

Conducted Bandedge Average, 5290 MHz, Non HT/VHT80, 6 to 54 Mbps

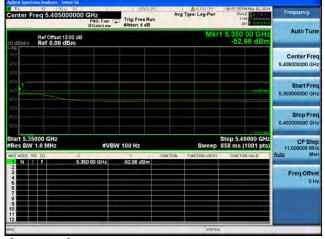
Center Freq 5.4050	00000 GHz PNO: Fast C IFGaincLow	Trig: Free Run	Avg Type: Log-Pwr	06:29:28 PM May 18, 2014 TRACE 1 2 14 F TVPE 0 00000000 DET P 10 10 10 10 10	Frequency
Ref Offset 1 10 dB/div Ref 0.00 d	3.82 dB IBm		Mk	2 5.352 42 GHz -52.30 dBm	Auto Tune
-20.0					Center Free 5.405000000 GH
40.0 1 2 40.6 2 40.6 2				27 نې	Start Free 5.350000000 GH
70.0 80.0 90.0					Stop Fre 5.46000000 GH
Start 5.35000 GHz #Res BW 1.0 MHz	#VB	N 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Ste 11.000000 MH
MKR MODE TRC SOL	× 5,350 00 GHz	-51.76 dBm	INCTION PUNCTION WEITH	FUNCTION WALVE	Auto Ma
2 N 1 7 3 4 6	5.352 42 GHz	-52.30 dBm			Freq Offse 0 H
6 7 8 9 10 11					
190			STATU	5	

Antenna A

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Conducted Bandedge Average, 5290 MHz, Non HT/VHT80, 6 to 54 Mbps



Avg Type: Lo Frequency n 5 4050 0 GHz ast C Trig: Free Run #Atten: 4 dB Auto Tur Ref Offset 13.82 dB Ref 0.00 dBm Center Fre 5.405000000 GI Start Fre 5.35 Stop Fre 000000 G 1 5.35000 GHz s BW 1.0 MHz Stop 5.46000 GHz Sweep 858 ms (1001 pts) CF Ste #VBW 100 Hz 51.87 Freq Offse

Antenna A

Antenna B

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Conducted Bandedge Average, 5290 MHz, Non HT/VHT80, 6 to 54 Mbps



enter Freq 5.4	50 0 0C	SEMEE 3VT	Avg Type: Log-Pwr	07:43:18 PM May 18, 2014	Frequency
enter Preq 5.4	PNO: Fast C	Trig: Free Run #Atten: 4 dB		DET P TONON TO	
	set 13.82 dB 00 dBm		Mkr	2 5.352 42 GHz -55.89 dBm	Auto Tune
09 00 00 00					Center Fred 5,405000000 GH:
12 10 12				75 K2 dBm	Start Fred 5.35000000 GH:
νοπ) Π Ο				100.00	Stop Freq 5.46000000 GHz
tart 5.35000 GH Res BW 1.0 MH		100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MH
KR MODE TRC SCL	5.350 00 GHz 5.352 42 GHz	7 PU -55.82 dBm -55.89 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
	0,302 42 GHZ	-50.69 dBin			Freq Offset 0 Hi
6 7 8 9 0 0					
2			STATU	6) 6)	

Antenna A

	req 5.405000		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	07:46:50 PM May 18, 2014 TRACE 2 4 TYPE 0 0000000000000000000000000000000000	Frequency
0 dB/div	Ref Offset 13.8: Ref 0.00 dBr			Mkr	1 5.350 00 GHz -53.05 dBm	Auto Tune
10.0 20.0 20.0						Center Free 5.405000000 GH
48 (8) 56 (8) 60 (8)					-(82.05 dDn	Start Fre 5.350000000 GH
nuà 60.0 91.0						Stop Fre 5.460000000 GH
Start 5.35 #Res BW		#VB	N 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11.000000 MH
MKR MODE TR		× 5,350 00 GHz	-53.05 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
23466						Freq Offse 0 H
7 8 9 10 11						
50			-	STATU		

Antenna C

Antenna B

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Avg Type: Log-Frequency PNO: Fast Trig: Free Run Auto Tun Ref Offset 13.82 dB Ref 0.00 dBm 350 00 C -57.45 d Center Fre 5,40500000 G Start Fre 5.35 Stop Fre 000000 G CF Ste 11.000000 MM tart 5.35000 GHz Res BW 1.0 MHz Stop 5.46000 GHz Sweep 858 ms (1001 pts) #VBW 100 Hz 57.45 Freq Offse



Antenna A

		5000000	CH2 PNO: Fast	Trig: Free Run	Avg Type	Log-Pwr	08:00.54 PM May 18, 203 TRACE 24 TYPE 24 DET 2 MULLIN	Frequency
0 dB/div	Ref Offse Ref 0.00	t 13.82 dB 0 dBm				Mkr	2 5.352 64 GH: -57.63 dBn	
10.0 200								Center Fre 5,405000000 GH
40,8 50,0 60,0							Rise	Start Fre 5.35000000 GH
nuia								Stop Fre 5.460000000 Gi
tart 5.35 Res BW	000 GHz 1.0 MHz		#VB	W 100 Hz		Sweep	Stop 5.46000 GH 858 ms (1001 pts	11,000000 M
AND NODE TR	1 7 1		0 00 GHz	-56.65 dBm	FUNCTION FUN	CTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma
3456		5,35	2 64 GHz	-57.63 dBm				Freq Offs 0 H
7 8 9 10 11								
10	-					STATU	5	

Antenna C



enter Freq 5.4050		Trig: Free Run	Avg Type: Log-Pwr	08:04:25 PMMay 18, 2014 TRACE 12 4 TVPE DUMANTIN	Frequency
Ref Offset 13 dB/div Ref 0.00 d			Mk	1 5.350 00 GHz -54.31 dBm	Auto Tune
9 10					Center Fred 5.405000000 GH:
				-1431 (2004)	Start Free 5,350000000 GH:
0 0 0					Stop Free 5.460000000 GH
art 5.35000 GHz tes BW 1.0 MHz	#VBW	V 100 Hz		Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MH: Auto Mar
	5,350 00 GHz	Y PU -54,31 dBm	PUNCTION PUNCTION WIDTH	FUNCTION VALUE	Freq Offset 0 Hz

Antenna D

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Conducted Bandedge Average, 5290 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1





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Conducted Bandedge Average, 5290 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1



DOO GHZ PNO: Fast C Trig: Free Run #Atten: 4 dB Avg Type: Log-P Frequency n 5 4050 Auto Tur Ref Offset 13.82 dB Ref 0.00 dBm Center Fre 5.405000000 GI Start Fre 5.36 Stop Fre 000000 G tart 5.35000 GHz Res BW 1.0 MHz Stop 5.46000 GHz Sweep 858 ms (1001 pts) CF Ste #VBW 100 Hz Freq Offse

Antenna A

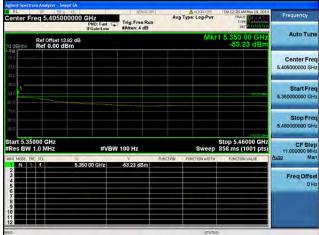
Antenna B

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Conducted Bandedge Average, 5290 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2





Antenna A

Antenna B

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Conducted Bandedge Average, 5290 MHz, HT/VHT80, M0 to M7, M0.1 to M9.1



RL #F 50 Ω DC		SEMEE SVT	ALICN OFF	09:26:36 AM May 19, 2014	Frequency
Center Freq 5.40500000	PNO: Fast	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	TRACE 12 4 5 C	Frequency
Ref Offset 13.82 di 0 dB/div Ref 0.00 dBm	3		Mkr	1 5.350 00 GHz -53.72 dBm	Auto Tune
09 100 200					Center Freq 5,405000000 GHz
				5172 mBrt	Start Fred 5.350000000 GH:
100				1000-000	Stop Freq 5.46000000 GHz
Start 5.35000 GHz Res BW 1.0 MHz		100 Hz		Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MH
N 1 7 5	350 00 GHz	-53.72 dBm	INCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
3 4 5 6					Freq Offsel 0 Hz
7 8 9 10					
12 12 12 12 12 1			STATUS		-

Antenna A

	req 5.40500		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	09:30:10 AM May 19, 2014 TRACE 12 4 TYPE 0 4 DET P 10:010 011	Frequency
0 dB/div	Ref Offset 13. Ref 0.00 dE			Mkr	1 5.350 00 GHz -54.60 dBm	Auto Tune
10.0 						Center Fre 5.405000000 GH
48 19 50 0 50 0					3405.0-	Start Fre 5.350000000 GH
711.42						Stop Fre 5.46000000 GH
start 5.35 Res BW		#VB	W 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Ste 11,000000 MH
MKR MODE TR		× 5,350 00 GHz	-54.60 dBm	FUNCTION FUNCTION WIDTH	FUNCTION WALVE	Auto Ma
23466						Freq Offse
7 8 9 10						
12 				STATU		

Antenna C

Antenna B

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Conducted Bandedge Average, 5290 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2



RL		00-00-00	011-	SEM5E.3VT/	Aug Turne	Log-Pwr	09:25:36 AM May 19, 2014	Frequency
enter F	req 5.405	000000	PNO: Fast	Trig: Free Run #Atten: 4 dB	NAB Libe	Loginar	DET P TONOTON	
0 dB/div	Ref Offset Ref 0.00					Mkr	1 5.350 00 GHz -53.72 dBm	Auto Tune
00 0.0 0.0								Center Freq 5,405000000 GHz
60 1 20							5172 mbr	Start Freq 5.350000000 GHz
0.0 10 10							1000-000	Stop Freq 5.46000000 GHz
	000 GHz 1.0 MHz		#VBW	100 Hz			Stop 5.46000 GHz	CF Step 11,000000 MHz Auto Man
		5.3	50 00 GHz	-53.72 dBm	PUNCTION FUN	CTION WIDTH	FUNCTION VALUE	Freq Offset
6 7 8 9 0 1 2								0 H2
a .						STATUS		

Antenna A

	req 5.405000000	GH2 PNO: Fast	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	09:30:10 AM May 19, 2014 TRACE 2 4 TYPE 5 DET P 10 00 000	Frequency
10 dB/div	Ref Offset 13.82 dB Ref 0.00 dBm			Mk	1 5.350 00 GHz -54.60 dBm	Auto Tune
10.0 						Center Fre 5.405000000 GH
49.6 60.0					Suiter	Start Fre 5.350000000 GH
nià erò erò						Stop Fre 5.46000000 GH
Start 5.35 #Res BW	1.0 MHz	#VBW	/ 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Ste 11.000000 MH
NKR MODE TR		50 00 GHz	-54.60 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
23466						Freq Offse 0 H
7 8 9 10 11						
12			_	STAIL	5	

Antenna C

Antenna B

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Conducted Bandedge Average, 5290 MHz, HT/VHT80, M16 to M23, M0.3 to M9.3



enter Freq 5.40500000	CHZ PNO: Fast CP IFGain:Low	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	09:26:36 AM May 19, 2014 TRACE 12 44 TYPE DET PTUNUNN	Frequency
Ref Offset 13.82 dB			Mkr	1 5.350 00 GHz -53.72 dBm	Auto Tune
99 nû 199					Center Freq 5.405000000 GHz
20 20				5172 mbr	Start Freq 5.35000000 GHz
00) 10					Stop Freq 5,46000000 GHz
tart 5.35000 GHz Res BW 1.0 MHz	#VBW	100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11.000000 MHz
	50 00 GHz	-53.72 dBm	PUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Man
					Freq Offset 0 Hz
			STATU		1

Antenna B

	req 5.40500000		Trig: Free Run	Avg Type: Log-Pwr	09:30:10 AM May 19, 2014 TRACE 1 2 4 TVPE 0 DET P N 1/ 1/ 1/	Frequency
10 dB/div	Ref Offset 13.82 d Ref 0.00 dBm	в		Mkr	1 5.350 00 GHz -54.60 dBm	Auto Tune
10.0 						Center Fre 5,405000000 GH
40.8 50.0 60.0					SHEAR	Start Fre 5.350000000 GH
71.0 ero 41.0					1000	Stop Fre 5.46000000 GH
Start 5.35 #Res BW	1.0 MHz	#VB	W 100 Hz		Stop 5.46000 GHz 858 ms (1001 pts)	CF Ste 11,000000 MH Auto Ma
1 N 1 2 3 4 6 6		5,350 00 GHz	-54.60 dBm			Freq Offse 0 H
7 8 9 10 11						
50				STATUS		

Antenna C

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Conducted Bandedge Average, 5290 MHz, HT/VHT80, MO to M7, M0.1 to M9.1





Antenna A

	req 5.40500000		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	09:58:43 AM May 19, 2014 TRACE 2 4 TYPE 5 AMMAN AND A 19	Frequency
0 dB/div	Ref Offset 13.82 di Ref 0.00 dBm	3		Mki	1 5.350 00 GHz -56.41 dBm	Auto Tun
10.0 20.0						Center Fre 5.405000000 GH
48,8 50,0 50,0					-3A 🐟	Start Fre 5.350000000 GH
nià 200					1/7100-00-0	Stop Fre 5.46000000 GH
	000 GHz 1.0 MHz	#VB	N 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Ste 11,000000 MH
KR MODE TI		350 00 GHz	-56.41 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
23456						Freq Offse
7 8 9 10						
12 12 12 1			_	STATU		

Antenna C



	eq 5.405		PNO: Fast	Trig: Free Ru	Avs	Type: Log-Pwr	TF	7 AM May 19, 2014 GACE 1 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Frequency
dB/div	Ref Offset 13.82 dB dB/div Ref 0.00 dBm				Mkr2			9 98 GHz 2.78 dBm	Auto Tune
09 0.0 0.0									Center Fred 5.405000000 GHz
2.0 2.0 2.0							¢ ²	-68.53.4897	Start Fred 5.350000000 GH2
0.0 1.0 1.0									Stop Free 5.460000000 GH
tart 5.35 Res BW			#VBV	/ 100 Hz		Sweep	Stop 5. 858 ms	46000 GHz (1001 pts)	CF Step 11,000000 MH
KR MODE TR			0 00 GHz	-55.63 dBm	FUNCTION	FUNCTION WIDTH	FUNC	TION VALUE	Auto Mar
2 N 1 3 4 6 5		5.43	9 98 GHz	-52.78 dBm					Freq Offset 0 Hi
7 8 9 0									
2 1						STATUS	_		

Antenna D

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Conducted Bandedge Average, 5290 MHz, HT/VHT80, M8 to M15, M0.2 to M9.2





Antenna A

	req 5.405000000		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	09:58:43 AM May 19, 2014 TRACE 2 4 TVPE 2 4 DET P 10 10 10 10	Frequency
0 dB/div	Ref Offset 13.82 dB Ref 0.00 dBm			Mkr	1 5.350 00 GHz -56.41 dBm	Auto Tune
10.0 21.0 310						Center Fre 5.405000000 GH
48,8 50,0 50,0					-35.41-20-	Start Free 5.350000000 GH
nuù 200					31mm des	Stop Fre 5.46000000 GH
Res BW		#VBW			Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MH Auto Ma
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		50 00 GHz	-56,41 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	
3466						Freq Offse 0 H
7 8 9 10						
12				STATUS		

Antenna C



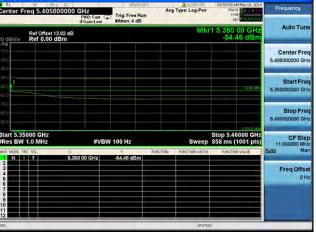
	req 5.4050	000000 GHz PNO: Fast C IEGain:Low	Trig: Free Run	Avş	Type: Log-Pwr	T	7 AM May 19, 2014 GACE 1 CALL STATE	Frequency
0 dB/div	Ref Offset 1 Ref 0.00 c	3.82 dB		M			9 98 GHz 2.78 dBm	Auto Tune
•g n,e n,u ∈ u								Center Free 5.405000000 GH:
2.0 2.0 2.0						¢ ²	-01.53.45%	Start Free 5.350000000 GH
0.0 1.0 1.0								Stop Free 5.460000000 GH
	000 GHz 1.0 MHz	#VB	W 100 Hz		Sweep	Stop 5. 858 ms	46000 GHz (1001 pts)	CF Step 11,000000 MH
		5.350 00 GHz	-55.63 dBm	INCTION	FUNCTION WIDTH	FUNC	TION VALUE	Auto Mar
2 N 1 3 4 6 5		5.439.98 GHz	-62.78 dBm					Freq Offse 0 H
1								
10 11 12					STATUS			

Antenna D

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Conducted Bandedge Average, 5290 MHz, HT/VHT80, M16 to M23, M0.3 to M9.3





Antenna A

	req 5.405000000		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	09:58:43 AM May 19, 2014 TRACE 2 4 TVPE 2 4 DET PROTOTOTO	Frequency
0 dB/div	Ref Offset 13.82 dB Ref 0.00 dBm			Mkr	1 5.350 00 GHz -56.41 dBm	Auto Tune
10.0 21.0 310						Center Fre 5,405000000 GH
40.8 50.0 60.0					-55-41-20-	Start Fre 5.350000000 GH
71.0 67.0 91.0						Stop Fre 5.46000000 GH
Start 5.35 Res BW	1.0 MHz	#VBW	100 Hz	Sweep		CF Ste 11.000000 MH
MKR MODE TR		50 00 GHz	-56.41 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
23456						Freq Offse
7 8 9 10						
12						

Antenna C



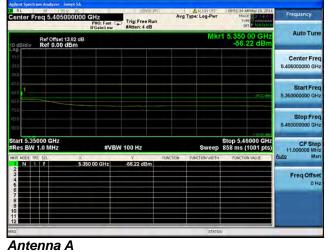
	req 5.4050	000000 GHz PNO: Fast C IEGain:Low	Trig: Free Run	Avş	Type: Log-Pwr	T	7 AM May 19, 2014 GACE 1 CALL STATE	Frequency
0 dB/div	Ref Offset 1 Ref 0.00 c	3.82 dB		M			9 98 GHz 2.78 dBm	Auto Tune
•g n,e n,u ∈ u								Center Free 5.405000000 GH:
2.0 2.0 2.0						¢ ²	-01.53.45%	Start Free 5.350000000 GH
0.0 1.0 1.0								Stop Free 5.460000000 GH
	000 GHz 1.0 MHz	#VB	W 100 Hz		Sweep	Stop 5. 858 ms	46000 GHz (1001 pts)	CF Step 11,000000 MH
		5.350 00 GHz	-55.63 dBm	INCTION	FUNCTION WIDTH	FUNC	TION VALUE	Auto Mar
2 N 1 3 4 6 5		5.439.98 GHz	-62.78 dBm					Freq Offse 0 H
1								
10 11 12					STATUS			

Antenna D

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Conducted Bandedge Average, 5290 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1



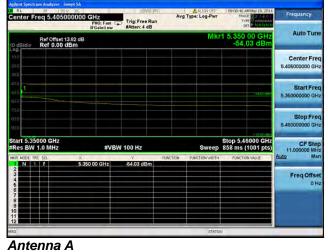
	SEMSE SVT	ALICN OFF	09:55:09 AM May 19, 2014	Frequency
PNO: Fast C	Trig: Free Run #Atten: 4 dB	Neg Type: Log-Fwi	TYPE DET P TONOTON	
8		Mkr	1 5.350 00 GHz -54.46 dBm	Auto Tune
				Center Free 5,405000000 GH
			5440 @W	Start Fre 5.350000000 GH
				Stop Free 5.450000000 GH
			Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MH Auto Mar
	-54.46 dBm	ACTION FUNCTION WIDTH	PUNCTION VALUE	Freq Offse
	DI CHIZ. PRO: Fest IFGainclow B	Trig: Free Run IFGain:Low Trig: Free Run Atten: 4 dB B #VEW 100 Hz Y PD	10 GH2 Trig: Free Run PRO-Fat Trig: Free Run Avg Type: Log-Per 8 Mkre: 4 dB Mkr #WEW 100 Hz Sweep y BACCION Trig: Sweep	10 GH2 PRO-Fat

Antenna B

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Conducted Bandedge Average, 5290 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna B

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Conducted Bandedge Average, 5290 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1



RL 4F 50.0 DC	and the second second	TVR: 33132	ALION OFF	10:37:52 AM May 19, 2014	Frequency
enter Freq 5.405000000	PNO: Fast	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	TRACE	T TO LOCATION
Ref Offset 13.82 dB			Mkr	2 5.352 42 GHz -59.42 dBm	Auto Tune
0.0					Center Freq 5,405000000 GHz
12 20 20				-50 4D repr	Start Freq 5.35000000 GHz
1.0 					Stop Freq 5.46000000 GHz
tart 5.35000 GHz Res BW 1.0 MHz	#VBW	100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MHs
RF MODE TRC SCL SI	50 00 GHz	-58,40 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Man
2 N T 5.8 3 4 4 5 5 6 6 7 9 9 0 1 1 2	52 42 GHz	-59.42 dBm			Freq Offset 0 Hz

Antenna A

	eq 5.4050		Trig: Free Run #Atten: 4 dB	Avs	ALIGN OFF	10:41:26 AM May 19, 2014 TRACE 224 TYPE 0 MANAGEMENT DET P MUNICIPALITY	Frequency
0 dB/div	Ref Offset 13 Ref 0.00 d				Mkr	1 5.350 00 GHz -59.30 dBm	Auto Tune
0.0 0.0 0.0 0.0							Center Free 5.405000000 GH
18 10 1						يەۋى.	Start Free 5.350000000 GH
10 10 19							Stop Fre 5.460000000 GH
	000 GHz 1.0 MHz	#VB	W 100 Hz		Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	11,000000 MH
MODE TR		× 5,350 00 GHz	-59,30 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
							Freq Offse 0 H
1					STATUS	5	-

Antenna C

Antenna B

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Conducted Bandedge Average, 5290 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2



RL NF 50 Ω 00		SEMSE 3VT	ALION OFF	10:09:25 AM May 19, 2014	
enter Freq 5.4050000	PNO: Fast C	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	TRACE 224	Frequency
Ref Offset 13.82 dB/div Ref 0.00 dBm	dB		Mkr	2 5.387 07 GHz -63.60 dBm	Auto Tune
00 00 00 00 00					Center Freq 5,405000000 GHz
	\$ ²			-61.50 abr	Start Freq 5.350000000 GHz
0.0				10000	Stop Fred 5.45000000 GH:
tart 5.35000 GHz Res BW 1.0 MHz	#VBW			Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11.000000 MHz
2 N 1 F	5.350 00 GHz 5.387 07 GHz	-56.80 dBm -63.60 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
3 4 5 6 7 8 9 9 9 0 1 2					Freq Offset 0 Hz
0			STATU		

Antenna A

	reg 5.40500			Avg Type: Log-Pwr	10:12:58 AM May 19, 2014 TRACE TRACE	Frequency
Jentier F	req 5.40500	PNO: Fast C IFGain:Low	Trig: Free Run #Atten: 4 dB		DET P NUMBER	
10 dB/div	Ref Offset 13 Ref 0.00 d			Mk	1 5.350 00 GHz -56.75 dBm	Auto Tune
10.0						Center Freq 5.405000000 GHz
49.8 50.0 60.0						Start Freq 5.35000000 GHz
71.0 -51.0 -51.0						Stop Freq 5.46000000 GHz
Start 5.35 Res BW	000 GHz 1.0 MHz	#VB	W 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MHz
MKR MODE TR		× 5,350 00 GHz	-56.75 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
23466						Freq Offset 0 Hz
7 8 9 10 11						
450				STATU	5	-

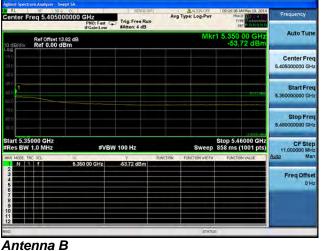
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Conducted Bandedge Average, 5290 MHz, HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3





Antenna A

	eq 5.4050000		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	09:30:10 AM May 19, 2014 TRACE 1 2 4 TYPE 0 0000000000000000000000000000000000	Frequency
10 dB/div	Ref Offset 13.82 c Ref 0.00 dBm	IB		Mkr	1 5.350 00 GHz -54.60 dBm	Auto Tune
10.0 20.0 20.0						Center Free 5.405000000 GH
40.5 50.0 60.0					SHEAR	Start Free 5.35000000 GH
71.4 600 91.9						Stop Fre 5.46000000 GH
Res BW	1.0 MHz	#VBW		Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MH Auto Mar
1 2 3 4 6 6 7 8 0		5,350 00 GHz	-54,60 dBm			Freq Offse 0 H
9 10 11 12						

Antenna C

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Conducted Bandedge Average, 5290 MHz, HT/VHT80 Beam Forming, M0 to M7, M0.1 to M9.1





Antenna A

	req 5.405	000000 GHz	Fast 😱	Trig: Free Run #Atten: 4 dB		Type: Log-Pwr	11	AM May 19, 2014	Frequency
0 dB/div	Ref Offset Ref 0.00					Mk		9 98 GHz 7.49 dBm	Auto Tune
10.0 10.0 10.0									Center Free 5,405000000 GH
10.6 10 10							¢ ²	1100.000	Start Free 5.350000000 GH
nië në në									Stop Fre 5.460000000 GH
Res BW			#VBW			Sweep	858 ms	46000 GHz (1001 pts)	CF Ste 11.000000 MH Auto Ma
I N I N I N I A	11	5,350 00 0 5,439 98 0	GHz GHz	-61.90 dBm -67.49 dBm	FUNCTION	FUNCTION WIDTH	FUNC	TION YALUE	FreqOffse
466789012									OH

Antenna C



enter Freq 5.40500000	PNO: Fast	Trig: Free Run		Type: Log-Pwr	TRU	AM May 19, 2014	Frequency
Ref Offset 13.82 dE	IFGain:Low	SAtten: 4 dB		Mkr	2 5.440	09 GHz 14 dBm	Auto Tune
19 19 10							Center Free 5.405000000 GH
						sti do -der.	Start Free 5.35000000 GH
10							Stop Free 5.460000000 GH
art 5.35000 GHz Res BW 1.0 MHz	#VBW	100 Hz		Sweep	Stop 5.4 858 ms	6000 GHz (1001 pts)	CF Step 11,000000 MH
	350 00 GHz	-62.05 dBm	FUNCTION	FUNCTION WIDTH	FUNCTI	ON VALUE	Auto Mar
2 N 1 F 5, 3 4	440.09 GHz	-65.14 dBm					Freq Offse
				STATUS	0	-	12

Antenna D

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Conducted Bandedge Average, 5290 MHz, HT/VHT80 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna A

	eq 5.405000000		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	10:41:26 AM May 19, 2014 TRACE 1 2 4 TYPE 2 4 DET PLATA AND DET PLATA AND	Frequency
0 dB/div	Ref Offset 13.82 dB Ref 0.00 dBm			Mkr	1 5.350 00 GHz -59.30 dBm	Auto Tune
10.0 20.0						Center Fre 5.405000000 GH
69.8 50.0 1 50.0 1					مەنپىد	Start Fre 5.350000000 GH
mià ino					3/00/064	Stop Fre 5.46000000 GH
tart 5.35 Res BW		#VBV	/ 100 Hz	Sweep	Stop 5.46000 GHz	CF Ste 11.000000 MH
KR MODE TR		50 00 GHz	-59.30 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
23466						Freq Offse 0 H
7 8 9 10						
12						

Antenna C



	req 5.4050	000000 GHz PNO: Fast IFGain:Low	Trig: Free Run		Type: Log-Pwr	T	O AM May 19, 2014 RACE 2014 TVPE 2014	Frequency
0 dB/div	Ref Offset 1 Ref 0.00				Mkr		9 98 GHz 3.21 dBm	Auto Tune
0g 0.9 0.0 20								Center Fred 5.405000000 GHz
2.6 2.0 1 2.0						$\hat{\chi}^2$	57 45 cent	Start Fred 5.350000000 GH2
0.0 1.0								Stop Free 5.460000000 GH
tart 5.35 Res BW	000 GHz 1.0 MHz	#VB	W 100 Hz		Sweep	Stop 5. 858 ms	46000 GHz 5 (1001 pts)	CF Step 11,000000 MHz
KR MODE TH		5.350 00 GHz	-57.45 dBm	FUNCTION	FUNCTION WIDTH	FUNC	TRON VALUE	Auto Mar
2 N 1 3 4 6		5.439 98 GHz	-63.21 dBm					Freq Offse 0 Hi
7 8 9 0								
2 					STATUS	_		

Antenna D

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Conducted Bandedge Average, 5290 MHz, HT/VHT80 Beam Forming, M16 to M23, M0.3 to M9.3





Antenna A

RL enter F		00000 GHz PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr	10:12:58 AM May 19, 2014 TRACE 2 3 4 5 TYPE 000000000000000000000000000000000000	Frequency
0 dB/div	Ref Offset 1 Ref 0.00 c		satten: 4 db	Mk	1 5.350 00 GHz -56.75 dBm	Auto Tun
0g 100 210						Center Fre 5.405000000 GH
ais aic 1 aic						Start Fre 5,35000000 G
nd no ný					1000	Stop Fr 5.46000000 G
Res BW	000 GHz 1.0 MHz		3W 100 Hz		Stop 5.46000 GHz 858 ms (1001 pts)	CF Ste 11,000000 M
1 NODE TI		× 5,350 00 GHz	-56.75 dBm	UNCTION FUNCTION WIDTH	FUNCTION WALLE	Auto M
3 4 6 6						Freq Offs
7 8 9 0						
2				STATU		

Antenna C



enter Freq 5.40500000	PNO: Fast	Trig: Free Run	Avs	Type: Log-Pwr	T	1 AM May 19, 2014 GACE	Frequency
Ref Offset 13.82 dE	IFGain:Low	#Atten: 4 dB		Mkr		9 98 GHz 3.06 dBm	Auto Tune
							Center Free 5.405000000 GH
10 10 10					\hat{Q}^2	-15-41 dbm	Start Free 5.35000000 GH:
10 10 10							Stop Free 6.460000000 GH
art 5.35000 GHz Res BW 1.0 MHz	#VBW	100 Hz		Sweep	Stop 5. 858 ms	46000 GHz (1001 pts)	CF Step 11,000000 MH
	350 00 GHz	-56,41 dBm	FUNCTION	FUNCTION WIDTH	FUNC	TION VALUE	Auto Mar
2 N 1 F 5. 3	439 98 GHz	-63.06 dBm					Freq Offse
				STATU			11

Antenna D

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Conducted Bandedge Average, 5290 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1





Antenna A

Antenna B

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Conducted Bandedge Average, 5290 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1



	PNO: Fast C 1 IFGain:Low	rig: Free Run Atten: 4 dB	Avg Type: Log-Pwr	TRACE 2 4 50 TYPE MULTURE DET P 11 MUT2 1	
Ref Offset 13.82 dB			Mkr	1 5.350 00 GHz -53.72 dBm	Auto Tune
0 0 9					Center Fred 5,405000000 GH:
0				5172 mbr	Start Fred 5.35000000 GH:
0 0 σ					Stop Freq 5.46000000 GHz
art 5.35000 GHz les BW 1.0 MHz	#VBW 10	0 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11.000000 MH
N 1 7 53	50 00 GHz -	Y Pun 3.72 dBm	CTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
					Freq Offsel 0 Hz
			STATU		

Antenna A

	RF 50 9		BARINT	Avg Type: Log-Pwr	09:30:10 AM May 19, 2014 TRACE 10 2014	Frequency
Senter F	req 5.40500	PNO: Fast C IFGain:Low	Trig: Free Run	wall the rolling	TYPE DET PLUTTER	
10 dB/div	Ref Offset 13 Ref 0.00 d	.82 dB		Mkr	1 5.350 00 GHz -54.60 dBm	Auto Tune
10.0 						Center Fred 5.405000000 GHz
40.0 -50.0 -60.0					MER	Start Free 5.350000000 GH:
71.0 ero 919					1000	Stop Fre 5.46000000 GH
Start 5.35 Res BW		#VB	W 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11.000000 MH
MKR MODE TI		× 5,350 00 GHz	-54.60 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
23466						Freq Offse 0 H
7 8 9 10 11						
10				STATU		-

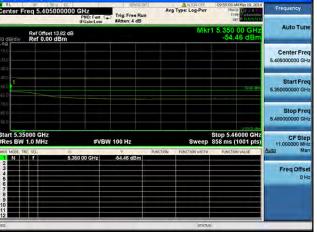
Antenna C

Antenna B

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Conducted Bandedge Average, 5290 MHz, HT/VHT80 STBC, M0 to M7, M0.1 to M9.1





Antenna A

	req 5.405000000		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	09:58:43 AM May 19, 2014 TRACE 2 4 TVPE 2 4 DET PROTOTOTO	Frequency
0 dB/div	Ref Offset 13.82 dB Ref 0.00 dBm			Mkr	1 5.350 00 GHz -56.41 dBm	Auto Tune
10.0 21.0 310						Center Fre 5,405000000 GH
40.8 50.0 60.0					-55-41-20-	Start Fre 5.350000000 GH
71.0 60.0 91.0						Stop Fre 5.46000000 GH
Start 5.35 Res BW	1.0 MHz	#VBW	100 Hz	Sweep		CF Ste 11.000000 MH
MKR MODE TR		50 00 GHz	-56.41 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
23456						Freq Offse
7 8 9 10						
12						

Antenna C



	req 5.4050	000000 GHz PNO: Fast C IEGain:Low	Trig: Free Run	Avş	Type: Log-Pwr	T	7 AM May 19, 2014 GACE 1 CALL STATE	Frequency
0 dB/div	Ref Offset 1 Ref 0.00 c	3.82 dB			Mkr		9 98 GHz 2.78 dBm	Auto Tune
•g n,e n,u ∈ u								Center Free 5.405000000 GH:
2.0 2.0 2.0						¢ ²	-01.53.45%	Start Free 5.350000000 GH
0.0 1.0 1.0								Stop Free 5.460000000 GH
	000 GHz 1.0 MHz	#VB	W 100 Hz		Sweep	Stop 5. 858 ms	46000 GHz (1001 pts)	CF Step 11,000000 MH
		5.350 00 GHz	-55.63 dBm	INCTION	FUNCTION WIDTH	FUNC	TION VALUE	Auto Mar
2 N 1 3 4 6 5		5.439.98 GHz	-62.78 dBm					Freq Offse 0 H
1								
10 11 12					STATUS			

Antenna D

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Conducted Bandedge Average, 5280 MHz, Non HT/VHT20, 6 to 54 Mbps

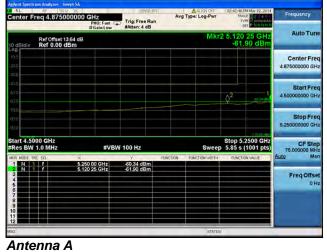


Antenna A

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Conducted Bandedge Average, 5280 MHz, Non HT/VHT20, 6 to 54 Mbps



	eq 4.8750	00000 GHz PNO: Far IFGain:Lu	Trig: Free Run	Avg Type: Log-Pwr	02:46:34 PMMay 19, 2014 TRACE 2 2 4 5 TYPE DET P TO NOT 11	Frequency
0 dB/div	Ref Offset 1 Ref 0.00 d	3.64 dB IBm		Mkr	2 5.119 50 GHz -62.86 dBm	Auto Tune
09 10.0 20.0 11.0						Center Freq 4.875000000 GHz
800					↓ ² 5970 cm	Start Freq 4.500000000 GHz
0:0 II:0 II:0					1000 000	Stop Freq 5.25000000 GHz
tart 4.50 Res BW	1.0 MHz	#	VBW 100 Hz	Sweep	Stop 5.2500 GHz 5.85 s (1001 pts)	CF Step 75,00000 MHs
IN 1 N 1 3	1.7	5 250 00 GHz 5.119 50 GHz	-59,75 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Man Freq Offsel
4 5 6 7 8 9 10						0 Hz
a .				STATU	B)	

Antenna B

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Conducted Bandedge Average, 5280 MHz, Non HT/VHT20, 6 to 54 Mbps



Center F	req 4.8750	000000 GHz PNO: Fast IFGain:Low	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	D2:48:04 PMMay 19, 2014 TRACE 2 4 5 10 TYPE STANDARD DET P TONIO 11	Frequency
0 dB/div	Ref Offset 1 Ref 0.00 c			Mkr	2 5.120 25 GHz -63.38 dBm	Auto Tune
0.0 0.0 0.0 1.0						Center Freq 4.875000000 GHz
899					\$ ²	Start Freq 4.500000000 GHz
40.0) 10 0 11 0 11 0 11 0						Stop Freq 5.25000000 GHz
	1.0 MHz	#VB	W 100 Hz	Sweep		CF Step 75,00000 MHz Auto Man
KR HODE TH		5 250 00 GHz 5 120 25 GHz	-61.95 dBm -63.38 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	FreqOffset
4 5 6 7 8 9 0 1 2						OHz
a -				STATUS	1) 1)	100 C

Antenna B

	req 4.8750	DOODO GHz PNO: Fast C IFGain:Low	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	03:51:53 PM May 1 TRACE	Frequency
10 dB/div	Ref Offset 13 Ref 0.00 d	3.64 dB Bm		Mkr	2 5.119 50 0 -63.77 d	GHZ Auto Tune IBm
09 (0.0 200 300						Center Free 4.875000000 GH
40.8 60.0 60.0					\$ ² ==	Start Free 4.500000000 GH
mia ero evo						Stop Fre 5.250000000 GH
Start 4.50 #Res BW	1.0 MHz	#VB	W 100 Hz	Sweet	Stop 5.2500 5.85 s (1001	GHz pts) 75,000000 MH
1 N 1 3 4 5 6 7		5.250.00 GHz 5,119 50 GHz	-63.22 dBm -53.77 dBm		PONCING PACA	Freq Offse 0 H
8 9 10 11						

Antenna C

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Avg Type: Log-Frequency a 4.8750 O GHZ PNO: Fast Trig: Free Run Auto Tun Ref Offset 13.64 dB Ref 0.00 dBm 66.72 Center Fre 4.875000000 GH Start Fre 4.500 Stop Fre 0000000 Gi t 4.5000 GHz s BW 1.0 MH Stop 5.2500 GH Sweep 5.85 s (1001 pts CF Ste 75,000000 MH Re #VBW 100 Hz 5.250 00 GHz 5.120 25 GHz -65.85 dBm -66.72 dBm Freq Offse



Antenna A

anter Fr	eq 4.8750	00000 G	PNO: Fast C FGain:Low	Trig: Free Ru #Atten: 4 dB	Avş	Type: Log-Pwr	T		Frequency
0 dB/div	Ref Offset 1 Ref 0.00 d					Mkr		25 GHz .57 dBm	Auto Tune
10.0 									Center Fre 4.875000000 GH
49,8 50,0 50,0							¢ ²	1	Start Fre 4.50000000 GH
nua: ara:									Stop Fre 5.250000000 GH
tart 4.500 Res BW	.0 MHz		#VB	N 100 Hz			p 5.85 s	.2500 GHz (1001 pts)	CF Ste 75,000000 MH
KR MODE TRO	f		00 GHz 25 GHz	-66.38 dBm -66.57 dBm	FUNCTION	FUNCTION WIDTH	FUNCT	ION YALUE	Auto Ma
3 4 6 6 7 8 9									Freq Offse

Antenna C



enter Freq 4.87		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	D4:41:48 PMMay 19, 2014 TRACE 12 4 TYPE D1000000000000000000000000000000000000	Frequency
dB/div Ref 0.00	t 13.64 dB 0 dBm		Mkr	2 5.120 25 GHz -63.41 dBm	Auto Tune
99 10 10					Center Free 4.875000000 GH:
10 10				¢ ² 1	Start Free 4.500000000 GH
00 tó t0					Stop Free 5.250000000 GH
art 4.5000 GHz Res BW 1.0 MHz		W 100 Hz		Stop 5.2500 GHz 5.85 s (1001 pts)	CF Step 75,000000 MH Auto Ma
	5 250 00 GHz 5 120 25 GHz 6 120 25 GHz	7 (Fg -53,69 dBm -63,41 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Freq Offse 0 H

Antenna D

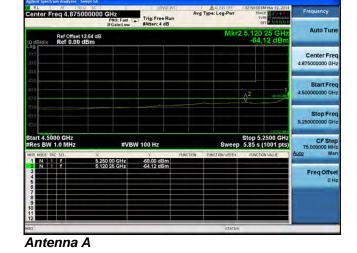
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Conducted Bandedge Average, 5280 MHz, Non HT/VHT20, 6 to 54 Mbps



Conducted Bandedge Average, 5280 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps





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Conducted Bandedge Average, 5280 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps



enter Freq 4.87500	0000 GHz PNO: Fast C, IFGaint pw	1011 01 10 10 10 10 10 10 10 10 10 10 10	Avg Type: Log-Pwr	04:03:25 PMMay 19, 2014 TRACE 24 EC LYPE DET P TANANAN	Frequency
Ref Offset 13. dB/div Ref 0.00 dB	54 dB Fm		Mkr	2 5.120 25 GHz -65.98 dBm	Auto Tune
0.0 no no to					Center Freq 4.875000000 GHz
en				\$ ²	Start Freq 4.500000000 GHz
0.0 [Ú U					Stop Freq 5.25000000 GHz
tart 4.5000 GHz Res BW 1.0 MHz	#VBV	V 100 Hz	Sweep		CF Step 75.000000 MHz Auto Man
1 N 1 F 3 N 1 F 4 5 5 6 6 7 8 9 9 0	5.250 00 GHz 5.120 25 GHz	-64 27 dBm -66 38 dBm			Freq Offset 0 Hz
			STATUS	5) 5)	

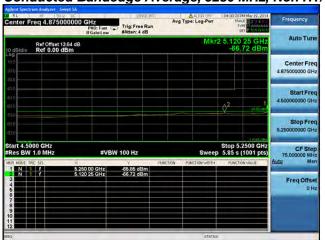
Antenna A

	req 4.8750	000000 GHz	ast 😱	Trig: Free Run #Atten: 4 dB	Avg Type: Lo		TRA	M May 19, 2014	Frequency
10 dB/div	Ref Offset 1 Ref 0.00					Mkr2		25 GHz 67 dBm	Auto Tune
10.0 20.0 30.0									Center Free 4.875000000 GH
40,8 80,0 60,0							¢ ²	1	Start Free 4.500000000 GH
71.0 800 800									Stop Free 5.25000000 GH
Start 4.50 #Res BW	1.0 MHz		#VBW		UNCTION BUNCTION	Sweep	5.85 s (2500 GHz 1001 pts)	CF Ste 75,00000 MH Auto Ma
1 N 2 N	11	5,250 00 GH 5,120 25 GH	iz iz	-62 59 dBm -63.67 dBm	UNCTION FUNCTION	A WEATH	FUNCTION	N YALIA	FreqOffse
4 6 6 7 8 9 10 11 12	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								OH

Antenna C

Antenna B

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Antenna A

	req 4.875000		Trig: Free Run #Atten: 4 dB	Aug Type: Log-Pwr	D4:37:58 PM May 19, 2014 TRACE 2 2 4 TYPE DURING UNITED	Frequency
10 dB/div	Ref Offset 13.6 Ref 0.00 dBr			Mkr	2 5.120 25 GHz -66.57 dBm	Auto Tun
(0.0 20.0						Center Fre 4.875000000 GH
40.8 60.0						Start Fre 4.50000000 Gł
71.0 ero 91.0						Stop Fre 5.25000000 Gi
Start 4.50 #Res BW	1.0 MHz		V 100 Hz		Stop 5.2500 GHz 5.85 s (1001 pts)	CF Ste 75,00000 Mi Auto Mi
1 N	17	5.250 00 GHz 5.120 25 GHz	-66.38 dBm -66.57 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto
346678910						Freq Offs 01
12				STATU		

Antenna C



	04:41:48 PMMay 19, 2014 TRACE 2245 TVPE 0404000000000000000000000000000000000
	5.120 25 GHz -63.41 dBm
Center Fred 4.875000000 GHz	
Start Free 4.50000000 GHz	
Stop Fred 5.250000000 GH2	
75,000000 MH	Stop 5.2500 GHz 5.85 s (1001 pts)
Auto Mar	FUNCTION VALUE
Freq Offset 0 Hi	
	STATUS

Antenna D

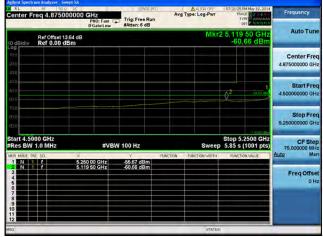
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Conducted Bandedge Average, 5280 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps



Conducted Bandedge Average, 5280 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1



Antenna A

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Conducted Bandedge Average, 5280 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1



0000 GHZ PNO: Fast C Trig: Free Run #Atten: 4 dB Avg Type: Log-Pu Frequency eg 4.87500 Auto Tur Ref Offset 13.64 dB Ref 0.00 dBm Center Fre 4.875000000 GI StartFre 4.50 Stop Fre 000000 G t 4.5000 GHz Stop 5.2500 GHz Sweep 5.85 s (1001 pts) CF Ste #VBW 100 Hz 75.0 -61.43 dBn -62.78 dBn 5 250 00 GHz 5 120 25 GHz N 1 F Freq Offse

Antenna A

Antenna B

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Frequency

Auto Tur

Center Fre

Start Fre 4.50000000 GH

Stop Fre

000000 G

CF Ste

Freq Offse

75.0

4.875000000 GI

Avg Type: Log-Pw

5.117 2

Stop 5.2500 GHz Sweep 5.85 s (1001 pts)

DODO GHZ PNO: Fast C Trig: Free Run #Atten: 8 dB

#VBW 100 Hz

-55.89 dBn -59.96 dBn

5.250 00 GHz 5.117 25 GHz

Conducted Bandedge Average, 5280 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2





Antenna B

t 4.5000 GHz s BW 1.0 MH

N 1 F

eg 4.87500

Ref Offset 13.64 dB Ref 0.00 dBm

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Conducted Bandedge Average, 5280 MHz, HT/VHT20, MO to M7, M0.1 to M9.1



RL	WE I	50 9 00 1	1	17/6 33/38		AUGN OFF	09:56:19	DMMay 19, 2014	Contraction of the
Center F	req 4.87	5000000	PNO: Fast	Trig: Free Run #Atten: 4 dB	Avg Typ	e: Log-Pwr		AE 12845 TE NUMBER	Frequency
0 dB/div	Ref Offse Ref 0.0	t 13.64 dB 0 dBm				Mkr		50 GHz 50 dBm	Auto Tune
0g (h.) 31.0									Center Fred 4.875000000 GHa
80 80 80								-6270-65	Start Free 4.50000000 GH
/0:0 (E Q (E Q (E Q								1000	Stop Free 6.25000000 GH:
	1.0 MHz		#VBW	100 Hz			5.85 s	2500 GHz (1001 pts)	CF Step 75.000000 MH
KR MODE TH	1	5.2	50 00 GHz	-62.73 dBm -63.50 dBm	UNCTION FU	VCTION WIDTH	FUNCTI	ON VALUE	Auto mar
3466789									Freq Offse 0 H:
2 2						STATUS			

Antenna B

Antenna A

Center F	req 4.8750	00000 GHz PN0: Fast C, IFGain:Low	Trig: Free Run	Avg Type: Log-Pwr	10:00:09 PM May 19, 2014 TRACE 2 2 4 5 TYPE 2 10 10 10 10 10 10 10 10 10 10 10 10 10	Frequency
10 dB/div	Ref Offset 1 Ref 0.00 d	3.64 dB		Mkr	2 5.120 25 GHz -63.59 dBm	Auto Tune
10.0 20.0 20.0						Center Fred 4.875000000 GHz
40,8 50,0 60,0						Start Free 4.500000000 GH
nuù ené suò					3100.000	Stop Free 5.250000000 GH
Start 4.50 Res BW	1.0 MHz	#VB1	V 100 Hz	Sweep	Stop 5.2500 GHz 5.85 s (1001 pts)	CF Step 75.000000 MH Auto Mar
1 N 1 3 4 6 6		5.250 00 GHz 5.120 25 GHz	-62 24 dBm -63.59 dBm			Freq Offse 0 H:
7 8 9 10 11						
150				STATUS		

Antenna C

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Conducted Bandedge Average, 5280 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2



RL			12	SEM32.3VT		ALICN OFF		PMMay 19, 2014	
enter F	req 4.8750	000000 GHz PNO: IEGain	Fast 😱	Trig: Free Run #Atten: 4 dB	Avg	Type: Log-Pwr	T		Frequency
0 dB/div	Ref Offset 1 Ref 0.00 d	3.64 dB				Mkr	2 5.121 -63	75 GHz 15 dBm	Auto Tune
09 10.0 20.0 = 0									Center Freq 4.875000000 GHz
20							¢²	-01-20	Start Freq 4.50000000 GHz
01) E 0 E 0								10000	Stop Freq 5.25000000 GHz
	1.0 MHz		#VBW	100 Hz		Sweep	5.85 s	.2500 GHz (1001 pts)	CF Step 75.00000 MHz
1 N	10.0	5.260 00 G		-59.32 dBm	PUNCTION	FUNCTION WIDTH	FUNCT	ION VALUE	<u>Auto</u> Man
3 4 5 6 7 8 9 9 10									Freq Offset 0 Hz
a.						STATUS	-		

Antenna A

Center F	req 4.8750000	00 GHz	PNO: Fast C Trig: Free Run		Avg Type: Log-Pwr		PM May 19, 2014	Frequency
Ref Offset 13.64 dB Mkr2 5.121 75 GHz 9 dB/div Ref 0.00 dBm -63.10 dBm								Auto Tune
10.0 20.0 20.0								Center Free 4.875000000 GH
40.8 40.0 40.0						¢ ²	a111 cts	Start Free 4.500000000 GH
7114 18179 18179 18179								Stop Fre 5.250000000 GH
#Res BW	tar 4.5000 GHz Stop 5.2500 GHz Res BW 1.0 MHz #VBW 100 Hz Sweep 5.85 s (1001 pts							
	1 7 1	× 5 250 00 GHz	-61.13 dBm	FUNCTION FUNCT	TION FUNCTION WIDTH		ON YALUE	Auto Mar
2 N 1 3 4 6 6 7		5,121 75 GHz	-53.10 dBm					Freq Offse 0 H
8 9 10 11								
12				_	STATUS	-		-

Antenna C

Antenna B

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Conducted Bandedge Average, 5280 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3



enter Freq 4.87500		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	08:54:33 PMMay 19, 2014 TRACE 104 PMMay 19, 2014 TYPE TYPE TYPE TYPE TYPE TYPE TYPE TYPE	Frequency
Ref Offset 13.0 0 dB/div Ref 0.00 dB	64 dB Im		Mkr	2 5.120 25 GHz -62.78 dBm	Auto Tune
09 00 00					Center Freq 4.875000000 GHz
870					Start Freq 4.50000000 GHz
0.0) (E () (E ()				-1/0/0 ultra	Stop Freq 6.25000000 GHz
tart 4.5000 GHz Res BW 1.0 MHz	#VBV	V 100 Hz	Sweep	Stop 5.2500 GHz 5.85 s (1001 pts)	CF Step 76.000000 MHz Auto Man
1 N 1 F 2 N 1 F 3 1 F 6 5 6 7 7 7 9 9 0 1	5 250 00 GHz 5 120 25 GHz	-61.43 dBm -62.78 dBm			Freq Offset 0 Hz
a.			STATUS		

Antenna B

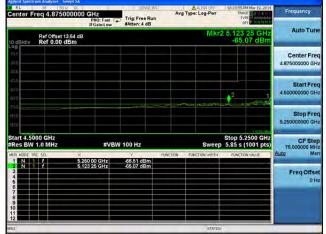
Antenna A	
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	req 4.875	000000	GHz PNO: Fast	Trig: Free Run #Atten: 4 dB	Avg Type:	Log-Pwr	TR	PM May 19, 2014	Frequency
10 dB/div	Ref Offset Ref 0.00					Mkr		50 GHz .61 dBm	Auto Tune
10.0 20.0 20.0									Center Fred 4.875000000 GH:
41.8 60.0 60.0							\Diamond^2	30 Miles	Start Free 4.50000000 GH
71.0									Stop Free 5.250000000 GH
Start 4.50 #Res BW			#VB	W 100 Hz		Sweep	Stop 5 5.85 s	.2500 GHz (1001 pts)	CF Step 75,000000 MH
MKR MODE TR	RC SCL		0 00 GHz	-58,68 dBm	FUNCTION FUNC	TION WIDTH	FUNCT	ION WALLIE	Auto Mar
2 3 4 6 6	1	5,12	2 50 GHz	-50.61 dBm					Freq Offse 0 H:
7 8 9 10									
12									

Antenna C

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Conducted Bandedge Average, 5280 MHz, HT/VHT20, Mo to M7, M0.1 to M9.1





Antenna A

	q 4.87500000		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	10:31:36 PM May 19, 2014 TRACE 1 2 4 TVPE 2 4 DET PN NTCOM	Frequency
	Ref Offset 13.64 dE Ref 0.00 dBm			Mkr	2 4.794 75 GHz -69.35 dBm	Auto Tune
100 200						Center Fre 4.875000000 GH
49 B 50 D			0 ²			Start Fre 4.500000000 GH
mia èrrà essà			×		1200.00	Stop Fre 5.25000000 GH
tart 4.5000 Res BW 1.		#VB	W 100 Hz	Sweep	Stop 5.2500 GHz 5.85 s (1001 pts)	CF Ste 75,00000 MH
IN I	1 5.	250 00 GHz 794 75 GHz	-63.27 dBm -69.35 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
3466		194.75 GH2	-09.30 GBM			Freq Offse
7 8 9 10						
12 				STATU		

Antenna C



	req 4.8750	000000 G	HZ PNO: Fast C	Trig: Free Ru #Atten: 4 dB	Avs	Type: Log-Pwr	TRA	PM May 19, 2014 CE 1 2 4 5 PE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Frequency
0 dB/div	Ref Offset 1 Ref 0.00					Mkr	2 5,120	25 GHz 50 dBm	Auto Tune
09 0.0 0.0 1.0									Center Fred 4.875000000 GHz
8.9 6.0 6.0							$\hat{\mathbf{Q}}^2$	1 61:31 van	Start Free 4.50000000 GH:
0.0) E.0 E.0									Stop Free 5.25000000 GH
tart 4.50 Res BW	00 GHz 1.0 MHz		#VBW	100 Hz		Sweep	Stop 5. 5.85 s	2500 GHz (1001 pts)	CF Step 75,000000 MH
KR MODE TH		5.250	00 GHz	-63.31 dBm	FUNCTION	FUNCTION WIDTH	FUNCTI	ON VALUE	Auto Mar
2 N 1 3 4 6 6		5,120 :	25 GHz	-63.50 dBm					Freq Offset 0 Hi
7 8 9 0									
2	11					STATUS		_	

Antenna D

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Conducted Bandedge Average, 5280 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2





Antenna A

201 487500000 487500000 Start K 487500000 Start K 487500000 Start K 487500000 Start K 500 GHz 510 Start K 5000 GHz 510 Stort S 511 Stort S 512 Stort S		req 4.8750000		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	09:44:42 PM May 19, 2014 TRACE 2014 TYPE 0100000000000000000000000000000000000	Frequency	
Inco Center f 21 Center f 22 Center f 23 Center f 24 Center f 25 Center f 26 Center f 27 Center f 28 Center f 29 Center f 20 Center f 20 Center f 20 Center f 21 Center f 22 Center f 23 Center f 24 Center f 25 Center f 26 Center f 27 Center f 28 Center f 29 Center f 20 Center f 20 Center f 20 Center f 20 <th>10 dB/div</th> <th></th> <th>iB</th> <th></th> <th colspan="4"></th>	10 dB/div		iB					
1 0 2 3 450000000 1 0	10.0 20.0						Center Fre 4.875000000 GH	
CT Stop F	50.0						Start Fre 4.500000000 GH	
Start 4.5000 GHz Stop 5.2500 GHz Stop 5.2500 GHz CF 6 FRes EW 1.0 MHz #VEW 100 Hz Sweep 5.85 (100 1pts) Max 2000 GHz 75,00000 GHz 76,0000 GHz 76,0000 GHz 76,0000 GHz Max 200 Tr 65,000 GHz Adda Adda Adda Freq Of Freq	ėriė —						Stop Fre 5.25000000 GH	
1 N 1 7 5260000Hz1 6127 dBm 3 N 1 7 512175 GHz 45355 dBm 6 7 512175 GHz 45355 dBm 7 512175 GHz 45355 dBm			#VBV	V 100 Hz	Sweep	Stop 5.2500 GHz 5.85 s (1001 pts)	CF Ste 75,000000 MH	
3 6 6 7 8 9 9	1 N 1	17	5.250 00 GHz	-61.27 dBm	INCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma	
	34667891011						Freq Offse 0 H	

Antenna C



	req 4.8750	000000 GHz PNO: Fast C IFGain:Low	Trig: Free Run	Avg Type: Log-Pwr	09:48:35 PM May 19, 201- TRACE 12 4 TVPE DUMONT	Frequency
0 dB/div	Ref Offset 1 Ref 0.00 d	3.64 dB		Mkr	2 5.120 25 GHz -63.11 dBm	Auto Tune
99 A.G A.D # 0						Center Fred 4.875000000 GHz
εφ έφ εφ					Q ²	Start Fred 4.500000000 GHz
0.1) 1. () 1. ()						Stop Free 5.250000000 GH
	1.0 MHz	#VB	W 100 Hz	Swee	Stop 5.2500 GHz 5.85 s (1001 pts)	75,000000 MH
KR MODE TR		5.250 00 GHz 5.120 25 GHz	-61.97 dBm -63.11 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
		0,120 20 011				Freq Offse 0 H
7						
2						

Antenna D

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Conducted Bandedge Average, 5280 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3





Antenna A

Center F	req 4.875(000000 G	HZ PNO: Fast C Gain:Low	Trig: Free Run #Atten: 4 dB	Avg Type: Log	-Pwr II	3 PM May 19, 2014 RACE 2 2 4 5 DET P 10 10 10 10	Frequency
0 dB/div	Ref Offset Ref 0.00				Mkr2 5.123 25 GHz -63.38 dBm			
10.0 20.0 20.0								Center Fre 4.875000000 GH
40.8 60.0 60.0						¢ ²	e n n n	Start Fre 4.500000000 GH
71.0 67.0 91.0 91.0								Stop Fre 5.25000000 GH
Start 4.50 #Res BW			#VBV	V 100 Hz	S	weep 5.85 s		CF Ste 75,000000 MH
MKR MODE T	11	× 5 250 0	00 GHz 25 GHz	-61,47 dBm -63,38 dBm	FUNCTION FUNCTION	WIDTH FUNC	TION YALUE	Auto Ma
346678		5,123,7	20 GH2	-03-30 dBm				Freq Offs 0 H
9								

Antenna C



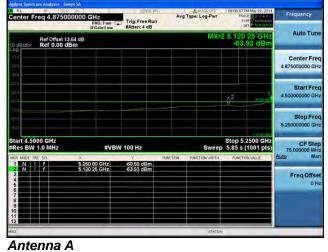
	eq 4.8750	00000 GHz PNO: Fast	Trig: Free Rur	Av	Type: Log-Pwr	TRA	PM3May 19, 2014	Frequency
0 dB/div	Ref Offset 1 Ref 0.00 c	3.64 dB	January Contract		Mkr		25 GHz 13 dBm	Auto Tune
0g 0.0 0.0 2.0								Center Free 4.875000000 GH:
εφ εφ εφ						2^2	-11-20-021	Start Free 4.50000000 GH
0.1) E.Ö E.D								Stop Fre 5.250000000 GH
tart 4.50 Res BW		#V	BW 100 Hz		Sweep	Stop 5. 5.85 s	2500 GHz (1001 pts)	CF Step 75.000000 MH
KR MODE TR	1	5 250 00 GHz 5 120 25 GHz	-61.30 dBm -63.13 dBm	FUNCTION	FUNCTION WIDTH	FUNCTI	ON VALUE	Auto Mar
3 4 6 6		3,120 23 GHZ						Freq Offse 0 H
7 8 9 0								
2								

Antenna D

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Conducted Bandedge Average, 5280 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1



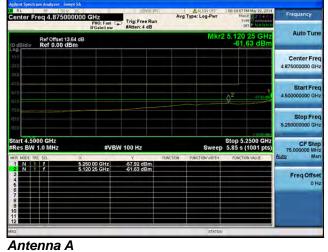
PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr	TRACE	Frequency
4 dB	BAtten: 4 dD	Mkr	2 5.121 75 GH	Auto Tune
				Center Free 4.875000000 GH:
				Start Free 4.500000000 GH
				Stop Free 5.25000000 GH
			Stop 5.2500 GH 5.85 s (1001 pts	
5.250.00 GHz 5.121 75 GHz	-59.32 dBm -63.15 dBm			Freq Offse 0 H
	#VBW	C UNXERSIT D00 GHz Trig: Free Run IFGatci www. Mater: 4 dB m #VBW 100 Hz #VBW 100 Hz 5250 00 GHz 55250 00 GHz	Color Color <td< td=""><td>Moto GHZ Trig: Free Run Briting Hum Avg Type: Log-Per Log Hum Trid: Free Run Hum Avg Type: Log-Per Log Hum Trid: Free Run Hum <thtrid< th=""> Trid: Free</thtrid<></td></td<>	Moto GHZ Trig: Free Run Briting Hum Avg Type: Log-Per Log Hum Trid: Free Run Hum Avg Type: Log-Per Log Hum Trid: Free Run Hum Trid: Free Run Hum <thtrid< th=""> Trid: Free</thtrid<>

Antenna B

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Conducted Bandedge Average, 5280 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2



	eq 4.8750	00000 G	HZ PNO: Fast	Trig: Free Run #Atten: 8 dB	Avg Type:	Log-Pwr	TRA	PM 3un 23, 2014 RE 12 4 10 RE 12 4 10 RT PT0 10 77 10	Frequency
0 dB/div	Ref Offset 1 Ref 0.00 d					Mkr		25 GHz 96 dBm	Auto Tune
09 (0,0 									Center Fred 4.875000000 GH:
80							\$ ²	1	Start Free 4.500000000 GH
0:0 II 0 II 0									Stop Free 5.25000000 GH
tart 4.50 Res BW	1.0 MHz	8	#VBW	Y B	INCTION FUNC	Sweep	5.85 s	2500 GHz (1001 pts)	CF Step 75.000000 MH Auto Mar
	Ŧ	5,250 5,117	00 GHz 25 GHz	-55.89 dBm -59.96 dBm					Freq Offse 0 H:
8 9 0 1 2									

Antenna B

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Conducted Bandedge Average, 5280 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1



Center Freq 4.875000000 GHz			Trig: Free Run	Avg Type: Log-Pwr	10:11:47 PMMay 19, 2014 TRACE 12 4 5 TYPE DUMONTON	Frequency
0 dB/div	Ref Offset 1 Ref 0.00 d	IFGain:Low 3.64 dB	#Atten: 4 dB	Mkr	2 5.120 25 GHz -66.06 dBm	Auto Tune
0g 0.0 0.0						Center Fred 4.875000000 GH:
200						Start Fred 4.50000000 GH:
0.0 E Ú 11.0						Stop Fred 5.25000000 GH
tart 4.50 Res BW	1.0 MHz	#VE	W 100 Hz	Sweep		CF Step 75.000000 MH
1 N 1 2 N 1 3 4 4 5 6 6 7 8 9 9 9 0 1	171	5.250 00 GHz 5.120 25 GHz	-64.69 dBm -66.06 dBm			Freq Offse 0 Hz
2 				STATUS		

Antenna A

RL Center F		00000 GHz PNO: Fast IFGain:Low	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	10:15:38 PM May 19, 2014 TRACE 2 2 4 TYPE 5 Manual A	Frequency
0 dB/div	Ref Offset 1 Ref 0.00 c			Mkr	1 5.250 00 GHz -62.60 dBm	Auto Tune
10.0 20.0 20.0						Center Fre 4.875000000 GH
49 (8) 50 (9) 50 (9)						Start Fre 4.500000000 GH
nià nà					1300.00	Stop Fre 5.25000000 GH
Start 4.50 Res BW	1.0 MHz	#VB	W 100 Hz	Sweet	Stop 5.2500 GHz p 5.85 s (1001 pts)	10,000000 1111
MKR MODE TR		× 5.250 00 GHz	-62.60 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
23456						Freq Offse 0 H
7 8 9 10 11						
50	-			STATU		

Antenna C

Antenna B

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Conducted Bandedge Average, 5280 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2



Ref Offset 13.54 dB Mkr2 5.120 25 GHz Auto Tu 10 dBidW Ref 0.00 dBm -03.17 dBm Center F 40 dBidW Q2 10 4.8500000 dBm Center F 4.8500000 dBidW Q2 10 4.8500000 dBm 5.2500 dBHz 4.850000 dBidW X X X Stop F.5.250 dBHz 5.2500 dBHz 4.85000 dBidW X X Y Not Construction Value Attac MidW N 1 Y S.120 25 GHz 4.317 dBm Freq Off	Center F	req 4.8750	00000 GHz PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr	09:25:24 PMMay 19, 2014 TRACE 12, 4 5 TVPE MULTINITY R	Frequency
N f S.22000 GHz Y Particle Canter Freq Off N f S.22000 GHz Stop 5.2500 GHz Certer Freq Off N f S.22000 GHz Stop 5.2500 GHz Certer Freq Off	0 dB/div		3.64 dB		Mkr	2 5.120 25 GHz -63.17 dBm	Auto Tune
10 0 2 1 4.50000000 cm 10 0	0.0 0.0						Center Freq 4.875000000 GHz
Stop File Stop File tart 4,5000 GHz #VBW 100 Hz Stop 5,2500 GHz tart 4,5000 GHz #VBW 100 Hz Sweep 5,85 s (1001 pts) tart 4,5000 GHz #VBW 100 Hz Sweep 5,85 s (1001 pts) tart 1,0 MHz #VBW 100 Hz Sweep 5,85 s (1001 pts) tart 1,0 MHz #VBW 100 Hz Function	1.0 1.0						Start Freq 4.500000000 GHz
Variable VEW 100 Hz Stop 5.2500 GHz CF stop 5.250 GHz	8.Ú						Stop Free 5.25000000 GH
1 N 1 7 5250 00 GHz 4119 48m 3 N 1 7 5129 25 GHz 4317 48m Freq Off	Res BW	1.0 MHz				Stop 5.2500 GHz 5.85 s (1001 pts)	CF Step 75.000000 MHs
	1 N 1 2 N 1 3 4 4 5 6 6 7 7 8 9 9 0 1		5.250 00 GHz	-61.19 dBm		VINCHDAROPOLO	Freq Offset 0 Hz

Antenna A

	req 4.8750	000000 GHz PN0: Fast	Trig: Free Run	Avg Type: Log-Pwr	109:29:13 PM May 19, 2014 TRACE 1 2 3 4 5 TYPE DET P 1011111	Frequency
10 dB/div	Ref Offset 1 Ref 0.00 d	3.64 dB		Mkr	2 5.123 25 GHz -63.38 dBm	Auto Tune
09 100 200						Center Freq 4.875000000 GHz
49 8						Start Freq 4.50000000 GHz
nuù erò euò						Stop Freq 5.25000000 GHz
	1.0 MHz	#VB	W 100 Hz		Stop 5.2500 GHz 5.85 s (1001 pts)	75,000000 MHz
A MODE TR	RC SCL	5.250 00 GHz	-61,47 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Man
2 N 1 3 4 6 6		5,123,25 GHz	-63.38 dBm			Freq Offset 0 Hz
7 8 9 0 1 2						
50				STATU	5	

Antenna C

Antenna B

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Conducted Bandedge Average, 5280 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3



RL NF 50 Q OC		TVE 33128	ALICN OFF	08:54:33 PM May 19, 2014	Frequency
enter Freq 4.87500000	PNO: Fast	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	TRACE 2 4 5 /	Frequency
Ref Offset 13.64 dB			Mkr	2 5.120 25 GHz -62.78 dBm	Auto Tune
og noj #0					Center Freq 4.875000000 GHz
80) 40) 40)					Start Freq 4.500000000 GHz
00) (() ()					Stop Freq 5.25000000 GHz
tart 4.5000 GHz Res BW 1.0 MHz	#VBW		Sweep		CF Step 75,000000 MHs Auto Mar
1 N 1 F 5.2 2 N 1 F 5.1 3	50 00 GHz 20 25 GHz	-61.43 dBm -62.78 dBm		TORCHURTURE	Freq Offsel
4 5 6 7 7 8 9 9 0 0					OHz
30			STATUS		1

Antenna A

RL	RF 50 G	DC	SNEWT	ALION OPF	08:58:23 PM May 19, 2014	
Center F	req 4.8750	PNO: Fast C IFGain:Low	Trig: Free Run	Avg Type: Log-Pwr	TRACE 12 4 F	Frequency
10 dB/div	Ref Offset 13 Ref 0.00 d			Mkr	2 5.122 50 GHz -60.61 dBm	
100 						Center Fred 4.875000000 GHz
40.8 50.0 60.0					Q ² 2010	Start Free 4.50000000 GHz
714 1870					310100.000	Stop Free 5.250000000 GHz
Start 4.50 #Res BW	1.0 MHz	#VB	W 100 Hz		Stop 5.2500 GHz 5.85 s (1001 pts)	75,000000 MHz
MKR MODE TH	RC SCL	× 5.250 00 GHz	-58.68 dBm	INCTION FUNCTION WIDTH	FUNCTION WALLE	Auto Mar
2 N 3 4 6 6		5.122 50 GHz	-50.61 dBm			Freq Offset 0 Ha
7 8 9 10 11 12						
MSG				STATUS		

Antenna C

Antenna B

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Conducted Bandedge Average, 5280 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1





Antenna A

Center F	req 4.8750		SH2 PNO: Fast C	Trig: Free Ru #Atten: 4 dB	A	vg Type: Lo		TRA	PM May 19, 2014 CE 22, 4 CE VE 20, 4 CE VE PL 10, 10, 10, 10	Frequency
10 dB/div	Ref Offset 1 Ref 0.00 c	3.64 dB IBm					Mkr		50 GHz 68 dBm	Auto Tune
- 10.0 çitli										Center Free 4.875000000 GH
49,8 60,0 60,0									1	Start Fre 4.50000000 GH
7110 610 910 910										Stop Fre 5.250000000 GH
	1.0 MHz		#VBI	V 100 Hz		_		5.85 s	2500 GHz (1001 pts)	CF Ste 75.000000 MH Auto Ma
1 N 2 N	1171	5.250 5.119	0 00 GHz 9 50 GHz	-65.46 dBm -66.68 dBm	PUNCTION	PUNCTIO	N WIDTH	FUNCTI	ON YALUE	
4 6 6 7 8 9 10										Freq Offse 0 H
9							STATUS			

Antenna C



.875000000 G	PRO: Fast C. FGain:Low	Trig: Free Ru #Atten: 4 dB		g Type: Log-Pwr	2 5.12	0 25 GHz 84 dBm	Auto Tune Center Freq 4.87500000 GHz Start Freq 4.50000000 GHz
				Mkr	-63	3.84 dBm	Center Freq 4.87500000 GHz Start Freq
						1	4.875000000 GH2 Start Freq
					¢ ²	1	
		-					-
							Stop Free 5.250000000 GH
Hz IHz	#VBV	W 100 Hz		Sweet	Stop 5 5.85 s	5.2500 GHz (1001 pts)	CF Step 75,000000 MH
× 5.250	00 GHz	γ -64.05 dBm	FUNCTION	FUNCTION WIDTH	FUNC	TION VALUE	Auto Mar
5.120 :	25 GHz	-63.84 dBm					Freq Offset 0 Hz
	Hz 5.250	Hz #VB	Hz #VBW 100 Hz	Hz #VBW 100 Hz	Hz #VBW 100 Hz Sweep	Hz #VBW 100 Hz Sweep 5.85 s	tz #VBW 100 Hz Stop 5.2500 GHz Max WOBW 100 Hz Sweep 5.85 s (1001 pts) 52500 GHz -5405 BBm Flaktion 5,150 25 GHz -5405 BBm Flaktion

Antenna D

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dinihi cisco

Conducted Bandedge Average, 5280 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna A

	req 4.8750		Trig: Free Run	Avg Type: Log-Pwr	10:00:09 PM May 19, 2014 TRACE 204 TYPE 0 MANAGEMENT	Frequency
0 dB/div	Ref Offset 13 Ref 0.00 d			Mkr	2 5.120 25 GHz -63.59 dBm	Auto Tune
(0.0 20.0						Center Fre 4.875000000 GH
40,8 60,0 60,0						Start Fre 4.500000000 GH
nuà enà euà						Stop Fre 5.25000000 GH
Start 4.50 #Res BW		#VE	3W 100 Hz	Sweep	Stop 5.2500 GHz 5.85 s (1001 pts)	75,000000 MH
1 N	171	× 5.250 00 GHz	-62.24 dBm	INCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma
2 3 4 5 6 7 8 9		5,120 25 GHz	-63.59 dBm			Freq Offse 0 H
10						

Antenna C



enter F	req 4.8750	00000 GHz PNO: Fast C IFGainclow	Trig: Free Run #Atten: 4 dB		e: Log-Pwr	TRA	MMay 19, 2014 CE 12, 4 14 PE 14, 14 14 PE 14, 14 14	Frequency
) dB/div	Ref Offset 1 Ref 0.00 d				Mkr		25 GHz 35 dBm	Auto Tune
99 0.0 0.0								Center Fred 4.875000000 GH:
εφ έφ έφ						∮ ²	1	Start Free 4.50000000 GH:
01) E(0) E(0)								Stop Free 5.250000000 GH
	00 GHz 1.0 MHz	#VB	W 100 Hz		Sweep	Stop 5. 5.85 s	2500 GHz (1001 pts)	CF Step 75,000000 MH
KR MODE TR		5.250 00 GHz 5.120 25 GHz	7 P. -63.58 dBm -63.35 dBm	INCTION FI	INCTION WIDTH	FUNCTI	ON VALUE	Auto Mar
3 4 6 6 7								Freq Offset 0 Hi
8								
3					STATUS	_		

Antenna D

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Conducted Bandedge Average, 5280 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3





Antenna A

	req 4.8750	00000 GHz	: Fast 😱	Trig: Free Run #Atten: 4 dB	Avg	Type: Log-Pwr	URI T	PM May 19, 2014 KCE 12, 24 KPE 12, 24 KPE 12, 24 KPE 12, 24 KPE 12, 24 KPE 12, 24 KPE 12, 2014	Frequency
0 dB/div	Ref Offset 1 Ref 0.00 d	3.64 dB IBm				Mkr		25 GHz 38 dBm	Auto Tune
10.0 20.0									Center Fre 4.875000000 GH
40,8 50,0 60,0								ei sport	Start Fre 4.500000000 GH
πιά έπο εινό									Stop Fre 5.250000000 GH
Start 4.50 #Res BW			#VBW	100 Hz		Sweep		.2500 GHz (1001 pts)	CF Ste 75.00000 MH
1 N	111	5.250 00 5.123 25	GHz	-61,47 dBm -63,38 dBm	FUNCTION	FUNCTION WIDTH	FUNCT	ON VALUE	Auto Ma
3456789									Freq Offse 0 H
10									

Antenna C



	eq 4.8750	000000 GHz PNO: Fast IFGain:Low	Trig: Free Run	Avg	Type: Log-Pwr	TRU	PMMay 19, 2014	Frequency
dB/div	Ref Offset 1 Ref 0.00 d				Mkr		25 GHz 13 dBm	Auto Tune
09 00 00								Center Free 4.875000000 GH:
εφ εφ εφ						\hat{Q}^2	1	Start Free 4.50000000 GH
0.1) E.O								Stop Free 5.250000000 GH
tart 4.50 Res BW		#VE	W 100 Hz		Sweep	Stop 5. 5.85 s	.2500 GHz (1001 pts)	CF Step 75.000000 MH
KR MODE TR		5.250 00 GHz	-61,30 dBm	INCTION	FUNCTION WIDTH	FUNCTI	ON VALUE	Auto Mar
2 N 1 3 4 5 6		5,120 25 GHz	-63,13 dBm					Freq Offse 0 H
7 8 9 0								
2					STATUS			-

Antenna D

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Conducted Bandedge Average, 5280 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1





Antenna A

Antenna B

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Conducted Bandedge Average, 5280 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1



		000000 GH	NO: Fast C	Trig: Free Run #Atten: 4 dB		Type: Log-Pwr	TRA	PMMay 19, 2014 CE 2 4 FE 2 4 F	Frequency
0 dB/div	Ref Offset Ref 0.00	13.64 dB dBm				Mkr		75 GHz 15 dBm	Auto Tune
0g 0,0 0,0 # 0									Center Freq 4.875000000 GHz
50								-0130 (24)	Start Freq 4.50000000 GHz
1011 150 150									Stop Freq 5.25000000 GHz
tart 4.50 Res BW			#VBV	V 100 Hz		Sweep	Stop 5. 5.85 s	2500 GHz (1001 pts)	CF Step 75,000000 MHz
KR MODE TR	17	5.250 0	0 GHz	-59.32 dBm	FUNCTION	FUNCTION WIDTH	FUNCTI	ON VALUE	Auto Man
2 N 1 3 4 5 6	ŕ	5.1217	5 GHz	-63,15 dBm					Freq Offset 0 Hz
7 8 9 10									
sa					_	STATUS	ii		-

Antenna A

Center F	req 4.87500		Trig: Free Run	Avg Type: Log-Pwr	109:13:49 PM May 19, 2014 TRACE 1 2 14 TYPE Det Physics 1011	Frequency
10 dB/div	Ref Offset 13 Ref 0.00 d			Mkr	2 5.121 75 GHz -63.10 dBm	
10.0 (10.0 (10.0) (10.0) (10.0)						Center Fred 4.875000000 GHz
49.8 80.0 60.0						Start Free 4.500000000 GH
700						Stop Free 5.250000000 GH
Start 4.50 #Res BW	1.0 MHz		W 100 Hz		Stop 5.2500 GHz 5.85 s (1001 pts)	
MKR MODE TP	IC SOL	5.250 00 GHz 5.121 75 GHz	-61,13 dBm -63,10 dBm	INCTION FUNCTION WIDTH	FUNCTION VALUE	MULO MAN
3466		0,12170 GH2	-00,10 0Bm			Freq Offse 0 H
7 8 9 10 11						
150				STATU	1	

Antenna C

Antenna B

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Conducted Bandedge Average, 5280 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1





Antenna A

enter F		000000 GHz PN0: Fast IFGain:Low	Trig: Free Run	Avg Type: Log-Pwr	09:44:42 PM May 19, 2014 TRACE 1 2 14 TYPE 20 DET 2 N 11 11 11	Frequency
0 dB/div	Ref Offset 1 Ref 0.00 c			Mkr	2 5.121 75 GHz -63.55 dBm	Auto Tune
10.0 20.0						Center Fred 4.875000000 GH
40,8 50,0 60,0						Start Free 4.50000000 GH
nuà èro euò						Stop Fre 5.250000000 GH
tart 4.50 Res BW		#VE	W 100 Hz	Sweep	Stop 5.2500 GHz 5.85 s (1001 pts)	CF Step 75,000000 MH
	1	× 5.250 00 GHz	-61.27 dBm	NCTION FUNCTION WIDTH	FUNCTION WALLE	Auto Ma
2 3 4 6 6		5,121 75 GHz	-63.55 dBm			Freq Offse 0 H
7 8 9 10 11 12						
50	-			STATUS		-

Antenna C



	req 4.87500		Trig: Free Run #Atten: 4 dB	Avg T	ype: Log-Pwr	TRU	PMMay 19, 2014	Frequency
0 dB/div	Ref Offset 13. Ref 0.00 de				Mkr		25 GHz 11 dBm	Auto Tune
0.0 0.0 1.0 1.0								Center Free 4.875000000 GH:
ες						2^2	ar úr an	Start Free 4.500000000 GH
0.0) 1.0 1.0								Stop Free 5.250000000 GH
tart 4.50 Res BW	00 GHz 1.0 MHz	#VB	N 100 Hz		Sweep	Stop 5. 5.85 s	2500 GHz (1001 pts)	CF Step 75.000000 MH
KR MODE TH		5.260 00 GHz	-61.97 dBm	UNCTION	FUNCTION WIDTH	FUNCTI	ONVALUE	Auto Mar
2 N 1 3 4 6 5		5.120 25 GHz	-63.11 dBm					Freq Offse 0 H
7								
2 					STATUS			

Antenna D

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Conducted Bandedge Average, 5310 MHz, Non HT/VHT40, 6 to 54 Mbps





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Conducted Bandedge Average, 5310 MHz, Non HT/VHT40, 6 to 54 Mbps



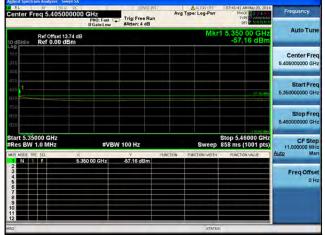
Avg Type: Log-P Frequency n 5 405 0 GHz Trig: Free Run Auto Tur Ref Offset 13.74 dB Ref 0.00 dBm Center Fre 5.405000000 GI Start Fre 5.36 Stop Fre 000000 G 1 5.35000 GHz s BW 1.0 MHz Stop 5.46000 GHz Sweep 858 ms (1001 pts) CF Ste #VBW 100 Hz Freq Offse

Antenna A

Antenna B

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Conducted Bandedge Average, 5310 MHz, Non HT/VHT40, 6 to 54 Mbps



RL #F 50 Q OC		SEMEE 397	ALICN OFF	07:45:41 AM May 20, 2014	Contraction of the local sector of the local s
Center Freq 5.40500000	PNO: Fast C	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	TRACE 2 4 6 C	Frequency
Ref Offset 13,74 dB dB/div Ref 0.00 dBm			Mkr	2 5.355 39 GHz -58.30 dBm	Auto Tune
0.0					Center Freq 5,405000000 GHz
m 1 2 0	M		Am Mar	-57 50 abre	Start Freq 5.36000000 GHz
0.0				100.000	Stop Fred 5.46000000 GH:
tart 5.35000 GHz Res BW 1.0 MHz	#VBW	100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MHs
	50 00 GHz 55 39 GHz	7 PU -57.80 dBm -58.30 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
3 4 5 5 6 7 7 8 9	00 39 012	-56.30 dBin			Freq Offsel 0 Hz

Antenna A

	RF 50.9		SVE UT	ALION OPE	07:49:21 AMMay 20, 2014	Frequency
Center F	req 5.40500	PNO: Fast C IFGain:Low	Trig: Free Run	Avg Type: Log-Pwr	TYPE DET PINNING	
10 dB/div	Ref Offset 13 Ref 0.00 d			Mk	1 5.350 00 GHz -56.67 dBm	Auto Tune
100						Center Fred 5.405000000 GHz
40,8 1500 1 600					95 9 5	Start Free 5.35000000 GHz
-711.0 -81.0 -91.0					31/20 00 (2004	Stop Free 5.46000000 GH:
Start 5.35 #Res BW		#VB	W 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MH:
MKR MODE TH		× 5,350 00 GHz	-56.67 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
23466						Freq Offset 0 Hz
7 8 9 10 11						
MSG				STATU	5	-

Antenna C

Antenna B

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Avg Type: Lon-Frequency O GHz PNO: Fast C Trig: Free Run Auto Tun Ref Offset 13.74 dB Ref 0.00 dBm Center Fre 5,40500000 G Start Fre 5.35 Stop Fre 000000 G CF Ste 11.000000 MM t 5.35000 GHz s BW 1.0 MHz Stop 5.46000 GHz Sweep 858 ms (1001 pts) Re #VBW 100 Hz Freq Offse



Antenna A

	eq 5.40500000		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	08:32:51 AM May 20, 2014 TRACE 12 4 TYPE 0 4 DET P 14 14 14	Frequency
10 dB/div	Ref Offset 13.74 d Ref 0.00 dBm	3		Mki	1 5.350 00 GHz -60.93 dBm	Auto Tun
10.0 20.0 20.0						Center Fre 5.405000000 GH
40.8 50.0 60.0					80.94 d a re	Start Fre 5.350000000 GH
714 ero 819					1700 44	Stop Fre 5.46000000 GH
Start 5.35 #Res BW		#VB	N 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Ste 11,000000 MH
MKR MODE TR		350 00 GHz	-60.93 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
23466						Freq Offse
7 8 9 10						
12						

Antenna C



nter Freq 5.405000			Avg T	Type: Log-Pwr	TF	AM May 20, 2014 ACE 1 DET PURCHAR	Frequency	
Ref Offset 13.7 dB/div: Ref 0.00 dB	'4 dB			Mkr		9 98 GHz .59 dBm	Auto Tune	
9 0 1							Center Freq 5.405000000 GHz	
6 0 1					$\hat{\chi}^2$	-8071 dbr	Start Freq 5.35000000 GHz	
0 0							Stop Freq 5.46000000 GHz	
art 5.35000 GHz les BW 1.0 MHz		V 100 Hz		Sweep	858 ms	46000 GHz (1001 pts)	CF Step 11,000000 MH: Auto Mar	
NOR TO SC	5.350 00 GHz 5.439 98 GHz	-60,71 dBm -62,59 dBm	UNCTION	FUNCTION WIDTH	FUNC	HON YALUE	Freq Offset 0 Hz	

Antenna D

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Conducted Bandedge Average, 5310 MHz, Non HT/VHT40, 6 to 54 Mbps



Conducted Bandedge Average, 5310 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1





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Conducted Bandedge Average, 5310 MHz, HT/VHT40, M0 to M7, M0.1 to M9.1



DOO GHZ PNO: Fast C Trig: Free Run #Atten: 4 dB Avg Type: Log-P Frequency an 5 4050 Auto Tur Ref Offset 13.74 dB Ref 0.00 dBm Center Fre 5.405000000 GI Start Fre 5.36 Stop Fre 000000 G 1 5.35000 GHz s BW 1.0 MHz Stop 5.46000 GHz Sweep 858 ms (1001 pts) CF Ste #VBW 100 Hz 5,350 00 Freq Offse

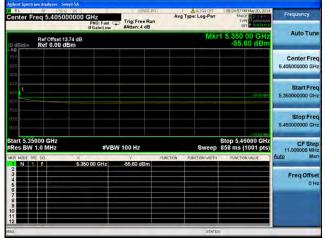
Antenna A

Antenna B

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Conducted Bandedge Average, 5310 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2



000 GHz PNO: Fast C Trig: Free Run #Atten: 4 dB Avg Type: Log-Pu Frequency a 5 4050 Auto Tur Ref Offset 13.74 dB Ref 0.00 dBm Center Fre 5.405000000 GI Start Fre 5.36 Stop Fre 000000 G tart 5.35000 GHz Res BW 1.0 MHz Stop 5.46000 GHz Sweep 858 ms (1001 pts) CF Ste #VBW 100 Hz 5,350 00 Freq Offse

Antenna A

Antenna B

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Conducted Bandedge Average, 5310 MHz, HT/VHT40, MO to M7, M0.1 to M9.1



SEH62.3VT	ALICN OFF	06:12:29 PM May 20, 2014	-
PNO; Fast C Trig: Free Run IFGain:Low #Atten: 4 dB	Avg Type: Log-Pwr	TRACE TYPE	Frequency
3	Mkr	1 5.350 00 GHz -58.04 dBm	Auto Tune
			Center Freq 5.405000000 GHz
		EX CO relation	Start Freq 5.36000000 GHz
			Stop Freq 6.46000000 GHz
	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MHz Auto Man
360 00 GHz68,04 dBm			Freq Offset 0 Hz
3	TGHZ PRO: feat Trig: Free Run BrGainsLow Anten: 4 dB	19 CH2 Trig:Free Run IFG.let.uw Avg Type: Log-Par Matter: 4 dB #VEW 100 Hz Sweep Y Parchow Sweep	IGHz PRO[Fast IFGalstw Trig:Free Run Rater: 4 dB Avg Type: Log-Pur Prof. Mkr1 5,350 00 GHz -59,04 dBm Wkr1 5,350 00 GHz -59,04 dBm Stop 5,46000 GHz Sweep 358 ms (1001 pbs) ¥VEW 100 Hz Sweep 358 ms (1001 pbs)

Antenna A

RL RF SD.Q DC		She wa	ALION OPE	06:16:07 PM May 20, 2014	Frequency
enter Freq 5.40500000	PNO: Fast C IFGain:Low	Trig: Free Run	Avg Type: Log-Pwr	TRACE 2345 TYPE COMMAND	rioquincy
Ref Offset 13,74 dB			Mkr	1 5.350 00 GHz -58.82 dBm	Auto Tune
00 00 00					Center Fred 5.405000000 GH:
08 dő 1				-13 (J) 4 <mark>7</mark> -	Start Free 5.35000000 GH
nà 20					Stop Fre 5.460000000 GH
tart 5.35000 GHz Res BW 1.0 MHz	#VB	W 100 Hz		Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MH
	50 00 GHz	-58.82 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
2 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4					Freq Offse 0 H
/ 9 0 1 2					
0		_	STATU		-

Antenna C

Antenna B

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Conducted Bandedge Average, 5310 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2



Center Freq 5.405000000	PNO: East C Tr	ig: Free Run	Avg Type: Log-Pwr	0557/51 PMMay 20, 2014 TRACE 12 4 LVPE DET P TONUTUR	Frequency
Ref Offset 13.74 dB 0 dB/div Ref 0.00 dBm			Mkr	1 5.350 00 GHz -56.57 dBm	Auto Tune
ອງ ອາຍຸ ສາມ					Center Free 5,405000000 GH:
80 p 20 p					Start Free 5.350000000 GH
000) 0 0 0 0				100.00	Stop Free 5.45000000 GH
tart 5.35000 GHz Res BW 1.0 MHz	#VBW 10	0 Hz	Sweep	Stop 5.46000 GHz	CF Step 11,000000 MH
		Y PUN 6.57 dBm	CTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
234444					Freq Offse 0 H

Antenna A

IFGain:Low	Atten: 4 dB	Avg Type: Log-Pwr	TRACE 2 24 50 TYPE N N N N N	
et 13,74 dB 0 dBm		Mkr	1 5.350 00 GHz -56.73 dBm	Auto Tune
				Center Fre 5,405000000 GH
			Million and	Start Free 5,350000000 GH
				Stop Fre 5.46000000 GH
#VB	W 100 Hz	Sweep	Stop 5.46000 GHz	CF Ste 11,000000 MH
× 5,350 00 GHz	Y FU -56,73 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma
				Freq Offse 0 H
	0 dBm #VB	0 dBm	0 dBm #VBW 100 Hz Sweep X Y Interior Puertow work	0 dBm

Antenna C

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Conducted Bandedge Average, 5310 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3



enter Fi		5000000 GH	10: Fast G	Trig: Free Ru #Atten: 4 dB	Av	g Type: Log-Pwr	05:57:51 PM May 20, 2014 TRACE 1 2 4 TVPE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Frequency
0 dB/div	Ref Offse Ref 0.00					Mkr	1 5.350 00 GHz -56.57 dBm	Auto Tune
0.0 0.0 0.0								Center Fred 5.405000000 GH:
800 800 <mark>1</mark> 800								Start Freq 5.36000000 GHz
(0.1) (1)							-1000-000	Stop Free 5.460000000 GH:
tart 5.35 Res BW	000 GHz 1.0 MHz		#VBV	V 100 Hz		Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MHz
KR HODE TH	IC SCL	∞ 5,350 0	GHz	-56.57 dBm	PUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
2 3 4 5 6 7 8 9								Freq Offset 0 Hz
2						STATU		

Antenna A

	req 5.40500		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	06:01:30 PM May 20, 2014 TRACE 2 4 TYPE 0 0000000000000000000000000000000000	Frequency
0 dB/div	Ref Offset 13 Ref 0.00 di			Mkr	1 5.350 00 GHz -56.73 dBm	Auto Tune
10.0 200						Center Free 5.405000000 GH
kaja salo 1 salo					M 77 da	Start Free 5.350000000 GH
nià iro suà						Stop Fre 5.46000000 GH
Start 5.35 Res BW	1.0 MHz	#VB	W 100 Hz		Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11.000000 MH
MKR MODE TR		× 5,350 00 GHz	-56,73 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
23456						Freq Offse 0 H
7 8 9 10						
12 				STATU		

Antenna C

Antenna B

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Conducted Bandedge Average, 5310 MHz, HT/VHT40, Mo to M7, M0.1 to M9.1





Antenna A

enter Fr	eq 5.40500000	PNO: Fast	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	06:59:57 PM May 20, 2014 TRACE 1 2 4 TYPE 0 44444 DET P 14 44444	Frequency
0 dB/div	Ref Offset 13.74 dE Ref 0.00 dBm			Mki	1 5.350 00 GHz -61.12 dBm	Auto Tune
10.0 juji 200						Center Fre 5,405000000 GH
40,8 50,0 60,0					@112-20	Start Fre 5,350000000 GH
mia 69.0					100.00	Stop Fre 5.46000000 GH
Res BW		#VB	W 100 Hz	Sweep	Stop 5.46000 GHz	CF Ste 11,000000 MH
KR MODE TRO		350 00 GHz	-61.12 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
23466						Freq Offse 0 H
7 8 9 10						
12						

Antenna C



enter Freq 5.40500000	PNO: Fast 😱	Trig: Free Run	Avg Type: Log	-Pwr TF	SPMMay 20, 2014	Frequency
Ref Offset 13,74 dE	IFGain:Low	#Atten: 4 dB		Mkr2 5.43		Auto Tune
00						Center Fred 5.405000000 GH:
2.5 10 1				<u>ک</u>	-8025 (Br)	Start Free 5,35000000 GH2
00) RÓ RO						Stop Free 5.46000000 GH
tart 5.35000 GHz Res BW 1.0 MHz	#VBW	100 Hz	Sv	Stop 5. /eep 858 ms	46000 GHz (1001 pts)	CF Step 11,000000 MH
2 N 1 F 5, 3	350 00 GHz 439 98 GHz	-60.29 dBm -62.66 dBm	INCTION FUNCTION	WIDTH FUNC	FION VALUE	Auto Mar Freq Offse
4 6 7 7 8 9 0						οH

Antenna D

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Conducted Bandedge Average, 5310 MHz, HT/VHT40, M8 to M15, M0.2 to M9.2







Center F	req 5.40500000		Trig: Free Run #Atten: 4 dB	Avg Type: Log		Frequency
I0 dB/div	Ref Offset 13.74 dB Ref 0.00 dBm				Mkr1 5.350 00 GH -58.82 dB	
09 100 200						Center Freq 5.405000000 GHz
40.8 50.0 (1 60.0					-58 62 4	Start Freq 5,36000000 GHz
71.0 60.0 91.0						Stop Freq 5.46000000 GHz
	000 GHz 1.0 MHz	#VB	W 100 Hz	SW FUNCTION FUNCTION	Stop 5.46000 G veep 858 ms (1001 p	HZ CE Stan
1 N 2 3 4 6 6		350 00 GHz	-59.82 dBm			Freq Offset 0 Hz
7 8 9 10						

Antenna C



nter Freq 5.40500000		Trig: Free Run	Avg Type: Log-Pwr	06:19:46 PM May 20, 2014 TRACE TVPE	Frequency
Ref Offset 13,74 di dB/div Ref 0.00 dBm			Mk	r1 5.350 00 GHz -56.38 dBm	Auto Tune
9 0 0					Center Free 5.405000000 GH:
0 0				-13 29 404	Start Free 5,350000000 GH
0					Stop Free 5.460000000 GH
art 5.35000 GHz es BW 1.0 MHz	#VBW		Sweep		
	350 00 GHz	-56.38 dBm			Freq Offse

Antenna D

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Conducted Bandedge Average, 5310 MHz, HT/VHT40, M16 to M23, M0.3 to M9.3





Antenna A

	req 5.405000000		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	06:16:07 PM May 20, 2014 TRACE 12 4 TYPE 24 DET PROTOTOTO	Frequency
0 dB/div	Ref Offset 13.74 dB Ref 0.00 dBm			Mkr	1 5.350 00 GHz -58.82 dBm	Auto Tune
10.0 21.0 21.0						Center Fre 5.405000000 GH
48,8 50,0 1 50,0					.53 (2) 4 5 +	Start Fre 5.350000000 GH
nià 600					1000	Stop Fre 5.46000000 GH
Start 5.35 Res BW	1.0 MHz	#VBW	100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Ste 11.000000 MH
AKR MODE TR		50 00 GHz	-58.82 dBm	NCTION FUNCTION WIDTH	FUNCTION YALVE	Auto Ma
23456						Freq Offse 0 H
7 8 9 10						
12						

Antenna C



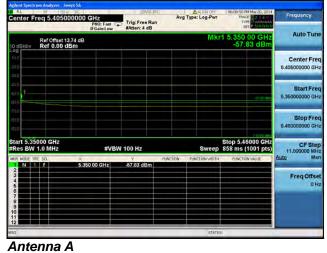
and State C State	cy
Ref Offset 13.74 dB Mkr1 5.350 00 GHz Auto Ref 0.00 dBm -56.38 dBm	Tune
Cente 5.4050000	
5.3500000	tFree 00 GH
5.460000	p Free
.0 MHz #VBW 100 Hz Sweep 858 ms (1001 pts) 11,0000	
SQ. × γ Ρυκτιών Πακτιών νώστι Πακτιών ναμε 7 5.550 00 GHz 5538 dBm	Offset 0 Hz

Antenna D

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Conducted Bandedge Average, 5310 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1



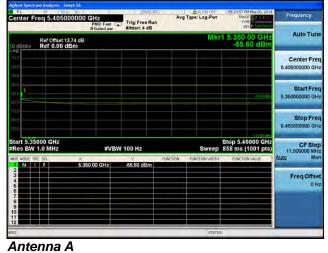
AL AF SDQ OC		TVE:SENIZE	ALICN OF	06:12:29 PM May 20, 2014	Frequency
enter Freq 5.40500000	PNO: Fast	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	TRACE TO THE DEST	
Ref Offset 13.74 dE			Mk	r1 5.350 00 GHz -58.04 dBm	Auto Tune
og noj nuy					Center Fred 5,405000000 GHa
00 <mark>1</mark>				54.00 day	Start Fred 5.350000000 GH:
100				1000-0-0	Stop Free 5.460000000 GH2
tart 5.35000 GHz Res BW 1.0 MHz	#VBW	100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MH
	350 00 GHz	7 P	INCTION FUNCTION WIDTH	PUNCTION VALUE	Auto Mar
2346678990					Freq Offsel 0 Hz
11 12			STAT	5)	

Antenna B

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Conducted Bandedge Average, 5310 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna B

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Conducted Bandedge Average, 5310 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1



RL	MF 50 9		SEN68-397	ALICN OFF	07:10:55 PM May 20, 2014	Frequency
enter Fr	'eq 5.4050	PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr	TRACE	Frequency
dB/div	Ref Offset 13 Ref 0.00 d	3.74 dB		Mkr	1 5.350 00 GHz -61.46 dBm	Auto Tune
99 0.0 0.0 0.0						Center Fred 5,405000000 GH:
					ni 40 area	Start Free 5.350000000 GH
01) II Ú II Ø						Stop Free 5.46000000 GH
Res BW		#VE	W 100 Hz		Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MH
KR HODE TR		5,350 00 GHz	-61.46 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
2346678990012						Freq Offse 0 H

Antenna B

Antenna A

	req 5.40500000		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	07:14:34 PM May 20, 2014 TRACE 2 4 TYPE 000000000000000000000000000000000000	Frequency Auto Tune		
10 dB/div	Ref Offset 13.74 d Ref 0.00 dBm	в		Mkr	Mkr1 5.350 00 GHz -60.94 dBm			
10.0 (10.0 (10.0) (10.0						Center Free 5,405000000 GH		
40.8 61.0 61.0					50.94 29	Start Free 5,350000000 GH		
-70.0 -80.0 -80.0						Stop Free 5.460000000 GH		
Start 5.35 #Res BW	1.0 MHz	#VBW		Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Ster 11,000000 MH Auto Mar		
MKR MODE TR		350 00 GHz	-60.94 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE			
4 6 6 7 8						Freq Offse 0 H		
9 10								

Antenna C

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Conducted Bandedge Average, 5310 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2



	req 5.40500		Trig: Free Run	Avg Type: Log-Pwr	06:27:05 PM May 20, 2014 TRACE 1 2 4 5 6 Type Det P 0 M/771	Frequency
0 dB/div	Ref Offset 13. Ref 0.00 dE	74 dB	WALLETL & UD	Mkr	1 5.350 00 GHz -58.40 dBm	Auto Tune
0g 0.0 0.0						Center Fred 5,405000000 GH:
070 0.0 1 — 2.0					-57.4D r@m	Start Fred 5.350000000 GH:
0.0) E Q						Stop Free 5,46000000 GH
Res BW		#VB\	W 100 Hz		Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MHs Auto Mar
1		5,350 00 GHz	Υ (PU -59,40 dBm	PUNCTION WOTH	FUNCTION VALUE	<u>Auto</u> Mar Freq Offse 0 H;
10 11 12				STATIC		

Antenna A

	req 5.405000000		Trig: Free Run #Atten: 4 dB	Avg Type:	Ligy off	106:30:43 PM May 20, 2014 TRACE 12 24 TYPE DOT P NOT NOT	Frequency
10 dB/div	Ref Offset 13.74 dB Ref 0.00 dBm				Mkr	1 5.350 00 GHz -59.03 dBm	Auto Tune
09 (00 200							Center Free 5.405000000 GH
40,8 50,0 80,0						-50 (0 KB)-	Start Fre 5,35000000 GH
71.0 60.0 910						31/0 M (Per	Stop Fre 5.46000000 GH
Start 5.35 Res BW		#VBV	V 100 Hz		Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Ste 11,000000 MH Auto Ma
1 N 2 3		350 00 GHz	-59.03 dBm	UNCTION FORCE	1014 1410111	FUNCTION VALUE	FreqOffse
4 6 7 8 9 10							0H
12					STATUS		-

Antenna C

Antenna B

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Conducted Bandedge Average, 5310 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3



	WF 50 Q		SEM62:3V1	ALICN OFF	05:57:51 PM May 20, 2014 TRACE	Frequency	
Center Freq 5.405000000 GHz		Trig: Free Run	Avg Type: Log-Pwr rig: Free Run Atten: 4 dB		Frequency		
0 dB/div	Ref Offset 13. Ref 0.00 dE	74 dB		Mkr1 5.350 00 GHz -56.57 dBm			
09 0.0 0.0 0.0						Center Fred 5,405000000 GHz	
100 100 200						Start Fred 5.350000000 GH:	
0.1) II () II ()					10004	Stop Free 5.450000000 GH	
tart 5.35 Res BW	000 GHz 1.0 MHz	#VBV	V 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MH	
KR MODE TR		∞ 5.350 00 GHz	-56.57 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar	
2 3 4 5 6 7 8 9						Freq Offsel 0 Hz	
0							
sa -				STATUS	5)		

Antenna A

	req 5.405000		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	06:01:30 PM May 20, 2014 TRACE 12 4 TYPE 0 444444 DET P 14 14 444	Frequency Auto Tune		
0 dB/div								
10.0 20.0 20.0						Center Free 5.405000000 GH		
40.8 50.0 60.0					M.D.de	Start Free 5.350000000 GH		
nià iro suà						Stop Fre 5.46000000 GH		
Start 5.35 #Res BW	1.0 MHz	#VBI	V 100 Hz		Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11.000000 MH		
MKR MODE TP		× 5,350 00 GHz	-56.73 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma		
23466						Freq Offse 0 H		
7 8 9 10 11								
12		_		STATU				

Antenna C

Antenna B

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Conducted Bandedge Average, 5310 MHz, HT/VHT40 Beam Forming, M0 to M7, M0.1 to M9.1





Antenna A

	req 5.40500000		Trig: Free Run #Atten: 4 dB	Avg Type	Log-Pwr	07:43:47 PM May 20, 2 TRACE 22 T TYPE DOT DOT DOT DOT DOT	Frequency
0 dB/div	Ref Offset 13.74 dB Ref 0.00 dBm				Mkr	1 5.350 00 GH -63.29 dB	
000							Center Fre 5,405000000 GH
40 8 50 9 1							Start Fre 5,350000000 GH
nià arà arà arà						3300	Stop Fre 5.45000000 GH
tart 5.35 Res BW	000 GHz 1.0 MHz	#VB	N 100 Hz		Sweep	Stop 5.46000 GI 858 ms (1001 pi	
MAR MODE TR		350 00 GHz	Y -63,29 dBm	FUNCTION FUN	CTION WIDTH	FUNCTION VALUE	Auto Ma
23466							Freq Offse 0 H
7 8 9 10							
12 1		-	_	_	STATUS		

Antenna C



Frequency	SPM May 20, 2014 SACE CONTRACTOR	TRU	Type: Log-Pwr	Avg	Trig: Free Run #Atten: 4 dB	GHZ PNO: Fast	405000000					
	Mkr2 5.439 98 GHz -62.83 dBm					Ref Offset 13.74 dB 0 dB/div Ref 0.00 dBm						
Center Freq 5.405000000 GHz												
Start Freq 5.360000000 GHz	41 W 280	¢²							1			
Stop Fred 5.460000000 GH2												
	46000 GHz (1001 pts)		Sweep		100 Hz	#VBW		5000 (1.0 N				
Auto Mar	TION VALUE	FUNCTI	FUNCTION WIDTH	FUNCTION	-61.92 dBm	0 00 GHz		1 1	MODE, 1			
Freq Offset 0 Hi					-62,83 dBm	89 98 GHz	5,43		N			

Antenna D

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Conducted Bandedge Average, 5310 MHz, HT/VHT40 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna A

	req 5.40500000		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	06:59:57 PM May 20, 2014 TRACE 2 4 TYPE 0 44444 DET P 14 14 14	Frequency
0 dB/div	Ref Offset 13.74 dB Ref 0.00 dBm			Mki	1 5.350 00 GHz -61.12 dBm	Auto Tune
10.0 20.0 20.0						Center Fre 5.405000000 GH
40,8 50,0 60,0					@1.12:69:	Start Fre 5,350000000 GH
nuà 60.0 90.0						Stop Fre 5.46000000 GH
Res BW		#VB	W 100 Hz		Stop 5.46000 GHz 858 ms (1001 pts)	CF Ste 11.000000 MH Auto Ma
1 N 1		50 00 GHz	-61.12 dBm	UNCTION PUNCTION WIDTH	FUNCTION VALUE	Auto Ma
3466						Freq Offse 0 H
7 8 9 10						
12 12 1				STATU		

Antenna C



enter Freg 5.40		SEMIE INT	Avs	Type: Log-Pwr	TR	EPMMay 20, 2014	Frequency
oritor in de ovre	PNO: Fast G	Trig: Free Run #Atten: 4 dB	Trig: Free Run #Atten: 4 dB		DET P 11 NOT 1		
Ref Offs dB/div Ref 0.0	9 98 GHz 2.66 dBm	Auto Tune					
0g 00 00							Center Free 5.405000000 GH
8.9 10 1					¢²	-82.8-	Start Free 5.35000000 GH:
01) RÓ RO							Stop Free 5.460000000 GH
tart 5.35000 GHz Res BW 1.0 MHz		100 Hz		Sweep	Stop 5. 858 ms	46000 GHz (1001 pts)	CF Step 11,000000 MH
KR HODE THE SEL	5.350 00 GHz	-60.29 dBm	UNCTION	FUNCTION WIDTH	FUNCTION VALUE		Auto Mar
2 N 1 F 3 4 5	5.439 98 GHz	-52.66 dBm					Freq Offse
6 7 8 9 0 1							

Antenna D

Page No: 571 of 603

Conducted Bandedge Average, 5310 MHz, HT/VHT40 Beam Forming, M16 to M23, M0.3 to M9.3





Antenna A

	req 5.40500000		Trig: Free Run #Atten: 4 dB	Avg Type: Log	PWT TRACE	2 4 Frequency
0 dB/div	Ref Offset 13.74 di Ref 0.00 dBm	3			Mkr1 5.350 00 -59.03	
000						Center Fre 5.405000000 GH
40,8 50,0 60,0						Start Fre 5.350000000 GH
71.0 60.0 91.9						Stop Fre 5.460000000 GH
Start 5.35 Res BW		#VB	W 100 Hz	Sw	Stop 5.4600 reep 858 ms (10	00 GHz CF Ste 01 pts) 11,000000 MH
MKR MODE TR		350 00 GHz	-59.03 dBm	FUNCTION FUNCTION	WIDTH FUNCTION W	Auto Ma
23466						Freq Offse 0 H
7 8 9 10						
12					STATUS	

Antenna C



		Trig: Free Run	Avg Type: Log-Pwr		06/34/22 PM May 20, 201- TRACE 12 C TVPE PLANNING		Frequency	
dB/div	Ref Offset 1 Ref 0.00 (Mkr		9 87 GHz 2.57 dBm	Auto Tune
09 00 00								Center Fred 5.405000000 GHz
2.6 2.0 1 2.0						$\hat{\chi}^2$.91.29 (Bir	Start Fred 5.350000000 GH2
01) II () II ()								Stop Free 5.460000000 GH
tart 5.35 Res BW		#VE	3W 100 Hz		Sweep	Stop 5. 858 ms	46000 GHz (1001 pts)	CF Step 11,000000 MH
KR HODE TR	7	5.350 00 GHz	-58.39 dBm	FUNCTION	FUNCTION WIDTH	FUNC	FION VALUE	Auto Mar
2 N 1 3 4 6	1	5.439 87 GHz	-62.57 dBm					Freq Offse 0 H
7 8 9 0								
2					STATU			

Antenna D

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Conducted Bandedge Average, 5310 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1





Antenna A

Antenna B

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Conducted Bandedge Average, 5310 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1



enter Freq 5.4050000		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	05:57:51 PMMay 20, 2014 TRACE 12 24 5 TVPE 5 DET P TUN/1714	Frequency
Ref Offset 13.74 dB/div Ref 0.00 dBm	dB		Mki	1 5.350 00 GHz -56.57 dBm	Auto Tune
99 nộ 0.0					Center Free 5,405000000 GH:
n				-19.57 (Dr.	Start Free 5.35000000 GH
00) 10				st000 albo	Stop Free 5,46000000 GH
tart 5.35000 GHz Res BW 1.0 MHz	#VBW	100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MHz Auto Mar
N 1 F 334 4 5 5 6 6 7 7 8 9 9 0 0	5,360 00 GHz	-56.57 dBm			Freq Offset 0 Hz
3			STATU	5)	-

Antenna A

	req 5.40500		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	06:01:30 PM May 20, 2014 TRACE 2 4 TYPE 000000000000000000000000000000000000	Frequency
0 dB/div	Ref Offset 13 Ref 0.00 d			Mkr	1 5.350 00 GHz -56.73 dBm	Auto Tune
10.0 20.0 20.0						Center Free 5.405000000 GH
40,8 500 <mark>1</mark> 600 —					47) 4	Start Fre 5.350000000 GH
7114 81.0 81.9						Stop Fre 5.46000000 GH
Start 5.35 #Res BW		#VB	W 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Ste 11,000000 MH
MKR MODE TR		× 5,350 00 GHz	-56.73 dBm	FUNCTION FUNCTION WIDTH	FUNCTION WALLIE	Auto Mar
23466						Freq Offse 0 H
7 8 9 10 11						
12				STATU		-

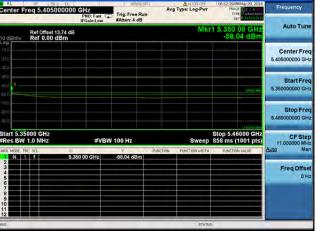
Antenna C

Antenna B

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Conducted Bandedge Average, 5310 MHz, HT/VHT40 STBC, M0 to M7, M0.1 to M9.1





Antenna A

RL Center F	req 5.405000000	PNO: Fast	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	06:16:07 PM May 20, 2014 TRACE 2 4 TYPE 0 44444 DET P 14 04 14	Frequency
og (Ref Offset 13.74 dB Ref 0.00 dBm			Mk	1 5.350 00 GHz -58.82 dBm	Auto Tun
000						Center Fre 5.405000000 GH
40,8 50,0 1 60,0					-10 (D d)-	Start Fre 5,35000000 GH
711.00 60.00 60.00 60.00					1300.00	Stop Fre 5.46000000 GH
tart 5.35 Res BW	000 GHz 1.0 MHz	#VB	V 100 Hz	Sweep	Stop 5.46000 GHz	CF Ste 11,000000 MH
KR MODE TR		50 00 GHz	-58.82 dBm	UNCTION FUNCTION WIDTH	FUNCTION WALLIE	Auto Ma
23466						Freq Offse 0 H
7 8 9 10						
12 			_	STATU		

Antenna C



	5.40500	100000 GHz PNO: Fast IFGain:Low	Trig: Free Run #Atten: 4 dB	Avg	Type: Log-Pwr	06:19:46 PMMay 20, 20: TRACE	Frequency
dB/div R	ef Offset 13 ef 0.00 di				Mkr	1 5.350 00 GH -56.38 dBn	
9 0 0							Center Free 5.405000000 GH
1						-16 3 @	Start Fre 5,350000000 GH
0 0 0							Stop Fre 5.460000000 GH
art 5.35000 les BW 1.0	MHz	#VE	W 100 Hz	PUNCTION	Sweep	Stop 5.46000 GH 858 ms (1001 pts	CF Ste 11,000000 MH Auto Ma
		5.350 00 GHz	-56.38 dBm				Freq Offse 0 H

Antenna D

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Conducted Bandedge Average, 5320 MHz, Non HT/VHT20, 6 to 54 Mbps

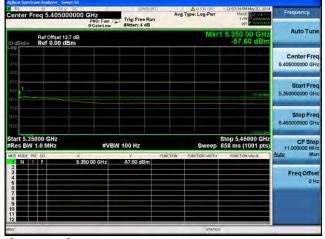




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Conducted Bandedge Average, 5320 MHz, Non HT/VHT20, 6 to 54 Mbps



Center Freq 5.40500	00000 GHz PNO: Fast C	Trig: Free Run	Avg Type: Log-Pwr	11:57:13PMMay 20, 2014 TRACE 20, 2014 TVPE	Frequency
Ref Offset 13.	7 dB	satten: 4 db	Mki	2 5.392 57 GHz -61.47 dBm	Auto Tune
.0g (h)i 200					Center Free 5,405000000 GH:
		\diamond^2		38 \$3 alm	Start Free 5.350000000 GH
70.0 40.0 40.0					Stop Fre 6.460000000 GH
Start 5.35000 GHz Res BW 1.0 MHz	#VB	W 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11.000000 MH Auto Mai
with whole, The St. 1 N. 1 3 4 5 7 8 9 10 11 22	5.350 00 GHz 5.392 57 GHz	Y 08 5893 dBm -61.47 dBm	PUNCTION PUNCTION WIDTH	PUNCTION VALUE	Auto Mar Freq Offse 0 H

Antenna A

Antenna B

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Conducted Bandedge Average, 5320 MHz, Non HT/VHT20, 6 to 54 Mbps



			TVE: EN/28	ALION OFF	12:41:02 AM May 21, 2014	
Center Freq	5.4050000	PNO: Fast C	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	TRACE 12 4 50 TYPE MULTURE DET P 11 NUT 14	Frequency
o dB/div Re	f Offset 13.7 de f 0.00 dBm	3		Mkr	1 5.350 00 GHz -59.61 dBm	Auto Tune
0g (h j) 20,0 						Center Freq 5.405000000 GHz
876 806 4 1					8451 @m.	Start Freq 5.350000000 GHz
1010 1010 1010					stram she	Stop Freq 5.46000000 GHz
tart 5.35000 Res BW 1.0	MHz	#VBV	/ 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11.000000 MHz Auto Mar
1 N 1 T 2 3 4 6 6 6 7 8 9 9 10		5.350 00 GHz	-59.61 dBm			Freq Offset 0 Hz
a.				STATU		

Antenna A

	req 5.40500000		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	12:44:42 AM May 21, 2014 TRACE 12 14 TYPE DIMONSTRACE DET P TO TO TO TO	Frequency
10 dB/div	Ref Offset 13.7 dB Ref 0.00 dBm			Mkr	1 5.350 00 GHz -59.80 dBm	Auto Tune
10.0 20.0						Center Fre 5,405000000 GH
40,8 50,0 50,0					-50 (D dP)	Start Fre 5.350000000 GH
71.0 ero 910						Stop Fre 5.46000000 GH
Start 5.35 #Res BW	1.0 MHz	#VBV	V 100 Hz		Stop 5.46000 GHz 858 ms (1001 pts)	CF Ste 11.000000 MH
MKR MODE TP		350 00 GHz	-59.80 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
234667						Freq Offse 0 H
8 9 10 11						
150				STATU	5	,

Antenna C

Antenna B

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Avg Type: Log-Frequency 0 GHZ PNO: Fast Trig: Free Run Auto Tun Ref Offset 13.7 dB Ref 0.00 dBm 5.353 85 0 -64.31 d Center Free 5,40500000 G Start Fre 5.35 Stop Fre 0000000 Gi CF Ste 11,000000 MH t 5.35000 GHz s BW 1.0 MHz Stop 5.46000 GHz Sweep 858 ms (1001 pts) #VBW 100 Hz 5.350 00 GHz 5.353 85 GHz -65.31 dBm -64.31 dBm Freq Offset



Antenna A

RL Center F		000000 GHz PNO: Fast IFGain:Low	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	01/28/27 AM May 21, 2014 TRACE 12 14 TYPE 5 AMMAN AND A TYPE 5 AMMAN AND AND AND AND AND AND AND AND AND A	Frequency
10 dB/div	Ref Offset Ref 0.00			Mk	2 5.397 85 GHz -67.10 dBm	Auto Tun
000 200						Center Fre 5,405000000 GH
40,8 50,0 60,0 1					342.49	Start Fre 5,35000000 G
mià erò euò						Stop Fr 5.46000000 G
start 5.35 Res BW		#VE	W 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Ste 11,000000 M
	11	× 5,350 00 GHz	-64,34 dBm	UNCTION FUNCTION WIDTH	FUNCTION WALVE	Auto M
3 4 6	1	5.397 85 GHz	-67.10 dBm			Freq Offs
6 7 8 9 10 11						
12						

Antenna C



nter Freq 5.405000	0000 GHz PNO: Fast C+ IFGain:Low	Trig: Free Run		Type: Log-Pwr	01:34:11 AM May 21, 201 TRACE TO THE TWO THE TOTAL	Frequency
Ref Offset 13.7 dB/div Ref 0.00 dB	dB. m			Mkr	2 5.354 29 GH: -62.48 dBn	
9 19 10						Center Freq 5.405000000 GHz
0 0 1 2						Start Free 5.35000000 GHz
0	wi_nhimmen		www./Wet.A	mm		Stop Free 5.460000000 GH
art 5.35000 GHz les BW 1.0 MHz	#VBW	100 Hz		Sweep	Stop 5.46000 GH 858 ms (1001 pts	11,000000 MH
R MODE TRC SCL	5.350 00 GHz 5.354 29 GHz	-62.64 dBm -62.48 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Men Freq Offset 0 Hz

Antenna D

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Conducted Bandedge Average, 5320 MHz, Non HT/VHT20, 6 to 54 Mbps

Avg Type: Log-

PNO: Fast Trig: Free Run

#VBW 100 Hz



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Conducted Bandedge Average, 5320 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps

57.60

Stop 5.46000 GHz Sweep 858 ms (1001 pts) Frequency

Auto Tun

Center Free

Start Fre

Stop Fre

000000 G

CF Ste 11.000000 MH

Freq Offse

5,40500000 G

5.35

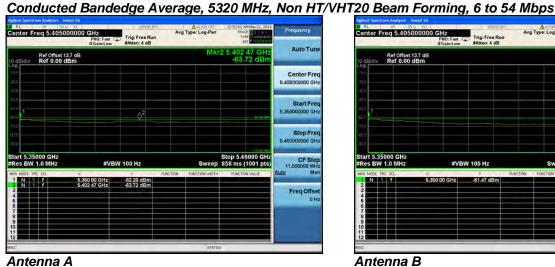


Start 5.35000 GHz Res BW 1.0 MHz

Ref Offset 13.7 dB Ref 0.00 dBm

Antenna B

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Avg Type: Log-Pw Frequency eg 5 4050 PNO: Fast C Trig: Free Run #Atten: 4 dB Auto Tur Ref Offset 13.7 dB Ref 0.00 dBm 350 00 61.47 Center Fre 5.405000000 GI Start Fre 5.36 Stop Fre 000000 G tart 5.35000 GHz Res BW 1.0 MHz Stop 5.46000 GHz Sweep 858 ms (1001 pts) CF Ste #VBW 100 Hz 61.47 Freq Offse

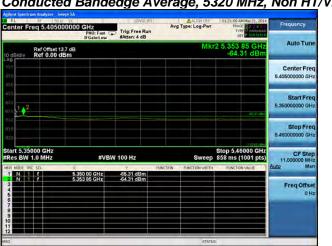
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Antenna C

Antenna B

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Antenna A

Center F	req 5.405000		Trig: Free Run #Atten: 4 dB		ALIGN OPE	01/29/27 AM May 21, 2014 TRACE 12 14 TYPE DOT P NOTICITY	Frequency
10 dB/div	Ref Offset 13.7 Ref 0.00 dBr				Mkr	2 5.397 85 GHz -67.10 dBm	Auto Tune
10.0 (10.0 (10.0 (10.0)							Center Fre 5,405000000 GH
40,8 60,0 60,0			\$ ²			342.49	Start Fre 5,350000000 GH
71.4 eré 91.9						1300	Stop Fre 5.460000000 GH
start 5.35 Res BW	000 GHz 1.0 MHz	#VBI	N 100 Hz		Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Ste 11.000000 MH
MKR MODE TH	111	× 5,350 00 GHz 5,397 85 GHz	-64.34 dBm -67.10 dBm	PUNCTION PUN	CTION WIDTH	FUNCTION VALUE	Auto Ma
3466		0.007 00 0112	57.10 GDm				Freq Offse 0 H
7 8 9 10 11							
50					STATUS	5	-

Antenna C



nter Freq 5.40500	DOODO GHZ PNO: Fast C, IFGain:Low	Trig: Free Run	Avg Type: Log-P	WT TRACE TO AN UNIVERSITY OF TRACE	Frequency
Ref Offset 13 dB/div Ref 0.00 dl	17 dB Bm		N	lkr2 5.354 29 GHz -62.48 dBm	
					Center Fred 5.405000000 GHz
0 1 2				-1714 etc.	Start Free 5.350000000 GH
0		tan an a	www.weend	and sharen www.	Stop Fre 5.460000000 GH
art 5.35000 GHz es BW 1.0 MHz	#VBV	V 100 Hz	Swe	Stop 5.46000 GHz ep 858 ms (1001 pts)	11,000000 MH
NOT THE SEL	5.350 00 GHz 5.354 29 GHz	-62.64 dBm -62.48 dBm	FUNCTION FUNCTION WI	FUNCTION VALUE	Auto Mar Freq Offse D H:

Antenna D

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Conducted Bandedge Average, 5320 MHz, Non HT/VHT20 Beam Forming, 6 to 54 Mbps



Conducted Bandedge Average, 5320 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1



Antenna A

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Conducted Bandedge Average, 5320 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1



000 GHz PNO: Fast C Trig: Free Run Atten: 4 dB Avg Type: Log-P Frequency ed 5 40500 Auto Tur Ref Offset 13.7 dB Ref 0.00 dBm Center Fre 5.405000000 GI Start Fre 5.36 Stop Fre 000000 G 1 5.35000 GHz s BW 1.0 MHz Stop 5.46000 GHz Sweep 858 ms (1001 pts) CF Ste #VBW 100 Hz 5,350 00 57.89 Freq Offse

Antenna A

Antenna B

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Conducted Bandedge Average, 5320 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2



000 GHZ PNO: Fast C Trig: Free Run #Atten: 4 dB Avg Type: Log-Pu Frequency ad 5 40500 Auto Tur Ref Offset 13.7 dB Ref 0.00 dBm Center Fre 5.40500000 G Start Fre 5.36 Stop Fre 000000 G t 5.35000 GH Stop 5.46000 GHz Sweep 858 ms (1001 pts) CF Ste #VBW 100 Hz -55.20 dBn -60.63 dBn 5.350 00 GHz 5.456 59 GHz Freq Offse

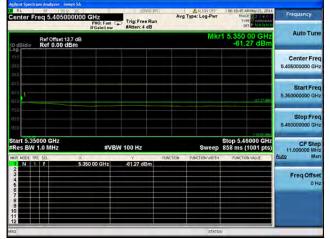
Antenna A

Antenna B

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Conducted Bandedge Average, 5320 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1



enter Freq 5.40500000	PNO; Fast C	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pu		Frequency
Ref Offset 13,7 dB. Ref 0.00 dBm			M	kr2 5.392 90 GHz -62.67 dBm	Auto Tune
no 10 10					Center Freq 5.405000000 GHz
	♦	2		-F(] 70 (Rm)	Start Fred 5.350000000 GH:
000 (E Ú				100.00	Stop Freq 6.46000000 GHz
tart 5.35000 GHz Res BW 1.0 MHz	#VBW	100 Hz	Swee	Stop 5.46000 GHz p 858 ms (1001 pts)	CF Step 11,000000 MHz
KR HODE THE SEL	350 00 GHz	-60,78 dBm	PUNCTION FUNCTION WID	TH FUNCTION VALUE	Auto Man
3 4 5 6 6	392 90 GHz	-62.67 dBm			Freq Offset 0 Hz
8 9 0 1 2					

Antenna B

Antenna A	
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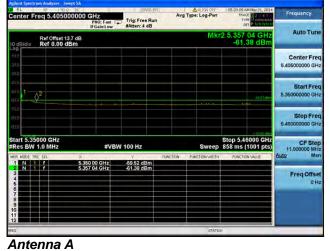
	req 5.40500000		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	06:26:05 AM May 21, 2014 TRACE 12 14 TYPE 0 10000000000000000000000000000000000	Frequency
10 dB/div	Ref Offset 13.7 dB Ref 0.00 dBm			Mkr	1 5.350 00 GHz -61.63 dBm	Auto Tune
200						Center Fre 5,405000000 GH
49.8 :50.0 :60.0					5 D 40	Start Free 5,350000000 GH
-711.0						Stop Fre 5.46000000 GH
Start 5.35 #Res BW		#VB	N 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MH
MKR MODE TR		350 00 GHz	-61.63 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
23466						Freq Offse 0 H
7 8 9 10 11						
ASQ.				STATU	5	-

Antenna C

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Conducted Bandedge Average, 5320 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2



Frequency	
24	TRACE 2 4 5 C
Auto Tune	1 5.350 00 GHz -57.89 dBm
Center Freq 5.405000000 GHz	
Start Freq 5.35000000 GHz	\$7 19 AD 1
Stop Freq 5.46000000 GHz	1000-000
	Stop 5.46000 GHz 858 ms (1001 pts)
Freq Offset	TOTO TOTO DOL
	STATUS

	eq 5.4050000		Trig: Free Run #Atten: 4 dB	Avg Type	Log-Pwr	TYPE	PNUNUN	Frequency
10 dB/div	Ref Offset 13.7 d Ref 0.00 dBm				Mkr	1 5.350 0 -58.5	0 GHz 5 dBm	Auto Tune
00								Center Freq 5.405000000 GHz
48.8 50.0 1 60.0							9.53	Start Freq 5,35000000 GHz
70.0 80.0 90.0 90.0								Stop Freq 5.46000000 GHz
Start 5.35 Res BW		#VB	W 100 Hz		Sweep	Stop 5.460 858 ms (1		CF Step 11,000000 MHz
MKR MODE TR		× 5,350 00 GHz	√ -58.55 dBm	FUNCTION FUN	CTION WIDTH	FUNCTION	VALUE	Auto Man
23466								Freq Offset 0 Hz
7 8 9 10 11								
12					STATUS	5	_	-

Antenna C

Antenna B

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Conducted Bandedge Average, 5320 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3



enter Freq 5.40500000	CHZ PN0; Fast C Infg: Free Run IFGain:Low #Atten: 4 dB	Avg Type: Log-Pwr	05:23:49 AM May 21, 2014 TRACE 2 2 4 5 TYPE TYPE TYPE TYPE TYPE TYPE TYPE TYPE	Frequency
Ref Offset 13.7 dB. dB/div Ref 0.00 dBm		Mkr	1 5.350 00 GHz -57.89 dBm	Auto Tune
00 00 00 00 00				Center Freq 5.405000000 GHz
00 00 90			-37 13 46 10	Start Freq 5.350000000 GHz
00) 10 10			100.02	Stop Freq 5.45000000 GHz
tart 5.35000 GHz Res BW 1.0 MHz	#VBW 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MHz
	Y PJ 50 00 GHz -57.89 dBm	NETION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 3 4 6 6 7 7 8 9 9 0 0				Freq Offset 0 Hz
2				, is

Antenna B

Antenna A	١
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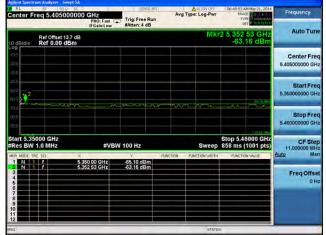
	req 5.4050	1000000 GHz PNO: Fast IFGainclow	Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	105:27:28 AM May 21, 2014 TRACE 1 2 34 TYPE 10 1000000000000000000000000000000000	Frequency
10 dB/div	Ref Offset 1 Ref 0.00 c			Mk	r1 5.350 00 GHz -58.55 dBm	Auto Tune
10.0 20.0						Center Free 5,405000000 GH
40.8 50.0 60.0					915 av	Start Fre 5,350000000 GH
71.0 60.0 90.9					Jamas	Stop Fre 5.46000000 GH
Start 5.35 Res BW		#VB	W 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Ste 11,000000 MH
MKR MODE TR		× 5,350 00 GHz	-58.55 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
23466						Freq Offse 0 H
7 8 9 10 11						
12				STAD	5	

Antenna C

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Conducted Bandedge Average, 5320 MHz, HT/VHT20, M0 to M7, M0.1 to M9.1





Antenna A

RL Center F	req 5.4050	PN	: Fast 😱	Trig: Free #Atten: 4 d	Run		ALIGN OF	06:56:24 AM May 21, 2014 TRACE 1 2 14 TVPE 2 00000000000000000000000000000000000	Frequency
0 dB/div	Ref Offset 13 Ref 0.00 d						Mkr	2 5.364 85 GHz -64.07 dBm	Auto Tun
10.0 20.0 20.0									Center Fre 5.405000000 GH
40,8 50,0 50,0	aightharpoonup 2				A_A			ža po die	Start Fre 5,350000000 GH
71.0 67.0 81.0					(\/\				Stop Fre 5.46000000 GH
start 5.35 Res BW			#VBW	100 Hz			Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Ste 11,000000 MH
1 N	11	× 5,350 00 5,364 85		-63.64 dB	m	TION P	UNCTION WIDTH	FUNCTION YALUE	Auto Ma
3466		5,304,65	GHZ	-04.07 db	m				Freq Offse 0 H
7 8 9 10 11									
12			_						

Antenna C



	req 5.4050	000000 GHz PNO: Fast C	Trig: Free Run	Avs	Type: Log-Pwr	T	2 AM May 21, 2014 GACE TO CONTRACT OF THE CONTRACT. THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT. THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT. THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT OF THE CONTRACT. THE CONTRACT OF THE CONTRACT OF	Frequency
0 dB/div	Ref Offset 1 Ref 0.00 (13.7 dB			Mkr		0 09 GHz 3.61 dBm	Auto Tune
0g (0.6 30.0 20								Center Freq 5.405000000 GHz
45.0 55.0 65.0						age 2	gr år sen	Start Freq 5.35000000 GHz
7010 (E.f) (E.f)								Stop Freq 5.46000000 GHz
start 5.35 Res BW		#VB	W 100 Hz		Sweep	Stop 5. 858 ms	46000 GHz (1001 pts)	CF Step 11,000000 MHz
KR MODE TH	1	5.350 00 GHz	-61.97 dBm	UNCTION	FUNCTION WIDTH	FUNC	TION VALUE	Auto Mar
2 N 1		5.440.09 GHz	-63.61 dBm					Freq Offset 0 Hi
7 8 9 10								
12 					STATU		-	-

Antenna D

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Conducted Bandedge Average, 5320 MHz, HT/VHT20, M8 to M15, M0.2 to M9.2





Antenna A

	req 5.4050000		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	06:11:26 AM May 21, 2014 TRACE 1 2 14 TYPE 2 DET PROMOTION	Frequency
10 dB/div	Ref Offset 13.7 d Ref 0.00 dBm			Mkr	2 5.398 18 GHz -63.44 dBm	Auto Tune
10.0 20.0 20.0						Center Fre 5,405000000 GH
40,8 50 0 60 0			¢²		- g1 81 dbs	Start Fre 5.350000000 GH
71.0 60.0 91.0 91.0						Stop Fre 5.46000000 GH
Start 5.35 #Res BW		#VBV	/ 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Ste 11.000000 MH
1 NODE TR		× 5,350 00 GHz 5,398 18 GHz	-61.41 dBm -53.44 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
3 4 6 6 7 8 9 10						Freq Offse 0 H
11						

Antenna C



enter Freq 5.4050000		Trig: Free Run	Avg T	ype: Log-Pwr	TR	ACE 1 2014	Frequency
Ref Offset 13.7 d dB/div Ref 0.00 dBm				Mkr	2 5.44	0 09 GHz .53 dBm	Auto Tune
10 10 10							Center Free 5.405000000 GH:
10 10 10						-55.74 džeo	Start Free 5,35000000 GH
000							Stop Free 5.460000000 GH
art 5.35000 GHz Res BW 1.0 MHz	#VBW	100 Hz		Sweep	858 ms	46000 GHz (1001 pts)	CF Ster 11,000000 MH Auto Ma
	5,350 00 GHz 5,440 09 GHz	Y P -59,74 dBm -53,53 dBm	UNCTION	FUNCTION WIDTH	FUNC	FION VALUE	Freq Offse

Antenna D

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Conducted Bandedge Average, 5320 MHz, HT/VHT20, M16 to M23, M0.3 to M9.3







RL Center Fi	req 5.405000000	PNO: Fast	Trig: Free Run #Atten: 4 dB		Log-Pwr	05:42:07 AMMay 21, 2014 TRACE 2 14 TVPE 2 14 DET P 14 14 041	Frequency
0 dB/div	Ref Offset 13.7 dB Ref 0.00 dBm				Mkr	1 5.350 00 GHz -59.96 dBm	Auto Tune
0.0 10.0 10.0							Center Freq 5.405000000 GHz
10 10 10						-50 85-454	Start Freq 5.35000000 GHz
uiù						1000	Stop Freq 5.46000000 GHz
Res BW		#VB	V 100 Hz			Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MHz Auto Man
KR MODE TR		50 00 GHz	-59.96 dBm	FUNCTION FUN	CTION WIDTH	FUNCTION VALUE	Auto Man
3 4 6 6							Freq Offset 0 Hz
7 8 9 0							
12					STATUS		-

Antenna C



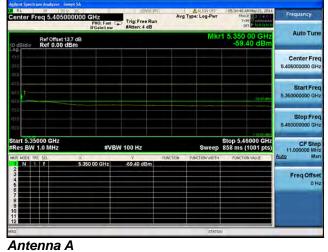
enter Freq 5.40500000		Trig: Free Run	Avg Type: Lo		45:46 AM May 21, 2014 TRACE	Frequency
Ref Offset 13.7 dB	IFGain:Low	#Atten: 4 dB		Mkr2 5.	392 24 GHz	Auto Tune
dB/div Ref 0.00 dBm					-61.89 dBm	
10 10 50						Center Free 5.405000000 GH
19 1 20	¢				-57716 mBri	Start Free 5.350000000 GH
10 10						Stop Free 5.460000000 GH
art 5.35000 GHz Res BW 1.0 MHz	#VBW	100 Hz	S	Sto weep 858	p 5.46000 GHz ms (1001 pts)	CF Ste 11,000000 MH
	50 00 GHz	-57.76 dBm	INCTION FUNCTION	WIDTH	FUNCTION VALUE	Auto Ma
2 N 1 F 53 3 4	392 24 GHz	-61.89 dBm				Freq Offse 0 H

Antenna D

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Conducted Bandedge Average, 5320 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1



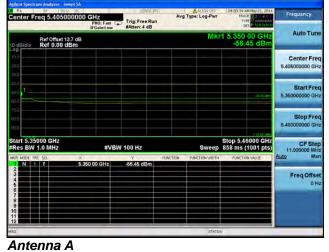
enter Freq 5.405000000 G	PNO: Fast Control Stree R Banchow BAtten: 4 dE	Avg Type: Log-Pwr	05:38:27 AM May 21, 2014 TRACE 2 2 4 5 1 TVPE 001 P 100 001	Frequency
Ref Offset 13.7 dB	FGain:Low system. 4 dc	Mki	1 5.350 00 GHz -57.96 dBm	Auto Tune
00 00 00 00				Center Fred 5.405000000 GH:
nn 1011			320	Start Free 5.35000000 GH
00)				Stop Free 5,45000000 GH
tart 5.35000 GHz Res BW 1.0 MHz KR MODE TRC SCL SS	#VBW 100 Hz	Sweep PUNCTION FUNCTION WIDTH	Stop 5.46000 GHz 858 ms (1001 pts) PUNCTION VALUE	CF Step 11.000000 MHz Auto Mar
2 3 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	00 GHz -57.96 dBm			Freq Offse 0 Hi
7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9				

Antenna B

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Conducted Bandedge Average, 5320 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2



	00000 GHz PNO: Fast		Avg Type: Log-Pwr	04:54:13 AM May 21, 2014 TRACE 12 4 5 0 TVPE DUT 10 10 10 10 10 10 10 10 10 10 10 10 10	Frequency
			Mkr	2 5.456 59 GHz -60.63 dBm	Auto Tune
					Center Freq 5.405000000 GHz
				<u>v</u> a	Start Fred 5.350000000 GH:
					Stop Free 5.46000000 GH
00 GHz I.0 MHz				Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11.000000 MHs Auto Mar
	5.350 00 GHz 5.456 59 GHz	-56,20 dBm -60,63 dBm		YOR, HOW WEDE	Freq Offset 0 Hz
	eq 5.4050 Ref Offset 1 Ref 0.00 d	Pig 5.40500000 GHz Pig 5.4050000 GHz Pig 1 Feature Pig 1 Featur	Per 5:405 000 000 GHz Pro Far ↓ Trig: Free Run IFGalintow Haten: 4 dB Ref 0.00 dBm Pro Far ↓ 100 Hz 00 GHz 0.0 MHz #VBW 100 Hz 1 [5:550 00 GHz] 45.520 dBm]	Bigs Coc How Soc AuxXove Big 5.405000000 GHz Price Free Run Free Run Ref Onfreet 137 dB Avg Type: Log-Pwr Free Run Ref 0.00 dBm Mkr Ref Onfreet 137 dB Mkr Mkr Mkr 00 GHz June Sweep Sweep 00 GHz #VBW 100 Hz Sweep 00 GHz	Page 5.405000000 GHz Find Feet Trig:Free Run IF dent. 4 dB Avg Type: Log-Pwr IF dent. 4 dB Trig: Free Run IF dent. 4 dB Ref 0.00 dBm Mkr2 5.445 5 5 G FHz

Antenna B

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Conducted Bandedge Average, 5320 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1



Center Fi	eq 5.405	D00000 GHz PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr	06:37:06 AM May 21, 2014 TRACE 1 2 4 5 EVPE DET P 14 MOT 1	Frequency
0 dB/div	Ref Offset Ref 0.00		BAtten: 4 db	Mkr	1 5.350 00 GHz -62.49 dBm	Auto Tune
0g 10,0 20,0						Center Fred 5,405000000 GH:
					-89 6	Start Fred 5.350000000 GH:
(0.0) (E Ó						Stop Free 5,46000000 GH
Res BW	1.0 MHz	#VI	BW 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts) FUNCTION VALUE	CF Step 11,000000 MHz Auto Mar
2 3 4 5 6 7 8 9 9 10						Freq Offset 0 Hz
12 sa				STATUS		

Antenna A

RL RF 500 00		Sheethal	Avg	ype: Log-Pwr	06:40:45 AM May 21, 2014 TRACE REPORT	Frequency
enter med erteseses	PNO: Fast C IFGain:Low	Atten: 4 dB			DET PINTONOM	
Ref Offset 13.7 dB 0 dB/div Ref 0.00 dBm				Mkr	1 5.350 00 GHz -61.36 dBm	Auto Tun
						Center Fre 5.405000000 GH
008 100 1					-21.25 (25	Start Fre 5.350000000 GH
niči 300					31mm dea	Stop Fre 5.46000000 Gi
tart 5.35000 GHz Res BW 1.0 MHz	#VB	W 100 Hz		Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Ste 11,000000 Mi
	350 00 GHz	-61.36 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
2 3 4 6 6						Freq Offse
7 8 9 00						
2						

Antenna C

Antenna B

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Conducted Bandedge Average, 5320 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2



		SEMEE SIT	ALICN OFF	05:53:08 AM May 21, 2014	Frequency
enter Freq 5.4	05000000 GHz PNO: Fa	ast C Trig: Free Run	Avg Type: Log-Pwr	TRACE	Frequency
o dB/div Ref 0.	fset 13.7 dB .00 dBm		Mkr	1 5.350 00 GHz -58.87 dBm	Auto Tune
00 00 00					Center Freq 5,405000000 GHz
00 1				-53 60 @ *	Start Fred 5.350000000 GH:
01) 11 Ú 11 U				10004	Stop Free 5.450000000 GH
tart 5.35000 GH Res BW 1.0 MH		¢VBW 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MH
KR HODE THE SEL	5.350 00 GH		PUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
234444					Freq Offset 0 Hz
2					· · · · ·

Antenna B

Antenna A

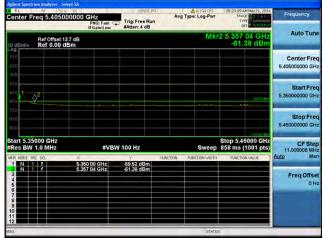
	req 5.4050	00000 GHz PNO: Fast IFGain:Low	Trig: Free Run	Avg Ty	pe: Log-Pwr	05:56:48 AM May 21, 2014 TRACE 2 4 TYPE 5 DET P 1/1/1/1/1	Frequency
10 dB/div	Ref Offset 1 Ref 0.00 d				Mkr	1 5.350 00 GHz -59.02 dBm	Auto Tune
10.0 (10.0 (10.0) (10.0							Center Fre 5,405000000 GH
40.8 50.0 1 60.0						مله (1) های	Start Fre 5,350000000 GH
71.0 40.0 						Himmight	Stop Fre 5.46000000 GH
Start 5.35 #Res BW		#VB	W 100 Hz		Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Ste 11,000000 MH
MKR MODE TR		× 5,350 00 GHz	-59.02 dBm	FUNCTION F	UNCTION WIDTH	FUNCTION VALUE	Auto Ma
23466							Freq Offse 0 H
7 8 9 10							
12		_			STATUS		

Antenna C

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Conducted Bandedge Average, 5320 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3



	000000 GHz PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr	TRACE 2 4	Frequency
	13.7 dB		Mkr	1 5.350 00 GHz -57.89 dBm	Auto Tune
					Center Fred 5.405000000 GH:
				57 19 ADV	Start Fred 5.350000000 GH:
					Stop Free 5,46000000 GH
000 GHz 1.0 MHz				Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MH: Auto Mar
	5.350 00 GHz	-57,89 dBm		YUNCHUM VALUE	Freq Offse 0 Hz
	Ref Offset 1 Ref 0.00 (000 GHz 1.0 MHz 5 SQ.	EFGainctow Ref 0.00 dBm 0.00 dBm 0.00 GHz #VB 0.00 GHz #VB	eq 5.40500000 GHz PRO First Trig: Free Run Pro former 137 dB. Ref 0.00 dBm 000 GHz 10 ML #VEW 100 Hz	Ref 0.000 GHz IFGaled ow Trig: Free Run Patient: 4 dB Avg Type: Log: Per Patient: 4 dB Ref 0.00 dBm MKR 000 GHz L0 MHz #VBW 100 Hz Sweep 000 GHz #VBW 100 Hz Sweep	eq 5.40500000 GHz H0; Fat If GaleLow Trig: Free Run If GaleLow Trig: Free Run Atten: 4 dB Mkr1 5.350 00 GHz er 0.00 dBm State 000 GHz 10 MHz #VBW 100 Hz Step 5.46000 GHz Step 5.46000 GHz Step 5.46000 GHz Step 5.46000 GHz Step 5.46000 GHz Step 5.46000 GHz

Antenna B

Antenna A

Center Freq 5.405000	DC 1000 GHz PN0: Fast C+ IFGaint.ow	Trig: Free Run	Avg Type: Log-Pwr	05:27:28 AM May 21, 2014 TRACE 12 14 TYPE DET P NULLAUR	Frequency
Ref Offset 13.7 Ref 0.00 dBr	dB		Mkr	1 5.350 00 GHz -58.55 dBm	Auto Tune
00 (00 200					Center Fred 5.405000000 GH:
40.8 50.0 1				9.55 am	Start Free 5.35000000 GH
mia 60.0 eug					Stop Fre 5.46000000 GH
Start 5.35000 GHz #Res BW 1.0 MHz	#VBW	100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Step 11,000000 MH
KR MODE TRC SCL	× 5,350 00 GHz	Y FU -58.55 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Man
2346677899					Freq Offse 0 H:
10					

Antenna C

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Conducted Bandedge Average, 5320 MHz, HT/VHT20 Beam Forming, M0 to M7, M0.1 to M9.1





Antenna A

	req 5.40500		Trig: Free Run #Atten: 4 dB	Avg Type: Log-Pwr	07:11:02 AM May 21, 2014 TRACE 1 2 4 4 TYPE 2 4 4 DET P 10 10 10 10	Frequency
0 dB/div	Ref Offset 13 Ref 0.00 d	.7 dB Bm		Mkr	1 5.350 00 GHz -63.65 dBm	Auto Tune
10.0 20.0 20.0						Center Fre 5.405000000 GH
48/8 50 0 50 0					3312-	Start Fre 5.350000000 GH
7110 60.0 9110					1200	Stop Fre 5.46000000 GH
start 5.35 Res BW		#VE	3W 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF Ste 11,000000 MH
KR MODE TR		× 5,350 00 GHz	-63.65 dBm	UNCTION PUNCTION WIDTH	FUNCTION VALUE	Auto Ma
23456						Freq Offse 0 H
7 8 9 10 11						
12		-		STATU		

Antenna C



	req 5.4050	000000 GHz PNO: Fast IFGain:Low	Trig: Free Run #Atten: 4 dB	Avg	Type: Log-Pwr	TR	AM May 21, 2014	Frequency
0 dB/div	Ref Offset 1 Ref 0.00 c			Mkr2			0 09 GHz .87 dBm	Auto Tune
og (1.6 1.0 1.0								Center Fred 5.405000000 GHz
459 160 1						¢ ²	-0117 eDr	Start Freq 5.350000000 GHz
0.0 0.0								Stop Fred 5.460000000 GH2
	000 GHz 1.0 MHz	#VB	W 100 Hz		Sweep	Stop 5. 858 ms	46000 GHz (1001 pts)	CF Step 11,000000 MH
		× 5.350 00 GHz	-63,17 dBm	UNCTION	FUNCTION WIDTH	FUNC	RON VALUE	Auto Man
2 N 1		5.440 09 GHz	-65.87 dBm					Freq Offset 0 Hz
7 8 9 0								
2				_	STATUS	_		

Antenna D

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Conducted Bandedge Average, 5320 MHz, HT/VHT20 Beam Forming, M8 to M15, M0.2 to M9.2





Antenna A

	req 5.4050000		USVGE UT(Avg Type: Log-Pwr	06:25:05 AM May 21, 2014 TRACE	Frequency
_		PNO: Fast C IFGain:Low	Atten: 4 dB		DET PIN HINDIN	
0 dB/div	Ref Offset 13.7 d Ref 0.00 dBm	В		Mkr	1 5.350 00 GHz -61.63 dBm	Auto Tur
09 100 100						Center Fr 5.405000000 G
ais aio 1 aio					et 83.050	Start Fr 5.350000000 G
nià 110					1300.00	Stop Fr 5.460000000 G
tart 5.35 Res BW	000 GHz 1.0 MHz	#VB	W 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	CF St 11.000000 M
KR MODE TP		× 5,350 00 GHz	-61.63 dBm	UNCTION PUNCTION WIDTH	FUNCTION VALUE	Auto N
23466						Freq Offe
7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9						
2				STATU		L

Antenna C



Frequency	AM May 21, 2014	TRU	Type: Log-Pwr	Avg	Trig: Free Run #Atten: 4 dB	PNO: Fast	00000 G	5.4050		
Auto Tun	09 GHz 59 dBm		Mkr					f Offset 1 ef 0.00 d		B/di
Center Free 5.405000000 GH										
Start Free 5,350000000 GH	- anish etc.	\$ ²								1
Stop Free 5.460000000 GH										
CF Step 11,000000 MH	6000 GHz (1001 pts)	Stop 5.4 858 ms	Sweep		100 Hz	#VBW		GHz MHz		
<u>Auto</u> Mar	FUNCTION VALUE		FUNCTION WIDTH	Y FUNCTION					N	
Freq Offse DH					-63.59 dBm) 09 GHz	5,440		1	N
-	-		STATUS	_		-		-	_	_

Antenna D

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Conducted Bandedge Average, 5320 MHz, HT/VHT20 Beam Forming, M16 to M23, M0.3 to M9.3





Antenna A

	req 5.405000		Trig: Free Run #Atten: 4 dB	Avg Type	Log-Pwr	TYPE	May 21, 2014	Frequency
0 dB/div	Ref Offset 13.7 Ref 0.00 dBn				Mkr	1 5.350 0 -59.0	0 GHz 2 dBm	Auto Tune
10.0 20.0 20.0								Center Fre 5.405000000 GH
40,8 50 0 1							-52 (D) ch-	Start Fre 5.350000000 GH
711.02 60.0 91.03							dmmen	Stop Fre 5.46000000 GH
Start 5.35 #Res BW		#VB	W 100 Hz			Stop 5.460 858 ms (1	000 GHz 001 pts)	CF Ste 11.000000 MH
NKR MODE TRC SCL X		× 5,350 00 GHz	-59.02 dBm	FUNCTION FUN	NCTION FUNCTION WIDTH		VALUE	Auto Ma
23466								Freq Offse 0 H
7 8 9 10								
12 					STATU			

Antenna C



Center Freq 5.40500	00000 GHz	Trig: Free Run	Avg Type: Log-Pwr	06:00:26 AM May 21, 2014 TRACE 1	Frequency
	PNO: Fast G	#Atten: 4 dB		2 5.440 09 GHz	Auto Tune
Ref Offset 13	Auto Tun				
0g (hý na 100					Center Fred 5.405000000 GHz
40.5 20.0 20.0					Start Freq 5,350000000 GHz
1000 (11.0) (11.0)					Stop Fred 5.460000000 GH2
Start 5.35000 GHz #Res BW 1.0 MHz	#VB	V 100 Hz	Sweep	Stop 5.46000 GHz 858 ms (1001 pts)	11,000000 MH
MKR MODE THE SEL	5.350 00 GHz	-58,81 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mar
2 N 1 F 3 4 5 6 7	5.440 09 GHz	-63,45 dBm			Freq Offset D Hz
8 20 20 20 20 20 20 20 20 20 20 20 20 20					

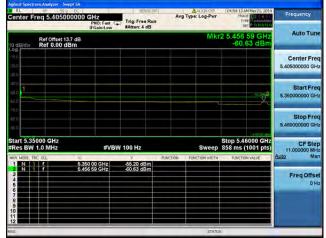
Antenna D

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Conducted Bandedge Average, 5320 MHz, HT/VHT20 STBC, M0 to M7, M0.1 to M9.1





Antenna A

Antenna B

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