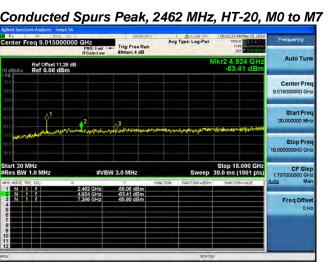
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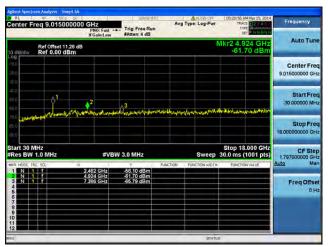


Conducted Spurs Peak, 2462 MHz, HT-20, M0 to M7

Antenna A

Page No: 301 of 387

enter Freq 9.015000000 GHz Avg Type: L Trig: Free Run Auto Tun Ref Offset 11.28 dB Ref 0.00 dBm Center Free 9.015000000 GH Start Free 30,000000 MH Stop Fre CF Step 1,797000000 GHz Stop 18.000 GHz Sweep 30.0 ms (1001 pts) 30 MHz BW 1.0 MH W 3.0 MHz Ma -55.51 dBm -64.65 dBm -66.67 dBm 2.462 GHz 4.924 GHz 7.386 GHz Freq Offse



Antenna B

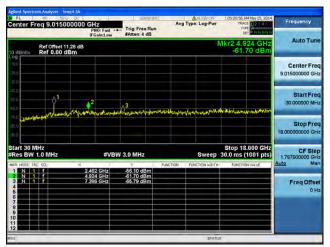
Page No: 302 of 387

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Conducted Spurs Peak, 2462 MHz, HT-20, M0 to M7

Antenna A

enter Freq 9.015000000 GHz Avg Type: Log-F Trig: Free Run Auto Tun Ref Offset 11.28 dB Ref 0.00 dBm Center Free 9.015000000 GH Start Free 30,000000 MH Stop Fre CF Step 1,797000000 GHz Stop 18.000 GHz Sweep 30.0 ms (1001 pts) 30 MHz BW 1.0 MH W 3.0 MHz Ma -55.51 dBm -64.65 dBm -66.67 dBm 2.462 GHz 4.924 GHz 7.386 GHz Freq Offse



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Antenna B

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Conducted Spurs Peak, 2462 MHz, HT-20, M8 to M15

Antenna A

Conducted Spurs Peak, 2462 MHz, HT-20, M0 to M7





Center Freq 9.01500		Trig: Free Run	Avg Type: Log-Pwr	105:40:24 AM May 15, 2014 TRACE 2 4 E TYPE COT P N CLARKED	Frequency
Ref Offset 11. 0 dB/div Ref 0.00 dB			٨	/kr2 4.924 GHz -65.32 dBm	Auto Tune
100					Center Free 9.015000000 GH:
400 01 01 01 01 01 01 01 01 01 01 01 01 0	hrund 2	23 million and the second share	n ^{ja} riyenyi dishta yana d ^{ang} ari	Hellowborry standard	Start Free 30.000000 MH:
70.0 60.0 60.0					Stop Free 18.000000000 GH:
Start 30 MHz Res BW 1.0 MHz	#VBV	V 3.0 MHz	Sweep	Stop 18.000 GHz 30.0 ms (1001 pts) PUNCTION VALUE	CF Step 1.797000000 GH: Auto Mar
	2.462 GHz 4.924 GHz 7.386 GHz	-55.66 dBm -65.32 dBm -65.40 dBm	NGTION PUNCTION WIGH	FUNCTION VALUE	Freq Offse
11					

Antenna C

nter Freq 9.01500000		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	05:36:32 AM May 15, 2014 TRACE 12 4 TV/FE WWWWWWWWWW	Frequency	
Ref Offset 11.28 d Bl/div Ref 0.00 dBm	8		Ν	Mkr2 4.924 GHz -63.03 dBm		
0					Center Freq 9.015000000 GHz	
	2 Martal franks		an ginge gast from the second of	matericontextente	Start Free 30,000000 MHz	
б б б					Stop Free 18.00000000 GH2	
art 30 MHz es BW 1.0 MHz	#VBW	/ 3.0 MHz	Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	CF Step 1.797000000 GH:	
NODE THE SOL X	2.462 GHz	ү я -56.76 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Man	
N 1 f N 1 f	4.924 GHz 7.386 GHz	-63.03 dBm -64.71 dBm			Freq Offset 0 Ha	

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Antenna B

Page No: 304 of 387

enter Freq 9.015000000 GHz Avg Type: Log-P ---- Trig: Free Run Auto Tun Ref Offset 11.28 dB Ref 0.00 dBm Center Fre 9.015000000 GH Start Fre 30.000000 M Stop Fre 19.000 Stop 18.000 GHz Sweep 30.0 ms (1001 pts) CFS N 3.0 MHz 1,7970 -57.31 dBm -63.74 dBm -62.56 dBm 4.924 GHz 7.386 GHz FreqOf 01

Conducted Spurs Peak, 2462 MHz, HT-20, M8 to M15



enter Freq 9.01500		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	DS:40:24 AM May 15, 2014 TRACE 24 E TYPE 001 PTACKAGE	Frequency
Ref Offset 11 Ref 0.00 d			N	/kr2 4.924 GHz -65.32 dBm	Auto Tune
00 00 200 200					Center Fred 9.015000000 GH:
	Nrstrad a particular	3	adressy cyclother yr ar a farf	الالالمالية المراجعة	Start Free 30.000000 MH:
71.0 (Augustan) (0.0 (Augustan) (0.0 (Augustan)					Stop Free 18.00000000 GH:
Start 30 MHz Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	CF Step 1.797000000 GH
MR MODE TRC SCL	× 2.462 GHz	-55,66 dBm	NETION FUNCTION WIDTH :	PUNCTION VALUE	Auto Mar
2 N 1 F 3 N 1 F 4 5 6	4.924 GHz 7.386 GHz	-65.32 dBm -65.40 dBm			Freq Offse 0 Ha
7 8 9 10					
12			STATUS		

Antenna C

	2 00	L SENSEWIT	ALION OFF	05:36:32 AM May 15, 2014	Frequency
enter Freq 9.0150	PNO: Fast +	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	TVPE WARMAN	
Ref Offset 1 Bidly Ref 0.00 d	1.28 dB IBm		ſ	/kr2 4,924 GHz -63.03 dBm	Auto Tune
00 000 00 20					Center Free 9.015000000 GH
	2 Which which from the	23	and the state of the	relainmentationte	Start Fre 30,000000 MH
no spectrum					Stop Free
10					18.0000000 GH
tart 30 MHz	#VBW	3.0 MHz	Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	CF Step 1.797000000 GH
tart 30 MHz Res BW 1.0 MHz	x	Y. FU	SWeep		CF Step 1.79700000 GH <u>Auto</u> Ma
tart 30 MHz Res BW 1.0 MHz Res BW 1.0 MHz Res BW 1.0 F 1 N 1 F 3 N 1 F 4 5				30.0 ms (1001 pts)	CF Ste 1.79700000 GH

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Antenna B

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Conducted Spurs Peak, 2462 MHz, HT-20, M16 to M23





IF Gain:Low	#Atten: 4 dB		DET P N CONCESS	
et 11.28 dB 0 dBm		N	/kr2 4.924 GHz -65.32 dBm	Auto Tune
				Center Free 9.015000000 GH:
2	3	ndrasanist and all and a surger of the file	Haladoron parto do rear	Start Free 30,000000 MH
				Stop Free 18.000000000 GH
				CF Step 1.797000000 GH Auto Mai
2.462 GHz 4.924 GHz 7.386 GHz	455.66 dBm 455.32 dBm 455.40 dBm	UCTION PLANCTION WIDTH:	FUNCTION VALUE	Freq Offse 0 H
	2.482 CHrt 4.582 CHrt	2 dBm 2 dBm 4 VBW 3.0 MHz 2 4/92 CHz 4 594 CHz 4 595 CHZ 4 5	#VBW 3.0 MHz Sweep	2 dBm65.32 dBm 65.32 dBm 65.65 d

Antenna C

RL		2 00	JENNE'S		ALIEN OFF	05:36:32 AM May 15, 201	Frequency
enter F	req 9.0150	00000 GHz PNO: Fas IFGain:Lo		n Avg	g Type: Log-Pwr	TRACE 12 14	
) dB/dlv	Ref Offset 1 Ref 0.00 d				N	-63.03 dBm	
0.0 0.0 1.() 2.0							Center Freq 9.015000000 GHz
ε.α. 10, 10,		2 Mulmakaka	1. 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 January	Warted a scie Date Differen	netains, singly source of a starting	Start Freq 30,000000 MHz
0.0 LG LÓ	and the second se						Stop Freq 18.00000000 GHz
tart 30 I Res BW	VIHz 1.0 MHz	#1	/BW 3.0 MHz		Sweep 3	Stop 18.000 GHz 30.0 ms (1001 pts)	
KR MODE T	RE SOL	× 2.462 GHz 4.924 GHz		FUNCTION	FUNCTION WIDTH	RUNCERSN VALUE	Auto Man
3 N 1 466789		7 386 GHz	-64 71 dBm				Freq Offset 0 Hz

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Antenna B

Page No: 306 of 387

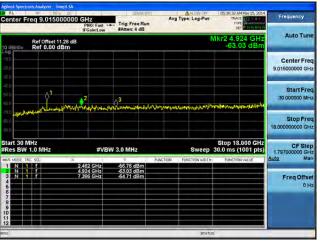
Number August 100 August 100 August 100 FEE June Py Contor Freq 9.015000000 GHz Fig. 1 and 100 Avg Type: Leg Pyr Fig. 1 and 100 Fee June Pyr Ing Free Run Avg Type: Leg Pyr Fig. 1 and 100 Fee June Pyr August 100 August

Conducted Spurs Peak, 2462 MHz, HT-20, M0 to M7



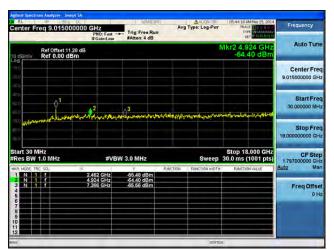
000000 GHz		Avg Type: Log-Pwr	TRACE 12 4 4 TRACE 12 4 4 TYPE DET P NOTATION	Frequency
			Mkr2 4.924 GHz -65.32 dBm	Auto Tune
				Center Fre 9.015000000 GH
altranet and and a	A Barrison and Andrews	and also and all the spectrum free	Helassanjajahan	Start Fre 30,000000 MH
				Stop Fre 18.000000000 GH
				CF Ste 1.797000000 GH Auto Ma
2,462 GHz 4,924 GHz 7,386 GHz	-55,66 dBm -65,32 dBm -65,40 dBm	AND THE POINT OF A MILLION	PORC HOW WROLE	Freq Offse 0 H
	الا الالمالية بين المالية المالية الالمالية المالية المالية المالية المالية المالية المالية المالية المالية الم #VE على المالية الم	D00000 CH/z IF Galact.ew Trig: Free Run Action: 4 dB If 28 dB If 38 dB If 39 dB If 39 dB If 30 dB If 39 dB If 30 dB If 39 dB If 30 dB If 30 dB	Avg Type: Log-Per Ifig: Free Run JTdate: d w Jtdate: d dB dBm 3 dBm 3 #VBW 3.0 MHz Sweep #VBW 4.0 MHz Sweep 2 56 66 dBm 462 MH 55 26 dBm	DIODODO CH2 Trig: Free Run Inf CalueLow <

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Antenna D

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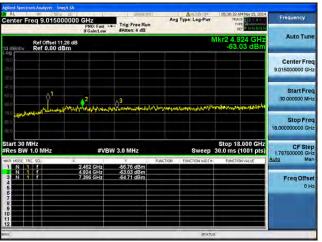


Conducted Spurs Peak, 2462 MHz, HT-20, M8 to M15



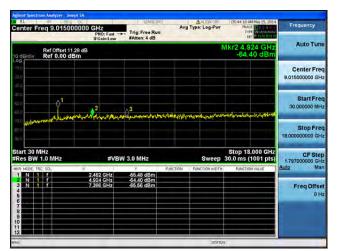
Center Freq 9.0150000		Trig: Free Run #Atten: 4 dB	Avg Type:	Log-Pwr	105:40:24 AM May 15, 2014 TRACE 2 4 5 TYPE 04 PUT E DUOMOUT	Frequency
Ref Offset 11.28 10 dB/div Ref 0.00 dBm	dB			M	kr2 4.924 GHz -65.32 dBm	Auto Tune
200 300						Center Fre 9.015000000 GH
416 910 910 910	2 alarius Marture	A martine and in survey of	lond an an a solar	وي المرسوم	alassanappyasanaa	Start Fre 30.000000 MH
71.0						Stop Fre 18.00000000 GH
Start 30 MHz #Res BW 1.0 MHz	_	V 3.0 MHz			Stop 18.000 GHz 0.0 ms (1001 pts)	CF Ste 1.797000000 GH Auto Ma
MICH MODEL THC SOL.	2 462 GHz 4 924 GHz 7 386 GHz	-56.66 dBm -65.32 dBm -65.40 dBm	FUNCTION FUNCT	ION WEITH :	PUNCTION VALUE	Freq Offse 0 H
				STATUS		

Antenna C



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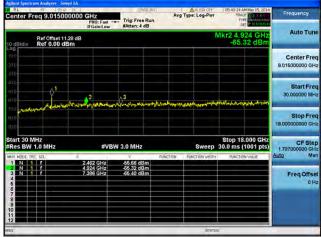
Antenna D

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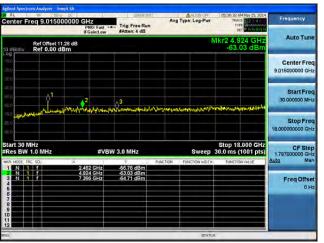


Conducted Spurs Peak, 2462 MHz, HT-20, M16 to M23



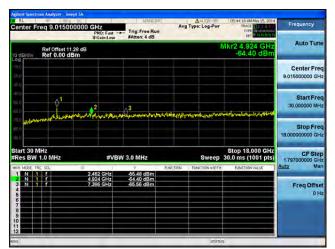


Antenna C



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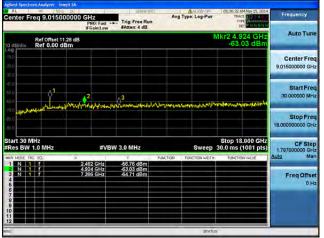


Antenna D

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Conducted Spurs Peak, 2462 MHz, HT-20 Beam Forming, M0 to M7

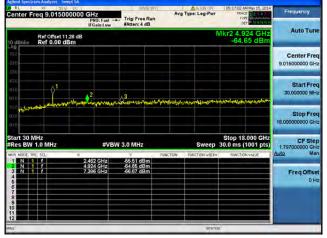


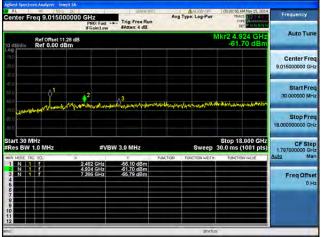


Antenna B

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Conducted Spurs Peak, 2462 MHz, HT-20 Beam Forming, M8 to M15





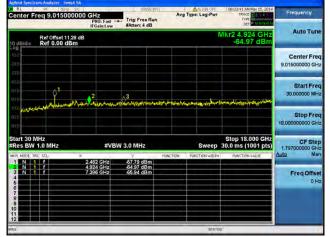
Antenna B

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Antenna A

Conducted Spurs Peak, 2462 MHz, HT-20 Beam Forming, M0 to M7



RL	F 50.0		L SEVERANT	ALIEN OF	05:07:33 AM May 15, 2014	Frequency
enter F	req 9.01500	PNO: Fast IFGain:Low	Free Run #Atten: 4 dB	Avg Type: Log-Pwr	TRACE 12 2 4	
) dB/dlv	Ref Offset 11 Ref 0.00 de	28 dB Bm		٨	/kr2 4.924 GHz -63.30 dBm	Auto Tune
og 10.6 10.0 2.6						Center Freq 9.015000000 GHz
ε.g. ii 0, ε.q		for sure bay ships	م مريد وارد ارد مع المراجع الم	الالكولم مارجوتها وأوليه واراحه المحا	unativated and a start of the	Start Free 30.000000 MHz
0.0 LÓ	Adda and a man					Stop Fred 18.00000000 GH:
tart 30 M Res BW	/Hz 1.0 MHz	#VE	3W 3.0 MHz	Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	CF Step 1.797000000 GH
3 N 1	- f	× 2,462 GHz 4,924 GHz 7,386 GHz	Y 9, -57.20 dBm -63.30 dBm -65.73 dBm	NCTION FUNCTION WEITH	FUNCTION VALUE	Auto Mar Freq Offset 0 Hz
7 8 9 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						
6				STATUS		

Antenna B

Antenna	A
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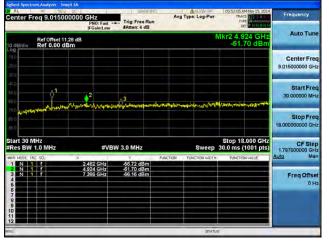
	9 DC	. INSEINT	ALIGH OFF	06:11:37 AM May 15, 2014	and the second s	
Center Freq 9.0150	D00000 GHz PNO: Fast - IFGain:Low	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	TRACE 12 14 5 TYPE DET P NONCOL	Frequency	
Ref Offset 11.28 dB Mkr2 4,924 GHz 0 dB/dly Ref 0.00 dBm -63.43 dBm						
00 000 200 200					Center Free 9.015000000 GH	
10 10 10	2	As a range who workshi	rrinedallaneespantaat	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	Start Fre- 30.000000 MH	
					Stop Fre 18.000000000 GH	
Start 30 MHz Res BW 1.0 MHz	#VB	W 3.0 MHz	Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	CF Stej 1.797000000 GH	
4KR MODE TRC SCL.	× 2.462 GHz	-59.52 dBm	INCTION FUNCTION WOTH	PUNCTION VALUE	<u>Auto</u> Ma	
2 N 1 F	4.924 GHz 7.386 GHz	-63.43 dBm -64.40 dBm			Freq Offse	

Antenna C

Page No: 312 of 387

Conducted Spurs Peak, 2462 MHz, HT-20 Beam Forming, M8 to M15





Antenna B

RL		00000 GHz	_345£ INT	Ava	Type: Log-Pwr	05:55:57 AM May 15, 2014	Frequency
enter Fl	eq 9.0150	PNO: Fast · IFGain:Low	#Atten: 4 dB		type: coge at	DET P TO OPTION	
Ref Offset 11.29 dB							Auto Tun
09 000 000 000							Center Fre 9.015000000 GH
10 10 10	¢1	2 marsha water	3 Harrister and galant	Alteration	al when the start	utionage/apage/apage/apage/	Start Fre 30.000000 MH
							Stop Fre 18.000000000 GH
tart 30 N Res BW		#VE	W 3.0 MHz		Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	CF Ste 1.797000000 GH
IN 1	11	× 2.462 GHz	-58.07 dBm	FUNCTION	FUNCTION WIDTH :	FUNCTION VALUE	Auto Ma
3456	ŕ	4.924 GHz 7.386 GHz	-62.73 dBm -63.75 dBm				Freq Offse 0 H
7 9 0 1							
6 7 8 9 0							

Antenna C

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Conducted Spurs Peak, 2462 MHz, HT-20 Beam Forming, M16 to M23



RL # 500 DC		THE SERVICE	ALISN OFF	05:36:32 AM May 15, 2014	Frequency
enter Freq 9.0150000	PNO: Fast + IFGain:Low	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	TRACE 12 24	
Ref Offset 11.28 d dB/div Ref 0.00 dBm	8			Mkr2 4.924 GHz -63.03 dBm	Auto Tune
00 0.05 0.05 0.0 2.6					Center Fred 9.015000000 GH
	2 april april very	A 3	ter y had a poly has the first state of the first of	hope that is some any specification in the	Start Free 30,000000 MH:
nn an a					Stop Fred 18.000000000 GH:
tart 30 MHz Res BW 1.0 MHz	#VB	N 3.0 MHz	Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	CF Step 1.797000000 GH
KR MODE TRE SOL X	2.462 GHz 4.924 GHz	-56.76 dBm -63.03 dBm	UNCTION FUNCTION WIDT	FUNCTION VALUE	Auto Mar
3 N 1 F 4	7.386 GHz	-64.71 dBm			Freq Offse 0 H;

Antenna B

enter Freq 9.015000000	PNO: Fast -	Trig: Free Run #Atten: 4 dB	Avg	Type: Log-Pwr	TRACE 12 14 TRACE 12 14 TYPE DET PROTOCOL	Frequency
Ref Offset 11.28 dB				M	kr2 4.924 GHz -65.32 dBm	Auto Tune
10 10 10						Center Fred 9.015000000 GH:
	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Andrew Million of the	Jon Manual	a state and a state of the	المفار المريان والموالي والمراجع	Start Freq 30.000000 MHz
						Stop Fred 18.000000000 GH:
tart 30 MHz Res BW 1.0 MHz	#VBV	V 3.0 MHz		Sweep 3	Stop 18.000 GHz 30.0 ms (1001 pts)	1.797000000 GH
TH MODE THC SCL. X	2.462 GHz 4.924 GHz	-55.66 dBm -65.32 dBm	FUNCTION	EUNCTION WIDTH :	FUNCTION VALUE	Auto Mar
	7.386 GHz	-65.40 dBm				Freq Offset 0 Ht

Antenna C

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Conducted Spurs Peak, 2462 MHz, HT-20 Beam Forming, M0 to M7



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Center Freq 9.01500			Avg Type: Log-Pwr	06/27/01 AM May 15, 2014 TRACE 2 4 E TYPE 01/01/01	Frequency
Ref Offset 11.	28 dB Im			Mkr3 7.386 GHz -63.55 dBm	Auto Tune
200					Center Free 9.015000000 GH
40.0 50.0 60.0	2 Providence Annually	3	(mananananananananananananananananananan	had par barren or water	Start Free 30,000000 MH:
71.0 Hinter a Haraldia 11.0 11.0					Stop Free 18.000000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VB	W 3.0 MHz	Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	CF Step 1.797000000 GH
MKR MODE TRC SCL.	2.462 GHz 4.924 GHz	-59.46 dBm -63.63 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
0 N 1 1 4 6 - - 6 - - - 7 - - - 9 - - - 10 - - - 11 - - -	7.386 GHz	-63.55 dBm			Freq Offse 0 H

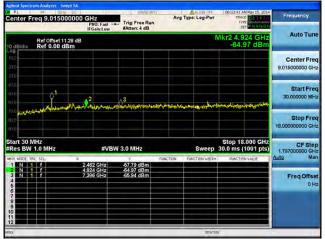
Antenna C





Antenna D

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Conducted Spurs Peak, 2462 MHz, HT-20 Beam Forming, M8 to M15



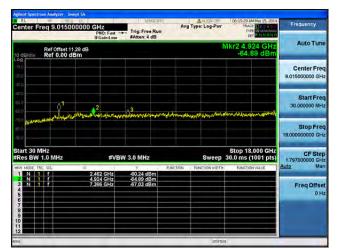
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Frequency	06:11:37 AM May 15, 2014 TRACE 12 4 5 TYPE CALL	Type: Log-Pwr	-	Trig: Free Run #Atten: 4 dB	Z O: Fast -+ ain:Low	0000 GH	9.01500		ent
Auto Tun	lkr2 4.924 GHz -63.43 dBm	M					f Offset 11 f 0.00 di		0 dB
Center Free 9.015000000 GH									00 000-
Start Free 30,000000 MH	ndaranan dipatan jirikatar	Burney Is a Martin	www.	3	frank and	2	§1		41.0 - 51.0 - 51.0 -
Stop Free 18.000000000 GH							an a	-kindlikin	71.Q (1.0 21.Q
CF Step 1.797000000 GH	Stop 18.000 GHz 30.0 ms (1001 pts)	Sweep 3		3.0 MHz	#VBV		MHz	30 MH: BW 1.0	
Auto Ma	FUNCTION VALUE	FUNCTION WIDSH 1	FUNCTIO	-59.52 dBm	GHz	* 2.462	LC.	DE TRC S	4.R M
Freq Offse 0 H				-63.43 dBm -64.40 dBm	GHz	4.924 7.386		1	3456
									789012
-		STATUS							10

Antenna C

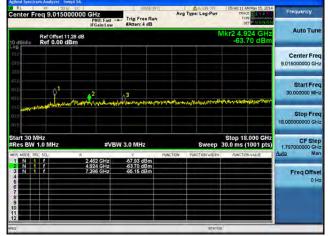




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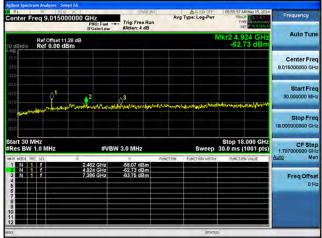
Page No: 316 of 387

Conducted Spurs Peak, 2462 MHz, HT-20 Beam Forming, M16 to M23









Antenna C

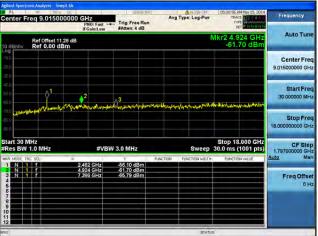




Antenna D

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enter Freq 9.015000000 GHz Avg Type: Fast --- Trig: Free Run Auto Tun Ref Offset 11.28 dB Ref 0.00 dBm Center Fre 9.015000000 GH Start Free 30,000000 MH Stop Fre CF Step 1,797000000 GHz Stop 18.000 GHz Sweep 30.0 ms (1001 pts) 30 MHz BW 1.0 MH W 3.0 MHz Ma -55.51 dBm -64.65 dBm -66.67 dBm 2.462 GHz 4.924 GHz 7.386 GHz Freq Offse



Antenna B

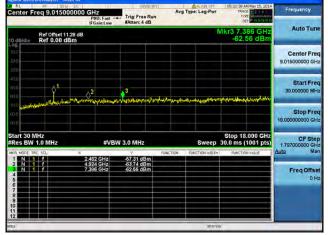
Page No: 318 of 387

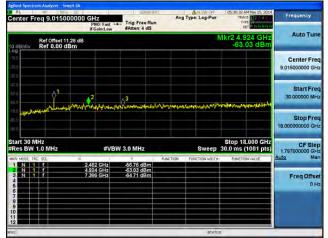
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Conducted Spurs Peak, 2462 MHz, HT-20 STBC, M0 to M7

Antenna A

Conducted Spurs Peak, 2462 MHz, HT-20 STBC, M0 to M7





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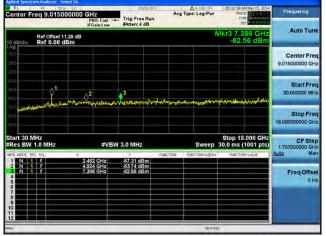
Antenna B

Antenna /	4
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enter Freq 9.015000			Avg Type: Log-Pwr	105:40:24 AM May 15, 2014 TRACE 12 4 F TYPE WARNED	Frequency
Ref Offset 11.2 0 dB/div Ref 0.00 dBr			٨	/kr2 4.924 GHz -65.32 dBm	Auto Tune
00 100 100					Center Fred 9.015000000 GH:
	nurwy working	3	n Joshy		Start Free 30,000000 MH
no no					Stop Free 18.00000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	CF Step 1.797000000 GH
AR MODE TRC SCL.	× 2.462 GHz	-55.66 dBm	NCTION FUNCTION WIDTH :	FUNCTION VALUE	Auto Mar
2 N 1 F 3 N 1 F 5 6	4.924 GHz 7.386 GHz	-65.32 dBm -65.40 dBm			Freq Offse 0 H
			STATLE		

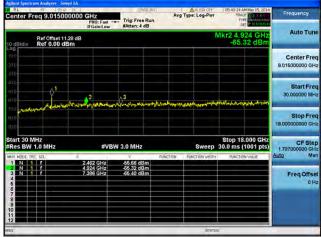
Antenna C

Page No: 319 of 387

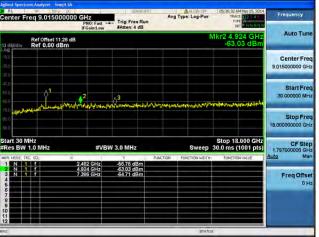


Conducted Spurs Peak, 2462 MHz, HT-20 STBC, M0 to M7





Antenna C



cisco





Antenna D

Page No: 320 of 387

Conducted Bandedge

15.205:

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

Use the procedures in 558074 D01 DTS Meas Guidance v03r02 .

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

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

Save 2 plots: Average Plot (Vertical and Horizontal), Limit= -41.25 dBm eirp (54dBuV/m @3m)

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

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

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

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Frequency (MHz)	Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Bandedge Level (dBm)	Tx 2 Bandedge Level (dBm)	Tx 3 Bandedge Level (dBm)	Tx 4 Bandedge Level (dBm)	Total Tx Bandedge Level (dBm)	Limit (dBm)	Margin (dB)
	CCK, 1 to 11 Mbps	1	8	-51.4				-43.4	-41.25	2.2
	CCK, 1 to 11 Mbps	2	8	-51.4	-61.7			-43.0	-41.25	1.8
	CCK, 1 to 11 Mbps	3	8	-53.4	-62.7	-63.8		-44.6	-41.25	3.3
	CCK, 1 to 11 Mbps	4	8	-55.3	-64.6	-65.7	-64.3	-46.0	-41.25	4.8
	Non HT-20, 6 to 54 Mbps	1	8	-51.1				-43.1	-41.25	1.9
	Non HT-20, 6 to 54 Mbps	2	8	-51.1	-54.6			-41.5	-41.25	0.2
	Non HT-20, 6 to 54 Mbps	3	8	-52.8	-57.8	-58.4		-42.8	-41.25	1.5
	Non HT-20, 6 to 54 Mbps	4	8	-52.8	-57.8	-58.4	-57.0	-41.9	-41.25	0.6
	Non HT-20 Beam Forming, 6 to 54 Mbps	2	11	-54.5	-59.0			-42.2	-41.25	0.9
	Non HT-20 Beam Forming, 6 to 54 Mbps	3	13	-56.4	-61.3	-63.4		-41.8	-41.25	0.5
	Non HT-20 Beam Forming, 6 to 54 Mbps	4	14	-58.8	-63.2	-65.6	-63.1	-41.9	-41.25	0.7
	HT-20, M0 to M7	1	8	-50.2				-42.2	-41.25	1.0
	HT-20, M0 to M7	2	8	-51.8	-56.9			-42.6	-41.25	1.4
	HT-20, M8 to M15	2	8	-51.8	-56.9			-42.6	-41.25	1.4
	HT-20, M0 to M7	3	8	-51.8	-56.9	-58.0		-41.9	-41.25	0.6
2412	HT-20, M8 to M15	3	8	-51.8	-56.9	-58.0		-41.9	-41.25	0.6
2	HT-20, M16 to M23	3	8	-51.8	-56.9	-58.0		-41.9	-41.25	0.6
	HT-20, M0 to M7	4	8	-53.5	-59.0	-60.4	-59.2	-43.1	-41.25	1.8
	HT-20, M8 to M15	4	8	-53.5	-59.0	-60.4	-59.2	-43.1	-41.25	1.8
	HT-20, M16 to M23	4	8	-53.5	-59.0	-60.4	-59.2	-43.1	-41.25	1.8
	HT-20 Beam Forming, M0 to M7	2	11	-53.5	-59.0			-41.4	-41.25	0.2
	HT-20 Beam Forming, M8 to M15	2	8	-51.8	-56.9			-42.6	-41.25	1.4
	HT-20 Beam Forming, M0 to M7	3	13	-57.3	-62.8	-74.2		-43.4	-41.25	2.1
	HT-20 Beam Forming, M8 to M15	3	10	-53.5	-59.0	-60.4		-42.0	-41.25	0.7
	HT-20 Beam Forming, M16 to M23	3	8	-51.8	-56.9	-58.0		-41.9	-41.25	0.6
	HT-20 Beam Forming, M0 to M7	4	14	-57.3	-62.8	-74.2	-63.0	-41.3	-41.25	0.1
	HT-20 Beam Forming, M8 to M15	4	11	-55.4	-61.0	-62.7	-61.3	-42.0	-41.25	0.8
	HT-20 Beam Forming, M16 to M23	4	9	-53.5	-59.0	-60.4	-59.2	-41.9	-41.25	0.6
	HT-20 STBC, M0 to M7	2	8	-51.8	-56.9			-42.6	-41.25	1.4
	HT-20 STBC, M0 to M7	3	8	-51.8	-56.9	-58.0		-41.9	-41.25	0.6
	HT-20 STBC, M0 to M7	4	8	-53.5	-59.0	-60.4	-59.2	-43.1	-41.25	1.8
9	CCK, 1 to 11 Mbps	1	8	-57.3				-49.3	-41.25	8.1
246 2	CCK, 1 to 11 Mbps	2	8	-57.3	-58.5			-46.8	-41.25	5.6
		Page	• No: 32	2 of 387	-				-	

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	-								
CCK, 1 to 11 Mbps	3	8	-60.2	-61.5	-57.6		-46.7	-41.25	5.4
CCK, 1 to 11 Mbps	4	8	-63.4	-63.8	-60.0	-61.3	-47.8	-41.25	6.6
Non HT-20, 6 to 54 Mbps	1	8	-50.1				-42.1	-41.25	0.8
Non HT-20, 6 to 54 Mbps	2	8	-54.7	-53.9			-43.3	-41.25	2.0
Non HT-20, 6 to 54 Mbps	3	8	-54.7	-53.9	-54.8		-41.7	-41.25	0.4
Non HT-20, 6 to 54 Mbps	4	8	-56.7	-55.6	-56.9	-56.5	-42.4	-41.25	1.1
Non HT-20 Beam Forming, 6 to 54 Mbps	2	11	-56.7	-55.6			-42.1	-41.25	0.9
Non HT-20 Beam Forming, 6 to 54 Mbps	3	13	-64.5	-60.5	-63.6		-44.9	-41.25	3.7
Non HT-20 Beam Forming, 6 to 54 Mbps	4	14	-64.5	-60.5	-63.6	-63.3	-42.7	-41.25	1.4
HT-20, M0 to M7	1	8	-51.1				-43.1	-41.25	1.9
HT-20, M0 to M7	2	8	-53.0	-53.9			-42.4	-41.25	1.2
HT-20, M8 to M15	2	8	-53.0	-53.9			-42.4	-41.25	1.2
HT-20, M0 to M7	3	8	-55.1	-55.8	-56.3		-42.9	-41.25	1.7
HT-20, M8 to M15	3	8	-55.1	-55.8	-56.3		-42.9	-41.25	1.7
HT-20, M16 to M23	3	8	-55.1	-55.8	-56.3		-42.9	-41.25	1.7
HT-20, M0 to M7	4	8	-55.1	-55.8	-56.3	-56.0	-41.8	-41.25	0.5
HT-20, M8 to M15	4	8	-55.1	-55.8	-56.3	-56.0	-41.8	-41.25	0.5
HT-20, M16 to M23	4	8	-55.1	-55.8	-56.3	-56.0	-41.8	-41.25	0.5
HT-20 Beam Forming, M0 to M7	2	11	-55.1	-55.8			-41.4	-41.25	0.2
HT-20 Beam Forming, M8 to M15	2	8	-53.0	-53.9			-42.4	-41.25	1.2
HT-20 Beam Forming, M0 to M7	3	13	-60.5	-60.1	-61.4		-43.1	-41.25	1.8
HT-20 Beam Forming, M8 to M15	3	10	-56.2	-56.4	-58.3		-42.3	-41.25	1.0
HT-20 Beam Forming, M16 to M23	3	8	-55.1	-55.8	-56.3		-42.9	-41.25	1.7
HT-20 Beam Forming, M0 to M7	4	14	-63.3	-61.8	-64.0	-62.0	-42.7	-41.25	1.4
HT-20 Beam Forming, M8 to M15	4	11	-60.5	-60.1	-61.4	-60.7	-43.6	-41.25	2.4
HT-20 Beam Forming, M16 to M23	4	9	-56.2	-56.4	-58.3	-57.6	-41.8	-41.25	0.6
HT-20 STBC, M0 to M7	2	8	-53.0	-53.9			-42.4	-41.25	1.2
HT-20 STBC, M0 to M7	3	8	-55.1	-55.8	-56.3		-42.9	-41.25	1.7
HT-20 STBC, M0 to M7	4	8	-55.1	-55.8	-56.3	-56.0	-41.8	-41.25	0.5

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Conducted Bandedge Average, 2412 MHz, CCK, 1 to 11 Mbps

Antenna A

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Frequency Auto Tur

Center Fre 2.054400000 GH

Start Fre

Stop Fre

CF St

Freq Offse

67

Conducted Bandedge Average, 2412 MHz, CCK, 1 to 11 Mbps

Center Freq 2.0544		Trig: Free Run #Atten: 10 dB	Avg Type: Log-Pwr	05:45:22 AM May 13, 2014 TRACE 12 4 4 5 TYPE DOT 011 111	Frequency
Ref Offset 1 Ref 10.00	1,17 dB	anden. 10 ub	Mk	r2 2.387 3 GHz -51.37 dBm	Auto Tune
000					Center Fred 2.054400000 GH:
-31.0 -41.0					Start Free 1.718800000 GH
eud mit eus					Stop Free 2.39000000 GH
Start 1.7188 GHz #Res BW 1.0 MHz	#VB	V 100 Hz	Sweep	Stop 2.3900 GHz 5.23 s (1001 pts)	CF Step 67.120000 MH
MKR MODE TRC SCL	2.390 0 GHz	-51.60 dBm	NETION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
2 N 1 f 3 4 5 5 6 7 8 9 10 11	2,387 3 GHz	-51.37 dBm			Freq Offse 0 H:
12			STATUS		

Antenna A

Antenna B

1.7188 GH BW 1.0 M

req 2.054400000 GHz PN0: Fast PN0: Fast Free Run SAtten: 10 dB

> 2.390 0 GHz 2.375 2 GHz

#VBW 100 Hz

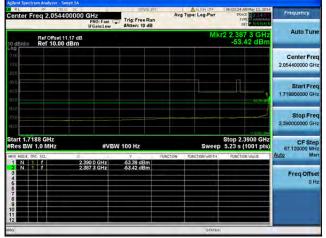
-61.71 dBm -67.19 dBm

Ref Offset 11.17 dB Ref 10.00 dBm Avg Type: Log

Stop 2.3900 GHz Sweep 5.23 s (1001 pts)

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Conducted Bandedge Average, 2412 MHz, CCK, 1 to 11 Mbps



Ref Offset 11,17 dB MIX12 2375 9 GH2 GERGY Ref 10,00 dBm -57.51 dBm GERGY GERGY -57.51 dBm GERGY GERGY -57.51 dBm GERGY GERGY -57.51 dBm GERGY -7.51 dBm -57.51 dBm GERGY -7.51 dBm -57.51 dBm GERGY -7.51 dBm -57.51 dBm GERGY -7.51 dBm <td< th=""><th></th><th>eq 2.0544</th><th>00000 G</th><th></th><th></th><th></th><th>Type: Log-Pwr</th><th>TRACE</th><th>May 13, 2014</th><th>Frequency</th></td<>		eq 2.0544	00000 G				Type: Log-Pwr	TRACE	May 13, 2014	Frequency
Center Fri 2.054400000 GHz 2.054400000 GHz 2.05400000 GHz 2.05400000 GHz 2.0500 GHz 2.0521 GHz 2.0500 GHz 2.0521 GHz 2.0500 GHz 2.0521 GHz <	dB/div						Mk	r2 2.375 -67.5	9 GHz 1 dBm	Auto Tune
B A Y Find Find CF Str. C Stop Find Stop Find CF Str. Stop Find Stop Find Stop Find Stop Find Stop Find Stop Find	00 00									Center Freq 2.054400000 GHz
10 10 10 10 10 10 10 10 10 10	00							_[]	_,	Start Fred 1.718800000 GH:
tant 1,7188 GHz Stop 2.3900 GHz CF Str 67.12000 M Res BW 1.0 MHz #VBW 100 Hz Sweep 5.23 s (1001 pts) 67.12000 M N 1 f 2.3959 GHz 67.21000 M Raction work Raction work Auto Auto 1 N 1 f 2.3759 GHz 67.51 dBm Fraction work Raction work Auto M 3 1 f 2.3759 GHz 67.51 dBm G	10									Stop Freq 2.390000000 GHz
1 N 1 f 2,3900 0Hz 62,74 dBm N 1 f 2,376 5 GHz 67,51 dBm 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Res BW	1.0 MHz		#VBW	100 Hz		Sweep	Stop 2.3 5.23 s (1	900 GHz 1001 pts)	CF Step 67.120000 MH
	1 N 1 2 N 1 3 4 5 6 7 8 9 9 0 1	171	2,390 2,375	10 GHz 9 GHz	-62.74 dBm -67.51 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION	VALUE	Freq Offse 0 H:

cisco

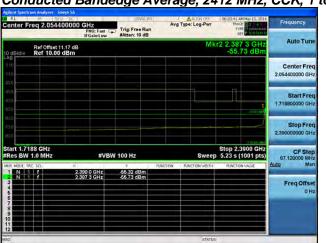
Antenna B

An	tenna	Α

RL Center F		400000	GHz PNO: Fast C, IFGain:Low	Trig: Free Ru #Atten: 10 dE	Avs	ALIGVOR Type: Log-Pwr	06:12:10 AM TRACE TYPE DET	12 4 6	Frequency Auto Tune	
10 dB/div	Ref Offse Ref 10.0				Mkr			r2 2.304 1 GHz -67.07 dBm		
0.00 (0.0) 									Center Free 2.054400000 GH	
80.8 40.9							П	1	Start Fre 1.718800000 GH	
60.8 70 0 60.9							\$ ²	470.0	Stop Fre 2.39000000 GH	
Start 1.71 Res BW			#VB\	V 100 Hz		Sweep	Stop 2.39 5.23 s (1)	00 GHz	CF Ste 67.120000 MH	
MKR MODE TR		2.3	90 0 GHz 04 1 GHz	-63.77 dBm -67.07 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION	VALUE	<u>Auto</u> Ma	
3 4 5 6 7 8 9 10									Freq Offse 0 H	
12	1-1		-			STATUS		_		

Antenna C

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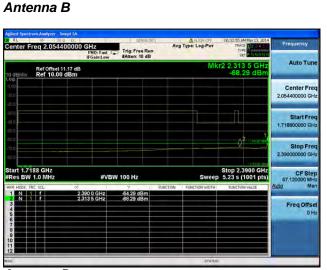


Freq 2.054400000 GHz PNO: Fest PNO: Fest Atten: 10 dB Avg Type: Log-P Frequency Auto Tur Ref Offset 11.17 dB Ref 10.00 dBm Center Fre 2.054400000 GI Start Fre Stop Fre 000000 GI rt 1.7188 GHz Stop 2.3900 GHz Sweep 5.23 s (1001 pts) CF Ste #VBW 100 Hz 67.12 -64.56 dBn -67.98 dBn 2.390 0 GHz 2.375 2 GHz Freq Offse



Frequency	8:50 AM May 15, 2014 TRACE 1 2 4 TYPE DOT P A DATA DE		ALIONOFF Type: Log-Pwr	A	Trig: Free Run #Atten: 10 dB		GHz PNO: Fast IFGaIn:Low	400000	q 2.054	er Fre	ente
	.304 1 GHz 67.08 dBm	kr2	M					11.17 dB 0 dBm	Ref Offset Ref 10.00	div	0 dB/
Center Fre 2.054400000 Gi											100 - 0.0 - 0.0 -
Start Fre 1.718800000 GI											0.0 0.0 0.0
Stop Fre 2.39000000 Gi											11.10 11.10 11.10
67.120000 M	p 2.3900 GHz 3 s (1001 pts)		Swee		00 Hz	/BW	#VE		6 GHz 0 MHz		
Auto Mi	INCTION WALVE		FUNCTION WIDT	FUNCTION	65.74 dBm 67.08 dBm		190 0 GHz 104 1 GHz				KR MO 2 N 3
01											56789012
		US	STAT								a l

Antenna C



Antenna D

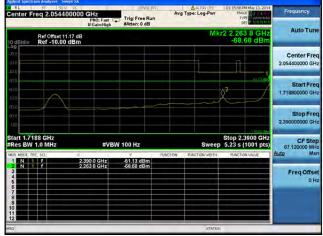
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Conducted Bandedge Average, 2412 MHz, CCK, 1 to 11 Mbps

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Conducted Bandedge Average, 2412 MHz, Non HT-20, 6 to 54 Mbps



Antenna A

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Conducted Bandedge Average, 2412 MHz, Non HT-20, 6 to 54 Mbps



req 2.054400000 GHz Avg Type: Log-Pu Frequency ast C Trig: Free Run Auto Tur Ref Offset 11.17 dB Ref -10.00 dBm Center Fre 2.054400000 GH Start Fre Stop Fre 0000000 GI Stop 2.3900 GHz Sweep 5.23 s (1001 pts) rt 1.7188 GHz CF Ste #VBW 100 Hz 67.12 -54.64 dBn -67.65 dBn 2.390 0 GHz 2.265 8 GHz Freq Offse

Antenna A

Antenna B

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Conducted Bandedge Average, 2412 MHz, Non HT-20, 6 to 54 Mbps

cisco

enter Freq 2.054400000 GHz PN0: Fat Trig: Free Run V Galetileh Avg Type: Log-Pv Auto Tur Ref Offset 11.17 dB Ref -10.00 dBm 2.263 8 G -70.27 di Center Fre 2.054400000 GH Start Fr 1.71 Stop Fre 2.39 Start 1.7188 GHz #Res BW 1.0 MHz Stop 2.3900 GHz Sweep 5.23 s (1001 pts) CF S #VBW 100 Hz 2.390 0 GHz 2.263 8 GHz -52.82 dBm -70.27 dBm Freq Offs OH

Center F		400000 GHz PNO: Fast IFGain:High	Trig: Free Run	Avg Type: Log-Pwr	D1:35:51 PMMay 13, 2014 TRACE 12 2 3 4 LVPE DUT P UNIVERSE DET P UNIVERSE	Frequency		
0 dB/div	Ref Offset 11.17 dB Mkr2 2.263 8 GHz dB/div Ref -10.00 dBm -68,99 dBm							
10 g 30 b 30 b 40 g						Center Freq 2.054400000 GHz		
sto 11.0 10.0					2 971 da	Start Freq 1.718800000 GHz		
80.6 80.6 160		\			100.00	Stop Freq 2.39000000 GHz		
	188 GHz 1.0 MHz	#VI	3W 100 Hz	Sweep	Stop 2.3900 GHz	CF Step 67.120000 MHz		
2 N	RC SOL	2.390 0 GHz 2.263 8 GHz	-57.77 dBm -68 99 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Man		
						Freq Offset 0 Hz		
11 12				STATU				

Antenna B

RL Center Fr	eq 2.05440		Trig: Free Run	Avg Type: Log-Pwr	01/39/46 PM May 13, 2014 TRACE 1 2 3 4 TYPE D DET P NUMBER	Frequency Auto Tune	
0 dB/div	Ref Offset 11. Ref -10.00 c			Mkr2 2.263 8 GHz -68.66 dBm			
000 1377 400						Center Free 2.054400000 GH	
50.0 60.9 70.9					2	Start Free 1.718800000 GH	
910 910 100						Stop Free 2.390000000 GH	
Res BW	1.0 MHz	#VE	W 100 Hz	Swee	Stop 2.3900 GHz 5.23 s (1001 pts)	CF Step 67.120000 MH Auto Mai	
123456		2.390 0 GHz 2.263 8 GHz	-58.42 dBm -68.66 dBm			Freq Offse 0 H	
7 8 9							
11							

Antenna C

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Avg Type: Log-Frequency 20 2 0544 PNO: Fast Catten: 0 dB Auto Tun Ref Offset 11.17 dB Ref -10.00 dBm Center Free 2.054400000 GH Start Fre 1.718 Stop Fre 0000000 G CF Ste 67.120000 MH es BW 1.0 MH Stop 2.3900 GH: Sweep 5.23 s (1001 pts #VBW 100 Hz 2.390 0 GHz 2.263 8 GHz -52.82 dBm -70.27 dBm Freq Offse





Frequency	01:39:46 PM May 13, 2014 TRACE 2 4 5 TYPE DET P 7 11 11	Type: Log-Pwr	Ave	Trig: Free Run #Atten: 0 dB	GHz PNO: Fast 😱	54400000		ter F
Auto Tu	2 2.263 8 GHz -68.66 dBm	Mk				set 11.17 dB 0.00 dBm	Ref Off Ref -1	B/div
Center Fr 2.054400000 G								
Start Fr 1.718800000 G	2							
Stop Fr 2.390000000 G	31/000 (84)							
CF St 67.120000 M	Stop 2.3900 GHz 5.23 s (1001 pts)	Sweep		100 Hz	#VBW	z	88 GHz 1.0 MH	
Auto M	FUNCTION VALUE	FUNCTION WIDTH	PUNCTION	-58.42 dBm -58.66 dBm	90 0 GHz 63 8 GHz			NUDE 19
Freq Offs 0								
		STATUS	_		-		-	

Antenna C



enter Freq 2.054	400000 GHz PNO: Fast IFGain:High	Trig: Free Run	Avg Type: Log-Pwr	01:43:56 PMMay 13, 2014 TRACE 12, 4 TVPE LET P 1010171	Frequency Auto Tune			
dB/div Ref -10.0	Ref Offset 11.17 dB Mkr2 2.263 8 GHz Jdiv Ref -10.00 dBm -68.07 dBm							
					Center Freq 2.054400000 GHz			
				2 2 2	Start Freq 1.718800000 GHz			
					Stop Freq 2.39000000 GHz			
art 1.7188 GHz tes BW 1.0 MHz	#VB	W 100 Hz	Sweep	Stop 2.3900 GHz 5.23 s (1001 pts)	CF Step 67.120000 MHz			
R HODE TRC SOL	∞ 2.390 0 GHz	-57.00 dBm	UNCTION FUNCTION WIDTH :	FUNCTION VALUE	Auto Man			
N 1 r	2.263 8 GHz	-68.07 dBm			Freq Offset 0 Hz			

Antenna D

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Conducted Bandedge Average, 2412 MHz, Non HT-20, 6 to 54 Mbps



Conducted Bandedge Average, 2412 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps



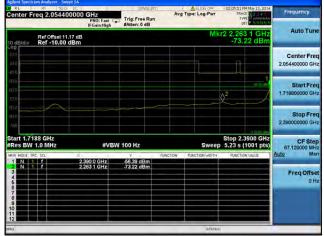


Antenna A

Antenna B

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Conducted Bandedge Average, 2412 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps



nter Freq 2.05440000		Trig: Free Run #Atten: 0 dB	Avg Type: Log-Pwr	02:09:37 PMMay 13, 2014 TRACE 12 CONT TYPE DOT P UNIVAL	Frequency
Ref Offset 11.17 di dB/div Ref -10.00 dBm	3		Mk	r2 2.263 1 GHz -71.51 dBm	Auto Tune
9 0 0					Center Freq 2.054400000 GHz
0				Q ²	Start Freq 1.718800000 GHz
					Stop Freq 2.390000000 GHz
art 1.7188 GHz les BW 1.0 MHz	#VBW	100 Hz	Sweep	Stop 2.3900 GHz 5.23 s (1001 pts)	CF Step 67.120000 MHz
N 1 F	2.390 0 GHz 2.263 1 GHz	-61.27 dBm -71.51 dBm	INCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Man
		- Tor Gen			Freq Offset 0 Hz
			STATUS		

Antenna B

	req 2.05440		Trig: Free Run #Atten: 0 dB	Avs	Type: Log-Pwr	TYPE	May 13, 2014	Frequency
Ref offiset 11.17 dB Mkr2 2.263 8 GH								Auto Tune
200 337 400								Center Fre 2.054400000 GH
90.8 90.9 70.9						2 ²	1	Start Fre 1.718800000 GH
90.0 								Stop Fre 2,39000000 GH
Start 1.71 Res BW	1.0 MHz	#VB	W 100 Hz	PUNCTION	Sweep FUNCTION WIDTH	Stop 2.39 5.23 s (1	001 pts)	CF Ste 67.120000 MH Auto Ma
1 N 1 3 4 6 6	17	2.390 0 GHz 2.263 8 GHz	-63.42 dBm -71.66 dBm	TONUTION		FUNCTION		Freq Offse
7 8 9 10								
12 1		-			STATU			

Antenna C

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Conducted Bandedge Average, 2412 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps







RL Center Fr	req 2.0544000		Trig: Free Run #Atten: 0 dB	Ave	Type: Log-Pwr	02:29:40 PM May 13, 2014 TRACE 1 2 4 TVPE 0 44444 DOT 2 14 10	Frequency
0 dB/div	Ref Offset 11.17 Ref -10.00 dB	dB m			MI	r2 2.320 2 GHz -71.34 dBm	Auto Tun
20 0 30.0 40 0							Center Fre 2.054400000 GH
60.6) 60.0 70.0						J ²	Start Fre 1.718800000 GH
eu de 90.0 - Cele						3/000000	Stop Fre 2.39000000 GH
tart 1.71 Res BW		#VB	N 100 Hz		Swee	Stop 2.3900 GHz 5.23 s (1001 pts)	CF Ste 67.120000 Mi
AKR MODE TH	111	2.390 0 GHz 2.320 2 GHz	-65.63 dBm -71.34 dBm	PUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Mi
3456							Freq Offs 01
7 8 9 10 11							
90					STATU	3	

Antenna C



enter Freq 2.054400000	CHZ PNO: Fast IFGain:High	Trig: Free Run #Atten: 0 dB	Avg	Type: Log-Pwr	02:33:28 PMM TRACE T LYPE I LIET P		Frequency Auto Tune
Ref Offset 11.17 dB			Mkr2 2.263 8 GHz -71.69 dBm				
09 m0 m0							Center Freq 2.054400000 GHz
800 110 110					\diamond^2	1	Start Freq 1.718800000 GHz
10 10 100							Stop Freq 2.39000000 GHz
itart 1.7188 GHz Res BW 1.0 MHz	#VBW	100 Hz		Sweep	Stop 2.390 5.23 s (10	00 GHz 01 pts)	CF Step 67.120000 MHz
	90 0 GHz	-63.11 dBm	UNCTION	FUNCTION WIDTH	FUNCTION VA	LUE	Auto Man
2 N 1 f 22 3 4 5 6	63 8 GHz	-71.69 dBm					Freq Offset 0 Hz
a			_	STATU		-	-

Antenna D

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Conducted Bandedge Average, 2412 MHz, HT-20, M0 to M7



Antenna A

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Conducted Bandedge Average, 2412 MHz, HT-20, M0 to M7



er Freq 2.054400000 GHz Avg Type: Log-Pu Frequency ast C Trig: Free Run Auto Tur Ref Offset 11.17 dB Ref -10.00 dBm Center Fre 2.054400000 GH Start Fre Stop Fre 000000 GI Stop 2.3900 GHz Sweep 5.23 s (1001 pts) rt 1.7188 GHz CF Ste #VBW 100 Hz 67.12 -56.91 dBn -70.62 dBn 2.390 0 GHz 2.264 5 GHz Freq Offse

Antenna A

Antenna B

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Conducted Bandedge Average, 2412 MHz, HT-20, M8 to M15



	req 2.054400	PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr	07:54:02 PMMay 13, 2014 TRACE 1 2 4 EVPE DET PUNKING	Frequency
0 dB/div	Ref Offset 11.1 Ref -10.00 d	IFGain:High	#Atten: 0 dB	M	r2 2.264 5 GHz -70.62 dBm	Auto Tune
99 10 10						Center Free 2.054400000 GH:
80 2.9 6.9						Start Fred 1.718800000 GH:
12.0 11.0 1027					1000	Stop Free 2.390000000 GH;
	1.0 MHz	#VE	W 100 Hz		Stop 2.3900 GHz 5.23 s (1001 pts)	CF Step 67.120000 MHz Auto Mar
KR MODE 11 1 N 1 2 N 1 3 4 5 6 7 8 9 9	1070	2.390.0 GHz 2.264.5 GHz	-70.62 dBm	FUNCTION HOTH	RUNCTION VALUE	Auto Man Freq Offsel 0 Ha
1				STATU		

Antenna B

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Conducted Bandedge Average, 2412 MHz, HT-20, M0 to M7



Antenna A

	eq 2.05440		Trig: Free Run #Atten: 0 dB	Ava	Type: Log-Pwr	TRAC	4 May 13, 2014 = 1 2 3 4 5 6 = 1 2 3 6 7 = 1 2 3 7 =	Frequency
10 dB/div	Ref Offset 11. Ref -10.00				MI	r2 2.264 -70.3	5 GHz 31 dBm	Auto Tune
200						<u>n</u>		Center Free 2.054400000 GH
90.6 91.9 73.9						2 ²		Start Fre
91.0 91.0 105							dame	Stop Fre 2.39000000 GH
Start 1.718 Res BW	.0 MHz		W 100 Hz			p 5.23 s (900 GHz 1001 pts)	CF Ste 67.120000 MH Auto Ma
MKR MODE TRO		2.390 0 GHz 2.264 5 GHz	-57.98 dBm -70.31 dBm	PUNCTION	PUNCTION WIDTH	FUNCTION	N WALUE	Freq Offse 0 H
10					STATU			

Antenna C

nter Freq 2.05440000		Trig: Free Run #Atten: 0 dB	Avg Type: Log-Pwr	D7:54:02 PMMay 13, 2014 TRACE 2 CONTRACT PRACE	Frequency
Ref Offset 11.17 dE			Mk	r2 2.264 5 GHz -70.62 dBm	Auto Tune
					Center Freq 2.054400000 GHz
					Start Freq 1.718800000 GHz
					Stop Freq 2.39000000 GHz
art 1.7188 GHz es BW 1.0 MHz	#VBW		SWeep	Stop 2.3900 GHz 5.23 s (1001 pts)	CF Step 67.120000 MHz Auto Man
	390.0 GHz 264.5 GHz	-56.91 dBm -70.62 dBm			Freq Offset 0 Hz
	264 5 GHz	-70 62 dBm	STALLS		

cisco

Antenna B

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Conducted Bandedge Average, 2412 MHz, HT-20, M8 to M15



Center Fi	eq 2.05440		Trig: Free Run #Atten: 0 dB	Avg Type: Log-F	WT TRA	PAMay 13, 2014	Frequency
0 dB/div	Ref Offset 11. Ref -10.00 c	17 dB			Mkr2 2.26 -70	4 5 GHz 62 dBm	Auto Tune
20.0 20.0 46.0					1		Center Freq 2.054400000 GHz
50 p 66 p 76 p					2 ²		Start Freq 1.718800000 GHz
800							Stop Freq 2.39000000 GHz
tart 1.71 Res BW	1.0 MHz	#VB	W 100 Hz	NCTION FUNCTION W	reep 5.23 s	3900 GHz (1001 pts)	CF Step 67.120000 MHs Auto Mar
1 N 1 2 N 1 3 4 5 6 7 8 9 9	f	2.390 0 GHz 2.264 5 GHz	-56.91 dBm -70.62 dBm				Freq Offsel 0 Hz
12 12				5	TATUS		

Antenna A

q 2.05440	0000 GHz	Trig: Free Run	Avg Type: Log-Pwr	07:57:51 PM May 13, 2014 TRACE 12 4 TYPE D 14 DOT P N 14 14 14	Frequency
			MI	r2 2.264 5 GHz -70.31 dBm	Auto Tune
					Center Freq 2.054400000 GHz
				2	Start Freq 1.718800000 GHz
					Stop Freq 2.39000000 GHz
.0 MHz				Stop 2.3900 GHz 5.23 s (1001 pts)	CF Step 67.120000 MHz Auto Man
1	2.390 0 GHz 2.264 5 GHz	-57 98 dBm -70.31 dBm			Freq Offset 0 Hz
	Ref Offset 11.	eq 2.054400000 GHz PROFee (Foliettip) Ref -10.00 dBm 	aq 2.054400000 GHz PB0C Fat Trig: Free Run PE0C Fat Trig: Free Run PE0C Fat Trig: Free Run PE0C Fat Attent 0 dB Ref -10.00 dBm State - 0 dB State - 0 dB	aq 2.054400000 GHz Trig:Free Run Brearbing Trig:Free Run Avg Type: Log:Por Trig: Free Run Avg Type: Log:Por Rr Orner 11.7 g / Context (1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Sq. 2.054400000 GHz, Brochattype Trig: Free Run Brochattype Trig: Free Run Brochattype

Antenna C

Antenna B

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Conducted Bandedge Average, 2412 MHz, HT-20, M16 to M23



enter Freq 2.054400		Trig: Free Run #Atten: 0 dB	Avg Type: Log-Pwr	07:54:02 PMMay 13, 2014 TRACE 12 C F	Frequency
Ref Offset 11.1 0 dB/div Ref -10.00 d			M	r2 2.264 5 GHz -70.62 dBm	Auto Tune
09 200 200					Center Freq 2.054400000 GHz
500 660 760				2 2	Start Freq 1.718800000 GHz
					Stop Freq 2.39000000 GHz
tart 1.7188 GHz Res BW 1.0 MHz		100 Hz		Stop 2.3900 GHz 5.23 s (1001 pts)	CF Step 67.120000 MHs Auto Mar
NR HODEL TRC SCL 1 N 1 F 3 N 1 F 4	2,390 0 GHz 2,264 5 GHz	-70.62 dBm	PUNCTION FUNCTION WOTH	FUNCTION VALUE	Freq Offset 0 Hz
11 12			STATU		

Antenna B

	req 2.054400			Avg Type: Log-Pwr	07:57:51 PM May 13, 2014 TRACE 22.4 TYPE DUMULAN OUT P NINTEN	Frequency
0 dB/div	Ref Offset 11.1 Ref -10.00 d	17 dB IBm		MI	r2 2.264 5 GHz -70.31 dBm	Auto Tun
30.0						Center Fre 2.054400000 GH
60.8 60.0 70.0						Start Fre 1.718800000 GH
61.0 90.0 (69					1000	Stop Fre 2.35000000 GH
Start 1.71 Res BW	1.0 MHz	#VE	W 100 Hz	SWeep	Stop 2.3900 GHz 5.23 s (1001 pts)	CF Ste 67.120000 MH Auto Ma
1 N 2 N 3 4 5		2,390 0 GHz 2,264 5 GHz	-57.98 dBm -70.31 dBm	AND THE THE WOLFS	FORCTON VALUE	Freq Offse
6 7 8 9						
11						

Antenna C

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Conducted Bandedge Average, 2412 MHz, HT-20, M0 to M7







enter F	req 2.054400		Trig: Free Run #Atten: 0 dB	Avg	Type: Log-Pwr	108:13:37 PM May 13, 2014 TRACE 1, 2, 7, 4 TYPE D OTT P N M M 11	Frequency
0 dB/div	Ref Offset 11.1 Ref -10.00 d				MI	r2 2.320 2 GHz -71.28 dBm	Auto Tune
100 110 110							Center Fre 2.054400000 GH
0.6 40 110						2000	Start Fre 1.718800000 GH
80.02 90.00 1000						31000	Stop Fre 2.39000000 GH
tart 1.71 Res BW	188 GHz 1.0 MHz	#VB	W 100 Hz		Sweep	Stop 2.3900 GHz 5.23 s (1001 pts)	CF Ste 67.120000 MH
AKR MODE 19	1	2.390 0 GHz 2.320 2 GHz	-60.42 dBm -71.28 dBm	PUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
3 4 5 6 7							Freq Offse 0 H
8 9 10 11							
90				_	STATUS		-

Antenna C



enter F	req 2.05440		Trig: Free Run	Avş	ALIONOR Type: Log-Pwr	TRA	EMMay 13, 2014 ICE 12, 4 ICE 12, 4 I	Frequency
0 dB/div	Ref Offset 11. Ref -10.00				MI		5 8 GHz 04 dBm	Auto Tune
.0g mij mij mij						1		Center Freq 2.054400000 GHz
5070 61.0 76.0						\Diamond^2	-5020-000	Start Freq 1.718800000 GHz
162								Stop Freq 2.39000000 GHz
tart 1.71 Res BW	188 GHz 1.0 MHz	#VBV	V 100 Hz		Swee	Stop 2. p 5.23 s	3900 GHz (1001 pts)	CF Step 67.120000 MHz
	111	× 2.390 0 GHz	-59.24 dBm	UNCTION	FUNCTION WIDTH	FUNCTI	ON VALUE	Auto Man
2 N 1		2.265 8 GHz	-71.04 dBm					Freq Offset 0 Hz
7 8 9 10 11								
sa			-		STATU	Si	-	

Antenna D

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Conducted Bandedge Average, 2412 MHz, HT-20, M8 to M15







enter F	req 2.054400		Trig: Free Run #Atten: 0 dB	Avg	Type: Log-Pwr	108:13:37 PM May 13, 2014 TRACE 1, 2, 7, 4 TYPE D OTT P N M M 11	Frequency
0 dB/div	Ref Offset 11.1 Ref -10.00 d				MI	r2 2.320 2 GHz -71.28 dBm	Auto Tune
100 110 110							Center Fre 2.054400000 GH
0.6 40 110						2000	Start Fre 1.718800000 GH
80.02 90.00 1000						31000	Stop Fre 2.39000000 GH
tart 1.71 Res BW	188 GHz 1.0 MHz	#VB	W 100 Hz		Sweep	Stop 2.3900 GHz 5.23 s (1001 pts)	CF Ste 67.120000 MH
AKR MODE 19	1	2.390 0 GHz 2.320 2 GHz	-60.42 dBm -71.28 dBm	PUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
3 4 5 6 7							Freq Offse 0 H
8 9 10 11							
90				_	STATUS		-

Antenna C



enter Freq 2.05440		Trig: Free Run	Avg Type: Log-Pwr	09:17:25 PMMay 13, 2014 TRACE 12 4 TVPE DET P TANGTON	Frequency
Ref Offset 11. dB/div Ref -10.00 c	17 dB IBm		Mk	r2 2.265 8 GHz -71.04 dBm	Auto Tune
09 no no 60					Center Freq 2.054400000 GHz
				2 ² 1000	Start Freq 1.718800000 GHz
10 10 10					Stop Free 2.390000000 GH:
tart 1.7188 GHz Res BW 1.0 MHz	#VB	W 100 Hz	Sweep	Stop 2.3900 GHz 5.23 s (1001 pts)	07.120000 Hitta
KR MODE TRC SCL 1. N 1 F 2. N 1 F 3. 4.	2.390 0 GHz 2.265 8 GHz	-59.24 dBm -71.04 dBm	UNCTION (FUNCTION WIDTH)	FUNCTION VALUE	Auto Man Freq Offset
5 6 7 8 9 0					01.

Antenna D

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Conducted Bandedge Average, 2412 MHz, HT-20, M16 to M23







enter F	req 2.054400		Trig: Free Run #Atten: 0 dB	Avg	Type: Log-Pwr	108:13:37 PM May 13, 2014 TRACE 1, 2, 14 TYPE D OT P N 41 (11)	Frequency
0 dB/div	Ref Offset 11.1 Ref -10.00 d				MI	r2 2.320 2 GHz -71.28 dBm	Auto Tune
100 110 110							Center Fre 2.054400000 GH
0.6 40 110						2000	Start Fre 1.718800000 GH
80.02 90.00 1000						31000	Stop Fre 2.39000000 GH
tart 1.71 Res BW	188 GHz 1.0 MHz	#VB	W 100 Hz		Sweep	Stop 2.3900 GHz 5.23 s (1001 pts)	CF Ste 67.120000 MH
AKR MODE 19	1	2.390 0 GHz 2.320 2 GHz	-60.42 dBm -71.28 dBm	PUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
3 4 5 6 7							Freq Offse 0 H
8 9 10 11							
90				_	STATUS		-

Antenna C



	req 2.054400	DOOD GHz PNO: Fast C IFGain:Nigh	A 10 A 10 A 10	Ave	Type: Log-Pwr	TRU	PM May 13, 2014 ACE 12 Control (14) VPE 12 Control (14) DET 12 CONTROL (14)	Frequency
dB/div	Ref Offset 11.1 Ref -10.00 d				Mk		5 8 GHz 04 dBm	Auto Tune
99 10 10 10						Π		Center Freq 2.054400000 GHz
τρ έφ έφ						\Diamond^2	-1013-000	Start Freq 1.718800000 GHz
10) 10) 163								Stop Freq 2.39000000 GHz
art 1.71 Res BW	88 GHz 1.0 MHz	#VB	N 100 Hz		Sweep	Stop 2 5.23 s	.3900 GHz (1001 pts)	CF Step 67.120000 MHz
A MODE TH		∞ 2.390 0 GHz	-59.24 dBm	PUNCTION	FUNCTION WIDTH	FUNCT	ION VALUE	Auto Man
2 N 1 3 4 5 6		2 265 8 GHz	-71,04 dBm					Freq Offset 0 Hz
7 8 9 0 1 2								
a					STATUS			-

Antenna D

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Conducted Bandedge Average, 2412 MHz, HT-20 Beam Forming, M0 to M7





Antenna B

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Conducted Bandedge Average, 2412 MHz, HT-20 Beam Forming, M8 to M15 Int Stead on the State S Avg Type: Log-Pv Frequency Auto Tur Ref Offset 11.17 dB Ref -10.00 dBm 2.262 5 GI -71.76 dB Center Fre 2.054400000 GH Start Fre 1,718800 Stop Fre 2.39000000 GH CF Ster 67.120000 MH Ma Start 1.7188 GHz #Res BW 1.0 MHz Stop 2.3900 GHz Sweep 5.23 s (1001 pts) #VBW 100 Hz 2.390 0 GHz 2.262 5 GHz -51.77 dBm -71.76 dBm Freq Offse

Svertimen Alley Filler Filler Freq 2.054400000 GHz PRO: Fine (p) FiGain/High KGain/High Avg Type: Log-Pwr Frequen Auto Tu Ref Offset 11.17 dB Ref -10.00 dBm .264 5 70.62 c Center Fre 2.054400000 GH Start Fr 1.718800000 0 Stop Fre 23 Start 1.7188 GHz #Res BW 1.0 MH CF Step 67.120000 MI Stop 2.3900 GHz Sweep 5.23 s (1001 pts) #VBW 100 Hz Ma 2.390 0 GHz 2.264 5 GHz -56.91 dBn -70.62 dBn Freq Offse OH

Antenna B

Antenna A

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Conducted Bandedge Average, 2412 MHz, HT-20 Beam Forming, M0 to M7 enter Freq 2.054400000 GHz Processor Freq 2.054400000 GHz Processor Freq 2.054400000 GHz Processor Freq 2.054400000 GHz Processor Freq 2.054400000 GHz Avg Type: Log-Pv Auto Tur Ref Offset 11.17 dB Ref -10.00 dBm 2.240 3 G -74.29 dE Center Fre 2.054400000 GH Start Fr 1.71 Stop Fre 2.3 Start 1.7188 GHz #Res BW 1.0 MHz CF St 67.120000 4 Stop 2.3900 GHz Sweep 5.23 s (1001 pts) #VBW 100 Hz 2.390 0 GHz 2.240 3 GHz -57 28 dBm -74 29 dBm Freq Offs OH

enter Fi	req 2.054			Trig: Free Run #Atten: 0 dB	Avg	ALIGN OFF	TRAC	MMay 13, 2014	Frequency
0 dB/div	Ref Offset Ref -10.0					Mk	r2 2.24 -74.	0 3 GHz 36 dBm	Auto Tune
99 10 10 10									Center Fred 2.054400000 GH:
10 10 10						\$²			Start Free 1.718800000 GH:
10 10 67									Stop Free 2.390000000 GH
art 1.71 Res BW	88 GHz 1.0 MHz		#VB	W 100 Hz		Sweep		3900 GHz 1001 pts)	CF Step 67.120000 MH
	IC SOL	~	2.390 0 GHz 2.240 3 GHz	-62.83 dBm -74.36 dBm	FUNCTION	FUNCTION WIDTH	FUNCTIO	IN VALUE	Auto Mar Freq Offse
456789012									o H:
5					_	STATUS		-	

Antenna B

enter Fr	eq 2.0544	00000 GHz PNO: Fast IFGain:Hig	Trig: Free Ri #Atten: 0 dB	Avg	ALIGN OFF	09:43:56 PM May 13, 2014 TRACE 12:34 TYPE 12:34 DET 2 N M M M	Frequency
0 dB/div	Ref Offset 1 Ref -10.00	1.17 dB) dBm			Mk	r2 2.304 1 GHz -71.12 dBm	Auto Tune
-09 -00 							Center Free 2.054400000 GH
60.00 60.00 70.0						2 410 M	Start Free 1.718800000 GH
90.0 90.0 - Cali						atomate	Stop Fre 2.39000000 GH
start 1.71 Res BW	1.0 MHz	#V	BW 100 Hz		Sweep	Stop 2.3900 GHz 5.23 s (1001 pts)	CF Stel 67.120000 MH
IN 1 N 1	11	2.390 0 GHz 2.304 1 GHz	-64.62 dBm -71.12 dBm	FUNCTION	FUNCTION WIDTH	RUNCTION VALUE	Auto Ma Freg Offse
4 5 6 7 8 9 10 11 12							OH

Antenna C

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Conducted Bandedge Average, 2412 MHz, HT-20 Beam Forming, M8 to M15



Center Fi	req 2.05440		Trig: Free Run	Avg Type: Log-Pwr	08:09:46 FM May 13, 2014 TRACE 2 4 5 TVPE 10 10 10 10 10	Frequency
0 dB/div	Ref Offset 11. Ref -10.00 c	17 dB	sitten o db	M	r2 2.264 5 GHz -72.24 dBm	Auto Tune
og nó nó						Center Freq 2.054400000 GHz
80						Start Fred 1.718800000 GH:
110 102					1000.000	Stop Fred 2.39000000 GH:
tart 1.71 Res BW	1.0 MHz	#VB	W 100 Hz	Swee	Stop 2.3900 GHz 5.23 s (1001 pts)	CF Step 67.120000 MHs Auto Mar
1 N 1 2 N 1 3 4 4 5 6 7 7 8 9 9 10	11	2.390 0 GHz 2.264 5 GHz	-59.98 dBm -72.24 dBm			Freq Offsel 0 Hz
12 1				STATU		

Antenna B

Antenna	Α

Center Fr	eq 2.054400	DOOD GHZ PNO: Fast C IFGain:High	100000	Avg Type: Log-Pwr	09:13:37 PM May 13, 2014 TRACE 1 2 14 TYPE 0 DOT P N 011011	Frequency	
0 dB/div	Ref Offset 11.1 Ref -10.00 d			Mkr2 2.320 2 GH -71.28 dB			
-00 -00 -00 -00						Center Fred 2.054400000 GH:	
60.6 60.0 70.0					2 = 0.0	Start Free 1.718800000 GH	
end en o Heis						Stop Fre 2.39000000 GH	
Start 1.711 Res BW	1.0 MHz	#VB	W 100 Hz	SWeep	Stop 2.3900 GHz 5.23 s (1001 pts)	CF Ster 67.120000 MH Auto Mar	
1 N 1 2 N 1 3	11	2.390 0 GHz 2.320 2 GHz	-60.42 dBm -71.28 dBm			FreqOffse	
4 5 6 7 8 9 10 11							

Antenna C

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Conducted Bandedge Average, 2412 MHz, HT-20 Beam Forming, M16 to M23



	0000 GHz PNO: Fat	a 🕞 Trig: Free Run	Avg Type: Log-Pwr	075402 PMMay 13, 2 TRACE 12 4 TVPE DET P 1010	Frequency
	17 dB	gn skiten ogs	M	12 2.264 5 GH -70.62 dB	
					Center Freq 2.054400000 GHz
				2 2	Start Freq 1.718800000 GHz
					Stop Fred 2.390000000 GH:
8 GHz .0 MHz				Stop 2.3900 Gi p 5.23 s (1001 pi	HZ CE Char
£	2.390 0 GHz 2.264 5 GHz	-66.91 dBm -70.52 dBm			Freq Offsel 0 Hz
	8 GHz .0 MHz	8 GHz 0 MHz 2 2390 GHz 8 GHz 0 MHz #	ag 2.054400000 GHz PB0C Fat ← If calistity → Ref 0.00 dBm Ref 10.00 dBm 8 GHz 8 GHz 0 MHz 2 500 GHz 2 500 0Hz 4 551 18m	8 GHz #VBW 100 Hz Sweet 8 GHz #VBW 100 Hz Sweet	Arg Type: Log-Pur March Dig March Dig

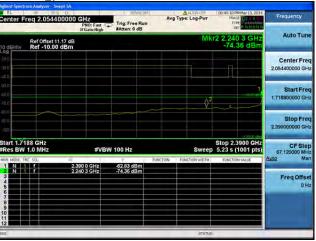
Antenna B

enter Fr	eq 2.0544000		Trig: Free Run #Atten: 0 dB	Avg Type: Log-Pwr	07:57:51 PM May 13, 2014 TRACE 1 2 4 TYPE 2 DOT PN NTOLES	Frequency
0 dB/div	Ref Offset 11.17 o Ref -10.00 dBr			MI	r2 2.264 5 GHz -70.31 dBm	Auto Tune
00 0.0 0.0						Center Free 2.054400000 GH
08 40 09						Start Free 1.718800000 GH
10.0 10.0 10.0						Stop Fre 2.39000000 GH
Res BW	1.0 MHz	#VBW	/ 100 Hz	Sweet	Stop 2.3900 GHz 5.23 s (1001 pts)	CF Ste 67.120000 MH Auto Ma
1 N 1 2 N 1 3 4 5	11	2.390 0 GHz 2.264 5 GHz	-57.98 dBm -70.31 dBm			Freq Offse 0 H
6 7 8 9 10 11						
12				STATU		

Antenna C

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Avg Type: Log-P Frequency 2 0544 PNO: Fast Trig: Free Run Auto Tun Ref Offset 11.17 dB Ref -10.00 dBm .240 3 C 74.29 d Center Free 2.054400000 GH Start Fre 1.718 Stop Fre 0000000 Gi art 1.7188 GHz es BW 1.0 MH Stop 2.3900 GH: Sweep 5.23 s (1001 pts CF Ste 67.120000 MI #VBW 100 Hz -57 28 dBm -74.29 dBm 2.390 0 GHz 2.240 3 GHz Freq Offse





	eq 2.0544	00000 GHz PN0: Fast	Trig: Free Run	Avg	ALIGNOW Type: Log-Pwr	DB:43:56 PM May 13, TRACE 2010 TVPE DET P V N	Frequency
0 dB/div	Ref Offset 1 Ref -10.00	1.17 dB I dBm			MI	r2 2.304 1 G -71.12 dE	
20.0 30.0 40.0							Center Free 2.054400000 GH
60.0							1 Start Fre 1.718800000 GH
end end (dd							Stop Fre 2.39000000 GH
start 1.71 #Res BW		#VE	W 100 Hz		Sweep	Stop 2.3900 G 5.23 s (1001 p	Hz CF Ste (5) 67.120000 MH
MKR MODE TRI	17	× 2.390 0 GHz	-64.62 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
2 N 1 3 4 5 6		2,304 1 GHz	-71.12 dBm				Freq Offse
7 8 9 10 11							
12				_	STATU		

Antenna C



	req 2.05440000				ALION OF	OB:49:29 PMIMay TRACE TVPE		Frequency
0 dB/div	Ref Offset 11.17 c Ref -10.00 dBr	18 M			Mk	r2 2.304 1 -73.13 c		Auto Tune
20.0 20.0 46.0								Center Freq 2.054400000 GHz
5070 68 0 76 0						¢²	1	Start Freq 1.718800000 GHz
80.0) 80.0 102								Stop Freq 2.39000000 GHz
start 1.71 Res BW	188 GHz 1.0 MHz	#VB	V 100 Hz		Sweep	Stop 2.3900 5.23 s (100	GHz 1 pts)	CF Step 67.120000 MHz
	17	2.390 0 GHz	-62.96 dBm	PUNCTION 4	UNCTION WIDTH	FUNCTION VALU	ε	Auto Man
2 N 3 4 5 6		2.304 1 GHz	-73,13 dBm					Freq Offset 0 Hz
7 8 9 10 11								
sa					STATUS		-	-

Antenna D

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Conducted Bandedge Average, 2412 MHz, HT-20 Beam Forming, M0 to M7

Avg Type: Log-P Frequency 2 0544 00000 GHz PNO: Fast Trig: Free Run Atten: 0 dB Auto Tun Ref Offset 11.17 dB Ref -10.00 dBm 2.239 7 G -74.26 d Center Free 2.054400000 GH Start Fre 1.71 Stop Fre 0000000 Gi art 1.7188 GHz es BW 1.0 MH Stop 2.3900 GH: Sweep 5.23 s (1001 pts CF Ste 67.120000 MI #VBW 100 Hz -55.42 dBm -74.26 dBm 2.390 0 GHz 2.239 7 GHz Freq Offse



Antenna A

enter F	req 2.0544	00000 GHz PNO: Fast IFGain:High	Trig: Free Run #Atten: 0 dB	Avg	Type: Log-Pwr	108:28:48 PM May 13, 2014 TRACE 1, 2, 14 TYPE D DOT P N M M 11	Frequency
0 dB/div	Ref Offset 11 Ref -10.00				Mk	r2 2.320 2 GHz -71.55 dBm	Auto Tun
20.0 30.0 40.0							Center Fre 2.054400000 GH
50.6 50.0 70.0						2 200	Start Fre 1.718800000 Gi
80.0 20.0 100						1/000	Stop Fr 2.39000000 G
tart 1.71 Res BW	88 GHz 1.0 MHz	#VE	3W 100 Hz		Sweep	Stop 2.3900 GHz 5.23 s (1001 pts)	CF Ste 67.120000 M
IN N	RC SCL	2.390 0 GHz 2.320 2 GHz	-62.67 dBm -71.55 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto M
3 4 5 6 7							Freq Offs 01
8 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							
10					STATUS		

Antenna C



enter Fi	req 2.054400		Trig: Free Run	Avg Type	Log-Pwr	TRA	MMay 13, 2014	Frequency
dB/div	Ref Offset 11.1 Ref -10.00 d	17 dB IBm			MI		5 2 GHz 32 dBm	Auto Tune
10 10 10 50								Center Freq 2.054400000 GHz
070 200 6.0						\Diamond^2	61.29. 0 1	Start Freq 1.718800000 GHz
10 10 100								Stop Freq 2.39000000 GHz
	1.0 MHz	#VE	W 100 Hz		Sweep	5.23 s	3900 GHz 1001 pts)	CF Step 67.120000 MHz
	C SOL	2.390 0 GHz 2.265 2 GHz	-61.29 dBm -72.32 dBm	NCTION FUN	CTION WIDTH	RUNCTIO	IN VALUE	Auto Man
4 4 6 6 7 8 9 9 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								Freq Offsel 0 Hz
2	1.1				STATUS	51	-	

Antenna D

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Conducted Bandedge Average, 2412 MHz, HT-20 Beam Forming, M8 to M15

Conducted Bandedge Average, 2412 MHz, HT-20 Beam Forming, M16 to M23







enter F	req 2.054400		Trig: Free Run #Atten: 0 dB	Avg	Type: Log-Pwr	108:13:37 PM May 13, 2014 TRACE 1, 2, 7, 4 TYPE D OTT P N M M 11	Frequency
0 dB/div	Ref Offset 11.1 Ref -10.00 d				MI	r2 2.320 2 GHz -71.28 dBm	Auto Tune
100 110 110							Center Fre 2.054400000 GH
0.6 40 110						2000	Start Fre 1.718800000 GH
80.02 90.00 1000						31000	Stop Fre 2.39000000 GH
tart 1.71 Res BW	188 GHz 1.0 MHz	#VB	W 100 Hz		Sweep	Stop 2.3900 GHz 5.23 s (1001 pts)	CF Ste 67.120000 MH
AKR MODE 19	1	2.390 0 GHz 2.320 2 GHz	-60.42 dBm -71.28 dBm	PUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
3 4 5 6 7							Freq Offse 0 H
8 9 10 11							
90				_	STATUS		-

Antenna C



enter Freq 2.05440		Trig: Free Run	Avg Type: Log-Pwr	09:17:25 PMMay 13, 2014 TRACE 12 4 TVPE DET P TANGTON	Frequency
Ref Offset 11. dB/div Ref -10.00 c	17 dB IBm		Mk	r2 2.265 8 GHz -71.04 dBm	Auto Tune
09 no no 60					Center Freq 2.054400000 GHz
				2 ² 1000	Start Freq 1.718800000 GHz
10 10 10					Stop Free 2.390000000 GH:
tart 1.7188 GHz Res BW 1.0 MHz	#VB	W 100 Hz	Sweep	Stop 2.3900 GHz 5.23 s (1001 pts)	07.120000 Hitta
KR MODE TRC SCL 1. N 1 F 2. N 1 F 3. 4.	2.390 0 GHz 2.265 8 GHz	-59.24 dBm -71.04 dBm	UNCTION (FUNCTION WIDTH)	FUNCTION VALUE	Auto Man Freq Offset
5 6 7 8 9 0					01.

Antenna D

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Conducted Bandedge Average, 2412 MHz, HT-20 STBC, M0 to M7



Freq 2.054400000 GHz PN0; Fast File Run PN0; Fast Atten: 0 dB Avg Type: Log-Pu Frequency Auto Tur Ref Offset 11.17 dB Ref -10.00 dBm Center Fre 2.054400000 GI Start Fre Stop Fre 000000 GI Stop 2.3900 GHz Sweep 5.23 s (1001 pts) art 1.7188 GHz es BW 1.0 MH CF Ste #VBW 100 Hz 67.12 -56.91 dBn -70.62 dBn 2.390 0 GHz 2.264 5 GHz Freq Offse

Antenna A

Antenna B

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Conducted Bandedge Average, 2412 MHz, HT-20 STBC, M0 to M7



	req 2.0544000		Trig: Free Run #Atten: 0 dB	Avg Type: Log-Pwr	07:54:02 PMMay 13, 2014 TRACE 2 2 4 EVPE STURMAN	Frequency
0 dB/div	Ref Offset 11.17 Ref -10.00 dB	dB Im		Mk	r2 2.264 5 GHz -70.62 dBm	Auto Tune
0.0 0.0 0.0						Center Freq 2.054400000 GHz
εά 1.0 6.0					2 and	Start Freq 1.718800000 GHz
10 10 10					100000	Stop Freq 2.39000000 GHz
	1.0 MHz	#VBW	100 Hz	Sweep	Stop 2.3900 GHz 5.23 s (1001 pts)	CF Step 67.120000 MHz
3 4 6		2 390 0 GHz 2 264 5 GHz	7 Fu -56.91 dBm -70.62 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Man Freq Offset 0 Hz
2	4			STATUS		

Antenna B

An	tenna	Α

Center F	req 2.05440		Trig: Free Run #Atten: 0 dB	Avs	Type: Log-Pwr	D7:57:51 PM TRACE TYPE DE	FILE ALL CO	Frequency
10 dB/div	Ref Offset 11. Ref -10.00	17 dB dBm			MI	r2 2.264 -70,3	5 GHz 1 dBm	Auto Tune
200 337 400								Center Free 2.054400000 GH
90.6 90.9 70.9						2 ²		Start Fre 1.718800000 GH
30.8 30.9 105								Stop Fre 2.39000000 GH
tart 1.71 Res BW	1.0 MHz	#VB	W 100 Hz		Sweep	Stop 2.3 5.23 s (1	001 pts)	CF Ste 67.120000 MH
IN 1	f	× 2,390 0 GHz 2,264 5 GHz	7 -57.98 dBm -70.31 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION	WALUE	Auto Ma
345678910								Freq Offse 0 H
12					STATU			

Antenna C

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Conducted Bandedge Average, 2412 MHz, HT-20 STBC, M0 to M7







enter F	req 2.0544000		Trig: Free Run #Atten: 0 dB	Ave	Type: Log-Pwr	08:13:37 PM May 13, 2014 TRACE 12:14 TYPE DUILDED DOT P NUTURE	Frequency
0 dB/div	Ref Offset 11.17 Ref -10.00 dB	dB m			MI	r2 2.320 2 GHz -71.28 dBm	Auto Tun
20.0 auto 40.0							Center Fre 2.054400000 GH
90.6. 						2000	Start Fre 1.718800000 GH
900						:100.000	Stop Fre 2.39000000 GH
tart 1.71 Res BW		#VB	W 100 Hz		Sweep	Stop 2.3900 GHz 5.23 s (1001 pts)	CF Ste 67.120000 MH
IN NODE TR	11	2.390 0 GHz 2.320 2 GHz	-60.42 dBm -71.28 dBm	PUNCTION	RUNCTION WIDTH	FUNCTION VALUE	Auto Ma
3456		2.520.2.002	-/1.20 0.01				Freq Offse
7 8 9 10 11							
90				_	STATU		

Antenna C



	req 2.0544000		Trig: Free Run #Atten: 0 dB	Avg	Type: Log-Pwr	TRA	PM May 13, 2014 ACE 12 ACE 12	Frequency
dB/div	Ref Offset 11.17 Ref -10.00 dE	dB Sm			MI		5 8 GHz 04 dBm	Auto Tune
0g nó nó						1		Center Freq 2.054400000 GHz
070						\Diamond^2	-5003-000	Start Freq 1.718800000 GHz
100 100								Stop Fred 2.39000000 GH
	188 GHz 1.0 MHz	#VB	N 100 Hz		Sweet		3900 GHz (1001 pts)	CF Step 67,120000 MHz
KR MODE TH	17	× 2.390 0 GHz	-59.24 dBm	UNCTION	FUNCTION WIDTH	FUNCTI	ON VALUE	Auto Man
2 N 1 3 4 5 5 6 7		2.265 8 GHz	-71.04 dBm					Freq Offset 0 Hz
8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9								
a					STATU	8)		

Antenna D

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Conducted Bandedge Average, 2462 MHz, CCK, 1 to 11 Mbps

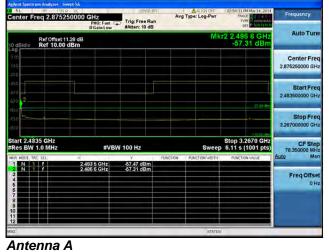




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Conducted Bandedge Average, 2462 MHz, CCK, 1 to 11 Mbps

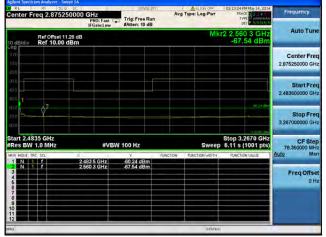


gilent Spectrum Analyzer - Swept SA					
enter Freq 2.875250000		Trig: Free Run	Avg Type: Log-Pwr	D2:59:51 PMMay 14, 2014 TRACE TO FEEL TYPE	Frequency
Ref Offset 11.28 dB	IFGain:Low	satten: 10 ab	Mk	-58.46 dBm	Auto Tune
					Center Free 2.875250000 GH
ຍາດ ແມ່ນ ເມິດ 2					Start Free 2.483500000 GH
υο 150					Stop Free 3.267000000 GH:
tart 2.4835 GHz Res BW 1.0 MHz	#VBW	100 Hz	Sweep	Stop 3.2670 GHz 6.11 s (1001 pts)	CF Ster 78,350000 MH
IN HODE THE SOL 00	483 5 GHz 486 6 GHz	7 P. -59.29 dBm -58.46 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
3 4 5 6 7 8	480 0 GH2	-20,45 GBM			Freq Offse 0 H
9 10 11 12					

Antenna B

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Conducted Bandedge Average, 2462 MHz, CCK, 1 to 11 Mbps



RL		250000 GH	_	SENER		ADON OFF		DMMay 14, 2014	Frequency
enter F	req 2.875	PN	0: Fast	Trig: Free Ri #Atten: 10 dl	un	and the rolling	1	NPE STUDIES	
dB/div	Ref Offset Ref 10.0	11.28 dB 0 dBm				М		6 6 GHz 50 dBm	Auto Tune
									Center Free 2.875250000 GH
10 10 10 10									Start Free 2,483500000 GH
10 10									Stop Free 3.267000000 GH
Res BW	35 GHz 1.0 MHz		#VBW	100 Hz		Swee	p 6.11 s	2670 GHz (1001 pts)	CF Ste 78.350000 MH Auto Ma
N 1	1070	2,483 5 2,486 6	GHz GHz	-62 20 dBm -61 50 dBm	FUNCTION	FUNCTION WIDTH	FUNCT	ION VALUE	FreqOffse
									OH

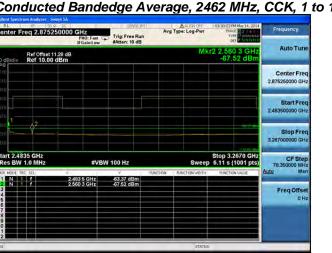
cisco

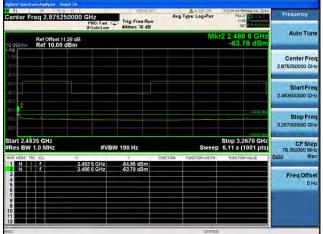
Antenna B

	1000	250000 G	PNO: Fast G	Trig: Free F	Run	g Type: Log-Pwr	TYPE		Frequency
0 dB/div	Ref Offset Ref 10.00	11.28 dB 0 dBm				MI	r2 3.200 -68.1) 4 GHz 85 dBm	Auto Tune
0 ap (a.c) 73.0									Center Free 2.875250000 GH
ma 419 91.0 1									Start Fre 2.483500000 GH
80.0 70 i) 80.0								\$ ²	Stop Fre 3.267000000 GH
tart 2.48 Res BW	1.0 MHz		#VB\	V 100 Hz			6.11s(CF Ste 78:350000 MH
1 N 1 2 N 1	11	2.483 3,200	3 5 GHz 0 4 GHz	-57.56 dBm -68.85 dBm	FUNCTION 1	FUNCTION WIDTH	FUNCTIO	NVALUE	-
3 4 5 6 7 8 9 0 1									Freq Offse 0 H

Antenna C

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Antenna A

f Offset 11.28 dB f 10.00 dBm				Mk	r2 3,199 6 G -68.89 di	
						Start Fr 2.483500000 G
					Q ²⁰⁰	Stop Fr 3.267000000 G
SHz MHz	#VB	W 100 Hz		Sweep	Stop 3.2670 C	GHz pts) 78.350000 M
2	483 5 GHz	-60.04 dBm	PUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto M
	133 0 0012	-00.05 UDIII				Freq Offe
	MHz 2	MHz #VB	MHz #VBW 100 Hz	MHz #VBW 100 Hz	X Y Inscription Rector Rector	MHz #VBW 100 Hz Sweep 6.11 s (1001 X Y PARTIEN Rection worth 2.493 5 GHz 400.4 dBm) Rection worth Rection worth

Antenna C



nter Freq 2.8752	50000 GHz PN0: Fast IFGain:Low	A 11 A 11 A 12 A	Avg Type: Log-Pwr	D2:44:15 PMMay 14, 2014 TRACE 2 COMMANDER EVICE 2 COMMANDER DET P 14 AUGUST H	Fraquency
Ref Offset 1 B/div Ref 10.00			Mk	r2 2.560 3 GHz -68.68 dBm	Auto Tune
					Center Freq 2.875250000 GHz
0 0					Start Freq 2.483500000 GHz
\$ ²				51.38 ser.	Stop Freq 3.267000000 GHz
art 2.4835 GHz es BW 1.0 MHz		W 100 Hz		Stop 3.2670 GHz 6.11 s (1001 pts)	CF Step 78,350000 MHz Auto Mar
NODE TRC SCL	2,483 5 GHz 2,560 3 GHz	-61.34 dBm -68.68 dBm	PUNCTION WIDTH .	FUNCTION VALUE	Freq Offset 0 Hz

Antenna D

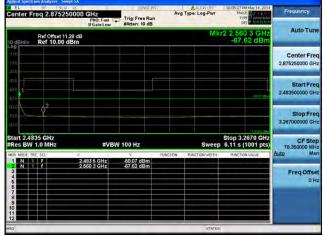
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Conducted Bandedge Average, 2462 MHz, CCK, 1 to 11 Mbps



Conducted Bandedge Average, 2462 MHz, Non HT-20, 6 to 54 Mbps



Antenna A

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Frequency

Auto Tur

Center Fre

Stop Fre

CF Ste

Freq Offse

3.267000000 GH

78.3

2.875250000 GI Start Fre

2.483

Stop 3.2670 GHz Sweep 6.11 s (1001 pts)

Conducted Bandedge Average, 2462 MHz, Non HT-20, 6 to 54 Mbps





Antenna B

t 2.4835 GHz s BW 1.0 MH

Trig 2.875250000 GHz PN0; Fast Atten: 10 dB

2.483 5 GHz 2.560 3 GHz

#VBW 100 Hz

-53.87 dBn -67.90 dBn

Ref Offset 11.28 dB Ref 10.00 dBm

Avg Type: Log-P

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Conducted Bandedge Average, 2462 MHz, Non HT-20, 6 to 54 Mbps



	RF.		1000	SENSENT	Avg Type: Log-Pwr	10:43:51 PMMay 14, 2014 TRACE DISCOUNTS	Frequency
enter F	req 2.87	5250000 G	PNO: Fast C FGain:Low	Atten: 10 dB	Avg Type: Log-Pwr	DET P UNUNU	
dB/div	Ref Offse Ref 10.	t 11.28 dB 00 dBm			М	kr2 2.560 3 GHz -67.90 dBm	Auto Tune
							Center Freq 2.875250000 GHz
						-3157 00-	Start Freq 2,483500000 GHz
	\$ ²					1000-0-	Stop Freq 3.267000000 GHz
	35 GHz 1.0 MHz		#VB	W 100 Hz	Swee	Stop 3.2670 GHz p 6.11 s (1001 pts)	CF Step 78.350000 MHz
	RC SOL		35 GHz 03 GHz	-53.87 dBm -67.90 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Man
34567890							Freq Offset Q Hz
					STAT		

Antenna A

RL enter F	req 2.875	250000	SHz PNO: Fast		Ellint Run dB		e: Log-Pwr	TRA	M May 14, 2014	Frequency
0 dB/div	Ref Offset Ref 10.0						Mk		0 3 GHz 97 dBm	Auto Tun
0 g (1.12) 21 0										Center Fre 2.875250000 GH
n.6 11.0 11.0									Sizes	Start Fre 2.483500000 GH
114 11.6 11.4	\$ ²								-tour -	Stop Fre 3.267000000 G
	1.0 MHz		#VB	W 100 Hz				6.11 s (2670 GHz 1001 pts)	CF Ste 78:350000 Mi
1 N		2.4	33 5 GHz 50 3 GHz	-54.82 dBr -68.97 dBr	n	VCTION FUI	NCTION WIDTH	FUNCTIO	IN VALUE	Auto M
3456		2.04	SU 3 GHZ	-06,97 081						Freq Offse
7 8 9 10										
12						-	STATUS	1		-

Antenna C

Antenna B

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eq 2.875250000 GHz PNO: Fast Atten: 10 dB Avg Type: Log-Frequency Auto Tun .560 3 C Ref Offset 11.28 dB Ref 10.00 dBm Center Free 2.875250000 G Start Fre 2.4835 Stop Fre 3.267000000 GH t 2.4835 GHz 5 BW 1.0 MH Stop 3.2670 GH: Sweep 6.11 s (1001 pts CF Str 78.350000 M #VBW 100 Hz 2.483 5 GHz 2.560 3 GHz -56.69 dBm -67.84 dBm Freq Offse



Antenna A

enter Fr	req 2.8752	 HZ PNO: Fast C FGain:Low	Trig: Free R #Atten: 10 d	un /	wg Type: Log		11:D4:26 PM MA TRACE TYPE DET		Frequency
0 dB/div	Ref Offset 1 Ref 10.00					Mkr	2 2.560 3		Auto Tun
000									Center Fre 2.875250000 GH
								4/10-07-	Start Fre 2.483500000 Gi
	\$ ²							1000	Stop Fr 3.267000000 G
tart 2.48 Res BW		#VB	W 100 Hz		s	weep	Stop 3.267 6.11 s (10	0 GHz	CF Ste 78.350000 M
IN I	C SCL	3 5 GHz 0 3 GHz	-56.89 dBm -68.92 dBm	PUNCTION	FUNCTION	WDTH	FUNCTION V/	LUE	Auto M
3 4 6 6									Freq Offs 01
7 8 9 0									
12		_	_		-	STATUS	_		

Antenna C



enter Fr		250000 GHz PNO	Fast C	Trig: Free Ru #Atten: 10 dE	A	g Type: Log-Pwr	TRACE	- WANKING	Frequency
dB/div	Ref Offset	11.28 dB 0 dBm				MI	(r2 2.560 -68.7	3 GHz 8 dBm	Auto Tune
9 00 10									Center Free 2.875250000 GH
								-012/000	Start Free 2.483500000 GH
o e	\$ ²							_	Stop Free 3.267000000 GH
	1.0 MHz		#VBW	100 Hz			Stop 3.2 5 6.11 s (1	001 pts)	CF Step 78,350000 MH Auto Ma
PI MODE TPI 1 N 1 2 N 1 3 3 3 4 5 5 5 5 5 6 7 5 8 9 9 0 1 1 2 2 1	11	2.483 5 0 2.560 3 0	GHz GHz	56.52 dBm 68.78 dBm	PUNCTION	FUNCTION WIDTH	RUNCTION		Freq Offse 0 H
					_	STATU	B)	-	

Antenna D

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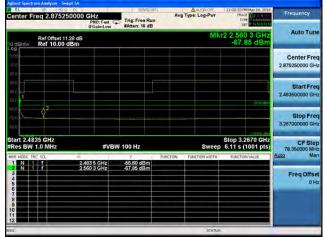
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Conducted Bandedge Average, 2462 MHz, Non HT-20, 6 to 54 Mbps



Conducted Bandedge Average, 2462 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps





Antenna A

Antenna B

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Conducted Bandedge Average, 2462 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps



nter Freg 2.8752500		SENSENT	Avg Type: Log-Pwr	11:50:54 PMMay 14, 2014 TRACE	Frequency
nier Freq 2.8752500	PNO: Fast	Trig: Free Run #Atten: 0 dB	and the second of	DET P UNUNU	
Ref Offset 11.28 B/div Ref -10.00 dB	dB		Mk	r2 2.560 3 GHz -69.44 dBm	Auto Tune
					Center Freq 2.875250000 GHz
				-60.43 ct/m	Start Freq 2.483500000 GHz
0 0 0					Stop Freq 3.267000000 GHz
art 2.4835 GHz es BW 1.0 MHz	#VBW	100 Hz	Sweep		CF Step 78.350000 MHz
N 1 F	× 2.483 5 GHz	-60,49 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
N 1 f	2.560 3 GHz	-69.44 dBm			Freq Offset 0 Hz
			STATUS		

Antenna A

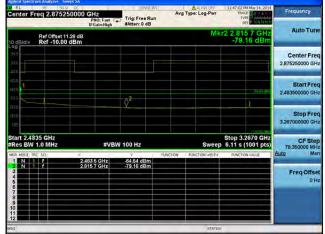
RL		0 Q DC		19/3		ALIGN		4:46 PM May 14, 2014	Frequency
enter F	req 2.87	5250000 GHz PNO IFGai	:Fast 😱	Trig: Free F	tun	Avg Type: Log-	Pwr	TRACE 234	Trequency
) dB/div	Ref Offse Ref -10.	t 11.28 dB 00 dBm						560 3 GHz 71.00 dBm	Auto Tune
									Center Fre 2.875250000 GH
	\$2							ed fördar	Start Fre 2.483500000 GH
100									Stop Fre 3.267000000 GH
tart 2.48 Res BW	35 GHz 1.0 MHz		#VBW	100 Hz		S		p 3.2670 GHz 1 s (1001 pts)	CF Ste 78.350000 MH
AR MODE IN		2.483 5 0 2.560 3 0	SHz	-63.58 dBm -71.00 dBm		N FUNCTION V	NDTH: PL	INCTION VALUE	Auto Ma
3456		2,550 3 (-71,00 081					Freq Offse
7 8 9 9 0 1									
2									

Antenna C

Antenna B

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Conducted Bandedge Average, 2462 MHz, Non HT-20 Beam Forming, 6 to 54 Mbps





Antenna A

Center Fr	eq 2.8752	1 X X X X X X X X	PNO: Fast C	Trig: Free F	Av	g Type: Log-Pwr	11:54:46 PM May 14, 2014 TRACE 2:24 TYPE DUMONTON DET P TRATEGORI	Frequency
0 dB/div	Ref Offset 1 Ref -10.0					MI	(r2 2.560 3 GHz -71.00 dBm	Auto Tun
30.0 30.0 40.0								Center Fre 2.875250000 GH
ao 1 ao 1							\$310 an	Start Fre 2.483500000 GH
10.0 100 100								Stop Fre 3.267000000 GH
tart 2.48 Res BW	1.0 MHz		#VB	N 100 Hz		Swee	Stop 3.2670 GHz 6.11 s (1001 pts)	CF Ste 78.350000 MH
IN I	11		3 5 GHz 0 3 GHz	-63.58 dBm -71.00 dBm		FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
3 4 5 6 7 8								Freq Offse 0 H
10								

Antenna C



		250000 GHz PNO: Fast IFGain:Higi	Trig: Free Run	Avg Type: Log-Pwr	11:58:36 PMMay 14, 2014 TRACE 12 4 TVPE 50 444444 DET 2 10 10 10 10	Frequency
0 dB/div	Ref Offset Ref -10.0	11.28 dB 0 dBm		Mk	r2 2.560 3 GHz -71.52 dBm	Auto Tune
0g m0 800						Center Fred 2.875250000 GH:
900 1 ELO	$\sqrt{2}$				-42.53 (88)	Start Free 2.483500000 GH2
1100						Stop Free 3.267000000 GH
tart 2.48 Res BW		#V	BW 100 Hz	Sweep	Stop 3.2670 GHz 6.11 s (1001 pts)	CF Step 78,350000 MHz
KR HODE TH		∞ 2,483 5 GHz	-63.28 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
2 N 1		2.560 3 GHz	-71.52 dBm			Freq Offse 0 Ha
7 8 9 10						
2						

Antenna D

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Conducted Bandedge Average, 2462 MHz, HT-20, M0 to M7



Antenna A

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Conducted Bandedge Average, 2462 MHz, HT-20, M0 to M7



PRO 2.875250000 GHz PN0; Fast File Run Atten: 10 dB Avg Type: Log-P Frequency Auto Tur Ref Offset 11.28 dB Ref 10.00 dBm Center Fre 2.875250000 GI Start Fre 2.483 Stop Fre 3.267000000 GH 1 2.4835 GHz s BW 1.0 MH Stop 3.2670 GHz Sweep 6.11 s (1001 pts) CF Ste #VBW 100 Hz 78 -53.90 dBn -67.98 dBn 2.483 5 GHz 2.560 3 GHz Freq Offse

Antenna A

Antenna B

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Conducted Bandedge Average, 2462 MHz, HT-20, M8 to M15



Antenna A

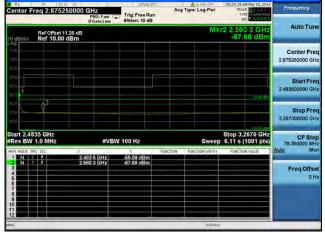


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Antenna B

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Conducted Bandedge Average, 2462 MHz, HT-20, M0 to M7





	eq 2.8752500		Trig: Free Run #Atten: 10 dB		Type: Log-Pwr	05:37:22 AM May 15, 2014 TRACE 1 2 3 4 TVFE 1 4 DET P 7: 0214 110	Frequency
10 dB/div	Auto Tun						
0.0) (0.0) 20.0							Center Free 2.875250000 GH
30.6 40.0 60.6 <mark>1</mark>						2000 C	Start Fre 2.483500000 GH
60.8 70.0	§ ²						Stop Fre 3.267000000 GH
Start 2.48 #Res BW		#VBI	N 100 Hz		Sweep	Stop 3.2670 GHz 6.11 s (1001 pts)	CF Ste 78.350000 MH
1 N 1	f	2.483 5 GHz 2.560 3 GHz	-56.31 dBm -68.87 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
345678910							Freq Offse
11							

Antenna C

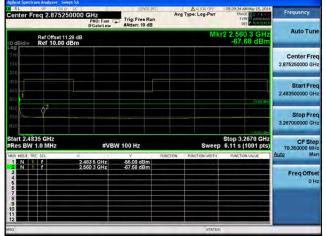
Frequency	TRACE 12 6 TRACE 12 6 TYPE DET PLUMUNU	og-Pwr	Avg T	un	Trig: Free R	NO: Fast	50000 G		ter Fr
Auto Tune	Reforment 11 20 dBm -67.86 dBm -67.86 dBm								
Center Free 2.875250000 GH									
Start Free 2,483500000 GH	-40.00								
Stop Free 3.267000000 GH								\$ ²	
CF Step 78,350000 MH	p 3.2670 GHz 1 s (1001 pts)				100 Hz	#VBW		5 GHz 0 MHz	2.48 BW
Auto Mar Freq Offse 0 H	UNCTION VALUE	ON WIDTH	CTION		-55.82 dBm -67.86 dBm	5 GHz 3 GHz	× 2.483 2.560	1	N 1 N 1
		STATUS		-	_				

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Antenna B

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Conducted Bandedge Average, 2462 MHz, HT-20, M8 to M15



enter Fi		250000 GHz PNO: Fas IFGain:Lu	Trig: Free Run	Avg Type: Log-Pwr	05:33:27 AM May 15, 2014 TRACE 1 2 4 EVTE 0 10 10 10 10 10 10 10 10 10 10 10 10 1	Frequency
0 dB/div	Ref Offset 1 Ref 10.00			MI	kr2 2.560 3 GHz -67.86 dBm	Auto Tune
09 100 110 110						Center Free 2.875250000 GH:
0.0 0.0 0.0					-550 800	Start Free 2.483500000 GH
0.0 0.0	\$ ²				100.0	Stop Free 3.267000000 GH
tart 2.48 Res BW	35 GHz 1.0 MHz	#	VBW 100 Hz	Swee	Stop 3.2670 GHz	CF Step 78,350000 MH
AR MODE TR	111	2.483 5 GHz 2.560 3 GHz	-55.82 dBm -67.86 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar Freq Offse
						OH
11 12		_		STATU	5)	

Antenna B

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Α	ntenna	Α
А	петта	А

Center F	req 2.875	250000 GH	72 NO: Fast Cal	Trig: Free Run #Atten: 10 dB	Avg Type: Log-Pwr	05:37:22 AM May 15, 2014 TRACE 1 2 4 F TYPE D 00000000000000000000000000000000000	Frequency
10 dB/div	Ref Offset Ref 10.0				Auto Tune		
09 000 (0.0)							Center Free 2.875250000 GH
30.8 40.0 50.0						4.94	Start Free 2.483500000 GH
eu ar 70.0 81.9	\$ ²						Stop Fre 3.267000000 GH
Start 2.48 #Res BW	1.0 MHz		#VBW	100 Hz	Sweet	Stop 3.2670 GHz 6.11 s (1001 pts)	CF Ster 78.350000 MH Auto Ma
1 2 3 4 6 6 7 8 9 10 11	111	2,493 (2,550)	5 GHz 3 GHz	-56.31 dBm -68.87 dBm			Freq Offse o H
7 8 9 10					statu		

Antenna C

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Conducted Bandedge Average, 2462 MHz, HT-20, M16 to M23



enter Fi		250000 GH	Z NO: Fast C	Trig: Free F	Run	Avg Ty	pe: Log-Pwr	TRA	AM May 15, 2014 CE 1 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Frequency
0 dB/div	Ref Offset Ref 10.00						Mk	r2 2.56 -67.	0 3 GHz 86 dBm	Auto Tune
09 100 110 110										Center Fred 2.875250000 GH:
0.0 0.0 0.0 1									-55.62 mm	Start Free 2.483500000 GH
0.0 0.0 0.0	\$ ²								- Income	Stop Free 3.267000000 GH
tart 2.48 Res BW	35 GHz 1.0 MHz		#VBW	100 Hz			Sweep	Stop 3. 6.11 s	2670 GHz (1001 pts)	CF Step 78,350000 MH
2 N 1 3 4 5 6 7	r sc	2,483 2,560		-55.82 dBn -67.86 dBn	n	ICTION I	FUNCTION WIDTH	FUNCTI	ON VALUE	Auto Mar Freq Offse 0 Ha
8 9 0 1 2							STAILS			

Antenna A

AL 50 00 00 enter Freq 2.87525000		Trig: Free Run #Atten: 10 dB	Avg Type: Log-Pwr	05:37:22 AM May 15, 2014 TRACE 1 2 4 F TYPE 2 4 F DOT P N 101011	Frequency
dB/div Ref 0ffset 11.28 dE	3		Mk	r2 2.560 3 GHz -68.87 dBm	Auto Tune
99 00 10					Center Free 2.875250000 GH
					Start Fre 2.483500000 GH
10 10					Stop Fre 3.267000000 GH
art 2.4835 GHz Res BW 1.0 MHz	#VB	N 100 Hz	Sweep	Stop 3.2670 GHz 6.11 s (1001 pts)	CF Ste 78.350000 MH
	2.483 5 GHz 2.560 3 GHz	-56,31 dBm -68,87 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
	,000 3 GHE	400,01 dBm			Freq Offse 0 H
			STATU		

Antenna C

Antenna B

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Conducted Bandedge Average, 2462 MHz, HT-20, M0 to M7







enter F		50000 GHz PNO: Fast IFGain:Low	Trig: Free Run #Atten: 10 dB		ALIGN OFF	05:37:22 AM May 15, 2014 TRACE 1 2 4 TYPE 2 DOT P N 070111	Frequency
0 dB/div	Ref Offset 11 Ref 10.00				Mk	r2 2.560 3 GHz -68.87 dBm	Auto Tun
0 (0) (0.0) (0.0)							Center Fre 2.875250000 GH
nä 410 410							Start Fre 2.483500000 GH
81.0 10.0	\$ ²						Stop Fre 3.267000000 Gi
tart 2.48 Res BW		#VE	W 100 Hz		Sweep	Stop 3.2670 GHz 6.11 s (1001 pts)	CF Ste 78.350000 M
	C SCL	2.483 5 GHz 2.560 3 GHz	-56,31 dBm -68,87 dBm	PUNCTION	PUNCTION WIDTH	FUNCTION VALUE	Auto M
3 4 5 6							Freq Offs 01
7 8 9 0							
12					STATUS		

Antenna C



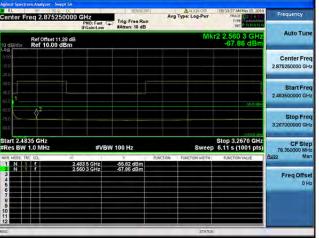
	2.875250000		Trig: Free Run #Atten: 10 dB	Avg	Type: Log-Pwr	TRA	M May 15, 2014	Frequency
dB/div Ref	Auto Tune							
99 100 1.00								Center Fred 2.875250000 GH:
00 00 10							-11 Cu dha	Start Free 2.483500000 GH
								Stop Free 3.267000000 GH
tart 2.4835 G Res BW 1.0 N		#VB	N 100 Hz		Sweep		2670 GHz (1001 pts)	CF Step 78,350000 MH
KR HODE THE SOL		3 5 GHz 50 3 GHz	-56.00 dBm -68.99 dBm	PUNCTION	FUNCTION WIDTH	FUNCTION	ON VALUE	Auto Mar
	2.90	SU 3 GHZ	-06.99 dBm					Freq Offse 0 Hi
7 8 9 10 11 12 12								
a				_	STATUS	ii	-	-

Antenna D

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Conducted Bandedge Average, 2462 MHz, HT-20, M8 to M15







enter F		50000 GHz PNO: Fast IFGalnCLow	Trig: Free Run #Atten: 10 dB	Avg Type: Log-Pwr	05:37:22 AM May 15, 2014 TRACE 1 2 4 F TYPE D MARKAN DOT P N (01011)	Frequency
0 dB/div	Ref Offset 1 Ref 10.00			MI	(r2 2.560 3 GHz -68.87 dBm	Auto Tune
0 a) (0.0) 20.0						Center Fre 2.875250000 GH
200 200 210						Start Fre 2.483500000 GH
eu ar raco eu ar	\$ ²					Stop Fre 3.267000000 GH
	1.0 MHz	#VE	3W 100 Hz	Swee		CF Ste 78.350000 MH
1 N		2,483 5 GHz 2,560 3 GHz	-56.31 dBm -68.87 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
345678		2,000 0 011k				Freq Offse 0 H
9 10 11 12						
so				STATU	5	

Antenna C



		50000 GHz PN0: Fast C IFGain:Low		Avg Type: Log-Pwr	05:41:13 AM May 15, 2014 TRACE TO A CONTRACT OF TRACE	Frequency
dB/div	tef Offset 11 tef 10.00 (.28 dB dBm		М	kr2 2.560 3 GHz -68.99 dBm	Auto Tune
						Center Fred 2.875250000 GH:
10 10 10 1						Start Free 2.483500000 GH
	¢ ²					Stop Free 3.267000000 GH
tart 2.4835 Res BW 1.		#VBI	W 100 Hz	Swee	Stop 3.2670 GHz p 6.11 s (1001 pts)	CF Step 78.350000 MH
A MODE THE	1	∞ 2.483 5 GHz	-56.00 dBm	UNCTION FUNCTION WIDTH	E FUNCTION VALUE	Auto Mar
2 N 1		2.560 3 GHz	-68.99 dBm			Freq Offse 0 Hi
7 8 9 0						
2 2 3			-	STAT	5)	-

Antenna D

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Conducted Bandedge Average, 2462 MHz, HT-20, M16 to M23







enter F		50000 GHz PNO: Fast IFGalnCLow	Trig: Free Run #Atten: 10 dB	Ave	Type: Log-Pwr	05:37:22 AM May 15, 2014 TRACE 1 2 4 F TYPE 2 4 F DOT P N 101011	Frequency
0 dB/div	Ref Offset 1 Ref 10.00	1.28 dB dBm			Mk	r2 2.560 3 GHz -68.87 dBm	Auto Tun
0 an 10.0							Center Fre 2.875250000 GP
nä 410 519 1			[Start Fre 2.483500000 G
11.0 11.0 11.0	\$ ²						Stop Fr 3.267000000 G
tart 2.48 Res BW	1.0 MHz	#VE	3W 100 Hz		Sweep	Stop 3.2670 GHz 6.11 s (1001 pts)	CF Ste 78.350000 M
	RC SEL	2.483 5 GHz 2.560 3 GHz	-56,31 dBm -68.87 dBm	PUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto M
3456							Freq Offs 01
7 8 9 10							
12	1.1			_	STATUS		

Antenna C



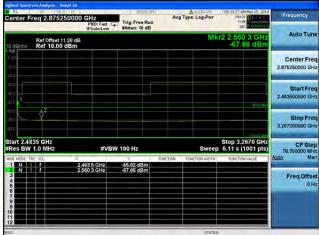
	.875250000 GI			Avg Type	Log-Pwr	TRAC	M May 15, 2014	Frequency
dB/div Ref	offset 11.28 dB 10.00 dBm				Mk) 3 GHz 99 dBm	Auto Tune
99 100 1.00								Center Fred 2.875250000 GHz
00 00 100							Silcoder	Start Free 2.483500000 GH
								Stop Free 3.267000000 GH
tart 2.4835 Gi Res BW 1.0 N		#VBW	100 Hz		Sweep		2670 GHz 1001 pts)	CF Step 78,350000 MH
N 1 F		5 GHz 3 GHz	-56.00 dBm -68.99 dBm	UNCTION FUN	CTION WIDTH	FUNCTION VALUE		Auto Mar
	2.060	3 GHZ	26 39 GBW					Freq Offse 0 Ha
7 8 9 10 11 12								
a				_	STATUS	2	-	

Antenna D

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Conducted Bandedge Average, 2462 MHz, HT-20 Beam Forming, M0 to M7



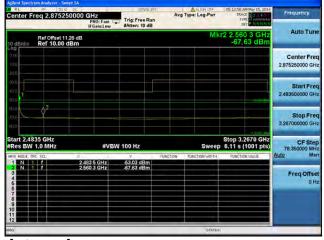


Antenna A

Antenna B

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Conducted Bandedge Average, 2462 MHz, HT-20 Beam Forming, M8 to M15





Antenna A

Antenna B

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Conducted Bandedge Average, 2462 MHz, HT-20 Beam Forming, M0 to M7



RL RF 30 Q DC	Contraction of the second	SEMEE INT	ALICH OFF	05:04:31 AM May 15, 2014	and the second se
enter Freq 2.875250000	PNO: Fast	Trig: Free Run #Atten: 0 dB	Avg Type: Log-Pwr	TRACE	Frequency
Ref Offset 11.28 dB			Mk	r2 2.560 3 GHz -69.53 dBm	Auto Tune
a bi					Center Freq 2.875250000 GHz
				-010 @2	Start Freq 2.483500000 GHz
10				1000.000	Stop Freq 3.267000000 GH2
art 2.4835 GHz tes BW 1.0 MHz	#VBW	100 Hz	Sweep	Stop 3.2670 GHz	CF Step 78.350000 MHz
R HODE TRC SCL 00	483 5 GHz	-60.10 dBm	CTION FUNCTION WIDTH	FUNCTION VALUE	Auto Man
	.560 3 GHz	-69.53 dBm			Freq Offset Q Hz
			STAJUS		

Antenna B

Re og no no no no	f Offset 11.28 dB ef -10.00 dBm				NAU2		
ja e 110					IVIK	r2 2.560 3 -71,11 c	
							Center Free 2.875250000 GH
	2						Start Fre 2.483500000 GH
30.0 30.0 100							Stop Fre 3.267000000 GH
tart 2.4835 (Res BW 1.0	MHz	#VB	N 100 Hz			Stop 3.2670 6.11 s (1001	GHz CF Ste 1 pts) 78:350000 MH
IN T F	2	483 5 GHz 560 3 GHz	-61.36 dBm -71.11 dBm	FUNCTION	PUNCTION WIDTH	FUNCTION VALU	Auto Ma
							at at

Antenna C

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Conducted Bandedge Average, 2462 MHz, HT-20 Beam Forming, M8 to M15



			Mk	(r2 2.560 -69.(0 3 GHz 56 dBm	Auto Tune Center Freq 2.875250000 GHz Start Freq 2.483500000 GHz
						2.875250000 GHz Start Freq 2.483500000 GHz
					-55.20 dbm	2.483500000 GHz
					-	Otras France
						Stop Free 3.267000000 GHz
#VBV	N 100 Hz		Sweep		2670 GHz 1001 pts)	CF Step 78,350000 MHz
2,483 5 GHz 2,560 3 GHz	-56.38 dBm -69.56 dBm	FUNCTION	FUNCTION WIDTH	FUNCTIO	N VALUE	Auto Man
						Freq Offset 0 Hz
	2.483 5 GHz	2.483 5 GHz -56.38 dBm	2.483 5 GHz -56.38 dBm	2,483 5 GHz 663 38 dBm 2,660 3 GHz 69,56 dBm	2.483 5 GHz -56.38 dBm	2483 5 GHz 49.58 dBm 2460 3 GHz 49.56 dBm

Antenna B

		250000 G		Trig: Free Ru	Av	g Type: Log-Pwr	105:52:54 AM May 15, 201 TRACE 12 4 TYPE 201 DET PA 107111	Frequency
10 dB/div	Ref Offset Ref -10.0					MI	r2 2.560 3 GHz -71.29 dBm	
20.0 30.0 40.0								Center Fre 2,875250000 GH
60.0 1- 60.0 70.0	¢2						3.0 46	Start Fre 2.483500000 GH
0 10 0 10 0 10							100.00	Stop Fre 3.267000000 GH
Start 2.48 #Res BW	1.0 MHz		#VB	W 100 Hz		Sweep	Stop 3.2670 GHz	78.350000 MH
MKR MODE 19	11	2,48 2,56	3 5 GHz 0 3 GHz	-58 25 dBm -71 29 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
4 5 6 7 8 9 10 11 12								OF

Antenna C

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Conducted Bandedge Average, 2462 MHz, HT-20 Beam Forming, M16 to M23



RL	AF SO Q		SEMEE IV	ALICN OFF	05:33:27 AM May 15, 2014	Frequency
enter F	req 2.875250	PNO: Fast C IFGain:Low	Trig: Free Run	Avg Type: Log-Pwr	TRACE TO A BOOM	Frequency
dB/div	Ref Offset 11.2 Ref 10.00 di	8 dB		Mk	r2 2.560 3 GHz -67.86 dBm	Auto Tune
99 60 10						Center Freq 2.875250000 GHz
10 10 10 1						Start Freq 2.483500000 GHz
	\$ ²				100.00	Stop Free 3.267000000 GH:
	35 GHz 1.0 MHz	#VB	W 100 Hz	Sweep	Stop 3.2670 GHz	CF Step 78,350000 MH
R HODE TH		2.483 5 GHz 2.560 3 GHz	7 FU -55.82 dBm -67.86 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
34557899011		2.000 3 GHZ	-01,50 00111			Freq Offset 0 Hz
2						
				STATUS	.)	

Antenna A

enter Freq 2.8752		Trig: Free Run #Atten: 10 dB	Avg Type: Log-Pwr	05:37:22 AM May 15, 2014 TRACE 12 4 TYPE 2 4 DET P N 10 1411	Frequency
Ref Offset 1 0 dB/div Ref 10.00			Mk	r2 2.560 3 GHz -68.87 dBm	Auto Tune
ing 10.9					Center Fre 2.875250000 GH
na ao ao					Start Fre 2.483500000 GH
					Stop Fre 3.267000000 GH
tart 2.4835 GHz Res BW 1.0 MHz	#VB	W 100 Hz	Sweep		CF Ste 78.350000 MH
4KR MODE TRC SCL	2.483 5 GHz 2.560 3 GHz	-56,31 dBm -68,87 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mi
3 4 6 6 7 8 9 00 11					Freq Offs 0+

Antenna C

Antenna B

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eq 2.875250000 GHz PNO: Fast Free Run Atten: 0 dB Frequency Avg Type: Auto Tun Ref Offset 11.28 dB Ref -10.00 dBm Center Free 2.875250000 G Start Fre 2.483 Stop Fre 3.267000000 GH t 2.4835 GHz s BW 1.0 MH Stop 3.2670 GH Sweep 6.11 s (1001 pts CF Ste 78,350000 MH #VBW 100 Hz -63.29 dBm -79.27 dBm 2.483 5 GHz 2.815 7 GHz Freq Offset



Antenna A

enter F		250000 GHz PNO: IFGain	Fast 😱	Trig: Free Ru #Atten: 0 dB	Ave	Type: Log-Pwr	06:24:01 AM May 15, 2014 TRACE 1 2 4 TYPE 000000000000000000000000000000000000	Frequency
0 dB/div	Ref Offset Ref -10.0					MI	r2 2.560 3 GHz -72.13 dBm	Auto Tun
20,0 30,0 40,0								Center Fre 2.875250000 GH
	ϕ^2							Start Fre 2.483500000 GH
10-02								Stop Fre 3.267000000 GH
tart 2.48 Res BW	35 GHz 1.0 MHz		#VBW	100 Hz		Sweep	Stop 3.2670 GHz 6.11 s (1001 pts)	78.350000 M
IN N	111	2,483 5 G 2,560 3 G	Hz	-64.01 dBm -72.13 dBm	PUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Mi
3		2,000 3 G		-12.13 dBm				Freq Offse
6 7 8 9								

Antenna C



	reg 2.875	260000	Cilla	10000		Type: Log-Pwr		May 15, 2014	Frequency
enterr	req 2.875	250000	PNO: Fast C IFGain:High	Trig: Free Run #Atten: 0 dB		T T Par Log T M	TVP		
0 dB/div	Ref Offset Ref -10.0					Mk	-71.8	3 GHz 1 dBm	Auto Tune
09 200 200									Center Fred 2.875250000 GH:
200 - 1 200 - 1 6.0	¢2							-ci 10 cm	Start Free 2.483500000 GH
≕0 ≋0 102									Stop Fre 3.267000000 GH
tart 2.48 Res BW	835 GHz 1.0 MHz		#VBI	W 100 Hz		Sweep	Stop 3.2 6.11 s (1		CF Step 78.350000 MH
	RC SCL	00	483 5 GHz	-61.98 dBm	FUNCTION	FUNCTION WIDTH .	FUNCTION	VALUE	Auto Mar
KR HODE T	1 1								
IN N N N N N N N N N N N N N N N N N N			560 3 GHz	-71,81 dBm					Freq Offse 0 H
KR HODE T			560 3 GHz	-71.81 dBm					

Antenna D

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Conducted Bandedge Average, 2462 MHz, HT-20 Beam Forming, M0 to M7

eq 2.875250000 GHz PN0: Fast Trig: Free Run Ficulation Atten: 0 dB Avg Type: Lon-Frequency Auto Tun Ref Offset 11.28 dB Ref -10.00 dBm Center Free 2.875250000 G Start Fre 2.483 Stop Fre 3.267000000 GH t 2.4835 GHz s BW 1.0 MH Stop 3.2670 GH: Sweep 6.11 s (1001 pts CF Ste 78,350000 MH #VBW 100 Hz -60.53 dBm -79.20 dBm 2.483 5 GHz 2.816 5 GHz Freq Offsel





Center F		250000 G	HZ NO: Fast C Gain:High	Trig: Free F	tun	Avg Type:	Log-Pwr	D6:08:23 AM TRACE TYPE DET		Frequency
0 dB/div	Ref Offset Ref -10.0						Mk	r2 2.560 -71.1	3 GHz 1 dBm	Auto Tun
20.0 20.0 20.0 40.0										Center Fre 2.875250000 GH
50 0 1	¢ ²								613 8-2 74	Start Fre 2.483500000 GH
90.0 100										Stop Fre 3.267000000 GP
Start 2.48 Res BW	1.0 MHz		#VB	N 100 Hz			Sweep	Stop 3.26 6.11 s (1	001 pts)	CF Ste 78.350000 Mi Auto Mi
1 N	171	2,483	5 GHz 3 GHz	-61.36 dBm -71.11 dBm		ION FUNC	TION WIDTH	FUNCTION	VALUE	Auto Mi
3456789										Freq Offse 0 H
10	المارية المارية المارية المارية									

Antenna C



RL		30 - QC	-	3438	ESWT(ALICN OFF		M May 15, 2014	Frequency
enter F	req 2.875	250000	PNO: Fast C IFGain:High	Trig: Free I		Avg Ty	pe: Log-Pwr	TRAC TV9 E8		
dB/div	Ref Offset Ref -10.0						Mk) 3 GHz 91 dBm	Auto Tune
										Center Fred 2.875250000 GH:
	\$ ²								-0.71.659	Start Free 2.483500000 GH:
10) 10 60										Stop Free 3.267000000 GH
tart 2.48 Res BW	35 GHz 1.0 MHz		#VB	W 100 Hz			Sweep		670 GHz 1001 pts)	CF Step 78,350000 MH
I N		×	83 5 GHz 60 3 GHz	-60.73 dBr -71.91 dBr	m	NCTION	UNCTION WIDTH .	FUNCTIO	N VALUE	Auto Mar
										Freq Offse 0 H
2										

Antenna D

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Conducted Bandedge Average, 2462 MHz, HT-20 Beam Forming, M8 to M15

eq 2.875250000 GHz PNO: Fast Trig: Free Run Atten: 0 dB Avg Type: Log-Frequency Auto Tun Ref Offset 11.28 dB Ref -10.00 dBm .815 7 79.11 Center Free 2.875250000 G Start Fre 2.483 Stop Fre 3.267000000 GH t 2.4835 GHz s BW 1.0 MH Stop 3.2670 GH: Sweep 6.11 s (1001 pts CF Ste 78,350000 MH #VBW 100 Hz -56.22 dBm -79.11 dBm 2.483 5 GHz 2.815 7 GHz Freq Offset





	req 2.8752	250000 GHz): Fast C.	Trig: Free Ru #Atten: 0 dB	Av	Type: Log-Pwr	TYPE	May 15, 2014	Frequency
0 dB/div	Ref Offset 1 Ref -10.0	11.28 dB 0 dBm				M	kr2 2.560 -71.2	3 GHz 9 dBm	Auto Tune
20.0 30.0 40.0									Center Fre 2.875250000 GH
1								(\$2.15 m)	Start Fre 2.483500000 GH
10-02									Stop Fre 3.267000000 Gi-
tart 2.48 Res BW	35 GHz 1.0 MHz		#VBW	/ 100 Hz		Swee	Stop 3.26 p 6.11 s (1		CF Ste 78.350000 MH
1 N 2 N	RC SEL	× 2,483 5 2,560 3		-58 25 dBm -71 29 dBm	PUNCTION	FUNCTION WIDTH	FUNCTION	VALUE	Auto Ma
345678									Freq Offse 0 H
9 10 11 12									
50		_		_	_	STAT	5	_	-

Antenna C



RL	50 Q DC	alla	100 230	Avg Type: Log-Pwr	05:56:46 AM May 15, 2014 TRACE	Frequency
enter Freq	2.875250000	PNO: Fast G	Trig: Free Run #Atten: 0 dB	Avg type: Log-Pwr	LYPE MULTING	
dB/div. Re	Offset 11.28 dB f -10.00 dBm			Mk	r2 2.560 3 GHz -71.72 dBm	Auto Tune
09 100 100						Center Fred 2.875250000 GH:
	2				57 62 0000	Start Free 2.483500000 GH
10 10 107						Stop Free 3.267000000 GH
tart 2.4835 0 Res BW 1.0 1		#VBW	100 Hz	Sweep	Stop 3.2670 GHz 6.11 s (1001 pts)	CF Step 78,350000 MH
KR HODE THE SOL	2.4	83 5 GHz 60 3 GHz	-57.62 dBm -71.72 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
3 4 5 5 6 7 8		60 3 GHZ	-71,72 upm			Freq Offse 0 H

Antenna D

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Conducted Bandedge Average, 2462 MHz, HT-20 Beam Forming, M16 to M23

Conducted Bandedge Average, 2462 MHz, HT-20 STBC, M0 to M7



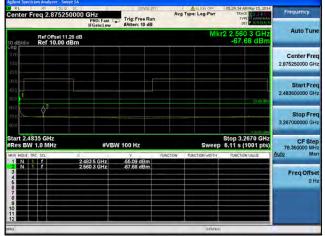
Freq 2.875250000 GHz PN0; Fast Fig: Free Run Atten: 10 dB Avg Type: Log-P Frequency Auto Tur Ref Offset 11.28 dB Ref 10.00 dBm Center Fre 2.875250000 GI Start Fre 2.483 Stop Fre 3.267000000 GH t 2.4835 GHz s BW 1.0 MH Stop 3.2670 GHz Sweep 6.11 s (1001 pts) CF Ste #VBW 100 Hz 78 -53.90 dBn -67.98 dBn 2.483 5 GHz 2.560 3 GHz Freq Offse

Antenna A

Antenna B

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Conducted Bandedge Average, 2462 MHz, HT-20 STBC, M0 to M7



	req 2.87525		Trig: Free Run	Avg Type: Log-Pwr	05:33:27 AM May 15, 2014 TRACE 1 2 4 4 10 LYPE DET PLANALINA	Frequency
dB/div	Ref Offset 11. Ref 10.00 d	28 dB		Mk	r2 2.560 3 GHz -67.86 dBm	Auto Tune
						Center Freq 2.875250000 GHz
10 10 10 1					-15 10 401	Start Freq 2.483500000 GHz
10 10 10	\$ ²				1000	Stop Freq 3.267000000 GHz
	35 GHz 1.0 MHz	#VBV	V 100 Hz	Sweep	Stop 3.2670 GHz	CF Step 78.350000 MHz
R HODE TR		2.483 5 GHz 2.560 3 GHz	-55.82 dBm -67.86 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
						Freq Offsel 0 Hz
2				STATUS		-

Antenna B

Antenna A

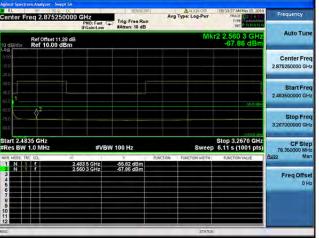
	req 2.87525		Trig: Free Run #Atten: 10 dB	Avs	Type: Log-Pwr	05:37:22 AM May I TRACE 12 TYPE DU DET 9 N	Frequency
0 dB/div	Ref Offset 11: Ref 10.00 d				Mk	r2 2.560 3 0 -68.87 d	
0 (0) (0.3) 20.0							Center Fre 2.875250000 GH
30.6 43 0 93.6 <mark>1</mark> —							Start Fre 2.483500000 GH
60.8 70 Q							Stop Fre 3.267000000 GH
	1.0 MHz	#VB	W 100 Hz			Stop 3.2670 6.11 s (1001	GHz pts) 78.350000 MH
1 N 2 N 3		2.483 5 GHz 2.560 3 GHz	-56.31 dBm -68.87 dBm	FUNCTION	FUNCTION WIDTH	PUNCTION VALUE	FreqOffs
5 6 7 8 9 10 11							01
10					STATUS		

Antenna C

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Conducted Bandedge Average, 2462 MHz, HT-20 STBC, M0 to M7







enter F		50000 GHz PNO: Fast IFGalnCLow	Trig: Free Run #Atten: 10 dB	Ave	Type: Log-Pwr	05:37:22 AM May 15, 2014 TRACE 1 2 4 F TYPE 2 4 F DOT P N 101011	Frequency
0 dB/div	Ref Offset 1 Ref 10.00	1.28 dB dBm			Mk	r2 2.560 3 GHz -68.87 dBm	Auto Tun
0 a) (110) 21.0							Center Fre 2.875250000 GP
nä 410 519 1			[Start Fre 2.483500000 G
11.0 11.0 11.0	\$ ²						Stop Fr 3.267000000 G
tart 2.48 Res BW	1.0 MHz	#VE	3W 100 Hz		Sweep	Stop 3.2670 GHz 6.11 s (1001 pts)	CF Ste 78.350000 M
	RC SEL	2.483 5 GHz 2.560 3 GHz	-56,31 dBm -68,87 dBm	PUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto M
3456							Freq Offs 01
7 8 9 10							
12	1.1			_	STATUS		

Antenna C



RL		Q DC		35/683		Type: Log-Pwr		M May 15, 2014	Frequency
enter Fi	req 2.8752	250000	PNO: Fast C IFGain:Low	Trig: Free Ru #Atten: 10 dB	0	1 (Abe: rod-hm.	TVI		
o dB/div	Ref Offset	1.28 dB dBm				Mk) 3 GHz 99 dBm	Auto Tune
09 100 110 0.0									Center Free 2.875250000 GH
00 00 00 1									Start Free 2.483500000 GH
0.0 0.0 0.0	\$ ²							10000	Stop Free 3.267000000 GH
tart 2.48 Res BW	35 GHz 1.0 MHz		#VB	N 100 Hz		Sweep	Stop 3.3 6.11 s (2670 GHz 1001 pts)	CF Step 78,350000 MH
KR MODE TH			83 5 GHz	-56.00 dBm	FUNCTION	FUNCTION WIDTH .	FUNCTION	IN VALUE	Auto Mar
2 N 1 3 4 5 6		2.5	60 3 GHz	-68.99 dBm					Freq Offse 0 H
7 8 9 0 1									
-			-			STATUS			-

Antenna D

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Conducted Test Setup

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Appendix B: Test Equipment/Software Used to perform the test

Equip #	Manufacturer	Model	Description	Last Cal	Next Due
CIS-50378	Agilent	N9030A	PXA Spectrum Analyzer	2/27/2014	1/17/2015

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