	HT/VHT40, M0 to M7, M0.1 to M9.1	4	8	-60.8	-61.4	-61.4	-60.8	-47.1	-27	20.1
	HT/VHT40, M8 to M15, M0.2 to M9.2	4	8	-60.8	-61.4	-61.4	-60.8	-47.1	-27	20.1
	HT/VHT40, M16 to M23, M0.3 to M9.3	4	8	-60.8	-61.4	-61.4	-60.8	-47.1	-27	20.1
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	2	11	-60.8	-61.4			-47.1	-27	20.1
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	2	8	-61.3	-61.1			-50.2	-27	23.2
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	3	13	-62.8	-61.8	-59.7		-43.7	-27	16.7
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	3	10	-61.5	-63.0	-62.1		-47.6	-27	20.6
	HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3	3	8	-61.2	-61.4	-61.0		-48.4	-27	21.4
	HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1	4	14	-62.8	-62.3	-62.2	-60.7	-41.9	-27	14.9
	HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2	4	11	-60.7	-61.8	-61.3	-60.5	-44.0	-27	17.0
	HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3	4	9	-61.5	-63.0	-62.1	-60.7	-46.5	-27	19.5
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	2	8	-61.3	-61.1			-50.2	-27	23.2
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	3	8	-61.2	-61.4	-61.0		-48.4	-27	21.4
	HT/VHT40 STBC, M0 to M7, M0.1 to M9.1	4	8	-60.8	-61.4	-61.4	-60.8	-47.1	-27	20.1
	Non HT/VHT20, 6 to 54 Mbps	1	8	-58.3				-50.3	-27	23.3
	Non HT/VHT20, 6 to 54 Mbps	2	8	-58.3	-59.3			-47.8	-27	20.8
	Non HT/VHT20, 6 to 54 Mbps	3	8	-61.1	-59.6	-61.1		-47.8	-27	20.8
	Non HT/VHT20, 6 to 54 Mbps	4	8	-60.8	-60.9	-62.6	-62.2	-47.5	-27	20.5
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	2	11	-60.8	-60.9			-46.8	-27	19.8
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	3	13	-62.0	-62.1	-61.7		-44.4	-27	17.4
	Non HT/VHT20 Beam Forming, 6 to 54 Mbps	4	14	-61.6	-63.9	-62.1	-63.1	-42.6	-27	15.6
	HT/VHT20, M0 to M7, M0.1 to M9.1	1	8	-57.9				-49.9	-27	22.9
	HT/VHT20, M0 to M7, M0.1 to M9.1	2	8	-57.9	-59.0			-47.4	-27	20.4
	HT/VHT20, M8 to M15, M0.2 to M9.2	2	8	-57.9	-59.0			-47.4	-27	20.4
	HT/VHT20, M0 to M7, M0.1 to M9.1	3	8	-61.6	-61.4	-63.0		-49.2	-27	22.2
	HT/VHT20, M8 to M15, M0.2 to M9.2	3	8	-61.6	-61.4	-63.0		-49.2	-27	22.2
5825	HT/VHT20, M16 to M23, M0.3 to M9.3	3	8	-61.6	-61.4	-63.0		-49.2	-27	22.2
58	HT/VHT20, M0 to M7, M0.1 to M9.1	4	8	-60.4	-61.2	-61.9	-63.4	-47.6	-27	20.6
	HT/VHT20, M8 to M15, M0.2 to M9.2	4	8	-60.4	-61.2	-61.9	-63.4	-47.6	-27	20.6
	HT/VHT20, M16 to M23, M0.3 to M9.3	4	8	-60.4	-61.2	-61.9	-63.4	-47.6	-27	20.6
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	2	11	-60.4	-61.2			-46.8	-27	19.8
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	2	8	-57.9	-59.0			-47.4	-27	20.4
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	3	13	-60.4	-60.9	-61.7		-43.4	-27	16.4
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	3	10	-63.4	-60.8	-62.4		-47.5	-27	20.5
	HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	3	8	-61.6	-61.4	-63.0		-49.2	-27	22.2
	HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1	4	14	-61.3	-61.5	-63.3	-61.3	-41.8	-27	14.8
	HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2	4	11	-59.6	-63.5	-60.9	-60.3	-43.8	-27	16.8
	HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3	4	9	-63.4	-60.8	-62.4	-59.8	-46.2	-27	19.2
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	2	8	-57.9	-59.0			-47.4	-27	20.4
	HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	3	8	-61.6	-61.4	-63.0		-49.2	-27	22.2
	Page No: 20	$1 \text{ of } 5^{\prime}$	18							

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							CISC	-	
HT/VHT20 STBC, M0 to M7, M0.1 to M9.1	4	8	-60.4	-61.2	-61.9	-63.4	-47.6	-27	20.6

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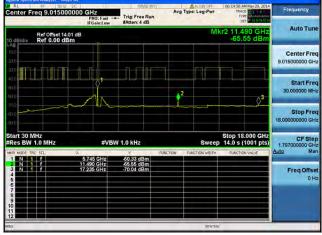
X/ RL	RF 50 Q D	IC	SENSE:INT	ALIGN OFF	04:08:24 AM May 28, 2014	
Start Fre	q 18.000000	00 GHz PNO: Fast IFGain:Low	Trig: Free Run #Atten: 8 dB	Avg Type: Log-Pwr	TRACE 123456 TYPE WHATMANN DET P N N N N N	Frequency
10 dB/div	Ref Offset 14.01 Ref -10.00 dB	dB				Auto Tune
20.0						Center Freq 29.000000000 GHz
40.0						Start Freq 18.000000000 GHz
-60.0	الألاسية بريان والأراف	un manufacture and	wip to the solution of the sol	an in the standard free free free free free free free fr	hiteriman and an our and the	Stop Freq
-60.0	malestationist	and and				40.00000000 GHz
	noalestation from a second					CF Step 2.200000000 GHz
-70.0						40.00000000 GH2 CF Step 2.20000000 GH2 Auto Man Freq Offset 0 H2
-70.0 -80.0 -90.0 -100						CF Step 2.20000000 GHz <u>Auto</u> Man Freq Offset
-70.0	D0 GHz		W 3.0 MHz			CF Step 2.20000000 GHz <u>Auto</u> Man Freq Offset

Conducted Spurs, All Antennas

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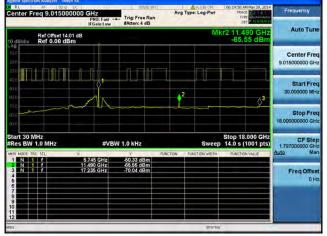
Conducted Spurs Average, 5745 MHz, Non HT/VHT20, 6 to 54 Mbps

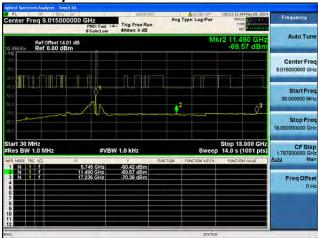


Antenna A

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Conducted Spurs Average, 5745 MHz, Non HT/VHT20, 6 to 54 Mbps





Antenna A

Antenna B

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Conducted Spurs Average, 5745 MHz, Non HT/VHT20, 6 to 54 Mbps



enter Freq 9.01500000	PNO: Fast	Trig: Free Run		ype: Log-Pwr	TRAC	M May 29, 2014	Frequency
Ref Offset 14.01 d dB/div Ref 0.00 dBm				M	kr2 11.4 -69.9	90 GHz 98 dBm	Auto Tune
	i ni i						Center Fred 9.015000000 GHz
00 00	¢'						Start Free 30,000000 MH:
	-/h		2			3	Stop Free 18.000000000 GH
tart 30 MHz Res BW 1.0 MHz		/ 1.0 kHz		Sweep	14.0 s (.000 GHz 1001 pts)	CF Step 1.797000000 GH Auto Ma
3 N 1 F 4 6	5.745 GHz 11.490 GHz 17.235 GHz	51 23 dBm -69 98 dBm -70 14 dBm	FUNCTION	FUNCTION WIDTH	FUNCTIO	A VALUE	Freq Offse 0 H:
6 7 8 9 0							
				STATUS	_		_

Antenna B

Antenna A	
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enter Freq 9.015000	0000 GHz PN0: Fast + IFGain:Low	Trig: Free Run #Atten: 4 dB	Avg Type	Log-Pwr	TRACE	May 29, 2014	Frequency
Ref Offset 14.0 0 dB/div Ref 0.00 dBr	1 dB m			M	kr2 11.4 -69.9	90 GHz 12 dBm	Auto Tune
00 00 00 00 90 90 90 14	31 D J						Center Fred 9.015000000 GH:
no no no			2				Start Free 30.000000 MH
no no							Stop Free 18.000000000 GH:
	#VB	W 1.0 kHz		Sweep	Stop 18. 14.0 s (1	000 GHz 001 pts)	1.797000000 GH
tart 30 MHz Res BW 1.0 MHz #R MODE, TRC SCL	*	Y FU	INCTION EUN	Sweep CTION WIDTH	Stop 18. 14.0 s (1 FUNCTION	001 pts)	CF Step 1.797000000 GH: Auto Mar
Res BW 1.0 MHz KR MODE TRC SCL 1 N 1 F 3 N 1 F 4 6	_		NCTION FUN		0 14.0 s (1	001 pts)	1.797000000 GH
Res BW 1.0 MHz KR MODE TRC SCL 1 N 2 N 3 N 4	8 5.745 GHz 11.490 GHz	γ PU -51.75 dBm -69.92 dBm	NCTION FUN		0 14.0 s (1	001 pts)	1.797000000 GH Auto Ma Freq Offse

Antenna C

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Conducted Spurs Average, 5745 MHz, Non HT/VHT20, 6 to 54 Mbps



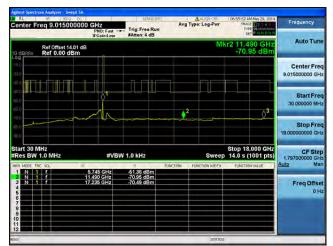


Antenna A

RL 8 500 00 Center Freq 9.015000000		Trig: Free Run #Atten: 4 dB	Avg Type: Log		Frequency
Ref Offset 14.01 dB				Mkr2 11.490 G -70.37 d	
100 210 210					Center Free 9.015000000 GH
210 210 210 210			2		Start Free 30.000000 MH
mà én o eu o				·	Stop Fre- 18.000000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VB	N 1.0 kHz	S	Stop 18.000 weep 14.0 s (1001	pts) 1.797000000 GH
	5.745 GHz	-52.78 dBm	INCTION FUNCTION	WIDTH FUNCTION VALUE	Auto Mar
3 N 1 7 7	1.490 GHz 17.235 GHz	-70.37 dBm -70.38 dBm			Freq Offse 0 H
8 9 10 11					

Antenna C





Antenna D

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Conducted Spurs Average, 5745 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps





Antenna B

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Conducted Spurs Average, 5745 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps



Center Freq 9.015000000 GHz PNO: Fast ++- IFGainctow	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	07:41:20 AM May 29, 2014 TRACE 12 4 TVPE DET P 1/14 AM	Frequency
Ref Offset 14.01 dB 0 dB/div Ref 0.00 dBm		MI	r2 11.490 GHz -70.87 dBm	Auto Tune
				Center Freq 9.015000000 GHz
		2		Start Free 30.000000 MHz
				Stop Fred 18.00000000 GHz
	1.0 kHz	Sweep		CF Step 1.797000000 GHz Auto Man
MRM M08E FMC 50. ≫ 5745 GHz 2 N 1 f 5745 GHz 2 N 1 f 11490 GHz 3 N 1 f 17235 GHz 6 6 7 7 7 9 9	Y Func -56 28 dBm -70.87 dBm -70.36 dBm	TION FUNCTION WOTH.	FUNCTION VALUE	Freq Offset 0 Hz
		STATUS		

Antenna A

enter Fr	eq 9.01500(Trig: Free Run #Atten: 4 dB		E Log-Pwr	07:44:36 AM May 29, 3 TRACE 2 4 TYPE COT	Frequency
0 dB/div	Ref Offset 14.0 Ref 0.00 dB	n dB m			M	kr2 11.490 GH -71.12 dB	
00 00 00							Center Free 9.015000000 GH
							Start Free 30.000000 MH
uð 0.0		-h		2		Q ⁶	Stop Free 18.000000000 GH
tart 30 M Res BW		#VE	3W 1.0 kHz		Sweep	Stop 18.000 G 14.0 s (1001 p	(S) 1.797000000 GH
KR MODE TRO	SCL.	8		FUNCTION FUR	ICTION WIDTH	FUNCTION VALUE	Auto Mar
2 N 1 3 N 1 4 6	ŕ	5.745 GHz 11.490 GHz 17.235 GHz	-56.50 dBm -71.12 dBm -70.39 dBm				Freq Offse 0 H
6 7 8 9 10							
2							

Antenna C

Antenna B

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Conducted Spurs Average, 5745 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps



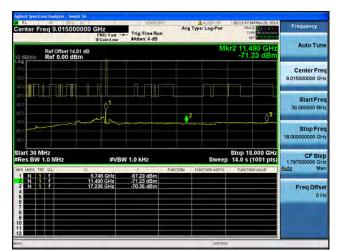


Antenna A

AL 80 00 00 Center Freq 9.015000000	GHZ PNO: Fast IFGain:Low	Trig: Free Run #Atten: 4 dB		e: Log-Pwr	108:10:35 AM May 29, 2014 TRACE 12 4 F TYPE WANNAGE	Frequency
Ref Offset 14.01 dB				M	kr2 11.490 GHz -71.17 dBm	Auto Tune
10.0						Center Free 9.015000000 GH
	\ \{ ¹		2			Start Fre 30.000000 MH
70.0 en o 91.0	-h					Stop Fre 18.000000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VBI	N 1.0 kHz		Sweep	Stop 18.000 GHz 14.0 s (1001 pts)	CF Ste 1.797000000 GH
MKR MODE TRC SCL X	745 GHz	γ -58.52 dBm	FUNCTION FL	NCTION WIDTH :	FUNCTION VALUE	Auto Ma
2 N 1 F 11 3 N 1 F 17 4	490 GHz 235 GHz	-71.17 dBm -70.35 dBm				Freq Offse 0 H
6 7 8 9 10						
12						

Antenna C





Antenna D

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Conducted Spurs Average, 5745 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1



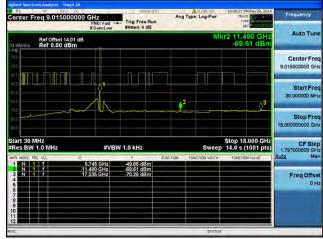
Antenna A

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Conducted Spurs Average, 5745 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1





Antenna A

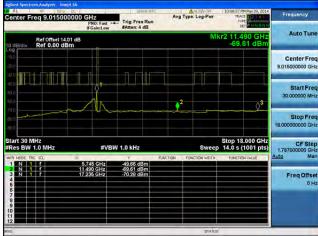
Antenna B

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Conducted Spurs Average, 5745 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2





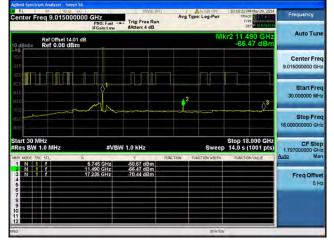
Antenna A

Antenna B

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Conducted Spurs Average, 5745 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1



enter Freq 9.0150000		Trig: Free Run		Type: Log-Pwr	TRA	M May 29, 2014	Frequency
Ref Offset 14.01 o dB/div Ref 0.00 dBm				M	kr2 11.4 -70.	90 GHz 18 dBm	Auto Tune
	1 CL						Center Fred 9.015000000 GHz
0.0	l l l						Start Free 30,000000 MH
no	Mr					<u>3</u>	Stop Free 18.000000000 GH
tart 30 MHz Res BW 1.0 MHz	_	/ 1.0 kHz		Swee	0 14.0 s (.000 GHz 1001 pts)	CF Step 1.79700000 GH Auto Mar
1 N 1 F 2 N 1 F 3 N 1 F 4	5.745 GHz 11.490 GHz 17.235 GHz	-70.18 dBm -70.18 dBm -70.49 dBm	FUNCTION	FUNCTION WIDTH	FUNCTIO	N VALUE	Freq Offse 0 Hi
6 7 8 9 0 1							
2 2			-	STATU			a

Antenna B

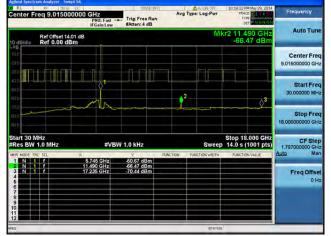
An	tel	nn	а	Α	

	HZ PNO: Fast				ALIGNOR	TRAC	Muy 29, 2014	Frequency
Ref Offset 14.01 dB		M	90 GHz 02 dBm	Auto Tune				
10.0 20.0								Center Freq 9.015000000 GHz
	- <mark>8</mark> 1							Start Free
500 500	In			¢ ²			∂ ³	30,000000 MH:
ino								Stop Free 18.00000000 GH
itart 30 MHz Res BW 1.0 MHz	#VBW	/ 1.0 kHz			Sweep	Stop 18 14.0 s (.000 GHz 1001 pts)	CF Step 1.797000000 GH
2 N 1 F 11.4	45 GHz 90 GHz	-51.02 dE	m	ACTION EL	INCTION WIDTH	FUNCTIO	N VALUE	<u>Auto</u> Mar
	35 GHz	-70.55 dB	m					Freq Offse
6 7 8								
12			_		STATUS			

Antenna C

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Conducted Spurs Average, 5745 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2



RL 16 500 00 enter Freq 9.01500000	0 GHz PNO: Fast ++	Trig: Free Run #Atten: 4 dB		ype: Log-Pwr	TYPE	4w 29, 2014	Frequency
Ref Offset 14.01 dB 10 dB/d/v Ref 0.00 dBm				MI	0 GHz 3 dBm	Auto Tune	
	1 0						Center Freq 9,015000000 GHz
						03	Start Free 30.000000 MH:
			~~~			Q*	Stop Free 18.00000000 GH:
art 30 MHz Res BW 1.0 MHz		1.0 kHz		Sweep		01 pts)	CF Step 1.797000000 GH
N HORE FRC 50. 00	5.745 GHz 11.490 GHz 17.235 GHz	-50.95 dBm -70.18 dBm -70.49 dBm	FUNCTION	FUNCTION WOTH	FUNCTION		Auto Man Freq Offset 0 Hz
				STATUS			

Antenna B

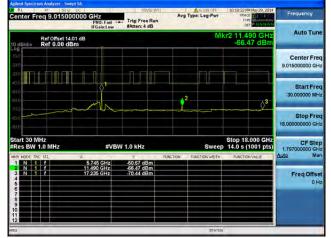
enter Freq 9.0150000		Trig: Free Run	Avg Type: Log-F		Frequency
Ref Offset 14.01 dB/div Ref 0.00 dBm	dB			Mkr2 11.490 GHz -70.02 dBm	Auto Tune
29 20 20 20			1		Center Fred 9.015000000 GH:
10			2		Start Free 30.000000 MH
	~ ~~				Stop Free 18.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBV	V 1.0 kHz		Stop 18.000 GHz veep 14.0 s (1001 pts	1.797000000 GH
CR MODE TRC SCL	× 5.745 GHz 11.490 GHz	-51.02 dBm -70.02 dBm	NCTION EUNCTION W	10TH FUNCTION VALUE	Auto Mar
3 N 1 7	17.235 GHz	-70.55 dBm			Freq Offse 0 H
				TADIS	

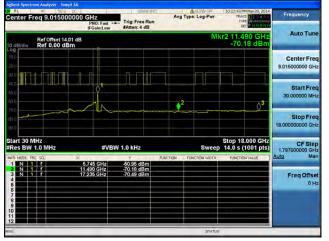
Antenna C

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#### Conducted Spurs Average, 5745 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3





Antenna B

Antenna A
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enter Freq 9.01500000	0 GHz PNO: Fast IFGain:Low	Trig: Free Run #Atten: 4 dB		: Log-Pwr	10:25:59 PM TRACE TYPE DET		Frequency Auto Tune
Ref Offset 14.01 dB	3		Mkr2 11.490 GHz -70.02 dBm				
			1				Center Fred 9.015000000 GH:
			2			03	Start Free 30.000000 MHz
							Stop Free 18.00000000 GH:
tart 30 MHz	#1/01	N 1.0 kHz		Sweep	Stop 18.	000 GHz 001 pts)	CF Step 1.797000000 GH
Res BW 1.0 MHz	#VDI	T.O RHZ					
		Y EU	NCTION EU	ICTION WIDTH :	FUNCTION	VALUE	Auto Mar
1 N 1 F N 1 F 3 N 1 F	5.745 GHz 11.490 GHz 17.235 GHz		NCTION EU	ICTION WIDTH		VALUE	
KR         MODE         TRC         SCL         X           1         N         1         F         2         N         1         F           2         N         1         F         2         1         F         2           4         1         F         1         F         2         1         F         2	5.745 GHz 11.490 GHz	Y EU -51,02 dBm -70.02 dBm	NCTION FUN	ICTION WIDTH		VALUE	Auto Mar Freq Offse

Antenna C

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#### Conducted Spurs Average, 5745 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1



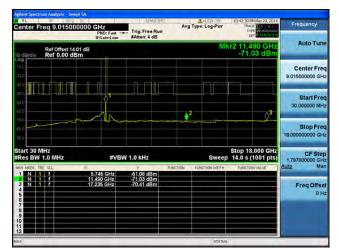




RL 88 589 00 Center Freq 9.015000000	GHZ PNO: Fast - IFGain:Low	Trig: Free Run #Atten: 4 dB		e: Log-Pwr	10:39:18 PM May 29, 2014 TRACE 214 5 TYPE DOT P 10:01010	Frequency
Ref Offset 14.01 dB				M	kr2 11.490 GHz -70.34 dBm	Auto Tune
200						Center Free 9.015000000 GH
210 210 210						Start Free 30.000000 MH
70.0 (0.0 (0.0	-h		<u> </u>			Stop Fre 18.000000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VB	N 1.0 kHz		Sweep	Stop 18.000 GHz 14.0 s (1001 pts)	1.797000000 GH
	745 GHz	-52.19 dBm	UNCTION FU	NCTION WIDTH	FUNCTION VALUE	Auto Mar
2 N 1 f 11 3 N 1 f 17 4 6	490 GHz 235 GHz	-70.34 dBm -70.42 dBm				Freq Offse 0 H
7 8 9 10 11						
12 <b>11</b>				STATU		

Antenna C

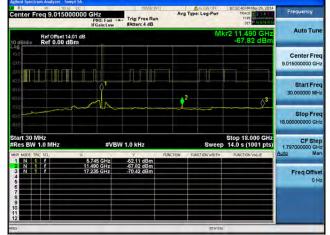




Antenna D

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#### Conducted Spurs Average, 5745 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2



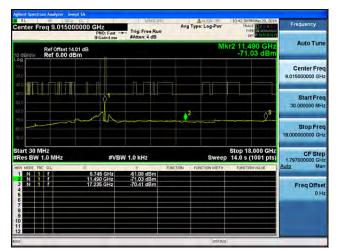




enter Freq 9.01500000		Trig: Free Run #Atten: 4 dB		ALIGNOR De: Log-Pwr	10:39:18 PM May 29, 2014 TRACE 2 1 4 5 TYPE DOT P N CONV	Frequency
Ref Offset 14.01 d 0 dB/div Ref 0.00 dBm	в			M	Auto Tune	
10 0						Center Fred 9.015000000 GH:
						Start Free 30.000000 MH
	M		¢ ²		\$ ³	Stop Fred 18.00000000 GH3
tart 30 MHz Res BW 1.0 MHz	#VB	W 1.0 kHz		Sweep	Stop 18.000 GHz 14.0 s (1001 pts	CF Step 1.797000000 GH
KR MODE TRC SCL >	5.745 GHz	γ F -52.19 dBm	INCTION E	INCTION WIDTH	FUNCTION VALUE	Auto Mar
	11.490 GHz 17.235 GHz	-70.34 dBm -70.42 dBm				Freq Offset 0 Hz
6 7 8 9 9						
12				STATUS		

Antenna C



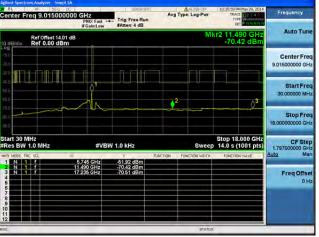


Antenna D

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#### Conducted Spurs Average, 5745 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3



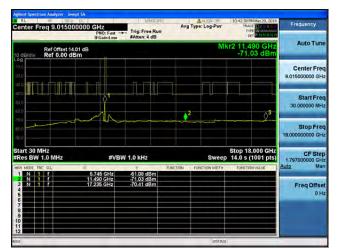




Center Freq 9.015000000 G			Av	g Type: Log-Pwr	10:39:18 PM May 29, 201 TRACE 2 4 5 TYPE CONTACT P NOTICE	Frequency		
Ref Offset 14.01 dB Mkr2 11.490 GHz odBidity Ref 0.00 dBm -70.34 dBm -70.34 dBm								
1001 2001 2001						Center Free 9.015000000 GH		
				2	↓ _ 	Start Fre 30,000000 MH		
70.0 60.0 91.0	10~				¥	Stop Fre 18.000000000 GH		
Start 30 MHz #Res BW 1.0 MHz	#VBW	1.0 kHz		Swee	Stop 18.000 GHz p 14.0 s (1001 pts	1.797000000 GH		
MKR MODE TRC SCL X	15 GHz	-52.19 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Ma		
3 N 1 1 1723 6 6	90 GHz 95 GHz	-70.34 dBm -70.42 dBm				Freq Offse 0 H		
7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9								
50	_	_		STATU	1			

Antenna C





Antenna D

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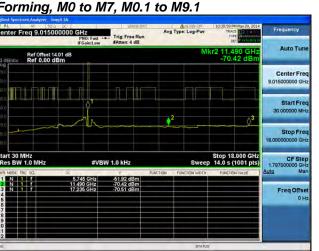
Avg Type: Log-F

Trig: Free Run

V 1.0 kHz

5.745 GHz 11.490 GHz 17.235 GHz

52.11 dBn 67.82 dBn -70.42 dBn



uluilu cisco

#### Conducted Spurs Average, 5745 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1

67 R

Stop 18.000 GHz Sweep 14.0 s (1001 pts)

Auto Tun

Start Fre

Stop Fre

Ma

CF Step 1.797000000 CH

Freq Offse

18.00

30.000000 M

Center Fre 9.015000000 GH

Antenna A

enter Freq 9.015000000 GHz

Ref Offset 14.01 dB Ref 0.00 dBm

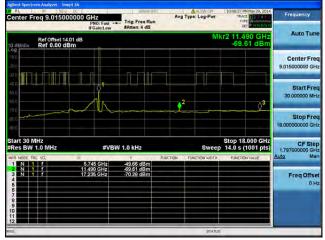
Antenna B

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#### Conducted Spurs Average, 5745 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna B

Antenna A

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#### Conducted Spurs Average, 5745 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1



nter Freq 9.015000000	GHz PNO: Fast				e: Log-Pwr	TRA	M May 29, 2014 TE 12 0 4 PE 0, 10 10 10 ET P 10 10 10 10	Frequency
Ref Offset 14.01 dB 0 dB/dlv Ref 0.00 dBm					MI	r2 11.4 -70.	90 GHz 86 dBm	Auto Tune
								Center Fred 9.015000000 GH:
	  ↓							Start Free 30,000000 MH
0 10 15	-h			2			<u>3</u>	Stop Free 18.000000000 GH
art 30 MHz tes BW 1.0 MHz	#VBW	1.0 kHz			Sweep	14.0 s	.000 GHz 1001 pts)	CF Step 1.797000000 GH Auto Mai
N 1 F 11 N 1 F 17	.745 GHz .490 GHz .235 GHz	-56.27 d -70.86 d -70.50 d	Bm Bm	NCTION FU	NCTION WIDTH	FUNCIE	IN VALUE	Freq Offse
					STATUS			-

Antenna A

RL 87 580 00 enter Freq 9.015000000		Trig: Free Run #Atten: 4 dB		: Log-Pwr	TRACE	May 29, 2014	Frequency
Ref Offset 14.01 dB				M	kr2 11.4 -71.1	90 GHz 18 dBm	Auto Tune
							Center Fre 9.015000000 GH
			2				Start Fre 30.000000 MH
						¥	Stop Fre 18.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VB	W 1.0 kHz		Sweep	0 14.0 s (1	_	CF Ste 1.797000000 GH Auto Ma
	5.745 GHz 1.490 GHz 7.235 GHz	-56.37 dBm -71.18 dBm -70.32 dBm	INCTION FUN	ICTION WIDTH	FUNCTION	IVALUE	Freq Offse
				STATUS			

Antenna C

Antenna B

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#### Conducted Spurs Average, 5745 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2



er Freq 9.015000000 GH	4 Frequency Auto Tur			
Ref Offset 14.01 dB 0 dB/div Ref 0.00 dBm				
	Center Fre 9.015000000 GP			
	Start Fre 30.000000 MH			
	Stop Fre 18.00000000 GH			
30 MHz BW 1.0 MHz	CF Ste 1.797000000 GH Auto Ma			
ode FRE SCL 20 N 1 f 5.74 N 1 f 11.49 N 1 f 11.49 N 1 f 17.23	Auto Ma Freq Offs 0 }			

enter Freq 9.015000000	GHZ PNO: Fast - IFGain:Low	Trig: Free Run	Avg Type: Log-Pwr	10:52:37 PM May 29, 2014 TRACE 2 4 TYPE 24 DUT P TRACE 12 4	Frequency
Ref Offset 14.01 dB dB/div Ref 0.00 dBm			N	1kr2 11.490 GHz -70.67 dBm	Auto Tune
99 20 10 00 90 90 10 10 10 10 10 10 10 10 10 10 10 10 10					Center Fred 9.015000000 GH:
	¢1				Start Free 30.000000 MH:
10 00 10	m			\$ ³	Stop Fre 18.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VB	W 1.0 kHz	Swee	Stop 18.000 GHz p 14.0 s (1001 pts)	CF Ste 1.797000000 GH
CR MODE TRC SCL X	5.745 GHz	-53,04 dBm	INCTION EUNCTION WIDTH	1: FUNCTION VALUE	Auto Mai
2 N 1 F 11 3 N 1 F 17 4	7235 GHz	-70.67 dBm -70.49 dBm			Freq Offse 0 H

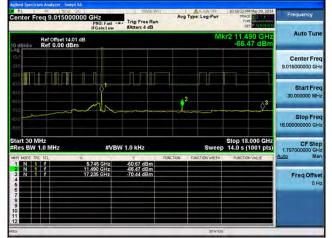
Antenna C

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Antenna B



#### Conducted Spurs Average, 5745 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3





Antenna A

IF Gain:Low	#Atten: 4 dB		e: Log-Pwr	TYPE	P N G N N N	
			M			Auto Tune
						Center Free 9.015000000 GH:
		2-			3	Start Fre- 30.000000 MH
						Stop Fre 18.00000000 GH
#VB\	N 1.0 kHz		Sweep			CF Ste 1.797000000 GH
5.745 GHz 11.490 GHz 17.235 GHz	-70.55 dBm -70.55 dBm	INCTION EV	NCTION WIDTH	FUNCTION	ALUE	Auto Mar Freq Offse
	#VB\	#VBW 1.0 kHz	#VBW 1.0 kHz           \$726 SHZ           \$100 dbm	#VEW 1.0 kHz         Sweep           5/26 GHz         5/20 GHm           109 GHz         700 GHm	-70,07 #VBW 1.0 kHz Stop 13.0 \$726 SHz! \$102 dBm Pactor	-70.02 dBm

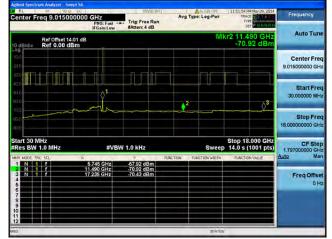
Antenna C

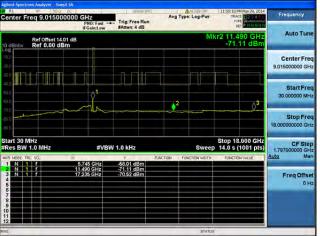
Antenna B

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#### Conducted Spurs Average, 5745 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1



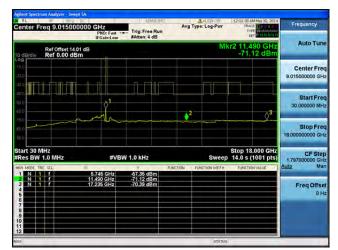


Antenna A

AL 8 500 00 Center Freq 9.015000000		Trig: Free Run #Atten: 4 dB		: Log-Pwr	11:58:24 PM May 29, 2014 TRACE 2 4 TYPE WOMAN	Frequency
Ref Offset 14,01 dE	3			M	r2 11.490 GHz -71.18 dBm	Auto Tune
100 210 210						Center Fred 9.015000000 GH:
			2			Start Free 30.000000 MH:
70.0 60.0 91.0						Stop Free 18.000000000 GH
Start 30 MHz Res BW 1.0 MHz	#VBI	W 1.0 kHz		Sweep	Stop 18.000 GHz 14.0 s (1001 pts)	CF Step 1.797000000 GH
MKR MODE TRC SCL X	5.745 GHz	-58,48 dBm	INCTION FUR	ICTION WIDTH :	FUNCTION VALUE	Auto Mar
3 N 1 7	11.490 GHz 17.235 GHz	-71.18 dBm -70.42 dBm				Freq Offse 0 H
7 8 9 10 11						
50				STATUS	-	

Antenna C





Antenna D

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#### Conducted Spurs Average, 5745 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2



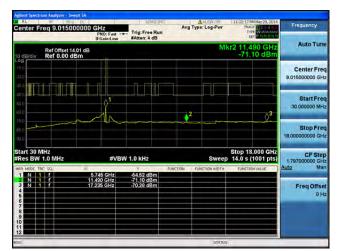


Antenna A

Center Freq 9.01500000		Trig: Free Run #Atten: 4 dB		e: Log-Pwr	11:19:02 PM May 29, 2014 TRACE 2 4 TYPE Workshow	Frequency
Ref Offset 14.01 dl	8			M	r2 11.490 GHz -71.05 dBm	Auto Tune
100 200 200						Center Fre 9.015000000 GH
210 210 210			2			Start Fre 30.000000 MH
70.0 60.0 81.0	ma					Stop Fre 18.000000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VB	W 1.0 kHz		Sweep	Stop 18.000 GHz 14.0 s (1001 pts)	CF Ste 1.797000000 GH
MKR MODE TRC SCL X	5.745 GHz	-55.68 dBm	UNCTION EU	NCTION WIDTH :	FUNCTION VALUE	Auto Ma
2 N 1 f 3 N 1 f 4 6	11.490 GHz 17.235 GHz	-71.05 dBm -70.43 dBm				Freq Offse 0 H
7 8 9 10						
12 <b>12 12 12 12 1</b>				STATUS		

Antenna C



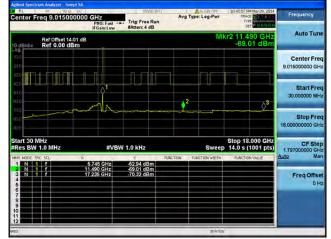


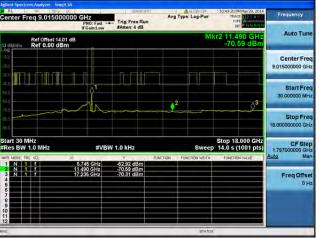
Antenna D

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#### Conducted Spurs Average, 5745 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3



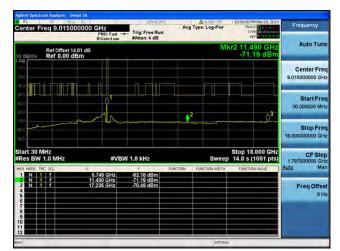




Frequency	PM May 29, 2014 ACE 12, 24 54 ARE 24	TRA	e: Log-Pwr	Avg			GHZ PNO: Fast - IFGain:Low	9.01500000	enter Fre
Auto Tun	490 GHz .67 dBm	r2 11.4 -70.	MI					f Offset 14.01 de f 0.00 dBm	) dB/div
Center Fre 9.015000000 GH									00
Start Fre 30.000000 MH									
Stop Fre 18.000000000 GH	3						- IR		ud 0.0 0.0
CF Ste 1.797000000 GH	8.000 GHz (1001 pts)	Stop 18 14.0 s (	Sweep			1.0 kHz	#VB	MHz	tart 30 Mi Res BW 1
Auto Ma	ON VALUE	FUNCTIO	NCTION WIDTH :	ACTION		Y -53.04 di	745 GHz		KR MODE TRO
Freq Offse 0 H					m	-70.67 di -70.49 di	490 GHz 235 GHz		2 N 1 3 N 1 4
									0 7 8 9 0 1
		-	STATUS						o .

Antenna C





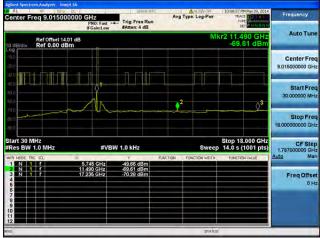
Antenna D

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#### Conducted Spurs Average, 5745 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1





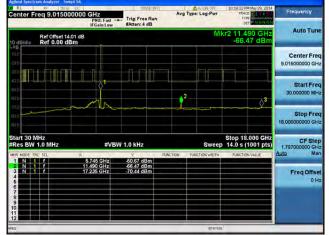
Antenna A

Antenna B

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#### Conducted Spurs Average, 5745 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1



enter Freq 9.015000000	GHZ	Trig: Free Run		pe: Log-Pwr	10:22:43 PM May 29, 201 TRACE 12:04 TVPE	Frequency
Ref Offset 14.01 dB	IFGain:Low	#Atten: 4 dB		M	(r2 11,490 GHz -70,18 dBm	Auto Tune
						Center Free 9.015000000 GH
			2			Start Free 30,000000 MH
në						Stop Free 18.00000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBV	V 1.0 kHz		Sweep		1.797000000 GH
KR MODE THE SOL X	5.745 GHz	-50.95 dBm	FUNCTION F	UNCTION WIDTH	FUNCTION VALUE	Auto Mar
2 N 1 F 1 3 N 1 F 1 6	1.490 GHz 7.235 GHz	-70.18 dBm -70.49 dBm				Freq Offse 0 H
6 7 8 9 9						
1						
ig.				STATUS		

Antenna A

enter Freq 9.015000		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	10:25:59 PM May 29, 2014 TRACE 2, 4 TYPE CET PICONCID	Frequency
Ref Offset 14.0 dB/div Ref 0.00 dB	n dB m		M	kr2 11.490 GHz -70.02 dBm	Auto Tune
	31 (7)				Center Freq 9.015000000 GHz
			2	↓	Start Free 30.000000 MHz
				Y	Stop Free 18.000000000 GH:
art 30 MHz Res BW 1.0 MHz	#VB	W 1.0 kHz	Sweep		CF Step 1.797000000 GH
R MODE, TRC SCL.	5.745 GHz 11.490 GHz 17.235 GHz	7 EU -51.02 dBm -70.02 dBm -70.55 dBm	NETION FUNCTION WIDTH :	FUNCTION VALUE	Auto Mar Freq Offse 0 H:
			STATLS		

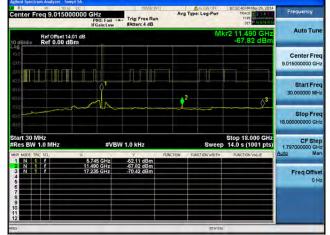
Antenna C

Antenna B

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#### Conducted Spurs Average, 5745 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1



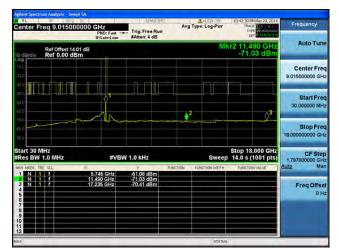




Center Freq 9.01500000		Trig: Free Run #Atten: 4 dB		e: Log-Pwr	10:39:18 PM May 29, 2014 TRACE 214 5 TYPE 2014 DUT P 11:0111/1	Frequency		
Ref Offset 14.01 dE	Ref Offset 14.01 dB Mkr2 11.490 GHz B/div Ref 0.00 dBm -70.34 dBm							
10 0 i						Center Free 9.015000000 GH		
20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						Start Fre-		
60 O	m		¢ ²					
in o iu o						Stop Fre 18.000000000 GH		
Start 30 MHz Res BW 1.0 MHz	#VB	W 1.0 kHz		Sweep	Stop 18.000 GHz 14.0 s (1001 pts)			
MKR MODE TRC SCL X	5.745 GHz	-52.19 dBm	UNCTION FU	NCTION WIDTH	FUNCTION VALUE	Auto Mar		
2 N 1 F 3 N 1 F 4 6 6	11.490 GHz 17.235 GHz	-70.34 dBm -70.42 dBm				Freq Offse 0 H		
8 9 9 10								
12								

Antenna C





Antenna D

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#### Conducted Spurs Average, 5755 MHz, Non HT/VHT40, 6 to 54 Mbps

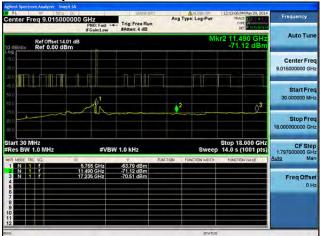


Antenna A

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### Conducted Spurs Average, 5755 MHz, Non HT/VHT40, 6 to 54 Mbps





Antenna A

Antenna B

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#### Conducted Spurs Average, 5755 MHz, Non HT/VHT40, 6 to 54 Mbps



RL NF SUQ DC		SENSE: NT	ALISN OF	12:13:05 PM May 29, 2014	Frequency
enter Freq 9.01500000	PNO: Fast	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	TRACE	
Ref Offset 14.01 dB			M	kr2 11.490 GHz -71.12 dBm	Auto Tune
10 M)					Center Fred 9.015000000 GH:
	۵ ¹				Start Free 30.000000 MH
	M				Stop Free 18.000000000 GH
art 30 MHz Res BW 1.0 MHz	#VBW	1.0 kHz	Sweet		CF Step 1.797000000 GH Auto Mai
2 N 1 f 1	5.765 GHz 1.490 GHz 7.235 GHz	-53,79 dBm -71.12 dBm -70.51 dBm	NCTION FUNCTION WIDTH	FUNCTION YALUE	Freq Offse 0 H

Antenna B

Antenna A	
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AL 87 589 00 Center Freq 9.015000000	GHZ PNO: Fast - IFGain:Low	Trig: Free Run #Atten: 4 dB		: Log-Pwr	12:16:24 PM May TRACE TYPE DET	Frequency
Ref Offset 14.01 dB				MI	r2 11.490 -70.88	
200	B					Center Free 9.015000000 GH
			2			Start Free 30.000000 MH:
70.0 60.0 91.0						Stop Free 18.000000000 GH
Start 30 MHz Res BW 1.0 MHz	#VB	W 1.0 kHz	NCTION FUN	Sweep	Stop 18.000 14.0 s (100	1 pts) 1.797000000 GH
1 N 1 7 6 2 N 1 7 11 3 N 1 7 17 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5.755 GHz 1490 GHz 1235 GHz	-64.58 dBm -70.88 dBm -70.49 dBm	NCTON FOR	CTON WOTH	FURGION YAU	Freq Offse
8 9 10 11 12 12 12						

Antenna C

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#### er Freq 9.015000000 GHz Avg Type: Trig: Free Run Auto Tun Ref Offset 14.01 dB Ref 0.00 dBm Center Fre 9.015000000 GH Start Fre 30.000000 M Stop Fre 18 00 Stop 18.000 GHz Sweep 14.0 s (1001 pts) CF Ste V 1.0 kHz 1,79700 M 5.755 GHz 11.490 GHz 17.235 GHz 64.50 dBr 70.47 dBr 70.41 dBr Freq Offs 01

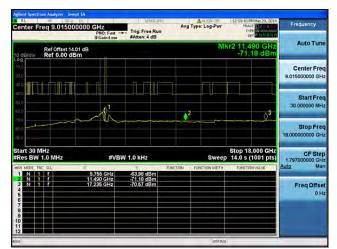




Center Freq 9.015000000 GHz PN0: Fast ++ IFGainclow		Avg Type: Log-Pwr	12:16:24 PM May 29, 2014 TRACE 2 4 F TYPE WARNAW	Frequency
Ref Offset 14.01 dB		M	kr2 11.490 GHz -70.88 dBm	Auto Tune
				Center Free 9.015000000 GH
		2		Start Fre- 30.000000 MH
70.0 60.0 91.0			X	Stop Fre 18.000000000 GH
	N 1.0 kHz	Sweep		CF Ste 1.797000000 GH Auto Ma
MGR HOLD TRC SC. 8 1 N 1 1 5755 GHz N 1 7 11490 GHz N 1 7 11490 GHz N 1 7 11490 GHz N 1 7 17235 GHz 6 7 8	-64.58 dBm -70.88 dBm -70.49 dBm	EUNCTION WIDTH:	FUNCTION VALUE	Freq Offse 0 H
9 10 11 12		STATU		

Antenna C





Antenna D

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### Conducted Spurs Average, 5755 MHz, Non HT/VHT40, 6 to 54 Mbps



#### Conducted Spurs Average, 5755 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1



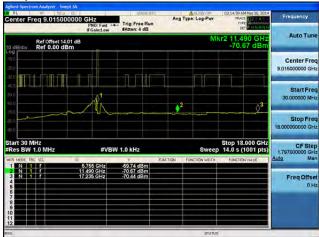
Antenna A

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#### Conducted Spurs Average, 5755 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1





Antenna A

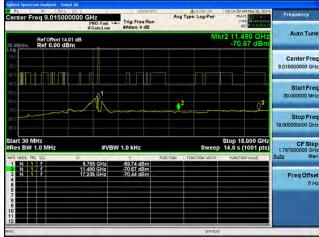
Antenna B

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### Conducted Spurs Average, 5755 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2





Antenna A

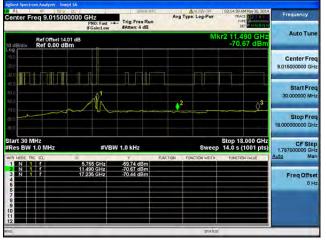
Antenna B

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### Conducted Spurs Average, 5755 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1





Antenna B

/	Antenna	Α
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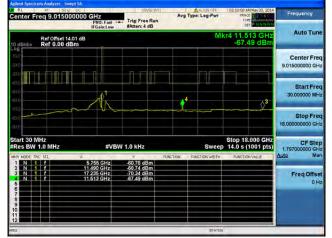
Center Freq 9.015000000 GHz	ast Trig: Free Run	Avg Type: Log-Pwr	03:17:59 AM May 30, 2014 TRACE 12:14 5 TYPE WOMMENT	Frequency
Ref Offset 14.01 dB	ow #Atten: 4 dB	MI	kr2 11.490 GHz -70.42 dBm	Auto Tune
			-70.42 dbm	Center Free 9.015000000 GH
		2	 ⊘ ³	Start Free 30,000000 MH:
700 V i0 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4				Stop Free 18.00000000 GH
Start 30 MHz Res BW 1.0 MHz #	¥VBW 1.0 KHz	Sweep	Stop 18.000 GHz 14.0 s (1001 pts)	CF Step 1.797000000 GH Auto Mar
1 N 1 f 5,765 GH 2 N 1 f 11,490 GH 3 N 1 f 11,490 GH 4 17,235 GH 6 6	z -70.42 dBm			Freq Offse 0 H:
7 8 9 10				

Antenna C

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### Conducted Spurs Average, 5755 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2



Center Freq 9.015000000 GHz PNO: Fast ++ IFGainst w	- Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	03:14:39 AM May 30, 2014 TRACE 12:34 TVPE DET P. N. H. H. H. H.	Frequency
Ref Offset 14.01 dB		M	kr2 11,490 GHz -70.67 dBm	Auto Tune
				Center Freq 9.015000000 GHz
40.6 (50)				Start Free 30,000000 MH:
			<u>0</u> 3_	Stop Free 18.00000000 GH:
	/ 1.0 kHz	Sweep		CF Step 1.79700000 GH: Auto Mar
ARR MODE: FRE SC. ∞ 1 N 1 f 5.765 GHz 2 N 1 f 11.490 GHz 3 N 1 f 11.490 GHz 4 6 6	Y FU 59.74 dBm -70.67 dBm -70.44 dBm	NCTION FUNCTION WEITH :	FUNCTION VALUE	Freq Offset
7				
sg		STATUS	( )	

Antenna B

Antenna A	
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RL 8 500 00 Center Freq 9.015000000 (	GHZ PNO: Fast IFGain:Low	Trig: Free Run #Atten: 4 dB		: Log-Pwr	03:17:59 AM TRACE TYPE DET		Frequency
Ref Offset 14.01 dB 0 dB/div Ref 0.00 dBm				MI	r2 11.49 -70.42		Auto Tune
							Center Fred 9.015000000 GH:
	An		2				Start Free 30.000000 MHz
70.0 60.0 91.0	- V ~_					¥	Stop Fred 18.000000000 GH:
Start 30 MHz Res BW 1.0 MHz	#VB	N 1.0 kHz	NCTION FUN	Sweep	Stop 18.0 14.0 s (10	01 pts)	CF Step 1.797000000 GH: Auto Mar
1 N 1 F 5 2 N 1 F 11. 3 N 1 F 17. 6 6 6 7	755 GHz 490 GHz 235 GHz	-60.23 dBm -70.42 dBm -70.52 dBm			7201610443		Freq Offse 0 Hi
8 9 10 11 12 12							

Antenna C

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### Conducted Spurs Average, 5755 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3





Antenna B

~	101	 <i>и г</i>	•

Center Freq 9.015000000	GHz PNO: Fast	Trig: Free Run #Atten: 4 dB	Avg Type:	Log-Pwr	TRAC	M May 30, 2014 E 2 4 5 E 2	Frequency
Ref Offset 14.01 dB				MI		90 GHz 12 dBm	Auto Tune
000 100 200			3	-10			Center Fred 9.015000000 GH:
			2			03	Start Free 30.000000 MH:
700 in o							Stop Free 18.000000000 GH:
Start 30 MHz Res BW 1.0 MHz WR MODE TRC SCL X			INCTION FUNC	Sweep		.000 GHz 1001 pts) NVALUE	CF Step 1.797000000 GH: Auto Mar
2         N         1         7         11           3         N         1         7         17           4         -         -         17           6         -         -         -         17           6         -         -         -         17           6         -         -         -         17           7         -         -         -         -         17           8         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -<	755 GHz 490 GHz 235 GHz	-60.23 dBm -70.42 dBm -70.52 dBm					Freq Offse 0 Hi
10 11 12				STATUS			

Antenna C

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### Conducted Spurs Average, 5755 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1



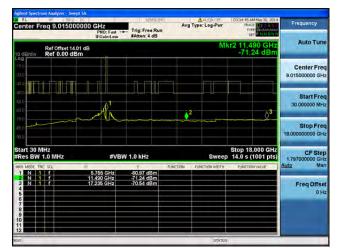


Antenna A

Center Freq 9.01500000		Trig: Free Run #Atten: 4 dB		e: Log-Pwr	03:31:16 AM May 30, 2014 TRACE 24 5 TYPE 001 P 10:001	Frequency
Ref Offset 14,01 dE				M	kr2 11.490 GHz -70.98 dBm	Auto Tune
100) 200						Center Free 9.015000000 GH:
410 410 500			2			Start Free 30.000000 MH:
70.0 en o en o	m					Stop Free 18.000000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VB	N 1.0 kHz		Sweep	Stop 18.000 GHz 14.0 s (1001 pts)	CF Step 1.797000000 GH
MKR MODE TRC SCL X	5.755 GHz	-61,36 dBm	ANCTION FU	NCTION WIDTH	FUNCTION VALUE	Auto Mar
3 N 1 7	11.490 GHz 17.235 GHz	-70.98 dBm -70.50 dBm				Freq Offse 0 H
7 8 9 10 11						
12				STATUS		

Antenna C





Antenna D

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### Conducted Spurs Average, 5755 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2



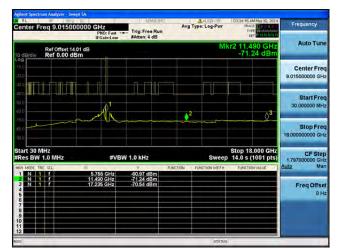




AL 87 500 DC Center Freq 9.015000000 GH		Avg T Run	ype: Log-Pwr	03:31:16 AM May 30, 2014 TRACE 2 4 5 TYPE DUT P NONNO	Frequency	
Ref Offset 14.01 dB Mkr2 11.490 GHz o dB/div Ref 0.00 dBm -70.98 dBm						
00 100					Center Free 9.015000000 GH:	
810 <b></b>	الــــــــــــــــــــــــــــــــــــ				Start Free 30.000000 MH	
	l	<b>^2</b>		\$ ³	Stop Free 18.00000000 GH	
Start 30 MHz #Res BW 1.0 MHz	#VBW 1.0 kHz		Swee	Stop 18.000 GHz 14.0 s (1001 pts)		
MKR MODE TRC SCL X	۲ GHz -61.36 dBr	PUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Mar	
2 N 1 f 11.490 3 N 1 f 17.235 4 5 6	GHz -70.98 dBr GHz -70.50 dBr	n n			Freq Offse 0 H	
8 9 9						
			STATU			

Antenna C



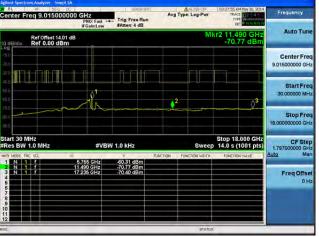


Antenna D

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### Conducted Spurs Average, 5755 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3



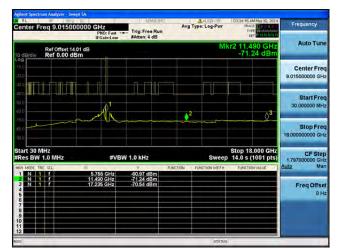




Center Freq 9.015000000 GHz PN0: Fast IFGainclow		Avg Type: Log-Pwr	03:31:16 AM May 30, 2014 TRACE 2 3 4 5 TYPE 044000000 Det P 10:0000000	Frequency
Ref Offset 14.01 dB 10 dB/div Ref 0.00 dBm		N	kr2 11.490 GHz -70.98 dBm	Auto Tune
10.0 20.0				Center Fre 9.015000000 GH
410 410 600		2	↓	Start Fre 30.000000 MH
700 en o				Stop Fre 18.000000000 GH
Start 30 MHz #Res BW 1.0 MHz #VBW	1.0 kHz	Swee	Stop 18.000 GHz p 14.0 s (1001 pts)	CF Ste 1.797000000 GH
MRF MOSE THC SCL X 1 N 1 7 5.755 GHz N 1 7 11.490 GHz 3 N 1 7 11.490 GHz 4 5 5	Y FU -61.36 dBm -70.98 dBm -70.50 dBm	NCTION FUNCTION WOTH	FUNCTION VALUE	Auto Ma Freq Offse 0 H
7 8 9 10 11 11 12				

Antenna C





Antenna D

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### Conducted Spurs Average, 5755 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1



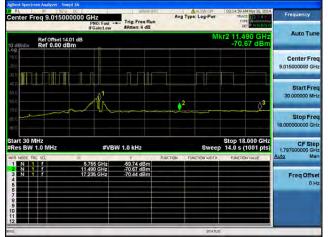


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### Conducted Spurs Average, 5755 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna B

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### Conducted Spurs Average, 5755 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1





Antenna A

nter Freq 9.01500000	OGHZ	Trig: Free Run KAtten: 4 dB	Avg Type: Log-Pwi	D4:25:46 AM May 30, 2014 TRACE 2 4 TYPE COT P NOTICE	Frequency
Ref Offset 14.01 dE	3.1		ſ	Akr2 11.490 GHz -71.05 dBm	Auto Tune
					Center Free 9.015000000 GH:
			2	↓ L	Start Free 30.000000 MH
				·¥	Stop Fre 18.000000000 GH
rt 30 MHz Is BW 1.0 MHz	#VBW 1	.0 kHz	Swe	Stop 18.000 GHz ep 14.0 s (1001 pts)	CF Ste 1.797000000 GH
MODE TRC SCL X			ACTION FUNCTION WIDT	H FUNCTION VALUE	Auto Ma
	11.490 GHz	65.09 dBm 71.05 dBm 70.38 dBm			Freq Offse 0 H

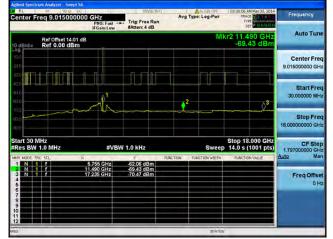
Antenna C

Antenna B

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### Conducted Spurs Average, 5755 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2



PNO: Fast	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	03:41:28 AM May 30, 2014 TRACE 12:04 TVPE V	Frequency
4.01 dB IBm		M	kr2 11.490 GHz -70.89 dBm	Auto Tune
				Center Free 9.015000000 GH
				Start Free
-h		2		Stop Free
				18.00000000 GH
#VBW	1.0 kHz	Sweep	Stop 18.000 GHz 14.0 s (1001 pts) FUNCTION VALUE	CF Step 1.797000000 GH Auto Mar
5.755 GHz 11.490 GHz 17.235 GHz	-51.76 dBm -70.89 dBm -70.62 dBm			Freq Offse
			STATUS	STATUS

Antenna A

enter		9.01500	0000 G	HZ PNO: Fast Gain:Low				e: Log-Pwr	TRA	M May 30, 2014 CE 2 4 5 PE 0 10 10 01	Frequency
0 dB/div		ef Offset 14. ef 0.00 dE						M		90 GHz 94 dBm	Auto Tune
0.0 21.0						n					Center Free 9.015000000 GH
a 6 a 6				1 1			2				Start Free 30.000000 MH
7138 50.0 93.0			~	m			Ľ				Stop Fre 18.000000000 GH
tart 30 Res B				#VE	3W 1.0 kHz			Sweep		3.000 GHz (1001 pts)	CF Ste 1.797000000 GH
KR MODE	TRC SI		8	55 GHz	-62.57 dE		CTION FU	NCTION WIDTH:	FUNCTION	ON VALUE	Auto Ma
2 N 3 4 6			11.49	90 GHz 35 GHz	-70.94 dE -70.48 dE	3m					Freq Offse 0 H
											1
6 7 8 9 0											

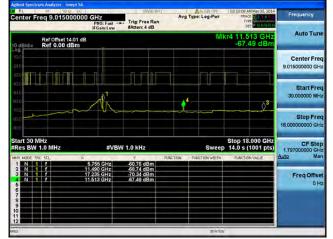
Antenna C

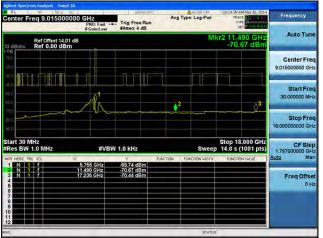
Antenna B

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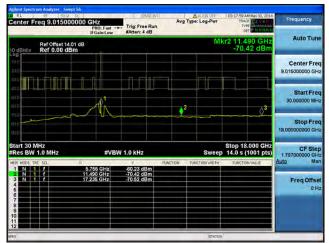


### Conducted Spurs Average, 5755 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3





Antenna A



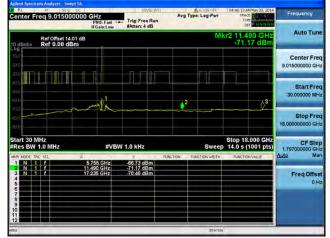
Antenna C

Antenna B

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### Conducted Spurs Average, 5755 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1



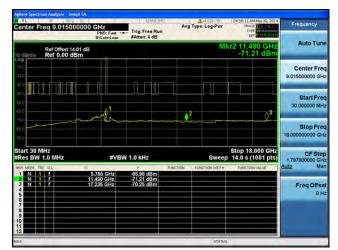


Antenna A

Center Freq 9.015000000	GHz PNO: Fast	Trig: Free Run #Atten: 4 dB		e: Log-Pwr	D4:52:53 AM May 30, 2014 TRACE 2 4 TYPE WARMAN	Frequency
Ref Offset 14.01 dB				M	kr2 11.490 GHz -71.25 dBm	Auto Tune
10.0						Center Free 9.015000000 GH:
200						Start Free 30.000000 MH
70.0	-h		2		3	
40.0 91.0						Stop Free 18.00000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VB	V 1.0 KHz		Sweep	Stop 18.000 GHz 14.0 s (1001 pts)	CF Step 1.797000000 GH
MKR MODE TRC SCL X	5.755 GHz	-66,41 dBm	INCTION FU	NCTION WIDTH :	FUNCTION VALUE	Auto Ma
2 N 1 7 11 3 N 1 7 11 4 6	1.490 GHz 7.235 GHz	-71.25 dBm -70.43 dBm				Freq Offse 0 H
7 8 9 10						
11						

Antenna C





Antenna D

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### Conducted Spurs Average, 5755 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2



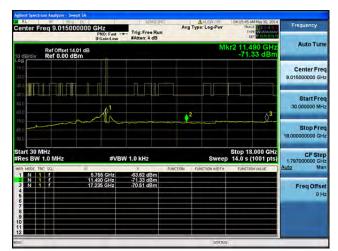




Center Freq 9.015000000 GHz	st Trig: Free Run	Avg Type: Log-Pwr	04:12:16 AM May 30, 2014 TRACE 2 4 TYPE CET P NO NUT	Frequency
Ref Offset 14.01 dB 0 dB/div Ref 0.00 dBm		Μ	kr2 11.490 GHz -71.11 dBm	Auto Tune
10 0 20 0				Center Free 9.015000000 GH
			↓	Start Free 30.000000 MH
700 600 910				Stop Fre 18.000000000 GH
Start 30 MHz #Res BW 1.0 MHz #	VBW 1.0 kHz	Swee	Stop 18.000 GHz p 14.0 s (1001 pts)	CF Step 1.797000000 GH
MKR MODE TRC SCL X	y -64,39 dBm	FUNCTION EUNCTION WIDTH	FUNCTION VALUE	Auto Mar
2 N 1 f 11.490 GH 3 N 1 f 17.235 GH 4 5 6	z -71.11 dBm			Freq Offse 0 H
7 8 9 10				
50		STATU		

Antenna C



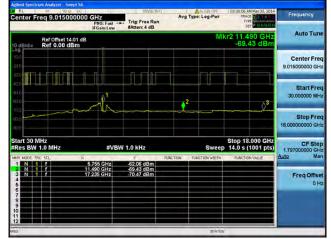


Antenna D

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### Conducted Spurs Average, 5755 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3



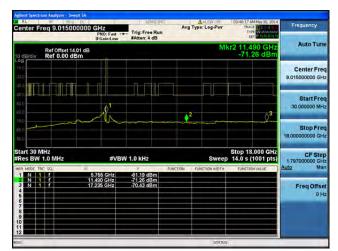




Center Freq 9.015000000	GHZ PNO: Fast - IFGain:Low	Trig: Free Run #Atten: 4 dB	Avg Ty	ALIGNOR pe: Log-Pwr	03:44:53 AM May 30, 201- TRACE 2 4 F TYPE DOTIONN	Frequency
Ref Offset 14.01 dB				M	kr2 11.490 GHz -70.94 dBm	
10 0						Center Free 9.015000000 GH
	 1					Start Fre- 30.000000 MH
	m		²		\$ ³	Stop Free 18.000000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VB	W 1.0 kHz		Swee	Stop 18.000 GHz 14.0 s (1001 pts)	CF Ste 1.797000000 GH
MKR MODE TRC SCL X	5.755 GHz	-62.57 dBm	FUNCTION F	UNCTION WIDTH	FUNCTION VALUE	Auto Mar
2 N 1 F 1	1.490 GHz 7.235 GHz	-70.94 dBm -70.48 dBm				Freq Offse 0 H
7 8 9 10						
12						

Antenna C





Antenna D

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### Conducted Spurs Average, 5755 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1





Antenna A

Antenna B

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### Conducted Spurs Average, 5755 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1



Center Freq 9.01500000		Trig: Free Run		e: Log-Pwr	03:14:39 AM May 30, 201- TRACE 2 4 TVPE DET P //11/11/1	Frequency
Ref Offset 14.01 dE				M	r2 11,490 GHz -70.67 dBm	
						Center Freq 9.015000000 GHz
10.0	-th		¢2		03	Start Fred 30,000000 MH;
810						Stop Free 18.000000000 GH:
tart 30 MHz Res BW 1.0 MHz	#VBV	/ 1.0 kHz		Sweep		
Mith         Money         File         Soc.         Soc           2         N         1         f	5.755 GHz 11.490 GHz 17.235 GHz	-59,74 dBm -70,67 dBm -70,44 dBm	UNCTION FO	NCTION WIDTH	FUNCTION VALUE	Freq Offset 0 Hz
2				STATUS		

Antenna A

enter Freq 9.01500000				e: Log-Pwr	03:17:59 AM May 30, 2 TRACE 2 4 TYPE 011	Frequency
Ref Offset 14.01 d 0 dB/div Ref 0.00 dBm	в			M	kr2 11.490 GH -70.42 dB	
00 00						Center Free 9.015000000 GH:
						Start Free 30.000000 MH:
ud	MA		¢ ²		0	
						Stop Free 18.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VB	W 1.0 KHz		Sweep	Stop 18.000 Gi 14.0 s (1001 pi	
KR MODE TRC SCL 3	5.755 GHz	-60.23 dBm	UNCTION FU	NCTION WIDTH :	FUNCTION VALUE	Auto Mar
	11.490 GHz 17.235 GHz	-70.52 dBm -70.52 dBm				Freq Offset 0 Ha
6 7 8 9 0						
2						

Antenna C

Antenna B

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### Conducted Spurs Average, 5755 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1



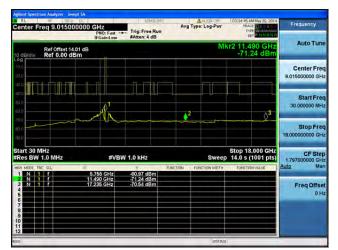


Antenna A

AL 85 500 00 Center Freq 9.015000000		Trig: Free Run #Atten: 4 dB		ALIGNOR	03:31:16 AM May 30, 2014 TRACE 2 4 5 TYPE Workshow	Frequency
Ref Offset 14.01 dB				M	kr2 11.490 GHz -70.98 dBm	Auto Tune
100 210 210						Center Free 9.015000000 GH
	 		2			Start Fre 30.000000 MH
70.0 et 0 et 0	m					Stop Fre 18.00000000 GH
Start 30 MHz Res BW 1.0 MHz	#VB	W 1.0 kHz		Sweep	Stop 18.000 GHz 14.0 s (1001 pts)	CF Ste 1.797000000 GH
MKR MODE TRC SCL X	5.755 GHz	-61.36 dBm	UNCTION FU	INCTION WIDTH	FUNCTION VALUE	Auto Ma
2 N 1 F 3 N 1 F 6	11.490 GHz 17.235 GHz	-70.98 dBm -70.50 dBm				Freq Offse 0 H
7 8 9 10						
12 <b>12 12 12 12 12</b>				STATUS		1

Antenna C





Antenna D

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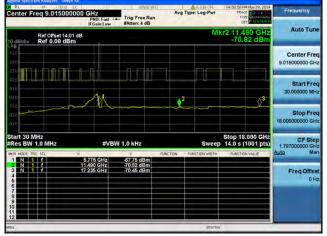
#### Conducted Spurs Average, 5775 MHz, Non HT/VHT80, 6 to 54 Mbps



Antenna A

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### Conducted Spurs Average, 5775 MHz, Non HT/VHT80, 6 to 54 Mbps



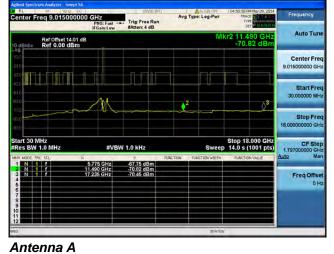


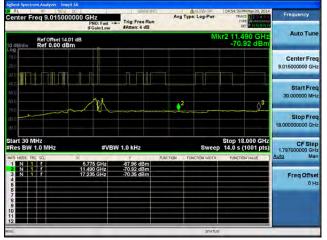
Antenna A

Antenna B

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### Conducted Spurs Average, 5775 MHz, Non HT/VHT80, 6 to 54 Mbps





Antenna B

Ref Offset 140 r dB         Mikr 2 11,490 GHz         Center           00 Bildiv         Ref 0.00 dBm         -71-12 dBm         Center         9.01500000           00 Bildiv         Ref 0.00 dBm         -71-12 dBm         Center         9.01500000           00 Bildiv         Ref 0.00 dBm         -71-12 dBm         Center         9.01500000           00 Bildiv         Ref 0.00 dBm         -71-12 dBm         Center         9.01500000           00 Bildiv         Ref 0.00 dBm         -71-12 dBm         Center         9.01500000           00 Bildiv         Ref 0.00 dBm         -71-12 dBm         Center         9.01500000           00 Bildiv         Ref 0.00 dBm         -71-12 dBm         Stop 15.000 GHz         Stop 15.000 GHz           01 N 0 HHz         #VBW 1.0 kHz         Sweep 14.0 s (1001 pts)         1.7970GHz         -71.12 dBm           01 N 1 f         114.90 GHz         -71.12 dBm         Pacter         Pacter         Pacter           01 N 1 f         114.90 GHz         -71.12 dBm         Pacter         Pacter         Pacter           01 N 1 f         114.90 GHz         -71.12 dBm         Pacter         Pacter         Pacter         Pacter           01 N 1 f         114.90 GHz         -71.12 dBm         Pact	enter Freq 9.01500000	Frequency
Stop         Stop         18.000         Stop         2.000         Stop         2.	dB/div Ref 0.00 dBm	
All         Freq         All	a.ç.	Center Fre 9.015000000 GH
Stop         Stop <th< td=""><td></td><td>Start Fre 30.000000 MH</td></th<>		Start Fre 30.000000 MH
Res BW 1.0 MHz         #VBW 1.0 kHz         Sweep         14.0 s (1001 pts)         1,7970000           Nn Mot, Thr. Stor.         5776 GHz         -7         Rancton         Restown         Restown	0.0	Stop Fre 18.00000000 GH
1 N 1 f 5775 GHz - 4758 dBm 2 N 1 f 1149 GHz - 712 dBm 3 N 1 f 117235 GHz7047 dBm 6 J 1 7 17235 GHz7047 dBm		(S) 1.797000000 GH
3 N 1 f 17235 GHz	1 N 1 7	Auto Ma
	3 N 1 7 4 6 6 7 8	Freq Offs 0 H

Antenna C

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#### nter Freq 9.015000000 GHz Avg Type: Trig: Free Run Auto Tun Ref Offset 14.01 dB Ref 0.00 dBm Center Fre 9.015000000 GH Start Fre 30.000000 M Stop Fre 18.00 Stop 18.000 GHz Sweep 14.0 s (1001 pts) CF Ste V 1.0 kHz 1,79700 M 5.775 GHz 11.490 GHz 17.235 GHz 67.83 dBr 70.97 dBr 70.32 dBr Freq Offs 01

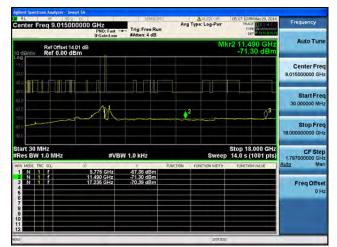


Antenna A

Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	05:13:21 PM May 29, 2014 TRACE 2 4 F Type Women and Company	Frequency
	М	kr2 11.490 GHz -71.05 dBm	Auto Tune
			Center Free 9.015000000 GH
	2	ـــــــــــــــــــــــــــــــــــــ	Start Free 30.000000 MH
		V-	Stop Free 18.000000000 GH
W 1.0 kHz			CF Ste 1.797000000 GH Auto Ma
-68.06 dBm -71.05 dBm -70.29 dBm		EDITETION MODE	Freq Offse 0 H
	<ul> <li>Trig: Free Run EAton: 4 dB</li> <li>W 1.0 KHz</li> <li>W 1.0 KHz</li> <li>W 71.0 KHz</li> </ul>	Trig: Free Run RAten: d dB M M Avg Type: Log-Pur Avg Type: Log-Pur M M M M M M M M M M M M M	Arg Type: Leg.Pur         That Bit arg           Trig: Free Run         Bit arg           State:: 4 dB         Mkr2 11,490 GHz           Mkr2 11,490 GHz           9 Mkr2 11,490 GHz           4         4           4         3           4         3           Stop 18,000 GHz           50 60 GBm         Factor with T           9 Mkr21 Lag.Pur

Antenna C





Antenna D

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### Conducted Spurs Average, 5775 MHz, Non HT/VHT80, 6 to 54 Mbps



#### Conducted Spurs Average, 5775 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1



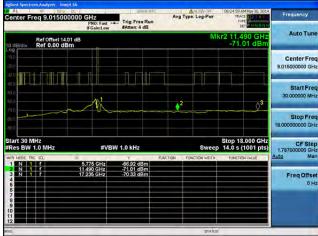
Antenna A

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### Conducted Spurs Average, 5775 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1





Antenna A

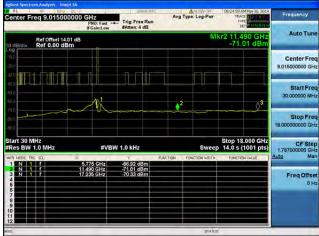
Antenna B

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### Conducted Spurs Average, 5775 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2





Antenna A

Antenna B

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### Conducted Spurs Average, 5775 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1



enter Freq 9.0150000		- Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	08:40:09 AM May 30, 2014 TRACE 12 4 TVPE WARKED	Frequency
Ref Offset 14.01	18		Ν	Akr2 11.490 GHz -71.01 dBm	Auto Tune
	<u>й п</u>				Center Freq 9.015000000 GHz
			+2		Start Free 30,000000 MH:
					Stop Free 18.00000000 GH:
tart 30 MHz Res BW 1.0 MHz	_	/ 1.0 kHz	Swee		CF Step 1.797000000 GH: Auto Mar
1 N 1 7 2 N 1 7 3 N 1 7 4 4 6	* 5.775 GHz 11.490 GHz 17.235 GHz	-71.01 dBm -71.01 dBm -70.60 dBm	FUNCTION FUNCTION WIDT	H. FUNCTION VALUE	Freq Offset 0 Hz
			TATE		

Antenna B

Antenna A
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enter Freq 9.01500000	0 GHz PNO: Fast IFGain:Low	Trig: Free Run #Atten: 4 dB	Avg Type:	Log-Pwr	DBH3:55 AM TRACE TYPE DET		Frequency
Ref Offset 14.01 dE	3			MI	(r2 11.49 -71.2	0 GHz 4 dBm	Auto Tune
							Center Fred 9.015000000 GH:
			2				Start Free 30.000000 MH
	-n					<u>3</u>	Stop Free 18.00000000 GH
tart 30 MHz Res BW 1.0 MHz	#VB	W 1.0 kHz		Sweep	Stop 18. 14.0 s (1	000 GHz 001 pts)	CF Step 1.797000000 GH
	1		NCTION FUNC	TION WIDTH	FUNCTION	VALUE	Auto Ma
KR MODE TRC SCL X	5.775 GHz	-66.99 dBm					
1 N 1 F	5.775 GHz 11.490 GHz 17.235 GHz	-66.99 dBm -71.24 dBm -70.51 dBm					Freq Offse 0 H
1 N 1 F	11.490 GHz	-71.24 dBm					

Antenna C

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#### Conducted Spurs Average, 5775 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2



					DE	Photom	
-				MI	kr2 11.4 -71.0	90 GHz 01 dBm	Auto Tune
0							Center Fred 9.015000000 GHz
							Start Free 30,000000 MH
-Ri			2			<b>3</b>	Stop Free
							18.00000000 GHz
#VBW	1.0 kHz			Sweep	Stop 18. 14.0 s (	1001 pts)	CF Step 1.797000000 GH
775 GHz	-67 26 dBm		ION FL	NCTION WIDTH	FUNCTION	VALUE	Auto Mar
490 GHz 235 GHz	-71.01 dBm -70.60 dBm						Freq Offse 0 H:
5	#VBW 775 GHz 990 GHz 933 GHz	#VBW 1.0 kHz #775 GHz #39 GHz 7101 dBr	#VBW 1.0 kHz #VBW 1.0 kHz 775 GHz 47.26 gBm 90 GHz - 71.01 dBm	#VBW 1.0 kHz #VBW 1.0 kHz 775 6Hz - 47.86 dBm F8Action F0 90 6Hz - 7101 dBm	#VBW 1.0 kHz         Sweep           #VBW 1.0 kHz         Sweep           7/5 6He         -7/2 6 8m           90 6He         -7/10 6Bm	#VBW 1.0 kHz         Stop 18.           #VBW 1.0 kHz         Sweep 14.0 s (from the second secon	#VBW 1.0 kHz         Stop 18.000 GHz           #VBW 1.0 kHz         Step 18.000 GHz           \$50 FBL         \$75 GHz           \$775 GHz         \$72 GBm           \$90 GHz         -71 01 dBm           \$28 GHz         -70 60 dBm

Antenna A

enter Freq 9.015000000		Trig: Free #Atten: 4 d	Run		e: Log-Pwr	TRACE	May 30, 2014	Frequency Auto Tune	
Ref Offset 14.01 dB	dB/div Bef 0.00 dBm -71.24 dBm								
a.ç.								Center Fred 9.015000000 GH:	
								Start Free 30.000000 MH	
	-1i			• ²			<u>3</u>	Stop Free 18.000000000 GH	
art 30 MHz Res BW 1.0 MHz	#VB	W 1.0 kHz			Sweep	Stop 18. 14.0 s (1		CF Step 1.797000000 GH	
	5.776 GHz	-66.99 dBi -71.24 dBi	m	CTION EU	NCTION WIDTH	FUNCTION	VALUE	Auto Mar	
	235 GHz	-70.51 dB	n					Freq Offse 0 H	

Antenna C

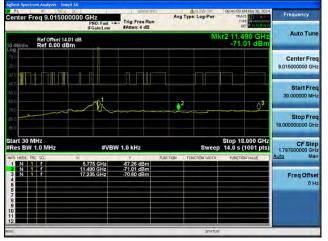
Antenna B

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### Conducted Spurs Average, 5775 MHz, HT/VHT80, M16 to M23, M0.3 to M9.3





Antenna B

Antenna A	
-----------	--

enter Freq 9.01500000	D GHz PNO: Fast - IFGain:Low	Trig: Free Run #Atten: 4 dB	Avg Type:	Log-Pwr	TRACE	Frequency		
Ref Offset 14.01 dB	3		Mkr2 11.490 GHz -71.24 dBm					
						Center Fred 9.015000000 GH:		
	-101 101		2			Start Free 30.000000 MH		
no internet interne						Stop Free 18.000000000 GH		
tart 30 MHz Res BW 1.0 MHz	#VB	W 1.0 KHz		Sweep	Stop 18.000 14.0 s (1001	GHz pts) CF Step		
	5.775 GHz	-66.99 dBm	NCTION FUNC	TION WIDTH :	FUNCTION VALU	E Auto Mar		
	11.490 GHz 17.235 GHz	-71.24 dBm -70.51 dBm				Freq Offse 0 H		
7 <b>1 1 1 1 1 1 1 1 1 1</b>								
2								

Antenna C

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### Conducted Spurs Average, 5775 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1



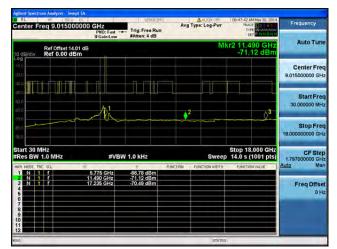


Antenna A

Center Freq 9.015000000	GHZ PNO: Fast	Trig: Free Run #Atten: 4 dB		e: Log-Pwr	08:43:55 AM May 30, 2014 TRACE 2 4 F TYPE COT P N CONVE	Frequency Auto Tune			
Ref Offset 1401 dB Mkr2 11.490 GHz Ref 0.00 dBm -71.24 dBm -71.24 dBm									
20.0						Center Free 9.015000000 GH			
200						Start Fre 30.000000 MH			
ец о 70 à	-th		¢ ²						
60.0 61.0						Stop Fre 18.00000000 GH			
Start 30 MHz #Res BW 1.0 MHz	#VB	W 1.0 KHz		Sweep	Stop 18.000 GHz 14.0 s (1001 pts)	CF Step 1.797000000 GH			
MKR MODE TRC SCL X	5.775 GHz	9 -66.99 dBm	UNCTION FU	NCTION WIDTH	FUNCTION VALUE	Auto Ma			
2 N 1 F 1	1.490 GHz 7.235 GHz	-71 24 dBm -70 51 dBm				Freq Offse 0 H			
7 8 9 10									
11									

Antenna C





Antenna D

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### Conducted Spurs Average, 5775 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2



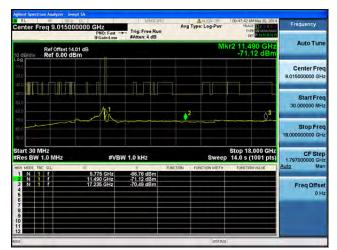




enter Freq 9.01500000		Trig: Free Run #Atten: 4 dB		ALIGN CHE	DB:43:55 AM May 30, 201 TRACE 2 4 F TYPE DO TO	Frequency
Ref Offset 14,01 dB dB/div Ref 0.00 dBm	Auto Tune					
00 00						Center Freq 9.015000000 GHz
						Start Free 30.000000 MHz
	-li		2 2			Stop Freq 18.000000000 GHz
tart 30 MHz Res BW 1.0 MHz	#VB	W 1.0 kHz		Sweep	Stop 18.000 GHz 14.0 s (1001 pts	CF Step 1.797000000 GHs
KR MODE TRC SCL X	5.775 GHz	γ F -66.99 dBm	INCTION B	INCTION WIDTH	FUNCTION VALUE	Auto Man
	11,490 GHz 17,235 GHz	-71.24 dBm -70.51 dBm				Freq Offset 0 Hz
7						
2				STATU		

Antenna C





Antenna D

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### Conducted Spurs Average, 5775 MHz, HT/VHT80, M16 to M23, M0.3 to M9.3



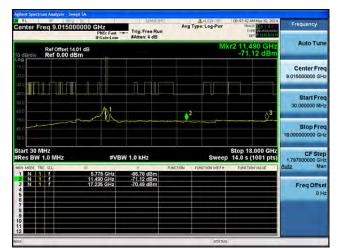




Center Freq 9.015000000 GHz PND: Fast →→ IFGainct.ow		Avg Type: Log-Pwr	08043255 AM May 30, 2014 TRACE 2 4 5 TYPE WARAGAM	Frequency
Ref Offset 14.01 dB	Auto Tune			
10.0 21.0				Center Fred 9.015000000 GH:
				Start Free 30.000000 MH
		2	\$ ³ .	Stop Free 18.000000000 GH
Start 30 MHz #Res BW 1.0 MHz #VBW	1.0 kHz	Swee	Stop 18.000 GHz 14.0 s (1001 pts)	CF Step 1.797000000 GH
MR1 MODE THC SQL X1 1 N 1 f 5775 GHz 2 N 1 f 11450 GHz 3 N 1 f 11450 GHz 4 N 1 f 17235 GHz 5 775 GHz 7 17235 GHz	7 Eu -66.99 dBm -71.24 dBm -70.51 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar Freq Offset 0 Ha
8 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10				

Antenna C





Antenna D

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Avg Type: Log-P

Trig: Free Run

W 1.0 kHz

-67.33 dBm -70.75 dBm -70.21 dBm

5.775 GHz 11.490 GHz 17.235 GHz



uluilu cisco

### Conducted Spurs Average, 5775 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1

Auto Tun

Start Fre

Stop Fre

Ma

CF Step 1.797000000 CH

Freq Offse

18.00

Stop 18.000 GHz Sweep 14.0 s (1001 pts)

30.000000 M

Center Fre 9.015000000 GH

Antenna A

enter Freq 9.015000000 GHz

Ref Offset 14.01 dB Ref 0.00 dBm

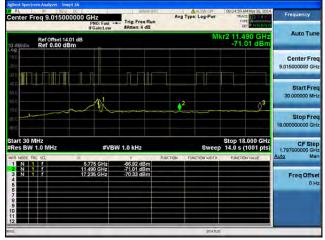


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### Conducted Spurs Average, 5775 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna B

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### Conducted Spurs Average, 5775 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1



enter Freq 9.0150000		- Trig: Free Run #Atten: 4 dB		Allan cas	TRAC	4 May 30, 2014	Frequency
Ref Offset 14.01 Bidiv Ref 0.00 dBm	dB			M	kr2 11.4 -71.3	90 GHz 24 dBm	Auto Tune
16 10							Center Fred 9.015000000 GH:
							Start Free 30,000000 MH
	ph		¢ ²			<b>∂</b> ³	30,00000 MH:
16							Stop Free 18.00000000 GH
art 30 MHz Res BW 1.0 MHz	#VBW	1.0 kHz		Sweep	Stop 18. 14.0 s (*	000 GHz 1001 pts)	CF Step 1.797000000 GH
R MODE TRE SCL	× 5.775 GHz 11.490 GHz 17.235 GHz	7 -69.28 dBm -71.24 dBm -70.30 dBm	FUNCTION FI	UNCTION WIDTH	FUNCTION	VVALUE.	Auto Mar
	17.235 GHZ	-70,30 dBm					Freq Offse 0 Hi
				_			
3				STATUS			

Antenna A

enter F	req 9	.015000	0000 G	HZ NO: Fast Gain:Low	20.0			e: Log-Pwr	TRA	M May 30, 2014	Frequency
dB/div		Offset 14.0 0.00 dB						M		90 GHz 21 dBm	Auto Tune
10											Center Free 9.015000000 GH
											Start Fre 30.000000 MH
			~	ngi			¢ ²			3	Stop Fre 18.00000000 GH
art 30 M Res BW		IHz		#VE	BW 1.0 KH2	2		Sweep	Stop 18 14.0 s (	.000 GHz 1001 pts)	CF Ste 1.797000000 GH
A MODE TR			8		.4		NCTION EL	INCTION WIDTH	FUNCTIO	N VALUE	Auto Ma
N	1 1		11.49	75 GHz 90 GHz 95 GHz	-69.18 ( -71.21 ( -70.43 (	iBm					Freq Offse 0 H
6 <b>1</b> 7 <b>1</b> 8 <b>1</b>											

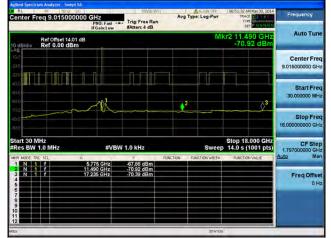
Antenna C

Antenna B

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### Conducted Spurs Average, 5775 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2



enter Freq 9.015000000 GHz PNO: Fast ++-		Trig: Fre			allow ore a: Log-Pwr	TRAC	M May 30, 2014	Frequency
Ref Offset 14.01 dB	IFGaint ow	Potten. 4	Auto Tune					
	0							Center Fred 9.015000000 GH:
	200 ¹			2			03	Start Free 30.000000 MH
								Stop Fred 18.00000000 GH2
art 30 MHz Res BW 1.0 MHz R MODE TRE SCL X	#VBW	Y		ICTION FU	Sweep NCTION WOTH	Stop 18 14.0 s (	.000 GHz 1001 pts)	CF Step 1.797000000 GH Auto Mar
2 N 1 F 1 3 N 1 F 1 6 6 7	5.775 GHz 1.490 GHz 7.235 GHz	-57.95 dl -71.21 dl -70.61 dl	Bm					Freq Offset 0 Hz
9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9					STATUS			

Antenna A

enter Fr	eq 9.015000		Trig: Free Run #Atten: 4 dB		ALICH CHE		v 30, 2014	Frequency			
0 dB/div	Ref Offset 14.01 dB Mkr2 11.490 GHz dB/div Ref 0.00 dBm -71.08 dBm										
100 200		T D		_			_	Center Free 9.015000000 GH			
47.0 500				2			2	Start Free 30.000000 MH			
700 60.0 63.0		m					<b>∆</b> ³	Stop Free 18.000000000 GH			
Start 30 M Res BW 1		#VI	3W 1.0 kHz		Sweep	Stop 18.00 14.0 s (100		CF Step 1.797000000 GH			
KR MODE TRO	SCL	× 5.775 GHz	-67.70 dBm	FUNCTION B.	INCTION WIDTH	FUNCTION VA	UUE .	Auto Mar			
		5.775 GHz 11.490 GHz 17.235 GHz	-71.08 dBm -70.42 dBm					Freq Offse 0 H			
7 8 9 10											

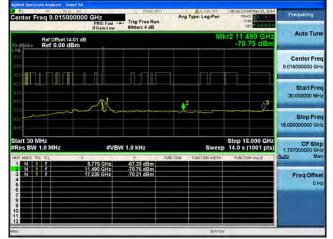
Antenna C

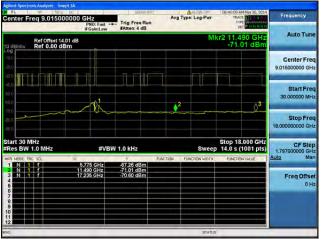
Antenna B

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### Conducted Spurs Average, 5775 MHz, HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3





Antenna A

enter Freq 9.015000000		Trig: Free Run #Atten: 4 dB		e: Log-Pwr	DB-43:35 AM May 30, 201 TRACE 2 4 5 TYPE CONTRACT PROVIN	Frequency
Ref Offset 14.01 dB dB/div Ref 0.00 dBm	Auto Tune					
			7.			Center Fred 9.015000000 GH:
			2			Start Free 30,000000 MHz
					\$ ³	Stop Free 18.000000000 GH:
tart 30 MHz Res BW 1.0 MHz	#VB	N 1.0 kHz		Swee		1.797000000 GH
2 N 1 F 1	5.775 GHz 1.490 GHz 7.235 GHz	7 R -66.99 dBm -71.24 dBm -70.51 dBm	INCTION EU	NCTION WIDTH	FUNCTION VALUE	Auto Mar Freg Offset
4						0 H

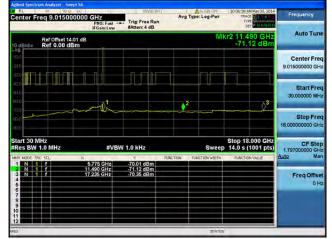
Antenna C

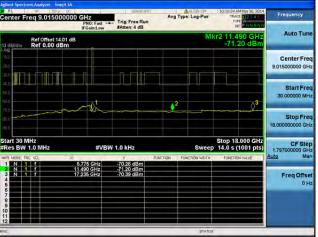
Antenna B

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## Conducted Spurs Average, 5775 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1



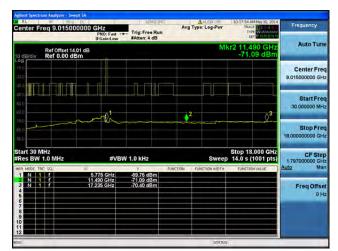


Antenna A

Center Freq 9.01500000		Trig: Free Run	Avg Type	Log-Pwr	10:14:09 AM May 30, 20: TRACE 24 TYPE 00:14	Frequency
Ref Offset 14.01 dB				٨	1kr4 5.116 GH: -64.44 dBn	
						Center Fred 9.015000000 GH:
210 210 210						Start Free 30.000000 MH
70.0 60.0 93.0	-li		\$ ²		\$ ³	Stop Free 18.000000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VB	N 1.0 kHz		Sweep	Stop 18.000 GH 14.0 s (1001 pts	1.797000000 GH
	5.775 GHz	-70.02 dBm	INCTION FUNC	TION WIDTH :	FUNCTION VALUE	Auto Mar
3 N 1 7	11.490 GHz 17.235 GHz 5.116 GHz	-71 26 dBm -70 52 dBm -64 44 dBm				Freq Offse 0 H
7 8 9 10 11						
12				STATUS	1	

Antenna C





Antenna D

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### Conducted Spurs Average, 5775 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2



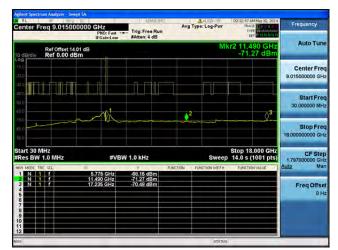




Center Freq 9.015000000 GHz PN0: Fast IFGaint ov	Trig: Free Run	Avg Type: Log-Pwr	09:29:01 AM May 30, 2014 TRACE 2 4 F TYPE COT P NONNO	Frequency
Ref Offset 14.01 dB		M	kr2 11.490 GHz -71.35 dBm	Auto Tune
200 100 ວ່າຍ				Center Free 9.015000000 GH
				Start Fre 30.000000 MH
		2	\$ ³	Stop Fre 18.000000000 GH
Start 30 MHz #Res BW 1.0 MHz #V	BW 1.0 kHz	Sweet	Stop 18.000 GHz 14.0 s (1001 pts)	CF Ste 1.797000000 GH
MRR MODE TRC SCL. X 1 N 1 f 5.775 GHz 2 N 1 f 11.490 GHz 3 N 1 f 11.490 GHz 4 17.235 GHz 6	Y R -59.92 dBm -71.35 dBm -70.55 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma Freq Offse 0 H
7 8 9 10 11				

Antenna C



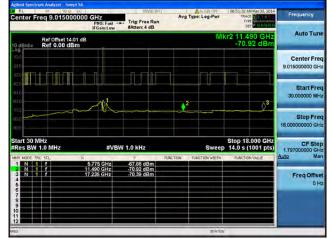


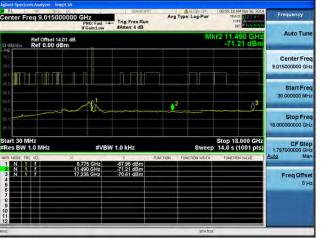
Antenna D

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### Conducted Spurs Average, 5775 MHz, HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3



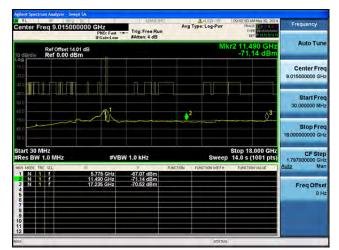




Center Freq 9.015000000 GHz PND: Fast IFGainclow		Avg Type: Log-Pwr	08:59:02 AM May 30, 2014 TRACE 2 4 TYPE WOMMONT	Frequency
Ref Offset 14.01 dB		MI	r2 11.490 GHz -71.08 dBm	Auto Tune
210				Center Free 9.015000000 GH
				Start Fre 30.000000 MH
710 600 810		2		Stop Fre 18.00000000 GH
Start 30 MHz #Res BW 1.0 MHz #VB\	W 1.0 kHz	Sweep	Stop 18.000 GHz 14.0 s (1001 pts)	CF Step 1.797000000 GH
MR NOR, TRC SQ. 8 1 N 1 / 5.775 GHz 2 N 1 / 11.480 GHz 3 N 1 / 11.480 GHz 4 / 17.235 GHz 6 7 8	Y Fi -57.70 dBm -71.08 dBm -70.42 dBm	NOTION FUNCTION WIGTH :	FUNCTION VALUE	Auto Mai Freq Offse 0 H

Antenna C





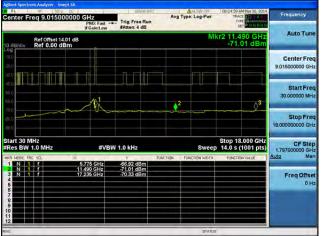
Antenna D

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## Conducted Spurs Average, 5775 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1





Antenna A

Antenna B

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#### Conducted Spurs Average, 5775 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1



Center Freq 9.01500000				E Log-Pwr	08:40:09 AM May 30, TRACE 12 TVPE V DET PTUT	Frequency
Ref Offset 14.01 dE				MI	r2 11.490 G -71.01 dE	
						Center Freq 9.015000000 GHz
0.0	-10 ¹		2			Start Free 30,000000 MH:
Ro					v	Stop Free 18.00000000 GH:
tart 30 MHz Res BW 1.0 MHz KR MODE TRE SCL X		1.0 kHz	INCTION FUR	Sweep	Stop 18.000 G 14.0 s (1001 p	
1 N 1 f 2 N 1 f 3 N 1 f 4 6 6 7	5.775 GHz 11.490 GHz 17.235 GHz	-57 26 dBm -71.01 dBm -70.60 dBm			YONCHON YACU	Freq Offset 0 Hz
				STATUS		

Antenna A

enter Freq 9.015000000				ALICH CHE	TRACE 2 4 5 TYPE CET P NOTING	Frequency
Ref Offset 14.01 dB	Auto Tune					
a.ç.						Center Fred 9.015000000 GH:
						Start Free 30.000000 MH
10	-th		• ²		\$ ³	Stop Fred
n o 1.0						18.00000000 GH
tart 30 MHz Res BW 1.0 MHz	#VB	W 1.0 kHz		Sweep	Stop 18.000 GHz 14.0 s (1001 pts)	
KR MODE TRC SCL. X	5.775 GHz	7 F	INCTION F	UNCTION WIDTH	FUNCTION VALUE	Auto Mar
2 N 1 F 1'	490 GHz 235 GHz	-71.24 dBm -70.51 dBm				Freq Offset 0 Ha

Antenna C

Antenna B

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#### Conducted Spurs Average, 5775 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1



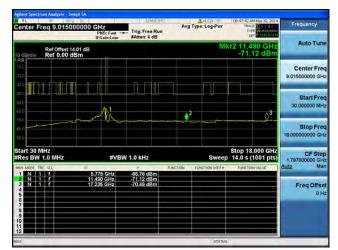




Center Freq 9.015000000 GHz PND: Fast →→ IFGainct.ow		Avg Type: Log-Pwr	08043255 AM May 30, 2014 TRACE 2 4 F TYPE WARAGAN	Frequency
Ref Offset 14.01 dB		M	kr2 11.490 GHz -71.24 dBm	Auto Tune
10.0 21.0				Center Fred 9.015000000 GH:
				Start Free 30.000000 MH
		2	\$ ³ .	Stop Free 18.000000000 GH
Start 30 MHz #Res BW 1.0 MHz #VBW	1.0 kHz	Swee	Stop 18.000 GHz 14.0 s (1001 pts)	CF Step 1.797000000 GH
MR1 MODE THC SQL X1 1 N 1 f 5775 GHz 2 N 1 f 11450 GHz 3 N 1 f 11450 GHz 4 N 1 f 17235 GHz 5 775 GHz 7 17235 GHz	7 Eu -66.99 dBm -71.24 dBm -70.51 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar Freq Offset 0 Ha
8 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10				

Antenna C





Antenna D

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#### Conducted Spurs Average, 5785 MHz, Non HT/VHT20, 6 to 54 Mbps



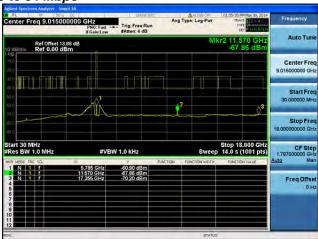
Antenna A

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# cisco

## Conducted Spurs Average, 5785 MHz, Non HT/VHT20, 6 to 54 Mbps





Antenna A

Antenna B

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# cisco

## Conducted Spurs Average, 5785 MHz, Non HT/VHT20, 6 to 54 Mbps



enter Freq 9.01500000	0 GHz PNO: Fast	Trig: Free Run	Avg Type:	Log-Pwr	02:20:44 PM May 30, 20 TRACE 12 4 TVPE DET P RULES	Frequency
Ref Offset 13.88 dE	3			MI	r2 11.570 GH -69.45 dBr	Auto Tune
						Center Fred 9.015000000 GH:
40 0 60 0 50 0						Start Free 30,000000 MH
					\$ ³	Stop Free 18.00000000 GH
tart 30 MHz Res BW 1.0 MHz		1.0 kHz		Sweep		CF Step 1.797000000 GH
	5.785 GHz 11.570 GHz 17.355 GHz	-52.40 dBm -69.45 dBm -70.26 dBm	FUNCTION FUNC	TION WOTH	FUNCTION VALUE	Freq Offse 0 Hi
7 8 9 0 1						
ia in the second s				STATUS		

Antenna B

Center Freq 9.015000000 (	PNO: Fast -	Trig: Free Run #Atten: 4 dB		Log-Pwr	02:23:36 PM May 30, 201 TRACE 2 4 5 TYPE 001 P 10 0 10	Frequency
Ref Offset 13.88 dB 0 dB/div Ref 0.00 dBm				MI	r2 11.570 GH: -70.34 dBm	
000 000 000 000						Center Free 9.015000000 GH:
			2			Start Free 30.000000 MH
						Stop Free 18.000000000 GH
Start 30 MHz Res BW 1.0 MHz	#VB	W 1.0 kHz			Stop 18.000 GH: 14.0 s (1001 pts	
2 N 1 F 11.	785 GHz 570 GHz	-62.33 dBm -70.34 dBm	INCTION FUN	CTION WIDTH :	FUNCTION VALUE	
3 N 1 / 17. 6 6 7 8 9 9	355 GHz	-70.39 dBm				Freq Offse 0H

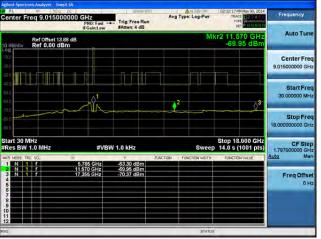
Antenna C

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# cisco

#### Conducted Spurs Average, 5785 MHz, Non HT/VHT20, 6 to 54 Mbps



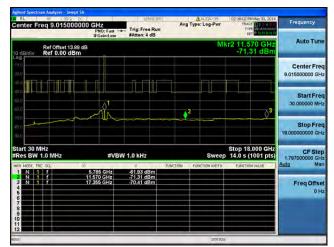


Antenna A

RL 38 399 00 Center Freq 9.015000000 G	HZ PNO: Fast Gain:Low #Atten: 4 dB	Avg Type: Log-Pwr	02:35:09 PM May 30, 2014 TRACE 12 14 E TYPE WANNANNE DET P 12 011 (1)	Frequency
Ref Offset 13.88 dB	Auto Tune			
				Center Free 9.015000000 GH
		2	 3	Start Fre 30.000000 MH
70.0 60.0 61.0				Stop Fre 18.000000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VBW 1.0 kHz	Sweep		CF Step 1.797000000 GH
	85 GHz -63.19 dBm 70 GHz -70.21 dBm	UNCTION EUNCTION WIDTH	FUNCTION VALUE	Auto Mar
3 N 1 f 17.3	55 GHz -70.46 dBm			Freq Offse 0 H
8 9 10 11				

Antenna C





Antenna D

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## Conducted Spurs Average, 5785 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps





Antenna B

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## Conducted Spurs Average, 5785 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps



enter Freq 9.01500000	PNO: Fast	Trig: Free Run #Atten: 4 dB		Type: Log-Pwr	03:18:05 PM M TRACE TVPE DET		Frequency
Ref Offset 13.88 dB				M	kr2 11.57 -71.09	0 GHz ∂dBm	Auto Tune
							Center Free 9.015000000 GH
0.0 0.0 0.0	1			2		03	Start Free 30,000000 MH
р 6 6	-Un						Stop Free 18.00000000 GH
art 30 MHz Res BW 1.0 MHz R MODE FRE SCL XX	#VBW	1.0 kHz	FUNCTION	Sweep FUNCTION WIDTH	Stop 18.0 14.0 s (10 FUNCTION V	001 pts)	CF Step 1.797000000 GH Auto Mar
	5.785 GHz 1.570 GHz 7.355 GHz	-66.33 dBm -71.09 dBm -70.47 dBm			1 December 1		Freq Offse 0 H;
1	-		_	STATUS			

Antenna A

RL Center		9.0150	00000		Fast			Avg T	ype: Log-Pwr	TRA	PM May 30, 2014 CE 2 4 PE 2 4 PT PT COT 4 (1)	Frequency
0 dB/div		ef Offset 1 ef 0.00 d							M		32 dBm	Auto Tune
10.0												Center Fred 9.015000000 GH:
21.0 21.0 21.0												Start Free
50 0 70.0				لأسبر	1			¢ ²			¢ ³	30.000000 MH:
en o ea o												Stop Free 18.000000000 GH
tart 30 Res Bi					#VBW	1.0 kHz	1		Swee		3.000 GHz (1001 pts)	CF Ste 1.797000000 GH
KR MODE	TRC S		8			.4		INCTION	FUNCTION WIDTH	FUNCTI	ON VALUE	Auto Mar
4			11	5.785 G 1.570 G 1.355 G	Hz	-66.34 di -71.32 di -70.28 di	3m					Freq Offse 0 H
6 7 8 9												
11												

Antenna C

Antenna B

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## Conducted Spurs Average, 5785 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps







enter Freq 9.015000000	GHz PNO: Fast -	Trig: Free Run #Atten: 4 dB		e: Log-Pwr	03:43:42 PM May 30, 2014 TRACE 2 4 5 TYPE 24 DUT P REGIMENT	Frequency
Ref Offset 13.88 dB 0 dB/div Ref 0.00 dBm				M	kr2 11.570 GHz -71.25 dBm	
10 0 20 0						Center Fred 9.015000000 GH:
αις <b></b> αις <b></b>						Start Free 30.000000 MH
	ni		2 2		Q ³	Stop Fred 18.000000000 GH:
itart 30 MHz Res BW 1.0 MHz	#VB	W 1.0 kHz		Sweep	Stop 18.000 GHz 14.0 s (1001 pts	CF Step 1.797000000 GH
KR MODE TRC SCL X	5.785 GHz	-67.84 dBm	UNCTION E	INCTION WIDTH	FUNCTION VALUE	Auto Man
2 N 1 F 1	1 570 GHz 7 355 GHz	-71.25 dBm -70.49 dBm				Freq Offset 0 Hz
8 7 8 9 9						

Antenna C



Center Freq 9.015000		Trig:Free Run #Atten: 4 dB	Avg Type: Log-Pwr	03:46:32 PM May 30, 2014 TRACE 12 4 TVPE W	Frequency
Ref Offset 13.8 0 dB/div Ref 0.00 dBr	adB m		M	kr2 11.570 GHz -71.42 dBm	Auto Tune
	A (2)				Center Fred 9.015000000 GH:
800 800 600			42	↓	Start Free 30,000000 MH;
7000 (n. 0) (0. 0)	men			V	Stop Fred 18.00000000 GH
Start 30 MHz Res BW 1.0 MHz	#VB	W 1.0 kHz	Swee	Stop 18.000 GHz 14.0 s (1001 pts)	CF Step 1.79700000 GH Auto Mar
1 N 1 f 2 N 1 f 3 N 1 f 4 5	5.785 GHz 11.570 GHz 17.355 GHz	-66.97 dBm -71.42 dBm -70.33 dBm			Freq Offse 0 Hi
7 8 9					
			STATU		

Antenna D

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#### Conducted Spurs Average, 5785 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1



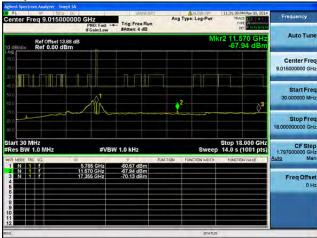
Antenna A

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#### Conducted Spurs Average, 5785 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1





Antenna A

Antenna B

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#### Conducted Spurs Average, 5785 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2





Antenna A

Antenna B

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#### Conducted Spurs Average, 5785 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1



enter Freq 9.0150000		Trig: Free Run	Avg Type: Log	Pwr TF	1 PM May 30, 2014 CACE 1 2 4 1 C	Frequency
Ref Offset 13.88 dB/div Ref 0.00 dBm		STATUTE OF OU		Mkr2 11. -69	.570 GHz .39 dBm	Auto Tune
	á nh					Center Fred 9.015000000 GH:
00 00			2		03	Start Free 30,000000 MH
no						Stop Free 18.00000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBV	V 1.0 kHz	S INCTION FUNCTION	weep 14.0 s	18.000 GHz (1001 pts)	CF Step 1.797000000 GH Auto Mar
1 N 1 F N 1 F 3 N 1 F 4 6 6 7 7 8 9 0	5.785 GHz 11.570 GHz 17.355 GHz	-52.51 dBm -59.39 dBm -70.29 dBm	VACION YOUTON	HENTY TURE		Freq Offse 0 Hi
1 2 6				STATUS		

Antenna A

enter Freq 9.015000000 GHz PN0: Fast IFGainclaw		Avg Type: Log-Pwr	11:58:26 PM May 30, 2014 TRACE 2 4 F TYPE DET P 12:01000	Frequency
Ref Offset 13.88 dB dB/div Ref 0.00 dBm		M	kr2 11.570 GHz -70.08 dBm	Auto Tune
				Center Freq 9.015000000 GHz
		42		Start Free 30.000000 MHz
			Q ³	Stop Fred 18.00000000 GH:
tart 30 MHz Res BW 1.0 MHz #VB	W 1.0 KHz	Swee	Stop 18.000 GHz p 14.0 s (1001 pts)	CF Step 1.797000000 GH
KR MODE TRC SCL X	Y FU -62.87 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
2 N 1 f 0,780 GHZ 3 N 1 f 11,570 GHz 3 N 1 f 17,355 GHz 4 6	-70.08 dBm -70.36 dBm			Freq Offset 0 Hz
7				
		STATU		L

Antenna C

Antenna B

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#### Conducted Spurs Average, 5785 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2



enter Freq 9.0150000		Trig: Free Run	Avg Type: Log	Pwr TF	1 PM May 30, 2014 CACE 1 2 4 1 C	Frequency
Ref Offset 13.88 dB/div Ref 0.00 dBm		STATUTE OF OU		Mkr2 11. -69	.570 GHz .39 dBm	Auto Tune
	á nh					Center Fred 9.015000000 GH:
00 00			2		03	Start Free 30,000000 MH
no						Stop Free 18.00000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBV	V 1.0 kHz	S INCTION FUNCTION	weep 14.0 s	18.000 GHz (1001 pts)	CF Step 1.797000000 GH Auto Mar
1 N 1 F N 1 F 3 N 1 F 4 6 6 7 7 8 9 0	5.785 GHz 11.570 GHz 17.355 GHz	-52.51 dBm -59.39 dBm -70.29 dBm	VACION YOUTON	HENDY YOR		Freq Offse 0 Hi
1 2 6				STATUS		

Antenna A

enter Freq 9.015000000	PNO: Fast -	Trig: Free Run		E: Log-Pwr	11:58:26 PM May 30, 2 TRACE 2 4 TYPE 000	Frequency
Ref Offset 13.88 dB	IFGain:Low	#Atten: 4 dB		M	kr2 11.570 GH -70.08 dB	Auto Tune
0 dB/div Ref 0.00 dBm			_		-70.00 00	Center Free 9.015000000 GH
			2			Start Free 30.000000 MH:
nui in o nui					×	Stop Free 18.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VB	N 1.0 kHz		Sweep	Stop 18.000 GI 14.0 s (1001 pi	s) 1.797000000 GH
KR MODE TRC SCL X	785 GHz	-62.87 dBm	PUNCTION FUR	ICTION WIDTH :	FUNCTION VALUE	Auto Mar
2 N 1 f 11 3 N 1 f 17 4 6	570 GHz 355 GHz	-70.08 dBm -70.36 dBm				Freq Offse 0 Hi
1						

Antenna C

Antenna B

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#### Conducted Spurs Average, 5785 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3



enter Freq 9.015000000	GHZ PNO: Fast			Avg Ty	pe: Log-Pwr	TRAC	4 May 30, 2014	Frequency
Ref Offset 13.88 dB					MI	(r2 11.5 -69.3	70 GHz 39 dBm	Auto Tune
								Center Fred 9.015000000 GHz
				2-				Start Free 30,000000 MH:
no no			_	- Ann				Stop Free 18.00000000 GH:
tart 30 MHz Res BW 1.0 MHz	#VBW	1.0 kHz			Sweep	14.0 s (	000 GHz 1001 pts)	CF Step 1.797000000 GH Auto Mar
2 N 1 F 11	5.785 GHz (570 GHz 7.355 GHz	452.61 dB 469.39 dB -70.29 dB	m	NCTION F	UNCTION WETH	RUNCTID	VVALUE.	Freq Offse 0 H:
					STATUS			

Antenna B

Antenna A	
-----------	--

enter Freq 9.01500000	GHZ PNO: Fast	Trig: Free Run #Atten: 4 dB		Log-Pwr	11:58:26 PM TRACE TYPE DET		Frequency
Ref Offset 13.88 dB dB/div Ref 0.00 dBm				MI	kr2 11.57 -70.0	0 GHz 8 dBm	Auto Tune
			1				Center Fred 9.015000000 GH:
			2			03	Start Free 30.000000 MHz
n o n o							Stop Free 18.00000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBV	N 1.0 KHz		Sweep	Stop 18.0 14.0 s (1	000 GHz 001 pts)	CF Step 1.797000000 GH
KR MODE TRC SCL X	5.785 GHz	Y 8	NCTION FUN	CTION WIDTH:	FUNCTION	VALUE	Auto Mar
2 N 1 f 1	1.570 GHz 7.355 GHz	-70.08 dBm -70.36 dBm					Freq Offse
							0 Ha
3 N 1 7 1							OH

Antenna C

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### Conducted Spurs Average, 5785 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1





Antenna A

GHZ dBm Center Freq 9.015000000 GHz
Start Free 30.000000 MH:
Stop Free 18.00000000 GH
0 GHz CF Step 1 pts) 1.797000000 GH
UE Auto Mar
Freq Offse 0 H

Antenna C





Antenna D

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#### Conducted Spurs Average, 5785 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2



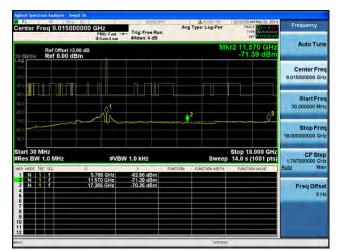


Antenna A

Center Freq 9.015000000 GH	Z NO: Fast -> jain:Low	- Trig: Free F #Atten: 4 dB	tun		E: Log-Pwr	12:10:06 AM MA TRACE TYPE DET		Frequency
Ref Offset 13.88 dB					MI	r2 11.570 -70.66		Auto Tune
200								Center Free 9.015000000 GH:
410				2			03	Start Free 30.000000 MH
	W~~							Stop Fre 18.00000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VBV	V 1.0 kHz			Sweep		01 pts)	CF Stej 1.797000000 GH
2 N 1 f 11.570	5 GHz 0 GHz	-63.58 dBm -70.66 dBm	1	TION EU	ICTION WIDTH:	FUNCTION VA	WE	Auto Ma
3 N 1 f 17.355 6 6 7 8 9	5 GHz	-70.47 dBn						Freq Offse 0 H

Antenna C





Antenna D

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## Conducted Spurs Average, 5785 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3







AL 8 580 00 Center Freq 9.015000000	GHZ PNO: Fast - IFGain:Low	Trig: Free Run #Atten: 4 dB	Avg Type: Lo		RACE 2 4	Frequency
Ref Offset 13.88 dB 0 dB/div Ref 0.00 dBm					.570 GHz 0.66 dBm	Auto Tune
10.0						Center Free 9.015000000 GH
20 0						Start Fre
10 0 70 0	ni		2		03	
81.0						Stop Fre 18.000000000 GH
Start 30 MHz Res BW 1.0 MHz	#VB	N 1.0 kHz	5	Stop Sweep 14.0	18.000 GHz s (1001 pts)	CF Step 1.797000000 GH
	785 GHz	-63.58 dBm	INCTION FUNCTION	WIDTH FUN	CTION VALUE	Auto Ma
2 N 1 f 11 3 N 1 f 17 4 6	570 GHz 355 GHz	-70.66 dBm -70.47 dBm				Freq Offse 0 H
7 8 9 10						

Antenna C



Center Freq 9.015000		Trig:Free Run #Atten: 4 dB	Avg Type: Log-Pwr	12:13:03 AM May 31, 2014 TRACE 12 4 F TYPE COLT OUT OUT OUT OUT OUT OUT OUT OUT OUT OU	Frequency
Ref Offset 13.86 0 dB/div Ref 0.00 dBn	3 dB		М	kr2 11.570 GHz -71.39 dBm	Auto Tune
00 (n.j. 20.0 20.0	è n				Center Fred 9.015000000 GH:
800 800 800			2	δ <mark>3</mark> .	Start Free 30,000000 MH
7000 (1.0) %1.0				¥	Stop Free 18.000000000 GH
Start 30 MHz Res BW 1.0 MHz	#VB	W 1.0 kHz	Swee	Stop 18.000 GHz 14.0 s (1001 pts)	CF Ster 1.797000000 GH Auto Ma
1 N 1 F 2 N 1 F 3 N 1 F 4	5.785 GHz 11.570 GHz 17.355 GHz	-62 56 dBm -71.39 dBm -70.36 dBm		TORCION HOLE	Freq Offse 0 Hi
6 7 8 9 10					
12 <b>23 24 25 25 25</b>			STATU		

Antenna D

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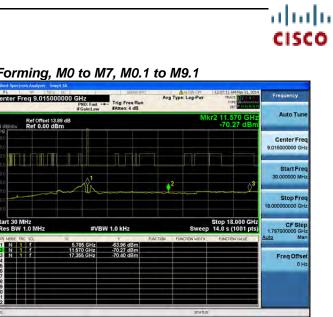
Avg Type: Log-P

Fast --- Trig: Free Run

W 1.0 kHz

63.61 dBn 69.83 dBn -70.00 dBn

5.785 GHz 11.570 GHz 17.355 GHz



## Conducted Spurs Average, 5785 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1

69.83

Stop 18.000 GHz Sweep 14.0 s (1001 pts)

Auto Tun

Start Fre

Stop Fre

Freq Offse

Ma

18.00 CF Step 1.797000000 CH

30.000000 M

Center Fre 9.015000000 GH

enter Freq 9.015000000 GHz

Ref Offset 13.88 dB Ref 0.00 dBm

30 MHz BW 1.0 MH

Antenna A

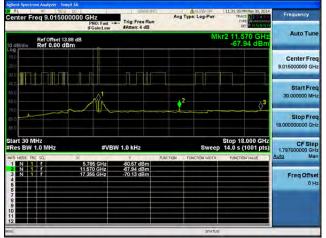
Antenna B

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## Conducted Spurs Average, 5785 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna A

Antenna B

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## Conducted Spurs Average, 5785 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1



nter Freq 9.015000000	GHZ PNO: Fast	Trig: Fre #Atten: 4			ALISN OF	TRAC	4 May 31, 2014	Frequency
Ref Offset 13.88 dB					MI	(r2 11.5 -71.3	70 GHz 36 dBm	Auto Tune
								Center Fred 9.015000000 GHz
								Start Fred
10	-Ph			¢ ²			03	30,000000 MH;
0								Stop Free 18.00000000 GH:
art 30 MHz les BW 1.0 MHz	#VBW	1.0 kHz			Sweep	Stop 18. 14.0 s (*	000 GHz 1001 pts)	CF Step 1.797000000 GH
N 1 f 11 N 1 f 17	.785 GHz .570 GHz .355 GHz	-66,69 dl -71.36 dl -70.42 dl	3m 3m	ICTION FI	UNCTION WEITH	FUNCTION	VVALUE	Auto Mar Freq Offse
								0 H:
					STATUS			-

Antenna A

enter F	req 9.0150	00000	GHZ PNO: Far IFGain:Le	st	Trig: Free #Atten: 4			e: Log-Pwr	TRA	M May 31, 2014	Frequency
0 dB/div	Ref Offset 13 Ref 0.00 d	3.88 dB Bm						M		70 GHz 35 dBm	Auto Tune
0.0 11.0											Center Fred 9.015000000 GH:
10 10											Start Free 30.000000 MH
00 110			~ 1				¢ ²			03	30,000000 MPA
											Stop Free 18.000000000 GH
				_					Stop 18	000 011	
	NHZ 1.0 MHZ		#	VBW	1.0 kHz			Sweep		1000 GH2	
Res BW	1.0 MHz				.Ч.		4CTION EU	Sweep NCTION WIDTH	14.0 \$ (		CF Step 1.797000000 GH: Auto Mar
1 N 1 2 N 1 3 N 1 4	1.0 MHz RC SCL	11	# 5.785 GHz 1.570 GHz 7.355 GHz		466.93 dE -71.35 dE -70.33 dE	3m 3m	ACTION FU		14.0 \$ (	1001 pts)	1.797000000 GH
Res BW	1.0 MHz RC SCL	11	5.785 GHz		-66.93 dE -71.35 dE	3m 3m	4C710M EU		14.0 \$ (	1001 pts)	1.797000000 GH Auto Ma Freq Offse

Antenna C

Antenna B

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## Conducted Spurs Average, 5785 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2



enter Freq 9.01500000		Trig: Fre #Atten: 4			e: Log-Pwr	TRAC	M May 31, 2014 E 2 2 4 5 E 2 4 5 F 2 1 4 5 F 2 1 4 5 F 2 1 4 5 F 2 1 4 5 F 2 1 4 5 F 2 1 4 5 F 2 1 4 5 F 2 1 4 5 F 2 1 5 F 2 1 5 F 2 1 5 F 2 1 5 F	Frequency
Ref Offset 13.88 dB					M	kr2 11.5 -70.4	70 GHz 12 dBm	Auto Tune
16 10								Center Fred 9.015000000 GH:
								Start Free 30.000000 MH:
	-UN	~~~		2			3	Stop Free 18.00000000 GH2
art 30 MHz Res BW 1.0 MHz	#VBW	_			Sweep	14.0 s (	.000 GHz 1001 pts)	CF Step 1.79700000 GH Auto Mar
2 N 1 f	5.785 GHz 1.670 GHz 7.355 GHz	-54.45 d -70.42 d -70.33 d	Bm Bm	SCTION FL	NCTION WETH	FUNCTIO	NVALUE	Auto Mar Freq Offse 0 H:
					STATUS			

Antenna A

enter		9.0150		GHZ PNO: Fa	ast	Trig: Fre #Atten: 4		Avg		ELOg-Pwr	TRA	AM May 31, 2014 AE 2 4 5 PE 2 4 5 PT 2 14 5 PT	Frequency
0 dB/di		tef Offset 13 tef 0.00 d								MI		570 GHz 95 dBm	Auto Tune
00 00 00	-						n						Center Free 9.015000000 GH:
ao ao ao									2				Start Free 30.000000 MH
100 200 100			~~	~w	~				-			() ³	Stop Fre 18.00000000 GH
tart 30 Res B				#	VBW	1.0 kHz				Sweep		3.000 GHz (1001 pts)	CF Ste 1.797000000 GH
KR MODE		SCL.	8	.785 GH		-64.60 di		PUNCTION	EUN	ICTION WIDTH	FUNCT	ON VALUE	Auto Mar
2 N 3 N	4		11	570 GH 355 GH	z	-70.95 d -70.37 d	3m						Freq Offse 0 H
6		_											1
4 6 6 7 8 9 0									E				

Antenna C

Antenna B

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## Conducted Spurs Average, 5785 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3



Frequency	PM May 30, 2014 ACE 2244 ACE 244 ACE 2	TRAC	e: Log-Pwr				NO: Fast +	000 GH	9.015000	ter Fre
Auto Tune	570 GHz 39 dBm	r2 11.5 -69.3	MI				Gunzeuw	8 dB	of Offset 13.8 of 0.00 dBr	3/div
Center Fred 9.015000000 GH:										
Start Free 30,000000 MH;							د. م1			
Stop Free				2			W.	~		
18.00000000 GHz										
	8.000 GHz (1001 pts)	14.0 s (	Sweep NCTION WIDTH	NCTION FL		V 1.0 kHz Y		×	MHz	BW 1.
Freq Offse 0 H;					Bm	-52,61 d -69 39 d -70 29 d	5 GHz 0 GHz 5 GHz	11.570		N 1 N 1 N 1
										====

Antenna A

enter Freq 9.01500000		Trig: Free Run #Atten: 4 dB	Avg Type	Log-Pwr	11:58:26 PM May 30, 2014 TRACE 12 14 TYPE DIT P 101101	Frequency
Ref Offset 13.88 d 0 dB/div Ref 0.00 dBm	iB			M	r2 11.570 GHz -70.08 dBm	Auto Tune
	4 0 4					Center Free 9.015000000 GH:
			2		 ⊘ ³	Start Free 30.000000 MH
					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Stop Free 18.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBW	1.0 kHz		Sweep	Stop 18.000 GHz 14.0 s (1001 pts)	1.797000000 GH
KR MODE TRC SCL >	5.785 GHz	Y FU 62.87 dBm	NCTION FUN	CTION WIDTH :	FUNCTION VALUE	Auto Mar
2 N 1 7 3 N 1 7 5 6	11 570 GHz 17.355 GHz	-70.08 dBm -70.36 dBm				Freq Offse 0 H
6 7 8 9						

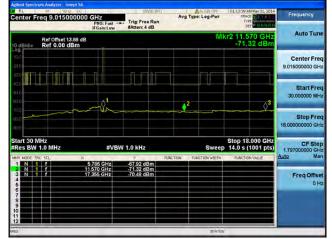
Antenna C

Antenna B

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Conducted Spurs Average, 5785 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1





Antenna A

Center Freq 9.015000000	GHz PNO: Fast	Trig: Free Run #Atten: 4 dB		e: Log-Pwr	01:19:25 AM May 31, 2014 TRACE 2 4 F Type Manual Control 1	Frequency
Ref Offset 13.88 dB 0 dB/div Ref 0.00 dBm				M	kr2 11.570 GHz -71.32 dBm	Auto Tune
10.0 · · · · · · · · · · · · · · · · · ·						Center Free 9.015000000 GH:
800						Start Free 30.000000 MH
min o min o galo	-li-		2		Q ³	Stop Free 18.000000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VB	N 1.0 kHz		Sweep	Stop 18.000 GHz 14.0 s (1001 pts)	CF Ste 1.797000000 GH
	5.785 GHz	-67,70 dBm	UNCTION EU	NCTION WIDTH	FUNCTION VALUE	Auto Mar
2 N 1 7 1 3 N 1 7 1 6	1 570 GHz 7.355 GHz	-71.32 dBm -70.36 dBm				Freq Offse 0 H
7 8 9 10						
12						

Antenna C





Antenna D

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