBm -61.71 dBm	FUNCTION		30.0 ms (1001 p	18.00000000 G Hz 1.79700000 G <u>Auto</u> M Freq Offs

Antenna C



Antenna D

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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)).

Use the procedures in 789033 D02 General UNII Test Procedures New Rules v01 to substitute conducted measurements in place of radiated measurements.

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 = -21.25 dBm eirp (74dBuV @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.

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Conducted Bandedge-Average

-	Conducted Bandedge Average									
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)
	6 to 54 Mbps	1	6	-55.4				-49.4	-41.25	8.2
	6 to 54 Mbps	2	6	-55.4	-56.8			-47.0	-41.25	5.8
	6 to 54 Mbps	3	6	-55.4	-56.8	-54.9		-44.9	-41.25	3.6
	6 to 54 Mbps	4	6	-55.4	-56.8	-54.9	-55.6	-43.6	-41.25	2.4
	6 to 54 Mbps Beam Forming	2	9	-55.4	-56.8			-44.0	-41.25	2.8
	6 to 54 Mbps Beam Forming	3	11	-58.6	-59.1	-58.3		-43.1	-41.25	1.8
	6 to 54 Mbps Beam Forming	4	12	-60.0	-60.1	-59.4	-58.8	-41.5	-41.25	0.3
	HT/VHT20, M0 to M7, M0 to M9 1ss	1	6	-55.3				-49.3	-41.25	8.1
	HT/VHT20, M0 to M7, M0 to M9 1ss	2	6	-55.3	-55.6			-46.4	-41.25	5.2
	HT/VHT20, M0 to M7, M0 to M9 1ss	3	6	-55.3	-55.6	-54.7		-44.4	-41.25	3.2
	HT/VHT20, M0 to M7, M0 to M9 1ss	4	6	-55.3	-55.6	-54.7	-54.9	-43.1	-41.25	1.8
	HT/VHT20, M8 to M15, M0 to M9 2ss	2	6	-55.3	-55.6			-46.4	-41.25	5.2
	HT/VHT20, M8 to M15, M0 to M9 2ss	3	6	-55.3	-55.6	-54.7		-44.4	-41.25	3.2
	HT/VHT20, M8 to M15, M0 to M9 2ss	4	6	-55.3	-55.6	-54.7	-54.9	-43.1	-41.25	1.8
5180	HT/VHT20, M16 to M23, M0 to M9 3ss	3	6	-55.3	-55.6	-54.7		-44.4	-41.25	3.2
പ	HT/VHT20, M16 to M23, M0 to M9 3ss	4	6	-55.3	-55.6	-54.7	-54.9	-43.1	-41.25	1.8
	VHT20, M0 to M9 4ss	4	6	-55.3	-55.6	-54.7	-54.9	-43.1	-41.25	1.8
	HT/VHT20 Beam Forming, M0 to M7, M0 to M9 1ss	2	9	-55.3	-55.6			-43.4	-41.25	2.2
	HT/VHT20 Beam Forming, M0 to M7, M0 to M9 1ss	3	11	-58.2	-58.6	-57.7		-42.6	-41.25	1.3
	HT/VHT20 Beam Forming, M0 to M7, M0 to M9 1ss	4	12	-60.0	-60.5	-60.0	-58.9	-41.8	-41.25	0.5
	HT/VHT20 Beam Forming, M8 to M15, M0 to M9 2ss	2	6	-55.3	-55.6			-46.4	-41.25	5.2
	HT/VHT20 Beam Forming, M8 to M15, M0 to M9 2ss	3	8	-55.3	-55.6	-54.7		-42.6	-41.25	1.4
	HT/VHT20 Beam Forming, M8 to M15, M0 to M9 2ss	4	9	-56.3	-58.0	-55.6	-56.1	-41.4	-41.25	0.1
	HT/VHT20 Beam Forming, M16 to M23, M0 to M9 3ss	3	6	-55.3	-55.6	-54.7		-44.4	-41.25	3.2
	HT/VHT20 Beam Forming, M16 to M23, M0 to M9 3ss	4	7	-55.3	-55.6	-54.7	-54.9	-41.9	-41.25	0.6
	VHT20 Beam Forming, M0 to M9 4ss	4	6	-55.3	-55.6	-54.7	-54.9	-43.1	-41.25	1.8
	HT/VHT20 STBC, M0 to M7	2	6	-55.3	-55.6			-46.4	-41.25	5.2
	HT/VHT20 STBC, M0 to M7	3	6	-55.3	-55.6	-54.7		-44.4	-41.25	3.2
	HT/VHT20 STBC, M0 to M7	4	6	-55.3	-55.6	-54.7	-54.9	-43.1	-41.25	1.8

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		-								_
	Non HT40 Duplicate, 6 to 54 Mbps	1	6	-52.9				-46.9	-41.25	5.7
	Non HT40 Duplicate, 6 to 54 Mbps	2	6	-52.9	-53.3			-44.1	-41.25	2.8
	Non HT40 Duplicate, 6 to 54 Mbps	3	6	-52.9	-53.3	-51.7		-41.8	-41.25	0.6
	Non HT40 Duplicate, 6 to 54 Mbps	4	6	-54.0	-55.1	-53.1	-52.6	-41.6	-41.25	0.3
	HT/VHT40, M0 to M7, M0 to M9 1ss	1	6	-54.1				-48.1	-41.25	6.9
	HT/VHT40, M0 to M7, M0 to M9 1ss	2	6	-54.1	-54.0			-45.0	-41.25	3.8
	HT/VHT40, M0 to M7, M0 to M9 1ss	3	6	-54.1	-54.0	-53.0		-42.9	-41.25	1.6
	HT/VHT40, M0 to M7, M0 to M9 1ss	4	6	-54.1	-54.0	-53.0	-52.8	-41.4	-41.25	0.2
	HT/VHT40, M8 to M15, M0 to M9 2ss	2	6	-54.1	-54.0			-45.0	-41.25	3.8
	HT/VHT40, M8 to M15, M0 to M9 2ss	3	6	-54.1	-54.0	-53.0		-42.9	-41.25	1.6
	HT/VHT40, M8 to M15, M0 to M9 2ss	4	6	-54.1	-54.0	-53.0	-52.8	-41.4	-41.25	0.2
	HT/VHT40, M16 to M23, M0 to M9 3ss	3	6	-54.1	-54.0	-53.0		-42.9	-41.25	1.6
5190	HT/VHT40, M16 to M23, M0 to M9 3ss	4	6	-54.1	-54.0	-53.0	-52.8	-41.4	-41.25	0.2
51	VHT40, M0 to M9 4ss	4	6	-54.1	-54.0	-53.0	-52.8	-41.4	-41.25	0.2
	HT/VHT40 Beam Forming, M0 to M7, M0 to M9 1ss	2	9	-54.1	-54.0			-42.0	-41.25	0.8
	HT/VHT40 Beam Forming, M0 to M7, M0 to M9 1ss	3	11	-57.4	-57.7	-56.8		-41.7	-41.25	0.5
	HT/VHT40 Beam Forming, M0 to M7, M0 to M9 1ss	4	12	-60.3	-60.6	-59.6	-58.8	-41.7	-41.25	0.5
	HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss	2	6	-54.1	-54.0			-45.0	-41.25	3.8
	HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss	3	8	-54.9	-56.3	-53.6		-42.2	-41.25	1.0
	HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss	4	9	-57.4	-57.7	-56.8	-55.7	-41.8	-41.25	0.6
	HT/VHT40 Beam Forming, M16 to M23, M0 to M9 3ss	3	6	-54.1	-54.0	-53.0		-42.9	-41.25	1.6
	HT/VHT40 Beam Forming, M16 to M23, M0 to M9 3ss	4	7	-54.9	-56.3	-53.6	-54.1	-41.4	-41.25	0.1
	VHT40 Beam Forming, M0 to M9 4ss	4	6	-54.1	-54.0	-53.0	-52.8	-41.4	-41.25	0.2
	HT/VHT40 STBC, M0 to M7	2	6	-54.1	-54.0			-45.0	-41.25	3.8
	HT/VHT40 STBC, M0 to M7	3	6	-54.1	-54.0	-53.0		-42.9	-41.25	1.6
	HT/VHT40 STBC, M0 to M7	4	6	-54.1	-54.0	-53.0	-52.8	-41.4	-41.25	0.2
										-
	Non HT80 Duplicate, 6 to 54 Mbps	1	6	-51.9			-	-45.9	-41.25	4.7
	Non HT80 Duplicate, 6 to 54 Mbps	2	6	-51.9	-50.2			-42.0	-41.25	0.7
	Non HT80 Duplicate, 6 to 54 Mbps	3	6	-52.8	-51.9	-51.5		-41.3	-41.25	0.05
	Non HT80 Duplicate, 6 to 54 Mbps	4	6	-54.4	-54.6	-53.6	-52.5	-41.7	-41.25	0.4
	VHT80, M0 to M9 1ss	1	6	-52.8				-46.8	-41.25	5.6
~	VHT80, M0 to M9 1ss	2	6	-52.8	-50.7			-42.6	-41.25	1.4
5210	VHT80, M0 to M9 1ss	3	6	-54.1	-54.4	-53.3		-43.1	-41.25	1.9
Ŋ	VHT80, M0 to M9 1ss	4	6	-54.1	-54.4	-53.3	-54.1	-41.9	-41.25	0.7
	VHT80, M0 to M9 2ss	2	6	-52.8	-50.7			-42.6	-41.25	1.4
	VHT80, M0 to M9 2ss	3	6	-54.1	-54.4	-53.3		-43.1	-41.25	1.9
	VHT80, M0 to M9 2ss	4	6	-54.1	-54.4	-53.3	-54.1	-41.9	-41.25	0.7
	VHT80, M0 to M9 3ss	3	6	-54.1	-54.4	-53.3		-43.1	-41.25	1.9
	VHT80, M0 to M9 3ss	4	6	-54.1	-54.4	-53.3	-54.1	-41.9	-41.25	0.7
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VHT80, M0 to M9 4ss	4	6	-54.1	-54.4	-53.3	-54.1	-41.9	-41.25	0.7
VHT80 Beam Forming, M0 to M9 1ss	2	9	-54.1	-54.4			-42.2	-41.25	1.0
VHT80 Beam Forming, M0 to M9 1ss	3	11	-57.4	-56.5	-56.8		-41.3	-41.25	0.1
VHT80 Beam Forming, M0 to M9 1ss	4	12	-60.0	-59.6	-59.4	-58.3	-41.3	-41.25	0.05
VHT80 Beam Forming, M0 to M9 2ss	2	6	-52.8	-50.7			-42.6	-41.25	1.4
VHT80 Beam Forming, M0 to M9 2ss	3	8	-54.1	-54.4	-53.3		-41.3	-41.25	0.1
VHT80 Beam Forming, M0 to M9 2ss	4	9	-57.4	-56.5	-56.8	-55.9	-41.6	-41.25	0.3
VHT80 Beam Forming, M0 to M9 3ss	3	6	-54.1	-54.4	-53.3		-43.1	-41.25	1.9
VHT80 Beam Forming, M0 to M9 3ss	4	7	-56.1	-55.2	-55.4	-54.9	-42.2	-41.25	0.9
VHT80 Beam Forming, M0 to M9 4ss	4	6	-54.1	-54.4	-53.3	-54.1	-41.9	-41.25	0.7
VHT80 STBC, M0 to M9 2ss	2	6	-52.8	-50.7			-42.6	-41.25	1.4
VHT80 STBC, M0 to M9 2ss	3	6	-54.1	-54.4	-53.3		-43.1	-41.25	1.9
VHT80 STBC, M0 to M9 2ss	4	6	-54.1	-54.4	-53.3	-54.1	-41.9	-41.25	0.7

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Conducted Bandedge-Peak

-	Conducti		Janao		an					
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)
	6 to 54 Mbps	1	6	-33.4				-27.4	-21.25	6.2
	6 to 54 Mbps	2	6	-33.4	-44.5			-27.1	-21.25	5.8
	6 to 54 Mbps	3	6	-33.4	-44.5	-39.6		-26.2	-21.25	5.0
	6 to 54 Mbps	4	6	-33.4	-44.5	-39.6	-44.0	-25.9	-21.25	4.7
	6 to 54 Mbps Beam Forming	2	9	-33.4	-44.5			-24.1	-21.25	2.8
	6 to 54 Mbps Beam Forming	3	11	-47.0	-45.5	-46.0		-30.6	-21.25	9.3
	6 to 54 Mbps Beam Forming	4	12	-47.3	-48.1	-37.6	-48.3	-24.5	-21.25	3.3
	HT/VHT20, M0 to M7, M0 to M9 1ss	1	6	-49.0				-43.0	-21.25	21.8
	HT/VHT20, M0 to M7, M0 to M9 1ss	2	6	-49.0	-40.3			-33.8	-21.25	12.5
	HT/VHT20, M0 to M7, M0 to M9 1ss	3	6	-49.0	-40.3	-39.4		-30.6	-21.25	9.3
	HT/VHT20, M0 to M7, M0 to M9 1ss	4	6	-49.0	-40.3	-39.4	-46.0	-30.1	-21.25	8.8
	HT/VHT20, M8 to M15, M0 to M9 2ss	2	6	-49.0	-40.3			-33.8	-21.25	12.5
	HT/VHT20, M8 to M15, M0 to M9 2ss	3	6	-49.0	-40.3	-39.4		-30.6	-21.25	9.3
0	HT/VHT20, M8 to M15, M0 to M9 2ss	4	6	-49.0	-40.3	-39.4	-46.0	-30.1	-21.25	8.8
5180	HT/VHT20, M16 to M23, M0 to M9 3ss	3	6	-49.0	-40.3	-39.4		-30.6	-21.25	9.3
L7)	HT/VHT20, M16 to M23, M0 to M9 3ss	4	6	-49.0	-40.3	-39.4	-46.0	-30.1	-21.25	8.8
	VHT20, M0 to M9 4ss	4	6	-49.0	-40.3	-39.4	-46.0	-30.1	-21.25	8.8
	HT/VHT20 Beam Forming, M0 to M7, M0 to M9 1ss	2	9	-49.0	-40.3			-30.8	-21.25	9.5
	HT/VHT20 Beam Forming, M0 to M7, M0 to M9 1ss	3	11	-46.1	-49.5	-48.9		-32.3	-21.25	11.1
	HT/VHT20 Beam Forming, M0 to M7, M0 to M9 1ss	4	12	-48.2	-46.3	-45.7	-48.2	-28.9	-21.25	7.7
	HT/VHT20 Beam Forming, M8 to M15, M0 to M9 2ss	2	6	-49.0	-40.3			-33.8	-21.25	12.5
	HT/VHT20 Beam Forming, M8 to M15, M0 to M9 2ss	3	8	-49.0	-40.3	-39.4		-28.8	-21.25	7.5
	HT/VHT20 Beam Forming, M8 to M15, M0 to M9 2ss	4	9	-48.3	-46.4	-44.5	-44.7	-30.7	-21.25	9.5
	HT/VHT20 Beam Forming, M16 to M23, M0 to M9 3ss	3	6	-49.0	-40.3	-39.4		-30.6	-21.25	9.3
	HT/VHT20 Beam Forming, M16 to M23, M0 to M9 3ss	4	7	-49.0	-40.3	-39.4	-46.0	-28.9	-21.25	7.6
	VHT20 Beam Forming, M0 to M9 4ss	4	6	-49.0	-40.3	-39.4	-46.0	-30.1	-21.25	8.8
	HT/VHT20 STBC, M0 to M7	2	6	-49.0	-40.3			-33.8	-21.25	12.5
	HT/VHT20 STBC, M0 to M7	3	6	-49.0	-40.3	-39.4		-30.6	-21.25	9.3
	HT/VHT20 STBC, M0 to M7	4	6	-49.0	-40.3	-39.4	-46.0	-30.1	-21.25	8.8

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	Non HT40 Duplicate, 6 to 54 Mbps	1	6	-33.6				-27.6	-21.25	6.4
	Non HT40 Duplicate, 6 to 54 Mbps	2	6	-33.6	-39.0			-26.5	-21.25	5.2
	Non HT40 Duplicate, 6 to 54 Mbps	3	6	-33.6	-39.0	-40.7		-25.9	-21.25	4.6
	Non HT40 Duplicate, 6 to 54 Mbps	4	6	-42.6	-43.8	-45.5	-45.8	-32.2	-21.25	11.0
	HT/VHT40, M0 to M7, M0 to M9 1ss	1	6	-39.5				-33.5	-21.25	12.3
	HT/VHT40, M0 to M7, M0 to M9 1ss	2	6	-39.5	-41.1			-31.2	-21.25	10.0
	HT/VHT40, M0 to M7, M0 to M9 1ss	3	6	-39.5	-41.1	-42.7		-30.1	-21.25	8.9
	HT/VHT40, M0 to M7, M0 to M9 1ss	4	6	-39.5	-41.1	-42.7	-43.1	-29.3	-21.25	8.1
	HT/VHT40, M8 to M15, M0 to M9 2ss	2	6	-39.5	-41.1			-31.2	-21.25	10.0
	HT/VHT40, M8 to M15, M0 to M9 2ss	3	6	-39.5	-41.1	-42.7		-30.1	-21.25	8.9
	HT/VHT40, M8 to M15, M0 to M9 2ss	4	6	-39.5	-41.1	-42.7	-43.1	-29.3	-21.25	8.1
	HT/VHT40, M16 to M23, M0 to M9 3ss	3	6	-39.5	-41.1	-42.7		-30.1	-21.25	8.9
5190	HT/VHT40, M16 to M23, M0 to M9 3ss	4	6	-39.5	-41.1	-42.7	-43.1	-29.3	-21.25	8.1
51	VHT40, M0 to M9 4ss	4	6	-39.5	-41.1	-42.7	-43.1	-29.3	-21.25	8.1
	HT/VHT40 Beam Forming, M0 to M7, M0 to M9 1ss	2	9	-39.5	-41.1			-28.2	-21.25	7.0
	HT/VHT40 Beam Forming, M0 to M7, M0 to M9 1ss	3	11	-48.0	-49.8	-46.4		-32.3	-21.25	11.0
	HT/VHT40 Beam Forming, M0 to M7, M0 to M9 1ss	4	12	-50.2	-50.8	-47.3	-49.2	-31.1	-21.25	9.9
	HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss	2	6	-39.5	-41.1			-31.2	-21.25	10.0
	HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss	3	8	-39.5	-46.3	-41.6		-29.1	-21.25	7.8
	HT/VHT40 Beam Forming, M8 to M15, M0 to M9 2ss	4	9	-48.0	-49.8	-46.4	-45.9	-32.3	-21.25	11.0
	HT/VHT40 Beam Forming, M16 to M23, M0 to M9 3ss	3	6	-39.5	-41.1	-42.7		-30.1	-21.25	8.9
	HT/VHT40 Beam Forming, M16 to M23, M0 to M9 3ss	4	7	-39.5	-46.3	-41.6	-42.9	-28.7	-21.25	7.5
	VHT40 Beam Forming, M0 to M9 4ss	4	6	-39.5	-41.1	-42.7	-43.1	-29.3	-21.25	8.1
	HT/VHT40 STBC, M0 to M7	2	6	-39.5	-41.1			-31.2	-21.25	10.0
	HT/VHT40 STBC, M0 to M7	3	6	-39.5	-41.1	-42.7		-30.1	-21.25	8.9
	HT/VHT40 STBC, M0 to M7	4	6	-39.5	-41.1	-42.7	-43.1	-29.3	-21.25	8.1
			-							-
	Non HT80 Duplicate, 6 to 54 Mbps	1	6	-38.6			-	-32.6	-21.25	11.4
	Non HT80 Duplicate, 6 to 54 Mbps	2	6	-38.6	-37.3			-28.9	-21.25	7.6
	Non HT80 Duplicate, 6 to 54 Mbps	3	6	-41.2	-41.4	-40.0		-30.1	-21.25	8.8
	Non HT80 Duplicate, 6 to 54 Mbps	4	6	-45.4	-40.4	-40.8	-45.2	-30.3	-21.25	9.1
	VHT80, M0 to M9 1ss	1	6	-41.8				-35.8	-21.25	14.6
~	VHT80, M0 to M9 1ss	2	6	-41.8	-36.6			-29.5	-21.25	8.2
5210	VHT80, M0 to M9 1ss	3	6	-45.1	-35.9	-39.6		-28.0	-21.25	6.8
Ю	VHT80, M0 to M9 1ss	4	6	-45.1	-35.9	-39.6	-44.0	-27.6	-21.25	6.3
	VHT80, M0 to M9 2ss	2	6	-41.8	-36.6			-29.5	-21.25	8.2
	VHT80, M0 to M9 2ss	3	6	-45.1	-35.9	-39.6		-28.0	-21.25	6.8
	VHT80, M0 to M9 2ss	4	6	-45.1	-35.9	-39.6	-44.0	-27.6	-21.25	6.3
	VHT80, M0 to M9 3ss	3	6	-45.1	-35.9	-39.6		-28.0	-21.25	6.8
	VHT80, M0 to M9 3ss	4	6	-45.1	-35.9	-39.6	-44.0	-27.6	-21.25	6.3
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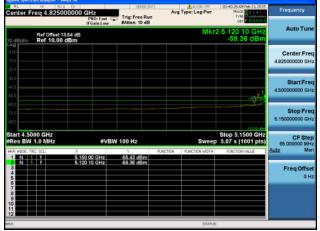
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VHT80, M0 to M9 4ss	4	6	-45.1	-35.9	-39.6	-44.0	-27.6	-21.25	6.3
VHT80 Beam Forming, M0 to M9 1ss	2	9	-45.1	-35.9			-26.4	-21.25	5.2
VHT80 Beam Forming, M0 to M9 1ss	3	11	-41.6	-43.7	-40.2		-26.0	-21.25	4.8
VHT80 Beam Forming, M0 to M9 1ss	4	12	-45.1	-44.9	-36.7	-47.5	-23.3	-21.25	2.1
VHT80 Beam Forming, M0 to M9 2ss	2	6	-41.8	-36.6			-29.5	-21.25	8.2
VHT80 Beam Forming, M0 to M9 2ss	3	8	-45.1	-35.9	-39.6		-26.2	-21.25	5.0
VHT80 Beam Forming, M0 to M9 2ss	4	9	-41.6	-43.7	-40.2	-47.2	-27.5	-21.25	6.2
VHT80 Beam Forming, M0 to M9 3ss	3	6	-45.1	-35.9	-39.6		-28.0	-21.25	6.8
VHT80 Beam Forming, M0 to M9 3ss	4	7	-41.8	-39.4	-44.2	-38.3	-27.2	-21.25	5.9
VHT80 Beam Forming, M0 to M9 4ss	4	6	-45.1	-35.9	-39.6	-44.0	-27.6	-21.25	6.3
VHT80 STBC, M0 to M9 2ss	2	6	-41.8	-36.6			-29.5	-21.25	8.2
VHT80 STBC, M0 to M9 2ss	3	6	-45.1	-35.9	-39.6		-28.0	-21.25	6.8
VHT80 STBC, M0 to M9 2ss	4	6	-45.1	-35.9	-39.6	-44.0	-27.6	-21.25	6.3

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Conducted Bandedge Average, 5180 MHz, 6 to 54 Mbps



Antenna A

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Avg Type: Log-Frequency Avg Type: Lo Freque er Freg 4.8250 PNO: Fast Trig: Free Run #Atten: 10 dB Auto Tu Auto T 5.120 10 0 -59.36 d Ref Offset 13.54 dB Ref 10.00 dBm Center Fr Center Fr Start F Start F Stop Fr Stop Fr Stop 5.1500 GH 5.07 s (1001 pt Start 4.5000 GHz #Res BW 1.0 MHz Stop 5.1500 GH 5.07 s (1001 pt CF St CF S #VBW 100 Hz 65.00 65.00 5.150 00 GHz 5.120 10 GHz -56.83 dBr -60.38 dBr Freq Offs Freq Offs

uhuhu cisco

Conducted Bandedge Average, 5180 MHz, 6 to 54 Mbps



5.150 00 GHz 5.120 10 GHz

4.82

tart 4.5000 GHz Res BW 1.0 MH

Ref Offset 13.54 dB Ref 10.00 dBm

PNO: Fast Trig: Free Run #Atten: 10 dB

#VBW 100 Hz

-55.43 dBm -59.36 dBm

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Conducted Bandedge Average, 5180 MHz, 6 to 54 Mbps



	eq 4.8250	00000 GHz	Fast C,	Trig: Free #Atten: 10	Run	Avg	Type: Log-Pw	r 19. 1	AM Feb 13, 2015 ACE 1 2 3 4 5 0 VFC P N N N N N	Frequency
0 dB/div	Ref Offset 1 Ref 10.00						M	kr2 5.120 -60) 10 GHz .38 dBm	Auto Tur
0.00 10.0 20.0										Center Fre 4.825000000 GF
30.0 40.0 50.0										Start Fre 4.500000000 GF
60.0 70.0 80.0									-12.00	Stop Fre 5.150000000 GH
Res BW	1.0 MHz	м	#VBV	V 100 Hz		CTION	SWG	ep 5.07s	.1500 GHz (1001 pts)	CF Ste 65.000000 MH Auto Ma
1 N 1 2 3 4 5 6	1	5.150.00 5.120.10	GHz GHz	-56.83 dE -60.38 dE	m			H PORCI		Freq Offs 0 F
7 9 0 1 2										
10							STA	rus		

cisco

Antenna A Antenna B

RL		R DC 1000000 GHz PNO: Fa IFGain:L	nt 😱 Trig: Free	e Run	ALIGN OFF	03:49:00.00 Feb 13, 2015 18ACE 1 2 3 4 5 7 TYPE CET P N N N N N	Frequency
10 dB/div	Ref Offset 1 Ref 10.00	3.54 dB dBm			Mkr	2 5.139 60 GHz -56.26 dBm	Auto Tun
-0g 0.00 -10.0 20.0							Center Fre 4.825000000 GH
30.0 40.0 50.0						310 4	Start Fre 4.500000000 GH
60.0 70.0 80.0							Stop Fre 5.150000000 GH
Start 4.50 Res BW	1.0 MHz	х	VBW 100 Hz	PUNCTION	SWeep FUNCTION WIDTH	Stop 5.1500 GHz 5.07 s (1001 pts) FUNCTION VALUE	CF Ste 65.000000 MH Auto Ma
1 N 1 2 N 1 3 4 5 6 7	r r	5,150,00 GH 5,139,60 GH	z -54.87 dE z -56.26 dE	3m 3m			Freq Offse 0 H
8 9 10 11 12							
80					STATUS	6	

Antenna C

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Conducted Bandedge Average, 5180 MHz, 6 to 54 Mbps



Center F	req 4.8250	00000 GHz PNO: Fast	Trig: Free Run #Atten: 10 dB	Avg	ALIGN OFF Type: Log-Pwr	03:44:58 AN Feb 13, 2015 TRACE 2 2 4 5 0 TYRE 2 2 4 5 0	Frequency
10 dB/div	Ref Offset 13 Ref 10.00	IFGain:Lew 3.54 dB dBm	#Atten: 10 dB		Mkr	2 5.120 10 GHz -60.38 dBm	Auto Tun
-10.0							Center Fre 4.825000000 GH
-30.0 -40.0 -50.0							Start Fre 4.500000000 GH
-70.0 -80.0							Stop Fre 5.150000000 GH
Start 4.50 #Res BW	1.0 MHz	#VI	3W 100 Hz		Sweep	Stop 5.1500 GHz 5.07 s (1001 pts)	CF Ste 65.000000 MH
NKR MODE T	RC SCL	× 5.150 00 GHz 5.120 10 GHz	-56.83 dBm -60.38 dBm	RUNCTION	FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma
3 4 5 6 7 8 9 10 11							Freq Offs 0 F
190					STATUS		

cisco





		00000 GHz PNO: Fast IFGain:Lev	Trig: Free Run #Atten: 10 dB	Ave	A A JON OFF Type: Log-Pwr	03:53:16.4M Feb 13, 2015 TRACE 1 2 3 4 9 0 TYPE TO A 10 0 DET P NNNNN	Frequency
dB/div	Ref Offset 1 Ref 10.00	3.54 dB dBm			Mkr	2 5.136 35 GHz -56.56 dBm	Auto Tun
							Center Fre 4.825000000 GH
							Start Fre 4.500000000 GH
					^	1500 00	Stop Fre 5.150000000 GH
	1.0 MHz	#V	BW 100 Hz			Stop 5.1500 GHz 5.07 s (1001 pts)	CF Ste 65.000000 MH Auto Ma
IP(MODE TF 1 N 1 2 N 1 3 - - 6 - - 7 - - 8 - - 9 - - 1 - - 2 - -	f	× 5.150 00 GHz 5.136 35 GHz	Υ -55.58 dBm -56.56 dBm	RUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Freq Offse 0 H

Antenna C Antenna D

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Auto T

Start F

Stop Fr

Avg Type: Log-P Frequency Avg Type: L Frequer 4.82 PNO: Fast Trig: Free Run Trig: Free Run Auto Tu 5.120 10 C -59.36 d Ref Offset 13.54 dB Ref 10.00 dBm Ref Offset 13.54 dB Ref 10.00 dBm Center Fr Center Fr Start F Stop Fr Stop 5.1500 GH 5.07 s (1001 pt Start 4.5000 GHz #Res BW 1.0 MHz Stop 5.1500 GH 5.07 s (1001 pt CF St tart 4.5000 GHz Res BW 1.0 MH CF St #VBW 100 Hz #VBW 100 Hz 65.00 5.150 00 GHz 5.120 10 GHz -55.43 dBm -59.36 dBm 5.150 00 GHz 5.120 10 GHz -56.83 dBr -60.38 dBr Freq Offs Freq Offs

Conducted Bandedge Average, 5180 MHz, 6 to 54 Mbps Beam Forming



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Conducted Bandedge Average, 5180 MHz, 6 to 54 Mbps Beam Forming



RF 50.9 DC		SENSE: INT		ALIGN OFF	04:19:35.AM Feb 13, 2015	
ter Freq 4.825000000	GHz PNO: Fast	Trig: Free Run	Avg	Type: Log-Pwr	TRACE 1 2 3 4 5 TVPE NUMBER	Frequency
Ref Offset 13.54 dB	IFGain:Low	#Atten: 4 dB		Mkr	2 5.120 10 GHz -61.63 dBm	Auto Tur
						Center Fre 4.825000000 GF
					\$ ²¹	Start Fre 4.50000000 GF
					-150.00 dBm	Stop Fre 5.15000000 GH
t 4.5000 GHz s BW 1.0 MHz	#VBN	100 Hz		Sweep	Stop 5.1500 GHz 5.07 s (1001 pts	CF Ste 65.000000 MH
ODE TRC SCL X	50 00 GHz	√-59,14 dBm	RUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
N 1 7 5.1;	20 10 GHz	-61.63 dBm				Freq Offs 0 F
					STADUS	





Antenna C

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Conducted Bandedge Average, 5180 MHz, 6 to 54 Mbps Beam Forming





RL Center F	reg 4.825		GHz	SENSE:	Ava	Type: Log-Pwr	TRAC	M Feb 13, 2015	Frequency
			PNO: Fast (IFGain:Low	 Trig: Free Ru #Atten: 4 dB 	n		TY		
10 dB/div	Ref Offset Ref 0.00	t 13.54 dB I dBm				Mkr	2 5.138 -60.	95 GHz 88 dBm	Auto Tun
-0g -10.0 -20.0									Center Fre 4.825000000 GF
40.0 50.0 50.0									Start Fre 4.50000000 GF
70.0 80.0 90.0							1		Stop Fre 5.150000000 GH
Start 4.50 Res BW	00 GHz 1.0 MHz		#VB	W 100 Hz		Sweep	Stop 5. 5.07 s (1500 GHz 1001 pts)	CF Ste 65.000000 MH
	1	× 5.15	0 00 GHz	∨ -59.38 dBm	PUNCTION	FUNCTION WIDTH	FUNCTIO	N VALUE	Auto Ma
2 N 3 4 5	· ·	5.13	8 95 GHz	-60.88 dBm					Freq Offs 0 H
6 7 8 9									
10 11 12									
198						STATUS			

N RL		RF	lyzer - Swi 1909 1.82500		Hz PNO: Fast		PARE: INT	Avg 1		ign off og-Pwr	195. T	AM Feb 13, 2015 ACE 12, 204 5 4 YPE	Frequency
10 dB/d	fiv	Ref (Offset 13 0.00 dl	.54 dB	FGain:Low	#Atten: 2				Mkr	2 5.135	70 GHz .89 dBm	Auto Tune
-10.0 -20.0 -30.0													Center Freq 4.825000000 GHz
-40.0 -50.0 -60.0													Start Freq 4.50000000 GHz
-70.0 -80.0 -90.0												-150.00 dBm	Stop Freq 5.15000000 GHz
Start 4 #Res I	BW	1.0 N			#VB	W 100 Hz				Sweep	5.07 s	.1500 GHz (1001 pts)	CF Step 66.000000 MHz Auto Man
MCR MOD 1 N 2 N 3 4 5 6 7 8 9 10 11 12	1			× 5.150 5.135	00 GHz 70 GHz	Y -58.82 d -58.89 d	Bm	NCTION	RUNCTI	3N WIDTH	FUNCT	IDN VALUE	Freq Offset 0 Hz
#90										STATUS	ŀ		

Antenna C Antenna D

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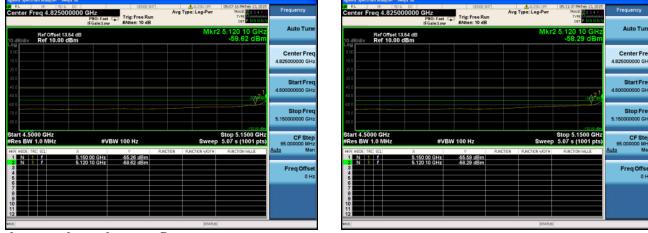




Antenna A

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RL Center F	req 4.8250	000000	GHz	SE Trig: Free		Avg	ALIGN OFF Type: Log-Pwr	15,4	PM Feb 13, 2015	Frequency
0 dB/div	Ref Offset Ref 10.00	13.54 dB	PNO: Fast IFGain:Low	#Atten: 10			Mkr	2 5.120	10 GHz 29 dBm	Auto Tun
0.00 10.0 20.0										Center Fre 4.825000000 GH
30.0 40.0 50.0										Start Fre 4.500000000 GH
60.0 70.0 80.0									-150.00 (00)	Stop Fre 5.150000000 GH
tart 4.50 Res BW	1.0 MHz		#VB	W 100 Hz			Sweep	5.07 s	1500 GHz (1001 pts)	CF Ste 65.000000 MH
4 R MODE TR 1 N 1 2 N 1 3 4 5	RC SCL	× 5.150 5.120	0 00 GHz 0 10 GHz	Y -55.59 dE -58.29 dE	3m	ICTION	FUNCTION WIDTH	FUNCTI	ON VALUE	Auto Ma Freq Offse 0 H
6 7 8 9 10										
12							STATUS			

Antenna A Antenna B

Center Fr		00000 GHz PNO: Fast C IFGain:Lew	Trig: Free Run	Avg Ty	ALIGN OFF pe: Log-Pwr	05:15:39 PMPeb 13, 20 TRACE 2 2 4 TVRE DET P SIN N	Frequency
0 dB/div	Ref Offset 1 Ref 10.00	3.54 dB			Mkr	2 5.120 10 GF -57.81 dB	Z Auto Tun
0.00 10.0 20.0							Center Fre 4.825000000 GH
30.0 40.0 50.0						-02	Start Fre 4.500000000 GH
60.0 70.0 80.0						450.004	Stop Fre 5.150000000 GH
Res BW	1.0 MHz	×	W 100 Hz	FUNCTION R	Sweep	Stop 5.1500 GH 5.07 s (1001 pt FUNCTION VALUE	
	* *	5.150 00 GHz 5.120 10 GHz	-54.70 dBm -57.81 dBm				Freq Offse 0 ⊢
7 8 9 10							
80					STATUS		

Antenna C

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enter F		5000000 GH2	2 D: Fast C,	Trig: Free R #Atten: 10 d	Av	ALIGN OFF g Type: Log-Pwr	05:11:37 PMFeb 13, 2015 TRACE 1 2 3 4 9 6 TYPE DET P NIN NIN	Frequency
10 dB/div	Ref Offse Ref 10.	t 13.54 dB	in the second			Mkr	2 5.120 10 GHz -58.29 dBm	Auto Tun
0.00 10.0								Center Fre 4.825000000 GH
30.0 40.0 50.0								Start Fre 4.500000000 GH
60.0 70.0 80.0							-153.00 00-	Stop Fre 5.150000000 GH
itart 4.50 Res BW	00 GHz 1.0 MHz		#VB\	V 100 Hz		Swee	Stop 5.1500 GHz 5.07 s (1001 pts)	CF Ste 65.000000 MH
KR MODE T	RC SCL	× 5.150 00	GHz	7 -55.59 dBm	PUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
2 N 1 3 4 5	1	5.120 10	GHZ	-58.29 dBm				Freq Offs 0 H
6 7 8 9								
11 12						STATU		



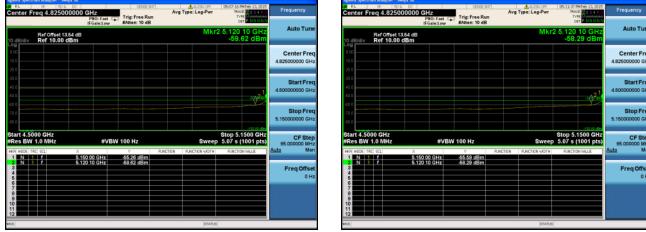
RL Contor F	reg 4.825		- U-	SENSE:31		Type: Log-Pwr	05:15:39 P	MFeb 13, 2015	Frequency
Jonner P	164 4.025		PNO: Fast C	Trig: Free Run	1		TVE		
10 dB/div	Ref Offset Ref 10.0	13.54 dB				Mkr	2 5.120 -57.	10 GHz 81 dBm	Auto Tun
- 0 g 0.00 - 10.0 - 20.0									Center Fre 4.825000000 GH
30.0 40.0 50.0								-0 ²¹	Start Fre 4.500000000 GH
60.0 -70.0 -80.0								.152.00 (0)	Stop Fre 5.150000000 GH
Start 4.50 #Res BW			#VB	W 100 Hz		Sweep	Stop 5.1 5.07 s (1500 GHz 1001 pts)	CF Ste 65.000000 MH
	f	× 5.160	00 GHz	7 -54.70 dBm	PUNCTION	FUNCTION WIDTH	FUNCTIO	IN VALUE	Auto Ma
2 N 1 3 4 5		5.120	10 GHz	-57.81 dBm					Freq Offs 0 H
6 7 8 9									
10 11 12									
190						STATUS	l.		

RL	um Analyzer - Swept ☞ 900 req 4.825000	DC	Trig: Free Run #Atten: 10 dB	Avg Type: Log-Pwr	(0:19:45 PMPeb 13, 2015 TRACE 1 2 3:4 5 0 TYPE Det P 10:00000	Frequency
10 dB/div	Ref Offset 13.5 Ref 10.00 dE	4 dB 3m		Mkr	2 5.135 70 GHz -56.33 dBm	Auto Tune
10.00						Center Freq 4.825000000 GHz
-30.0 -40.0 -50.0						Start Freq 4.50000000 GHz
40.0 -70.0 40.0					-1200 db	Stop Freq 5.15000000 GHz
Start 4.50 #Res BW	1.0 MHz	#VB	W 100 Hz	Sweep	Stop 5.1500 GHz 5.07 s (1001 pts)	CF Step 65.000000 MHz Auto Man
MOR MOLE IN 1 N 1 2 N 1 3 4 5 5 6 5 7 7 8 9 9 9 10 11 12	f	× 5.150.00 GHz 5.13570 GHz	Y 54.93 dBm -56.33 dBm	UNCTION PUNCTION WIDTH	FUNCTION VALUE	Freq Offset 0 Hz
180				STATUS		

Antenna C Antenna D

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Antenna A Antenna B

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RL RF	50 9 DC		SENSE: P		ALIGN OFF	05:11:37 PMFeb 13, 2015	Frequency
Center Freq 4	1.825000000	PNO: Fast	Trig: Free Ru	Avş	Type: Log-Pwr	TYACE 1 2 3 4 5 0 TYPE DOWNWARK	requeriey
		IFGain:Low	#Atten: 10 dB			DET PINNNN	Auto Tun
0 dB/div Re	Offset 13.54 dB 10.00 dBm				Mkr	2 5.120 10 GHz -58.29 dBm	Autorun
0.00							Center Fre
10.0							4.825000000 GH
20.0							
30.0							Start Fre
40.0						-1	4.50000000 GH
50.0							
60.0 70.0							Stop Fre
80.0							5.15000000 GH
						-150.00 dBe	
tart 4.5000 G Res BW 1.0 M		#VB	W 100 Hz		Sweep	Stop 5.1500 GHz 5.07 s (1001 pts)	CF Ste 65.000000 MH
KR MODE TRC SCL	×		Y	PUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
1 N 1 7 2 N 1 7	5.1	50 00 GHz 20 10 GHz	-55.59 dBm -58.29 dBm				
3							Freq Offse
5							0 H
7							
9							
10							
12							
30					STATUS		

Antenna A Antenna B

Center F		DO00000 GHz PNO: Fast IFGain:Low	Trig: Free Run	Avg Type: Log-Pwr	05:15:39 PMFeb 13, 2015 TMACE 1 2 3 4 9 0 TVFE P NIN N N	Frequency
0 dB/div	Ref Offset Ref 10.00	13.54 dB		Mkr	2 5.120 10 GHz -57.81 dBm	Auto Tun
- 0 g 0.00 - 10.0 20.0						Center Fre 4.825000000 GH
30.0 40.0 50.0					2 ¹	Start Fre 4.500000000 GH
60.0 70.0 80.0					-12.00	Stop Fre 5.150000000 GH
Start 4.50 Res BW	1.0 MHz		W 100 Hz		Stop 5.1500 GHz 5.07 s (1001 pts)	CF Ste 65.000000 MH Auto Ma
2 N 1 3 4 5 5 7 8 9		× 5.150 00 GHz 5.120 10 GHz	γ -54.70 dBm -57.61 dBm	RUNCTION PUNCTION WIDTH	PUNCTION VALUE	Freq Offse 0 F
10						

Antenna C

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RL Center F		00000 GHz PNO: Fast	Trig: Free Run #Atten: 10 dB	Avg	A 4.30N OFF	05:11:37 PNPeb 12, 2015 TRACE 1 2 3 4 5 0 TVPE	Frequency
0 dB/div	Ref Offset 1 Ref 10.00		#Atten: 10 dB		Mkr	2 5.120 10 GHz -58.29 dBm	Auto Tur
0.00 10.0 20.0							Center Fre 4.825000000 GF
30.0 40.0 50.0							Start Fre 4.50000000 Gi
60.0 70.0 80.0						-150.00 -	Stop Fre 5.15000000 Gi
tart 4.50 Res BW	000 GHz 1.0 MHz	#VI	BW 100 Hz		Sweep	Stop 5.1500 GHz 5.07 s (1001 pts)	CF Ste 65.000000 Mi
NR MODE T	RC SCL	× 5.150 00 GHz	۲ -55.59 dBm	RUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto M
2 N 7 3 4 5		5.120 10 GHz	-56.29 dBm				Freq Offs 01
6 7 8 9							
12					STATUS		



PHO: Fart C IFGain:Low	Trig: Free Run #Atten: 10 dB		Mkr	2 5.120 1	0 GHz 1 dBm	Auto Tur Center Fre
						4.02000000 GP
					2 ¹	Start Fre 4.50000000 GF
					-150.00 cfm	Stop Fre 5.150000000 GF
#VB	W 100 Hz			Stop 5.15 5.07 s (10	001 pts)	CF Ste 65.000000 MH
× 5.150 00 GHz 5.120 10 GHz	√ -54.70 dBm -57.81 dBm	PUNCTION	FUNCTION WIDTH	FUNCTION	VALUE	Auto Ma Freg Offs
						01
				STATUS	STATUS	(1409

ilent Spectrum Analyzer - Swept SA RL RF 50.0 DC		SENSE : NT	ALIGN OFF	05:19:45 PMFeb 13, 2015	
enter Freq 4.825000000	PNO: East	Trig: Free Run Atten: 10 dB	Avg Type: Log-Pwr	TRACE 2 2 4 5 0 TYPE DET P NINIMAN	Frequency
Ref Offset 13.54 dB			Mk	2 5.135 70 GHz -56.33 dBm	Auto Tune
00 00 00 00 00					Center Freq 4.825000000 GHz
					Start Freq 4.500000000 GHz
				12.0 00	Stop Freq 5.150000000 GHz
tart 4.5000 GHz Res BW 1.0 MHz	#VBW 1		Swee		CF Step 65.000000 MHz
N 1 7 5.15 N 1 7 5.15	0 00 GHz -	Y FUN 54.93 dBm 56.33 dBm	CTION PUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
3 4 5 6 7 8		00.30 MBH			Freq Offset 0 Hz
9					

Antenna C Antenna D

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RL Center Fi		0000000 G	PNO: Fast	Trig: Free	Run	Avg	ALIGN OFF Type: Log-Pwr	TRA T	PMPeb 13, 2015	Frequer	ncy
0 dB/div	Ref Offse Ref 10.0	13.54 dB	Gain:Low	#Atten: 10	dB		Mkr	2 5.120	10 GHz 29 dBm	Auto	Tun
000 100 100 200										Cente 4.8250000	
30.0 40.0 50.0									-0 ²¹	Star 4.5000000	tFree 00 GH
50.0									150.00 (00)	Stop 5.1500000	p Fre 00 GH
tart 4.50 Res BW			#VB	W 100 Hz			Sweep	Stop 5. 5.07 s	.1500 GHz (1001 pts)	65.0000	F Ste 00 MH
KR MODE TR	IC SCL	× 5.150 (00 GHz 10 GHz	7 -55.59 dE -58.29 dE	m	ICTION	FUNCTION WIDTH	FUNCTI	ON VALUE	Auto	Ma
3456789		0.120								Freq	Offse 0 H
1											



Center Fi		R DC 1000000 GHz PN0: Fast IFGain:Low	Trig: Free Run #Atten: 10 dB	Avg Type: Log-Pwr	05:15:39 PMPeb 13, 2015 TRACE 1 2 3 4 5 0 TYPE DV000000 Det P NIN N N	Frequency
0 dB/div	Ref Offset 1 Ref 10.00			Mk	r2 5.120 10 GHz -57.81 dBm	Auto Tun
0.00 10.0 20.0						Center Fre 4.825000000 GH
30.0 40.0 50.0					2 ¹	Start Fre 4.500000000 GH
60.0 70.0 80.0					12.00 db	Stop Fre 5.150000000 GH
Start 4.50 Res BW	1.0 MHz	#VB	W 100 Hz		Stop 5.1500 GHz p 5.07 s (1001 pts)	CF Ste 65.000000 MH Auto Ma
1 N 1	f f	5.150 00 GHz 5.120 10 GHz	-54,70 dBm -57.81 dBm	CALIFOR PORCHON WIDTH	PONCHON VIEWE	Freq Offse 0 ⊢
8 9 10						

Antenna C

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RL Center F	rea 4.8	50 9 DC 25000000	GHz	SENSE: P	Avg	Type: Log-Pwr	05:11:37 PMFeb 13, 2015 TRACE 1 2 3 4 5 0	Frequency
			PNO: Fast IFGain:Low	Trig: Free Run #Atten: 10 dB	1		TYPE DET PINNENIN	Auto Tur
0 dB/div	Ref Off Ref 10	set 13.54 dB 0.00 dBm				Mkr	2 5.120 10 GHz -58.29 dBm	
0.00								Center Fre
10.0								4.825000000 GF
30.0								
10.0								Start Fr 4.50000000 G
50.0								
70.0								Stop Fr
80.0								5.15000000 G
tart 4.5 Res BW			#VE	W 100 Hz		Sweet	Stop 5.1500 GHz 5.07 s (1001 pts)	CF Ste
KRI MODEL T		×		Y	PUNCTION	FUNCTION WIDTH	FUNCTION VALUE	65.000000 MI Auto M
2 N		5.1 5.1	50 00 GHz 20 10 GHz	-55.59 dBm -58.29 dBm				
3								Freq Offs
6								
8								
10								
12								
68						STATU	5	



RL Center F	reg 4.825	000000 C	SHz	SENSE: P	Ave	Type: Log-Pwr		Frequency
			PNO: Fast C IFGain:Low	Trig: Free Run #Atten: 10 dB			DET P N	
10 dB/div	Ref Offset Ref 10.0	13.54 dB 0 dBm				Mkr	2 5.120 10 G -57.81 d	
0.00 10.0								Center Fre 4.825000000 GH
-20.0								Start Fre
40.0 50.0								4.50000000 GH
60.0 -70.0 -80.0								Stop Fre 5,15000000 GH
Start 4.50 #Res BW	1.0 MHz	X	#VB	W 100 Hz	PUNCTION	Sweep RUNCTION WIDTH	Stop 5.1500 5.07 s (1001	GHz CF Ste pts) 65.000000 MH
	1	5,150	100 GHz 10 GHz	-54.70 dBm -57.81 dBm	PONCTION	PORCHORWOTH	PONCTION GALDE	Freq Offs
6 7 8 9								
10 11 12								
198						STATUS		

	rum Analyzer - S	ivrept SA						
Center F	req 4.8250		SHZ PNO: Fast G	Trig: Free Ru #Atten: 10 dB	Avg	Auton off Type: Log-Pwr	05:19:45 PMPeb 12, 2015 TRACE 1 2 2 4 4 5 TYPE Det P NNNN	Frequency
10 dB/div	Ref Offset Ref 10.00	13.54 dB 0 dBm				Mkr	2 5.135 70 GHz -56.33 dBm	Auto Tune
10.00 -10.0								Center Freq 4.825000000 GHz
-30.0 -40.0 -50.0							aras (<mark>1</mark>	Start Freq 4.500000000 GHz
-70.0 -80.0							1200	Stop Freq 5.15000000 GHz
Start 4.50 #Res BW	1.0 MHz		#VBV	V 100 Hz		'	Stop 5.1500 GHz 5.07 s (1001 pts)	CF Step 65.000000 MHz Auto Man
HKR MODE T 1 N 1 2 N 7 3 4 5 5 7 8 9 9 10 11 12		× 5.15(5.13	0 00 GHz 5 70 GHz	Y -54.93 dBm -56.33 dBm	RINCTION	PUNCTION WIDTH	FUNCTION WELLE	Freq Offset 0 Hz
MBO						STATUS	1	

Antenna C Antenna D

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Agene Systems Analyze: Sweet SA Under tyri Auto-ce Under tyri Auto-ce Under tyri Auto-ce Under tyri Auto-ce Frequency Center Freq 4.825000000 GHz Frequency Center Freq 4.825000000 GHz Trig: Free Run Auto-ce Under tyri Auto-ce Frequency Center Freq 4.825000000 GHz Auto-tyri Center Freq 4.82500000 GHz Auto-tyri Center Freq 4.82500000 GHz Center Freq 4.82500000 GHz Center Freq 4.82500000 GHz Start Freq 4.800 GHz Start Fr

	um Analyzer - S							
RL	RF 50			SENSE I	(T)	Type: Log-Pwr	05:11:37 PMFeb 13, 2015	Frequency
enter F	req 4.8250		PNO: Fast C IFGain:Low	Trig: Free Run #Atten: 10 dB	n Avi	g Type: Log-Pwr	TYPE DET PINNINN	
dB/div	Ref Offset 1 Ref 10.00					Mkr	2 5.120 10 GHz -58.29 dBm	Auto Tun
								Center Fre 4.825000000 GH
							-() ²¹	Start Fre 4.500000000 GH
							-152.02.05	Stop Fre 5.15000000 GH
tart 4.50 Res BW	00 GHz 1.0 MHz		#VB	W 100 Hz		Sweep	Stop 5.1500 GHz 5.07 s (1001 pts)	CF Ste 65.000000 MH
R MODE TR	ſ	× 5.150	00 GHz	-55.59 dBm	RUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
2 N 1 3 4		5.12	110 GHz	-58.29 dBm				Freq Offse 0 H
6 7 8 9								
1								
3						STATUS		

Conducted Bandedge Average, 5180 MHz, VHT20, M0 to M9 4ss

Freq Off



5.150 00 GHz 5.120 10 GHz -55.26 dBm -59.62 dBm

	req 4.8250		at 😱 Trig:P	ree Run : 10 dB	Avg Ty	ALIGN OFF pe: Log-Pwr	05:25:39 PM TRACE TVR DE	123456	Frequency
0 dB/div	Ref Offset 1 Ref 10.00	3.54 dB				Mkr	2 5.120 -57.8	10 GHz 31 dBm	Auto Tun
0.00									Center Fre
20.0									4.825000000 GH
30.0									Start Fre
40.0 50.0								1	4.50000000 GH
50.0								- لا	Stop Fre
70.0 80.0									5.150000000 GH
Res BW	000 GHz / 1.0 MHz	*	VBW 100 H				Stop 5.1 5.07 s (1	1001 pts)	CF Ste 65.000000 MH
	TRC SEL	× 5.150 00 GH 5.120 10 GH		dBm	NCTION P	UNCTION WIDTH	FUNCTION	NVALUE	Auto Ma
3 4 5		5.120 10 GH	2 5/.81	dism					Freq Offs 0 H
6 7 8									
9									
12									
80						STATUS	1		

CM RL	m Analyzer - Swept ⊯ 50 9 reg 4.825000	∞ 000 GHz	SENSE:1	Avg Type	ALICAL OFF e: Log-Pwr	05:19:45 PMFeb 13, 2015	Frequency
10 dB/div	Ref Offset 13.5 Ref 10.00 dE	PNO: Fast IFGain:Low 4 dB	#Atten: 10 dB		Mkr	2 5.135 70 GHz -56.33 dBm	Auto Tune
-10.0							Center Freq 4.825000000 GHz
-30.0 -40.0 -50.0						ar set spin	Start Freq 4.50000000 GHz
-70.0							Stop Freq 5.15000000 GHz
Start 4.50 #Res BW	1.0 MHz	Х	BW 100 Hz	PUNCTION PU	Sweep	Stop 5.1500 GHz 5.07 s (1001 pts) FUNCTION VALUE	CF Step 65.000000 MHz Auto Man
		5.150 00 GHz 5.135 70 GHz	54,93 dBm -56.33 dBm				Freq Offset 0 Hz
M80					STATUS		

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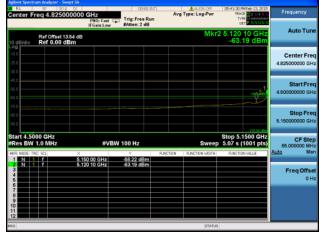




Antenna A Antenna B

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RL Center F		000000 GH	Z IO: Fast C ain:Lew		Run	Avg	Type: Log-Pwr	TRA T	PM Feb 13, 2015 CE 1 2 3 4 9 0 FE P N N N N N	Frequency
0 dB/div	Ref Offset 1 Ref 0.00	13.54 dB	am:Low	arcavent. •	40		Mkr	2 5.120 -61	10 GHz 68 dBm	Auto Tun
10.0 20.0 30.0										Center Fre 4.825000000 GH
40.0 50.0 60.0										Start Fre 4.500000000 GH
70.0 80.0 90.0									450.00 dbs	Stop Fre 5.150000000 GH
tart 4.50 Res BW			#VB	W 100 Hz			Sweep	Stop 5. 5.07 s	1500 GHz (1001 pts)	CF Ste 65.000000 MH
4 4 5	RC SCL F F	× 5.150.00 5.120.10) GHz) GHz	Y -58,63 di -51,68 di	3m	NCTION	FUNCTION WIDTH	PUNCTI	DN WALUE	<u>Auto</u> Ma FreqOffse 0⊢
6 7 8 9 10										
12							STATUS	3		

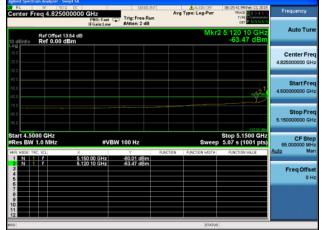
Antenna A Antenna B

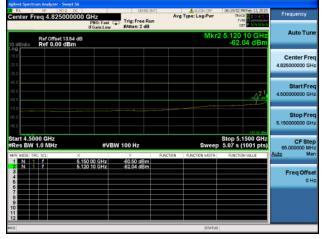
	eq 4.82500		Trig: Free Run #Atten: 2 dB	Avg	Auton off Type: Log-Pwr	05:50:01 PMFeb TRACE TYPE DET		Frequency
0 dB/div	Ref Offset 13. Ref 0.00 dE				Mkr2 5.140 25 GH; -59.89 dBr			Auto Tun
10.0 20.0 30.0								Center Fre 4.825000000 GH
40.0 50.0 50.0								Start Fre 4.50000000 GH
70.0							58.58 dbr	Stop Fre 5.15000000 GH
Res BW 1	1.0 MHz	×	W 100 Hz	PUNCTION	SW201	Stop 5.150 5.07 s (100 FUNCTION VAL	1 pts)	CF Ste 65.000000 MH Auto Ma
1 N 1 2 N 1 3 4 5 6		5.150 00 GHz 5.140 25 GHz	-57.70 dBm -59.89 dBm					Freq Offse 0 ⊦
7 9 10 11								
10					STATUS			

Antenna C

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Antenna A Antenna B



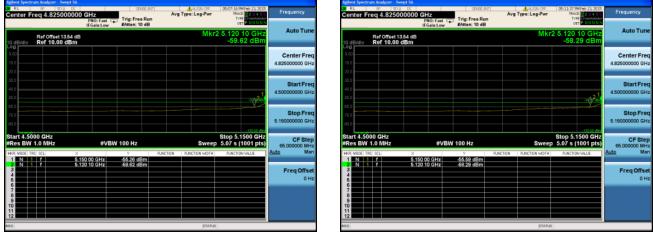
RL enter F	um Analyz ≋ req 4.8	50.9	∞ 0000 G	Hz PNO: Fast C, FGain:Lew	Trig: Free Run #Atten: 2 dB	Avg Typ	e: Log-Pwr	06:28:30 PMPeb 13, 2015 TRACE 2 2 4 5 4 TYRE Det P NNNN	Frequency
dB/div	Ref Off Ref 0.	set 13.5 .00 dBi	4 dB				Mki	2 5.135 70 GHz -58.90 dBm	Auto Tune
									Center Freq 4.825000000 GHz
									Start Free 4.500000000 GHz
								-150.00 cBm	Stop Free 5.150000000 GH
art 4.50 Res BW	1.0 MH			#VBV	V 100 Hz		Swee	Stop 5.1500 GHz 5.07 s (1001 pts)	CF Step 65.000000 MH: Auto Mar
	f		× 5.150 5.135	00 GHz 70 GHz	59.12 dBm 58.90 dBm	RUNCTION RU	NCTION WIDTH	FUNCTION VALUE	Freq Offset 0 Hz

Antenna C Antenna D

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Conducted Bandedge Average, 5180 MHz, HT/VHT20 Beam Forming, M8 to M15, M0 to M9 2ss



Antenna A Antenna B

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Conducted Bandedge Average, 5180 MHz, HT/VHT20 Beam Forming, M8 to M15, M0 to M9 2ss



RL Center Fre	aq 4.825000		Trig: Free R	Avg	Type: Log-Pwr	05:11:37 PNPeb 13, 2015 TRACE 2 3 4 5 0 TYPE	Frequency
I0 dB/div	Ref Offset 13.5 Ref 10.00 dE	IFGain:Low	#Atten: 10 d	8	Mkr	2 5.120 10 GHz -58.29 dBm	Auto Tun
.og 0.00 10.0 20.0							Center Fre 4.825000000 GH
30.0 40.0 50.0						-0 ²¹	Start Fre 4.500000000 GH
60.0 70.0 80.0						-150.00	Stop Fre 5.150000000 GH
Start 4.500 Res BW 1	.0 MHz	#VI	BW 100 Hz		Sweep	Stop 5.1500 GHz 5.07 s (1001 pts)	CF Ste 65.000000 MH
IN I N I	SCL F	× 5.150 00 GHz 5.120 10 GHz	7 -55.59 dBm -58.29 dBm		PUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma
3 4 5 6 7 8 9 10							Freq Offse 0 H
12					STATUS		

Antenna A Antenna B

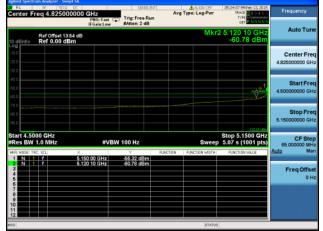
		DC D0000 GHz PN0: Fast IFGain:Law	Trig: Free Run		ALIGN OFF He: Log-Pwr	05:25:39 PMFe TRACE TVRE DET	6 13, 2015 2 2 4 5 0 NNNNN	Frequency
0 dB/div	Ref Offset 13 Ref 10.00	.54 dB			Mkr	2 5.120 10 -57.81	GHz dBm	Auto Tun
0.00 10.0 20.0								Center Fre 4.825000000 GH
30.0 40.0 50.0							- 0 ² 1	Start Fre 4.500000000 GH
50.0 70.0 30.0								Stop Fre 5.150000000 GH
Res BW	1.0 MHz	×	W 100 Hz	RUNCTION RU	Sweep INCTION WIDTH	Stop 5.150 5.07 s (100 FUNCTION W	01 pts)	CF Ste 65.000000 MH uto Ma
1 N 1 2 N 1 3 4 5 6	f f	5 150 00 GHz 5 120 10 GHz	-54.70 dBm -57.81 dBm					FreqOffse 0 ⊢
7 8 9 10								
12					STATUS			

Antenna C

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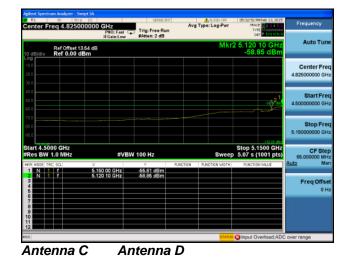


Conducted Bandedge Average, 5180 MHz, HT/VHT20 Beam Forming, M8 to M15, M0 to M9 2ss



RL Center F		DOOOOO GHZ PNC IFGa	:Fast G	Trig: Free Ro #Atten: 2 dB	Av	Type: Log-Pwr	05:28:35 PMPeb 13, 2015 TMACE 1 2 3 4 5 0 TVRE DET 9 NINININ	Frequency
0 dB/div	Ref Offset Ref 0.00	13.54 dB dBm				Mkr	2 5.120 10 GHz -62.03 dBm	Auto Tun
10.0 20.0 30.0								Center Fre 4.825000000 GH
40.0 50.0 60.0								Start Fre 4.500000000 GH
70.0 80.0 90.0							150.00 dbm	Stop Fre 5.150000000 GH
tart 4.50 Res BW			#VB\	V 100 Hz		Swee	Stop 5.1500 GHz p 5.07 s (1001 pts)	CF Ste 65.000000 MH
*R MODE TR 1 N 1 2 N 1 3	1	× 5.150 00 5.120 10	3Hz 3Hz	Y -58.03 dBm -62.03 dBm	PUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Ma Freq Offs
5 6 7 8 9 10								01
0						STATU	8	





	0000 GH	Z IO: Fast II; ain:Low	Trig: Free #Atten: 2	Run dB	Avg Type	LIGN OFF		CE 123450 PE NNNNN	Frequency
Re dB/div Re				Mkr2 5.136 35 GH -57.49 dBr			Auto Tun		
									Center Free 4.825000000 GHz
									Start Free 4.50000000 GH:
	/								Stop Free 5.150000000 GH
art 4.5000 (les BW 1.0		#VBV	V 100 Hz			Sweep		1500 GHz (1001 pts)	CF Step 65.000000 MH
R NOLE TRC SCI	× 5.150 00 5.136 35	GHz GHz	γ -56,111 dE -57,49 dE	3m	ICTION PUN	CTION WIDTH ,	FUNCTI	DN VALUE	<u>Auto</u> Mar Freq Offset 0 Ha

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Conducted Bandedge Average, 5180 MHz, HT/VHT20 Beam Forming, M16 to M23, M0 to M9 3ss



RL Center F	req 4.8250	P	Iz NO: Fast C Gain:Lew		Run	Avg	Type: Log-Pwr	TRA TV	PMPeb 13, 2015	Frequency
0 dB/div	Ref Offset 1 Ref 10.00	3.54 dB	Gamicow	arment in			Mkr	2 5.120 -58.	10 GHz 29 dBm	Auto Tun
0.00 10.0 20.0										Center Fre 4.825000000 GH
30.0 40.0 50.0										Start Fre 4.500000000 GH
60.0 70.0 80.0									-152.00 (00)	Stop Fre 5.150000000 GH
tart 4.50 Res BW			#VB	W 100 Hz			Sweep	Stop 5. 5.07 s	1500 GHz (1001 pts)	CF Ste 65.000000 MH
4 4 5	RC SCL	× 5.150 0 5.120 1	0 GHz 0 GHz	Y -55.59 dE -58.29 dE	m	NCTION	FUNCTION WIDTH	FUNCTI	DN VALUE	Auto Ma Freq Offse 0 H
6 7 8 9 10										
0							STATUS	ł		

Antenna A Antenna B

	req 4.825000		Trig: Free Run #Atten: 10 dB	Avg Type: Log-Pwr	05:15:39 PMPeb 13, 2015 TRACE 2 3 4 5 0 TYPE Det P NINN N	Frequency
10 dB/div	Ref Offset 13.8 Ref 10.00 d			Mk	2 5.120 10 GHz -57.81 dBm	Auto Tun
-10.0						Center Fre 4.825000000 GF
30.0 40.0 50.0					2 ¹	Start Fre 4.500000000 GH
60.0 -70.0 -80.0					-150.00 dbs	Stop Fre 5.150000000 GH
Start 4.50 #Res BW	1.0 MHz	#VB	N 100 Hz		Stop 5.1500 GHz p 5.07 s (1001 pts)	CF Ste 65.000000 MH Auto Ma
1 N 1 2 N 1 3 4 5 6 7 8		5.150.00 GHz 5.120 10 GHz	-54.70 dBm -57.81 dBm			Freq Offse
9 10 11 12						

Antenna C

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