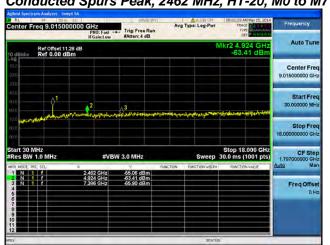
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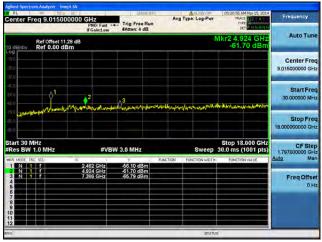
Conducted Spurs Peak, 2462 MHz, HT-20, M0 to M7

Antenna A

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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

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

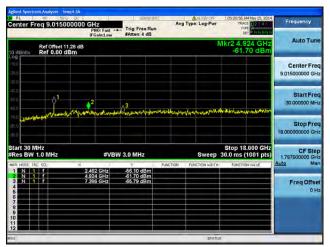


Antenna B

Antenna A

Page No: 302 of 387

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



Antenna B

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

Antenna A

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





Center Freq 9.0150		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	05:40:24 AM May 15, 2014 TRACE 2 4 TYPE 24 OUT P 14 0144 1	Frequency
Ref Offset			N	1kr2 4.924 GHz -65.32 dBm	Auto Tune
00 200 300					Center Free 9.015000000 GH:
400 900 01 600	2 and the stand of	3	brane sy assister years and al	tellereter territogi gi glerater raint	Start Free 30,000000 MH:
71.0 (0.0 (1.0					Stop Free 18.000000000 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 Auto Mai
1 N 1 F 2 N 1 F 3 N 1 F 4 6 6 7 8 9 9	2.462 GHz 4.924 GHz 7.386 GHz	-55.66 dBm -55.32 dBm -86.40 dBm	ETION FUNCTION WORF:	FUNCTION VALUE	Freq Offse
11					

Antenna C

nter Freq 9.01500	0000 GHz PNO: Fast ++ IFGain:Low	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	05:36:32 AM May 15, 2014 TRACE 12 4 TVPE WARDON	Frequency
Ref Offset 112	28 dB M		Ν	/kr2 4.924 GHz -63.03 dBm	Auto Tune
0 0					Center Freq 9.015000000 GHz
	2 Marthankaphyronauth	2 ³	an ghade gant a the state of a state of the	rikainmanprostatista	Start Free 30,000000 MH;
0 0					Stop Free 18.00000000 GH:
art 30 MHz les BW 1.0 MHz	#VBV	V 3.0 MHz	Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	CF Step 1.797000000 GH:
R MODE TRE SOL	×		INCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
N 1 F N 1 F N 1 F	2 462 GHz 4 924 GHz 7 386 GHz	-56 76 dBm -63.03 dBm -64.71 dBm			Freq Offse

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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 Freq Of 01

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



	9.015000000	GHZ PNO: Fast	Trig: Free Run #Atten: 4 dB	Avg Type: Lo				Frequency
0 dB/div R	ef Offset 11.28 dB ef 0.00 dBm				M	kr2 4.92 -65.3	4 GHz 2 dBm	Auto Tune
000 100 200 300								Center Fred 9.015000000 GH:
40.6 50.0 60.0	1 Januar Mar	2 marine	J ³	hand and the state of the state	mater	whether the	Marder view	Start Free 30.000000 MH
700 printerna 900 900								Stop Free 18.00000000 GH:
Start 30 MHz Res BW 1.0		#VBW	3.0 MHz	Sv	veep 3	Stop 18.0 0.0 ms (10		CF Step 1.797000000 GH
MKR MODE TRC S		2,462 GHz	-55,66 dBm	FUNCTION FUNCTION	N WIDTH I	FUNCTION	ALUE	<u>Auto</u> Mar
2 N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		4.924 GHz 7.386 GHz	-65.32 dBm -65.40 dBm					Freq Offse
7 8 9 10								
12					STATUS			

Antenna C

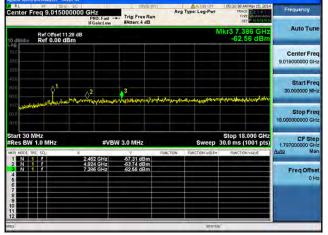
	001	JEN/R:WIT	ALISN OFF	05:36:32 AM May 15, 2014	Frequency
enter Freq 9.015000	PNO: Fast ++ IFGain:Low	- Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	TYPE CONTRACT OF PARTY OF PARTY	
Ref Offset 11.26 Bidly Ref 0.00 dBn	dB 1			Mkr2 4.924 GHz -63.03 dBm	Auto Tune
00 000 00 0					Center Freq 9.015000000 GHz
	2 multimeter apprensis	3	n frank frank frank and the start of the start		Start Free 30,000000 MH
0.0					Stop Fred 18.00000000 GH:
tart 30 MHz Res BW 1.0 MHz	#VBV	V 3.0 MHz	Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	CF Step 1.797000000 GH
KRI MODIE TRIE SCL	×		INCTION FUNCTION WEITH	FUNCTION VALUE	Auto Mar
1 N 1 F 2 N 1 F 3 N 1 F	2.462 GHz 4.924 GHz 7.386 GHz	-56.76 dBm -63.03 dBm -64.71 dBm			FreqOffse
6					0 H:

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Antenna B

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





		#Atten: 4 dB		DET PRESENT	
f Offset 11.28 de f 0.00 dBm	3		N	/kr2 4.924 GHz -65.32 dBm	Auto Tune
					Center Free 9.015000000 GH
1 6	2 Annalist	Q ³	ndrawing and the	nieladorozegidorian	Start Fre 30.000000 MH
					Stop Fre 18.00000000 GH
	#VBV				CF Ste 1.797000000 GH Auto Ma
	2.462 GHz 4.924 GHz 7.386 GHz	-55.66 dBm -85.32 dBm -85.40 dBm		PORC HOR VICULE	Freq Offse 0 H
	¢ ¹	↓ 1 ↓ 1 ↓ 1 ↓ 1 ↓ 1 ↓ 1 ↓ 1 ↓ 1	MHz #VBW 3.0 MHz 4.482 GHz 4.482 GHz 65.66 dBm 1.482 GHz 5.2 GHz 65.66 dBm 1.482 GHz 1.482	MHz #VBW 3.0 MHz Sweep	

Antenna C

anter Freq 9.01	5000000 GHz PNO: Fast IFGaincl.ow		Avg Type: Log-Pwr	05:36:32 AM May 15, 2014 TRACE 12 4 TVPE W	Frequency
dB/dly Ref 0.0	et 11.28 dB 10 dBm		٨	/kr2 4.924 GHz -63.03 dBm	Auto Tune
g 10 10					Center Fred 9.015000000 GH;
	2 will Markey Markey Volen	3	Yoop was been all and a star of the	angaron ang mary asiring	Start Free 30,000000 MH
0 0					Stop Free 18.00000000 GH
art 30 MHz es BW 1.0 MHz	#VE	BW 3.0 MHz	Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	CF Step 1.797000000 GH
N 1 F	× 2.462 GHz 4.924 GHz 7.386 GHz	Y Ra -56.76 dBm -63.03 dBm -64.71 dBm	CTION FUNCTION WID TH	PUNCTION VALUE	Auto Mar Freq Offse
					OH
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Antenna B

Page No: 306 of 387

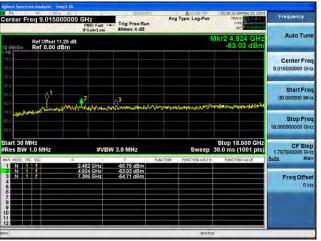
Number August 100 August 100 August 100 FEE June Py Contor Freq 9.015000000 GHz Fig. 1 and 100 Avg Type: Leg Pyr Fig. 1 and 100 Fee June Pyr Ing Free Run Avg Type: Leg Pyr Fig. 1 and 100 Fee June Pyr August 100 August

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



Center Fr	req 9.0150		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	05:40:24 AM May 15, 2014 TRACE 2 14 5 TYPE WARMAN	Frequency
10 dB/div	Ref Offset 11 Ref 0.00 d	.28 dB Bm		1	Mkr2 4.924 GHz -65.32 dBm	Auto Tune
10.0 200 -300						Center Fre 9.015000000 GH
40.0 50.0 60.0	¢1	altranely and and	3	logetring the test of the provided	Helabirogeogram	Start Fre 30.000000 MH
7110 	49					Stop Fre 18.000000000 GH
Start 30 N #Res BW	1.0 MHz	#VB	W 3.0 MHz	Sweep	Stop 18.000 GHz 30.0 ms (1001 pts) FUNCTION VALUE	CF Ste 1.797000000 GH Auto Ma
1 2 3 4 5 6 7 8 9 10	1	2.462 GHz 4.924 GHz 7.386 GHz	-55.66 dBm -55.32 dBm -85.40 dBm	SHELTON POILE TON HOT		Freq Offse
10 11 12				STATE		

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Antenna D

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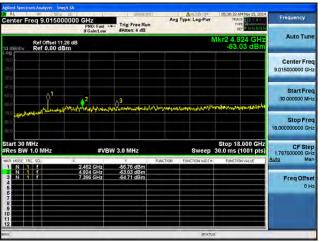


Conducted Spurs Peak, 2462 MHz, HT-20, M8 to M15



Center Freq 9.01500000		Avg Type: Log-Pwr	TRACE 2 4 4	Frequency
Ref Offset 11.28 dE	1	Mkr	2 4.924 GHz -65.32 dBm	Auto Tuni
-300				Center Fre 9.015000000 GH
	2 Conference and and an and	مەر بىرىنى بىرىنى بىرىنى بىرىنى بىرىنى بىر	is how and a start	Start Fre 30,000000 MH
710				Stop Fre 18.000000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VBW 3.0 MHz		op 18.000 GHz 0 ms (1001 pts) FUNCTION VALUE	CF Ste 1.797000000 GH Auto Ma
1 N 1 f 2 N 1 f 3 N 1 f 4 5 6 7	2.462 GHz -55.66 dBm 4.924 GHz -65.32 dBm 7.386 GHz -65.40 dBm		EDITIC FOR TADLE	Freq Offse 0 H
8				

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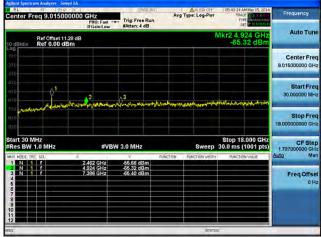
Antenna D

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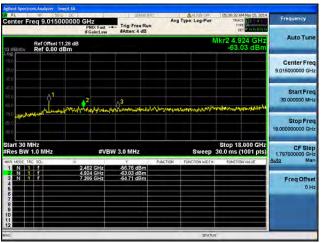


Conducted Spurs Peak, 2462 MHz, HT-20, M16 to M23



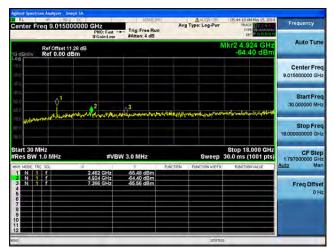


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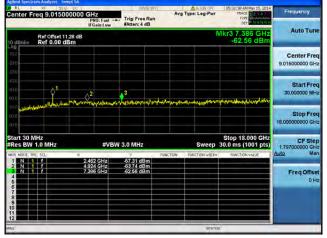


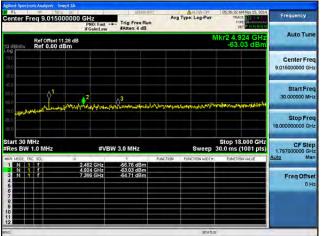


Antenna D

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





Antenna B

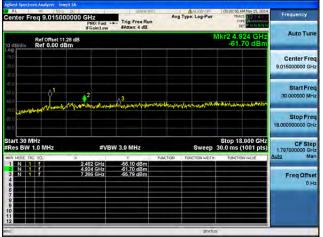
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Antenna A

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

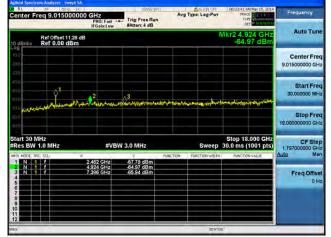




Antenna B

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



	19 DC	ENVIR-NT	ALIEN OF	06:07:33 AM May 15, 2014	Frequency
enter Freq 9.015	000000 GHz PNO: Fast IFGaint ow		Avg Type: Log-Pwr	TRACE 2 4	Frequency
Ref Offset Ref 0.00	11.28 dB dBm		ſ	/lkr2 4,924 GHz -63.30 dBm	Auto Tune
og 100 100 20					Center Fred 9.015000000 GH;
	a for and and and	م الايكستونيسونيار المايس الارتقال (تعرين	، مەنبىرىمى مەربىرىلى ۋەركىيەر ئىمىرىمى		Start Free 30,000000 MH
0.0					Stop Free 18.00000000 GH
tart 30 MHz Res BW 1.0 MHz	#V	BW 3.0 MHz	Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	CF Step 1.797000000 GH
KR MODE TRE SCL 1 N 1 F 2 N 1 F 3 N 1 F 4 6	2 462 GHz 4 924 GHz 7 386 GHz	Y R 57 20 dBm 63 30 dBm 65 73 dBm	INCTION FUNCTION WETH	FUNCTION VALUE	Auto Mar Freq Offse 0 H

Antenna B

Antenna A

	1.1		50.9 DC				ISE INT		ALIGN OFF		7 AM May 15, 2014	Parameter and
enter	r Fre	q 9.01	500000	PNC	D: Fast -	Trig: Free #Atten: 4	e Run dB	Avg	Type: Log-Pwr		DET PRONVIL	Frequency
) dB/di	iv F	Ref Offse Ref 0.00	t 11.28 d D dBm	в							.924 GHz 3.43 dBm	Auto Tune
0.0 0.0 0.0												Center Free 9.015000000 GH:
40 40 40		Q1	+ A0.	• ²	6 mil - 1 A	Q ³	Jauretor	were de	durmainstat	rivelander	and grand grand and a state of the	Start Free 30.000000 MH
0.0	H-UM	under Vice V										Stop Free 18.000000000 GH
												and the second second
tart 3		z 0 MHz			#VBV	V 3.0 MHz			Sweep	Stop 30.0 ms	18.000 GHz s (1001 pts)	CF Ste 1.797000000 GH
tart 3 Res B	E TRC	0 MHz	.5	2.462		Y.		ACTION	Sweep FUNCTION WIDTH	30.0 m	18.000 GHz 5 (1001 pts) 1004 VALUE	CF Step 1.797000000 GH Auto Mar
4 5	E TRC	0 MHz scl. f	-2	2.462 4.924 7.386	GHz GHz	V 3.0 MHz 59.52 dł 53.43 dł -64.40 dł	3m 3m	VETION		30.0 m	s (1001 pts)	CF Step 1.797000000 GH
tart 3 Res B R MODI 1 N 3 N 4	E TRC	0 MHz scl. f	.2	4.924	GHz GHz	-59.52 di -63.43 di	3m 3m	VETION		30.0 m	s (1001 pts)	CF Ste 1.797000000 GH Auto Ma Freq Offse

Antenna C

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





Antenna B

enter Freq 9.01500	0000 GHz PNO: Fast - IFGain:Low	Trig: Free Run	Avg	Type: Log-Pwr	US:SS:S7 AM May 15, 2014 TRACE 12 4 5 TYPE DET P 10 00000	Frequency
Ref Offset 11: dB/div Ref 0.00 dB	28 dB			N	lkr2 4.924 GHz -62.73 dBm	Auto Tune
α φ 0.0 						Center Free 9.015000000 GH:
19 10 1 1	2 M	3		hat a strategy bert	after south at a feat a feat and	Start Free 30.000000 MH
10 Berghanderichterich 10						Stop Fre 18.000000000 GH
tart 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
KR MODE TRC SCL.	× 2.462 GHz	-58.07 dBm	FUNCTION	FUNCTION WIDTH :	PUNCTION VALUE	Auto Ma
	4.924 GHz 7.386 GHz	-62.73 dBm -63.75 dBm				Freq Offse 0 H

Antenna C

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



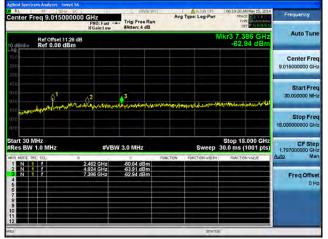
RL # 500 DC		THE SERVICE	ALISN OFF	05:36:32 AM May 15, 2014	Frequency
enter Freq 9.0150000	PNO: Fast + IFGain:Low	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	TRACE 12 24	
Ref Offset 11.28 d dB/div Ref 0.00 dBm	8			Mkr2 4.924 GHz -63.03 dBm	Auto Tune
00 0.05 0.05 0.0 2.6					Center Fred 9.015000000 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 GH -63.55 dBr				
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		

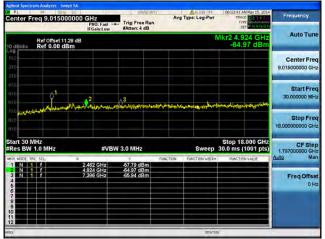
Antenna C





Antenna D

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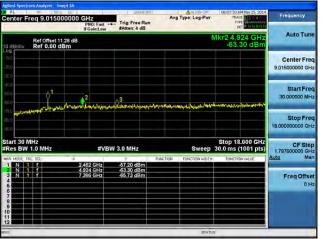


Conducted Spurs Peak, 2462 MHz, HT-20 Beam Forming, M8 to M15



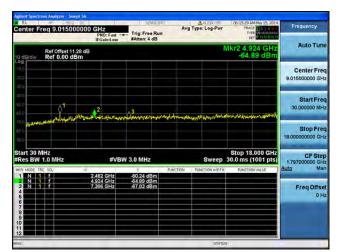
Center Freq 9.0150		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	106:11:37 AM May 15, 2014 TRACE 2 4 E TYPE WARD	Frequency
Ref Offset 11 10 dB/div Ref 0.00 d	.28 dB Bm		٨	1kr2 4.924 GHz -63.43 dBm	Auto Tune
100					Center Free 9.015000000 GH
40.0 20.0 60.0	2 Analysin Amount	3	******	valuter for skilled averaged	Start Free 30.000000 MH
					Stop Fre 18.000000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep	Stop 18.000 GHz 30.0 ms (1001 pts)	CF Stej 1.797000000 GH Auto Ma
1 N 1 7 2 N 1 7 4 5 6 6 7 8 9 1 1 1 1 1 2 2 1 0 1 1 1 2 2 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2.462 GHz 4.924 GHz 7.386 GHz	69.52 dBm -63.43 dBm -64.40 dBm			Freq Offse 0 H

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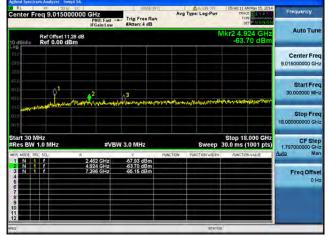


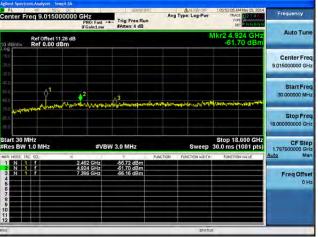


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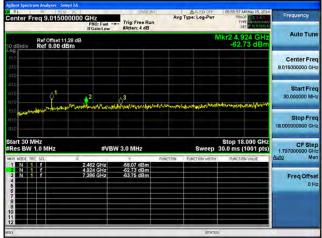
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Conducted Spurs Peak, 2462 MHz, HT-20 Beam Forming, M16 to M23









Antenna C



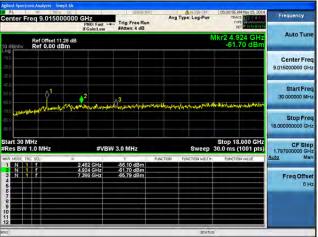


Antenna D

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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 A



Antenna B

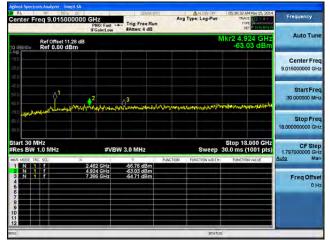
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Conducted Spurs Peak, 2462 MHz, HT-20 STBC, M0 to M7

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





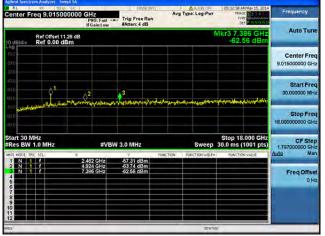
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Antenna B

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Start Start Start 30 3 4 3 4 5 5 5 1 5 5 5 5 5 5 5 5 5 7 1 1 1 1 1 2 4 5 6	
Stop <th< td=""><td></td></th<>	
Res BW 1.0 MHz #VBW 3.0 MHz Sweep 30.0 ms (1001 pts) 1.79700000 All MOD TR: SCL X Y Failet link <td></td>	
1 N 1 f 2.462 GHz -5566 dBm 2 N 1 f 4.924 GHz -65 52 dBm 3 N 1 f 7.986 GHz -65 40 dBm 6 6	Step 0 GH

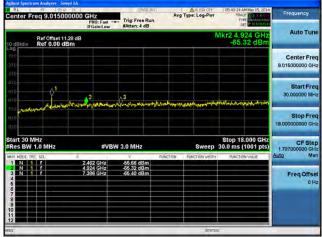
Antenna C

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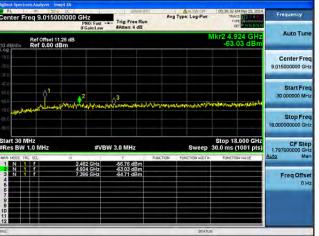


Conducted Spurs Peak, 2462 MHz, HT-20 STBC, M0 to M7



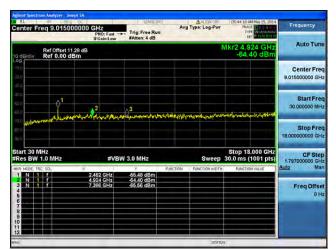


Antenna C



cisco





Antenna D

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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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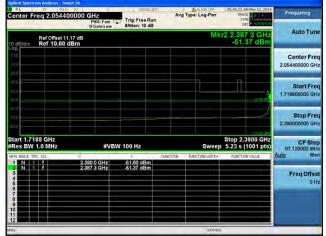
Frequency (MHz)	Mode	Tx Paths	Correlated Antenna Gain (dBi)	Tx 1 Bandedge Level (dBm)	Tx 2 Bandedge Level (dBm)	Tx 3 Bandedge Level (dBm)	Tx 4 Bandedge Level (dBm)	Total Tx Bandedge Level (dBm)	Limit (dBm)	Margin (dB)
	CCK, 1 to 11 Mbps	1	8	-51.4				-43.4	-41.25	2.2
	CCK, 1 to 11 Mbps	2	8	-51.4	-61.7			-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		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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Conducted Bandedge Average, 2412 MHz, CCK, 1 to 11 Mbps

	q 2.0544	00000 GHz	Trig: Free Run	Avg Type: Log-Pwr	05:45:22 AM May 13, 2014 TRACE 12, 24 TYPE 12, 24	Frequency
_		PNO: Fast IFGain:Low	#Atten: 10 dB	Mk	r2 2.387 3 GHz	Auto Tune
	Ref Offset 1 Ref 10.00				-51.37 dBm	
0 00) - 10.0						Center Free 2.054400000 GH
40.0 60.0					2	Start Fre 1.718800000 GH
euo 70.0 euo						Stop Free 2.39000000 GH
Start 1.718 #Res BW 1		#VE	3W 100 Hz	Sweep	Stop 2.3900 GHz 5.23 s (1001 pts)	CF Ster 67.120000 MH
MKR MODE TRC	SCL	× 2.390 0 GHz	-51.60 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
2 N 1 3456	1	2,387 3 GHz	-51.37 dBm			Freq Offse 0 H
7 8 9 10 11 12						
150				STATUS		

req 2.054400000 GHz PN0: Fast PN0: Fast Free Run SAtten: 10 dB Avg Type: Log Frequency Auto Tu Ref Offset 11.17 dB Ref 10.00 dBm Center Fre 2.054400000 GH Start Fre 1.7188 Stop Fre Stop 2.3900 GHz Sweep 5.23 s (1001 pts) 1.7188 GH BW 1.0 M CF St #VBW 100 Hz 67 -61.71 dBm -67.19 dBm 2.390 0 GHz 2.375 2 GHz Freq Offse

Antenna A

Antenna B

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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 -7.51 dBm GERGY -7.51 dBm -7.51 dBm GERGY -7.51 dBm -7.51 dBm GERGY -7.51 dBm -7		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 2.052 GHz 2.0500 GHz 2.052 GHz 2.0500 GHz 2.052 GHz 2.053 GHz 2.052 GHz <th>dB/div</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>Mk</th> <th>r2 2.375 -67.5</th> <th>9 GHz 1 dBm</th> <th>Auto Tune</th>	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:

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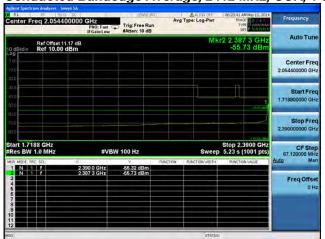
Antenna B

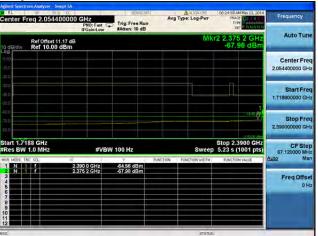
An	tenna	Α

RL Center F		00000 GHz PNO: IFGala	Fast 💭	Trig: Free Run #Atten: 10 dB	Avs	Type: Log-Pwr		M May 13, 2014 25 1 2 4 1 26 2 4 1 27 9 N 10 1 11	Frequency
Ref Offset 11.17 dB 0 dB/div Ref 10.00 dBm						Mkr2 2.		1 GHz 07 dBm	Auto Tune
000									Center Free 2.054400000 GH
80.0 40.0 90.0									Start Fre 1.718800000 GH
60.8 70 0 60.9							²		Stop Fre 2.39000000 GH
Start 1.71 Res BW	1.0 MHz		#VBW	100 Hz		Sweep	5.23 s (CF Ste 67.120000 MH
MKR MODE TR		2.390 0 0 2.304 1 0		-63.77 dBm -67.07 dBm	FUNCTION	PUNCTION WIDTH	PUNCTIO	N VALUE	Auto Ma Freq Offse
4 6 7 8 9 10 11									OH
30						STATU		-	

Antenna C

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Antenna A

Frequency	06:28:50 AM May 15, 2014 TRACE 12 4 TYPE 0 CONTRACT OFT P REFERENCE	Type: Log-Pwr		Trig: Free Run #Atten: 10 dB	GHz PNO: Fast	00000	2.0544	Fre		en
Auto Tu	2 2.304 1 GHz -67.08 dBm	Mki					ef Offset 1 ef 10.00		B/div	0 di
Center Fro 2.054400000 G										000
Start Fr 1.718800000 G										30.6 40.0 50.0
Stop Fre 2.39000000 G	2 3874 and 1									60.0 70.0 60.0
CF Ste 67.120000 MI Auto M	Stop 2.3900 GHz 5.23 s (1001 pts)			100 Hz	#VBW		GHz MHz	W 1.	s B	Re
	FUNCTION VALUE	FUNCTION WIDTH	PUNC	-65.74 dBm -67.08 dBm	90 0 GHz 04 1 GHz	2.3 2.3	1	1RC	N	1 2 3
Freq Offs 01										345678910112
		STATUS							-	50

Antenna C



000 GHz	A	Avg Type: Log-Pwr	06:32:55 AM May 13, 2014 TRACE 12 CONTRACT TYPE STANDARD	Fraquency
		Mk	r2 2.313 5 GHz -68.29 dBm	Auto Tune
				Center Freq 2.054400000 GHz
				Start Freq 1.718900000 GHz
			0 ²	Stop Freq 2.39000000 GHz
#VB	W 100 Hz	Sweep	Stop 2.3900 GHz	CF Step 67.120000 MHz
2.390 0 GHz 2.313 5 GHz	54 29 dBm 58 29 dBm	NCTION FUNCTION WOTH .	FUNCTION VALUE	Auto Man Freq Offset 0 Hz
	000 GHz PRO: Fast C IFGaind ow 7 dB m #VBI 2.3900 GHz	PHO: Feet Car Trigs Free Run If calls, aw Anten: 10 dB # 48 m # VBW 100 Hz 2 3900 0 Hz 4 42 9 dBm	000 GHz Trig: Free Run Avg Type: Log-Per Bit Grant ow #Atten: 10 dB Mit Im Image: Second	ODO GHZ Processor Arry Type: Log-Per The Free Run Commentation The Free Run Commentation Arry Type: Log-Per The Free Run Commentation <ththe commentation<="" free="" run="" th=""> The Free</ththe>

Antenna D

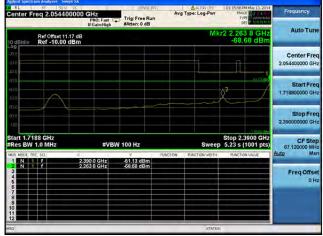
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Conducted Bandedge Average, 2412 MHz, CCK, 1 to 11 Mbps



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

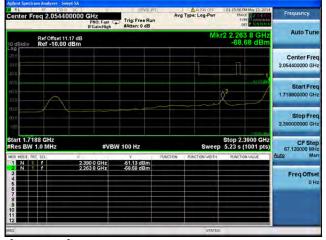


Antenna A

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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

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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

enter Freq 2.0544	00000 GHz PN0: Fast IFGain:High	Trig: Free Run #Atten: 0 dB	Avg Type: Log-Pwr	D1:35:51 PMMay 13, 2014 TRACE 12 5 6 C LYPE DET P INNINI	Frequency
Ref Offset 1 dB/div: Ref -10.00	1,17 dB		Mk	r2 2.263 8 GHz -68.99 dBm	Auto Tune
100 100 101					Center Freq 2.054400000 GHz
				2 5777 ab	Start Freq 1.718800000 GHz
100	\			1000 187	Stop Freq 2.39000000 GHz
tart 1.7188 GHz Res BW 1.0 MHz	#VBW	100 Hz	Sweep	Stop 2.3900 GHz	CF Step 67.120000 MHz
KR MODE TRC SCL	2.390 0 GHz 2.263 8 GHz	Y Fu -57.77 dBm -68.99 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Man
2 N 1 F 3 4 5 5 6	2.203 8 GHZ	-08.99 GBM			Freq Offset 0 Hz
2 1 1 1 1 1 1 1 1			STATUS		-

Antenna B

	eq 2.054400		Trig: Free Run #Atten: 0 dB	Avg Type: Log-Pwr	01:39:46 PM May 13, 2014 TRACE 12:34 TYPE DET P N 12 10 11	Frequency
0 dB/div	Ref Offset 11.17 Ref -10.00 dl	7 dB Bm		MI	r2 2.263 8 GHz -68.66 dBm	Auto Tune
-09 200 307 -000						Center Fred 2.054400000 GH:
50.0 60.9 70.9					2	Start Free 1.718800000 GH
91.0 91.0 100					100.00	Stop Free 2.39000000 GH
Start 1.71 Res BW	1.0 MHz	8		Sweet	Stop 2.3900 GHz 5.23 s (1001 pts)	CF Step 67.120000 MH Auto Mar
1 2 3 4 5 6 7 8 0		2.390 0 GHz 2.263 8 GHz	-58.42 dBm -68.66 dBm			Freq Offse 0 H:
9						

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





req 2.054	1400000	GHz PNO: Fast	Trig: Free Ru	Ave	g Type: Log-Pwr	TRA	M May 13, 2014 CE 1 2 4 PE 2 4 CT P N M TO TH	Frequency
Ref Offse Ref -10.	t 11.17 dB 00 dBm				М		3 8 GHz 66 dBm	Auto Tun
						<u>n</u>		Center Fre 2.054400000 GH
						Q2		Start Fre 1.718800000 Gi
							30000 400	Stop Fr 2.39000000 G
88 GHz 1.0 MHz		#VB	W 100 Hz		Swee	p 5.23 s	3900 GHz (1001 pts)	CF Ste 67.120000 M
RC SCL.		390 0 GHz 263 8 GHz	-58.42 dBm -68.66 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION	IN VALUE	Auto M
								oi 01
	_			_	STATE	15	_	

Antenna C



Log-Pwr TRACE 12 4 4 C Freque	Type: Log-Pwr	A	Trig: Free Run #Atten: 0 dB	GHZ PNO: Fast	100000		Frec	nter
Mkr2 2.263 8 GHz -68.07 dBm	M					ef Offset 1 tef -10.0		B/div
Cen 2.05440								
2 2 1.71880								
Si 2.39000					\			
Stop 2.3900 GHz Sweep 5.23 s (1001 pts) 67.12	Swe		100 Hz	#VBW		GHz MHz		
TION WIDTH . FUNCTION VALUE	FUNCTION WIDT	FUNCTION	-57.00 dBm	390 0 GHz		f	1	
Fre			-68.07 dBm	263 8 GHz	22		1	N
STATUS:	STAT					_	_	-

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



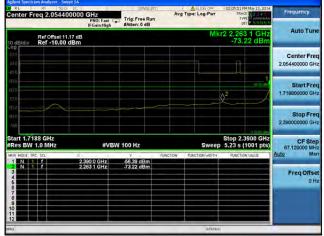


Antenna A

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 12:4 EVPE DET P TANANA	Frequency
Ref Offset 11.17 di dB/div Ref -10.00 dBm	8		M	kr2 2.263 1 GHz -71.51 dBm	Auto Tune
9 0 0					Center Freq 2.054400000 GHz
0				2	Start Freq 1.718800000 GHz
10 0 20				1000	Stop Freq 2.39000000 GHz
art 1.7188 GHz tes BW 1.0 MHz	#VBW	100 Hz	Swee	Stop 2.3900 GHz p 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	UNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
					Freq Offset 0 Hz
1			STAT	s	

Antenna B

	req 2.05440		Trig: Free Run #Atten: 0 dB	Avs	Type: Log-Pwr	TYPE	May 13, 2014	Frequency
Ref offset 11.17 dB Mkr2 2.263 8 GHz								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	TONCION		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	1 1	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 TRJ	PMM May 13, 2014	Frequency
Ref Offset 11.17 dB 0 dB/div Ref -10.00 dBm				Mkr2 2.26 -71	3 8 GHz 69 dBm	Auto Tune
no no no				1		Center Freq 2.054400000 GHz
800 110				¢ ²	1	Start Freq 1.718800000 GHz
10 10 102						Stop Free 2.39000000 GH
tart 1.7188 GHz Res BW 1.0 MHz	#VBV	/ 100 Hz	SV	Stop 2 veep 5.23 s	.3900 GHz (1001 pts)	CF Step 67.120000 MHs
	390 0 GHz	-63.11 dBm	UNCTION FUNCTION W	ADTH FUNCT	ON VALUE	Auto Man
2 N 1 f 23 3 4 5 6	263 8 GHz	-71.69 dBm				Freq Offset 0 Hz
7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8						
						. · · · · · · · · · · · · · · · · · · ·

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



Center Fr	eq 2.0544000		Trig: Free Run	Avg Type: Log-Pwr	07:54:02 PMMay 13, 2014 TRACE 12, 2014	Frequency
	IF Gain-Stigh #Atten: 0 dB DECONTRACTOR MKr2 2.264 5 GHz					
10 dB/div Ref -10.00 dBm -70.62 dBm						
20.0 20.0						Center Free 2.054400000 GH
10.0 50.0 51.0 51.0					2^2	Start Free 1.718800000 GH
11.0 12.0 1627						Stop Fre 2.390000000 GH
atri 1.7188 GHz Stop 2.3900 GHz Res BW 1.0 MHz #VBW 100 Hz Sweep 5.23 s (1001 pts)						07.120000 1111
	1	2.390 0 GHz	-56.91 dBm	UNCTION FUNCTION WIDTH .	FUNCTION VALUE	Auto Ma
2 N 1 3 4 5 6	, 	2.264 5 GHz	-70.62 dBm			Freq Offse 0 H
7 8 9 10						
12						

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

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

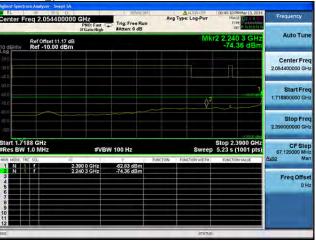
Antenna B

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

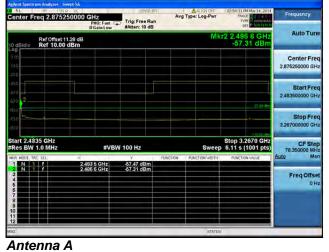




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Conducted Bandedge Average, 2462 MHz, CCK, 1 to 11 Mbps

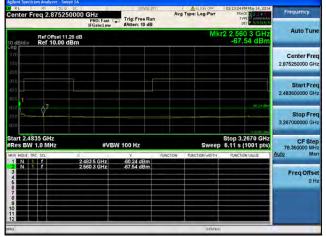


gilent Spectrum Analyzer - Swept SA					
enter Freq 2.875250000		Trig: Free Run	Avg Type: Log-Pwr	D2:59:51 PMMay 14, 2014 TRACE TO FEEL TYPE	Frequency
Ref Offset 11.28 dB	IFGain:Low	satten: 10 ab	Mk	-58.46 dBm	Auto Tune
					Center Free 2.875250000 GH
ຍາດ ແມ່ນ ເມິດ 2					Start Free 2.483500000 GH
υο 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

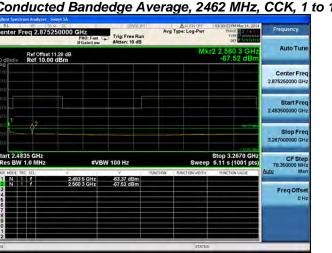
cisco

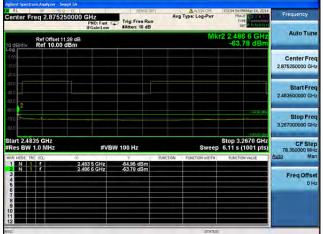
Antenna B

	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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սիսի **CISCO**

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	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

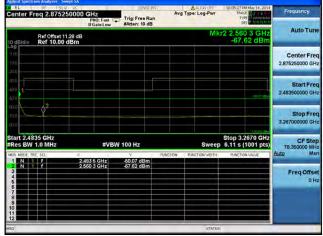
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Conducted Bandedge Average, 2462 MHz, CCK, 1 to 11 Mbps



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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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

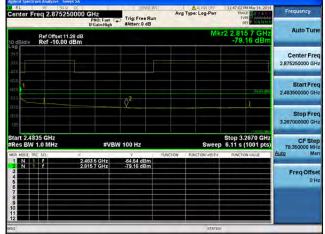
RL		0 Q DC		19/3		ALIGN		4:46 PM May 14, 2014	Frequency
enter F	req 2.87	5250000 GHz PNO IFGai	:Fast 😱	Trig: Free F	tun	Avg Type: Log-	Pwr	TRACE 234	Trequency
) dB/div	Ref Offse Ref -10.	t 11.28 dB 00 dBm						560 3 GHz 71.00 dBm	Auto Tune
									Center Fre 2.875250000 GH
	\$2							ed fördar	Start 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



uluih cisco

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

-		
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

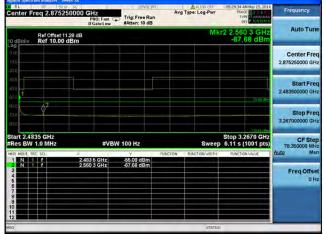
AL 50 00 00 enter Freq 2.87525000		Trig: Free Run #Atten: 10 dB	Avg Type: Log-Pwr	05:37:22 AM May 15, 2014 TRACE 1 2 4 F TYPE 2 4 F DOT P N 101011	Frequency
dB/div Ref 0ffset 11.28 dE	3		Mk	r2 2.560 3 GHz -68.87 dBm	Auto Tune
99 00 10					Center Free 2.875250000 GH
					Start Fre 2.483500000 GH
10 10					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



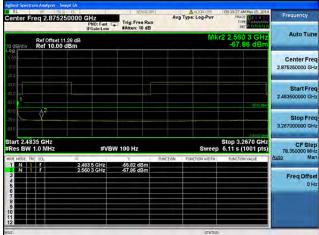
	.875250000 GI			Avg Type	Log-Pwr	TRAC	M May 15, 2014	Frequency
dB/div Ref	offset 11.28 dB 10.00 dBm				Mk) 3 GHz 99 dBm	Auto Tune
99 100 1.00								Center Fred 2.875250000 GHz
00 00 100							Silcoder	Start Free 2.483500000 GH
								Stop Free 3.267000000 GH
tart 2.4835 Gi Res BW 1.0 N		#VBW	100 Hz		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



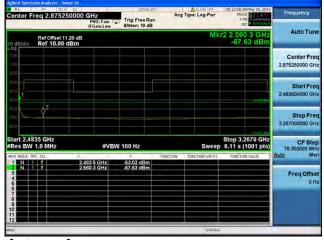


Antenna A

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

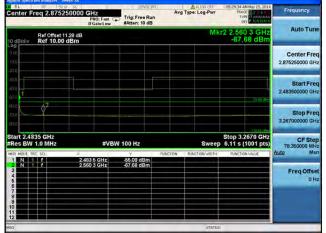
Antenna B

		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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