

		-		
Agilent Spectrum Analyzer - Sv	wept SA			
50 Ω	AC SENSE	ALIGN AUTO #Avg Type: Pwr(RM		Peak Search
larker 1 5.22662500 Inpu	ut: RF PNO: Fast Trig: Free Ru IFGain:Low #Atten: 30 dB		TYPE A WWWWW DET S N N N N N	
0 dB/div Ref 20.00 dl	Bm	Mkr1	1 5.226 625 GHz -0.378 dBm	NextPea
og 10.0				Next Rig
0.00	- Marrad Marray Marray and Marray Street Marray	1 		
0.0				Next Le
0.0				Marker De
D.0			an inderender of the second	
0.0				Mkr→C
5.0				Mkr→RefL
0.0				
enter 5.22000 GHz			Span 25.00 MHz	Mo 1 o
Res BW 1.0 MHz	#VBW 3.0 MHz	#Sweep	500 ms (1001 pts)	10
G		STATU	JS	

Channel 44:

Channel 48:

50 Ω larker 1 5.24380000000 Input: RF	PNO: Fast 😱 Trig: Free Run	ALIGNAUTO #Avg Type: Pwr(RMS Avg Hold>100/100	02:46:43 AM Jun 12, 2009 TRACE 1 2 3 4 5 6 TYPE A WWWWW DET S N N N N N	Peak Search
	IFGain:Low #Atten: 30 dB	Mkr1	5.243 800 GHz 0.298 dBm	Next Pea
0 dB/div Ref 20.00 dBm				Next Rig
10.0	hlenservallikerstaansternikersvandelikerval			Next Le
0.0 0.0 0.0			han har	Marker De
0.0				Mkr→
5.0				Mkr→Refl
enter 5.24000 GHz Res BW 1.0 MHz	#VBW 3.0 MHz	#Sween	Span 25.00 MHz 500 ms (1001 pts)	М а 1 о



SG							STATUS			
enter 5.2 Res BW	26000 GHz 1.0 MHz		#VBW	3.0 MHz		1	#Sweep		25.00 MHz (1001 pts)	1 of
0.0										Mor
70.0										Mkr→RefL
60.0										
0.0	_									Mkr→C
0.0 איזאינאיל	weel.W							1	M. Margan	Marker De
0.0								<u>\</u>		
0.0	/ or the	₽₽ ╱┫ ᠓ ₽₽ ╱ <mark>⋛</mark> ⋿⋠⋩⋩∊⋏⋠	પ્રમાણવામાં જેવું છે. આ ગામમાં આ ગ આ ગામમાં આ ગ	ᡔ ᢛ᠖ᡌ ᡗᢛᡰᢪᡟᡌᡟᢁᠾ _┥	REPART OF ANY	A. Arton and Andrea	₩₩₩₩₩₩₩₩₩₩₩	alma 1		Next Le
0.0					•					Next Rig
odB/div	Ref 20.00 c	1Bm						0.7		
			Gain:Low	#Atten: 30	d B		Mkr1	5.262	025 GHz 768 dBm	NextPea
arker 1	5.2620250	out: RF F	GHz PNO: Fast 😱	Trig: Free #Atten: 30	Run	#Avg Type Avg Hold>	: Pwr(RMS) TRA T	ACE 1 2 3 4 5 6 YPE A WWWWW DET S N N N N N	Peak Search
	50 Ω	Swept SA	Α	C SE	NSE:INT		ALIGN AUTO	02:47:51	AM Jun 12, 2009	

Channel 52:

Channel 60:

								Swept SA	m Analyzer - S	ilent Spectru	Agil
	M Jun 12, 2009		ALIGN AUTO		NSE:INT	.C SE	Α		DΩ	5	d
Peak Search	E 1 2 3 4 5 6 E A WWWWW T S N N N N N	TRAC TYP DE	e: Pwr(RMS) >100/100	#Avg Avg H		Trig: Free #Atten: 30	iHz NO: Fast 😱 Gain:Low	out: RF P	3012000 Int	ker 1 5.	larl
NextPe	00 GHz 37 dBm		Mkr1					1Bm	ef 20.00 c	B/div R	
Next Rig											og 10.0
		~~ L	and the second second	e stafferstelderte		a manta manan					0.00
Next L											0.0
		<u>}</u>									0.0
Marker De	Multinen and	٦ ا							w ^{r.v.}	white water	0.0
	F				-						0.0
Mkr→											0.0
Mkr→Ref											0.0
											0.0
M o 1 o	5.00 MHz	Snan 2				5			00 GH7	ter 5.300	ent
	1001 pts)	500 ms (#Sweep			3.0 MHz	#VBW			s BW 1.0	
			STATUS								G



						Chan				
								Swept SA	rum Analyzer -	Agilent Spec
Peak Search	M Jun 12, 2009 E 1 2 3 4 5 6		ALIGNAUTO e: Pwr(RMS)	#Ava	NSE:INT	AC SE		00000	50 Ω 5.3267500	larker 1
	T S N N N N N	TYF	:>100/100	Avg H		#Atten: 3	PNO: Fast 🖵 FGain:Low	put: RF		
NextPe	50 GHz 41 dBm		Mkr1					dBm	Ref 20.00 (0 dB/div
Next Rig										og 10.0
		w		-	and the second second	min manuel .	men man	proventing the providence of the		0.00
Next Le		N.							/	10.0
		<u> </u>							/	20.0
Marker De	Hallon Christer Carrow	ч				0			LWY ^{N N}	30.0
										0.0
Mkr→C										i0.0
Mkr→RefL										0.0
										0.0
Mo	5 00 MH-	Snor 2				0			2000 GHz	ontor E 7
1 0	5.00 MHz 1001 pts)	500 ms (#Sweep			3.0 MHz	#VBW			Res BW
			STATUS							ŝG

Channel 64:

Channel 100:

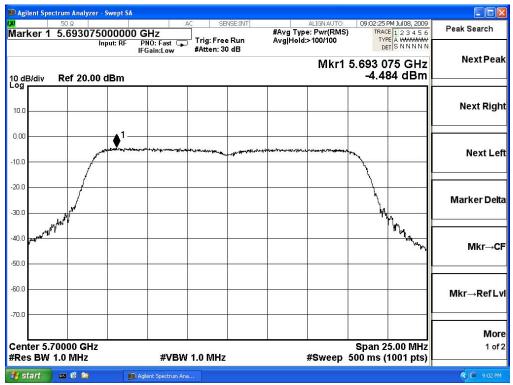
	100000 GHz put: RF PNO: Fa IFGain:Lo	AC SENSE:INT Trig: Free Run w #Atten: 30 dB	ALIGN AUTO #Avg Type: Pwr(RMS Avg Hold>100/100	08:59:45 PM Jul 08, 2009 TRACE 1 2 3 4 5 6 TYPE A WWWW DET S N N N N N	Peak Search
dB/div Ref 20.00 d	dBm		Mkr1	5.493 650 GHz 0.058 dBm	NextPea
0.0					Next Rig
0.0	proprint and the second	adlineastriction of the states	นรูแกร่ง _น ารีมาสู่รรมร้างการจุบัทร่างสีนระชุญาชบัตนาย	Auron and a second seco	Next Lo
0.0				h h h h h h h h h h h h h h h h h h h	Marker De
0.0				- Martin Martin	Mkr→
0.0					Mkr→Ref
enter 5.50000 GHz Res BW 1.0 MHz		VBW 1.0 MHz	#Eween	Span 25.00 MHz 500 ms (1001 pts)	M c 1 c



PNO: Fast Trig: Free Run Avg Hold:>100/100	nt Spectrum Analyzer - Swept SA
GHz #Avg Type: Pwr(RMS) TRACE 1 2 3 4 5 6 Peak Search PN0: Fast Gain:Low Trig: Free Run Avg Hold>100/100 TVPE A www.ww DET S NNNN Pask Search	50.0
GHZ #Avg I ype. Pwr(twis) PRO: Fast Trig: Free Run Avg Hold>100/100 FGain:Low #Atten: 30 dB	SU SU AC
Mkr1 5 594 825 GHz NextPea	
4.440 dBm	div Ref 20.00 dBm
1 Next Rig	
Next Le	
	W
Marker Del	www.sections.
Mkr→0	
Mkr→RefL	
Mo	
Span 25.00 MHz 1 o #VBW 1.0 MHz #Sweep 500 ms (1001 pts)	er 5.60000 GHz BW 1.0 MHz #VBW 1.
allent Spectrum Ana	rt 🛛 📽 🎽 🚺 Agilent Spectrum Ana

Channel 120:

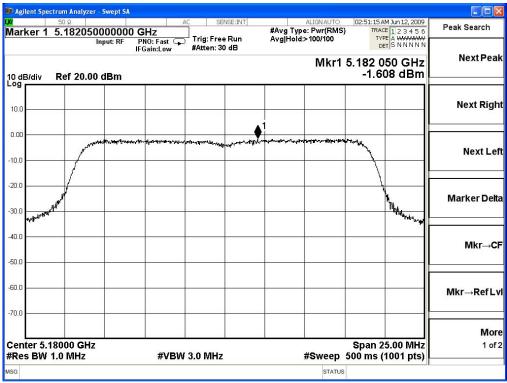
Channel 140:



Product	:	Notebook
Test Item	:	Peak Power Spectral Density
Test Site	:	No.3 OATS
Test Mode	:	Mode 2: Transmitter (802.11n-20BW 13.5Mbps)

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
36	5180	-1.61	<4	Pass
44	5220	-0.72	<4	Pass
48	5240	-0.10	<4	Pass
52	5260	0.27	<11	Pass
60	5300	0.99	<11	Pass
64	5320	1.48	<11	Pass
100	5500	-1.593	<11	Pass
120	5600	-0.976	<11	Pass
140	5700	-2.888	<11	Pass

Channel 36:





								Swept SA	ım Analyzer -	Agilent Spect
Peak Search	M Jun 12, 2009	TRAC	ALIGNAUTO e: Pwr(RMS)	#Avg Typ	VSE:INT	IC SE		00000 G	^{50 Ω}	arker 1
	E A WWWWW T S N N N N N	TYF		AvgiHold		Trig: Free #Atten: 30	NO: Fast 🖵 Gain:Low	put: RF P		
NextPe	25 GHz 16 dBm		Mkr1					dBm	lef 20.00	
Next Rig										0.0
Next Le		ا مىسىرىمەرس	y mining a pure of the last	eriseriyasinger	- Charleson and a second	May - instantion of the second	an a	ahddarftra.rh		.00
		Ì								0.0
Marker De	Why was a second				2				1	0.0
Mkr→(0.0 0.0
Mkr→Refl										.0
Мо										0.0
1 of	5.00 MHz	Span 2	#Sweep	1		3.0 MHz	#VBW	3 1		enter 5.2: Res BW 1

Channel 44:

Channel 48:

								Swept SA	n Analyzer -	ent Spectrun	🛛 Agilo
Peak Search	4 Jun 12, 2009	02:54:08 A	ALIGN AUTO	40	NSE:INT	AC SE		000000	ן גַר		
	123456 A WWWWW T S N N N N N	TYP	e: Pwr(RMS) >100/100			Trig: Free #Atten: 30	GHZ PNO: Fast 🖵 Gain:Low	000000 (nput: RF F IF		(er 1 5.)	lark
Next Pea	50 GHz 97 dBm	5.247 3 0.09-	Mkr1					dBm	ef 20.00	/div Re	0 dB
Next Rig		1									og 10.0
Nevel		TUN BUNN	Annon Marine	vietan and	and the second second	the of the state of the second	an have a start and	loof galiny days again again ag	portante.).00
Next L											0.0
Marker Del	Willing when when when when when when when when								/	Marria Marrial C	0.0
Mkr→											0.0 0.0
Mkr→Refl).0
											0.0
М а 1 о	5.00 MHz 1001 pts)	Span 2 500 ms (*	#Sweep		<u> </u>	3.0 MHz	#VBW			er 5.240 BW 1.0	
			STATUS								G



						Chann				
								Swept SA	rum Analyzer -	Agilent Spe
Peak Search	M Jun 12, 2009	TRAC	ALIGNAUTO e: Pwr(RMS)	#Avg Typ	NSE:INT	IC SE		000000	50 Ω 5.264925	l Jarker 1
	EAWWWW TSNNNNN	TYP		Avg Hold	eRun)dB	Trig: Free #Atten: 30	PNO: Fast 🖵 FGain:Low	nput: RF		
Next Pe	25 GHz 59 dBm		Mkr1					dBm	Ref 20.00	0 dB/div
Next Rig										og
			1							10.0
Next Le		manyahorah	พระทุสาข มหางได้	ard Alatha fear while	and the state of the	han the second second	⋫ ∊ ₩⋫ ⋎⋎ ⋎⋻⋻⋧⋖⋎ ⋶ ⋺⋹⋏	en and a second a se	100).00
Next		-						-	+	0.0
										20.0
Marker De	N. Whyley wagen .								*	10.0
										0.0
Mkr→C										
										0.0
Mkr→RefL										0.0
										0.0
Mo 1 o	5.00 MHz	Enon 2							000 GHz	
10			#Sweep			3.0 MHz	#VBW			Res BW
			STATUS							SG

Channel 52:

Channel 60:

								Sector States	1. Taylor and the second	n and a second statement	-
	M 2 - 10 - 0000	00,55,00,0						Swept SA	<mark>m Analyzer</mark> - ΓΩ		Agile
Peak Search	M Jun 12, 2009 E 1 2 3 4 5 6 E A WWWWW S N N N N N	TRAC	ALIGN AUTO ype: Pwr(RMS) Id:>100/100			Trig: Fr #Atten:			3061750		
NextPea	75 GHz 92 dBm		Mkr1					1000	ef 20.00	div R	0 dB
Next Rig								· ·			. og 10.0
Next Le		where a first the second secon	march	allight Connection	water and a cost	tan yakayardara	ՠՠ^ֈՙ ՙֈ <mark>ՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠՠ</mark>	#Attenante			0.00 -
Marker De	Martin	\ 								why	20.0 - 30.0 a
Mkr→											0.0
Mkr→Refl				_							0.0 -
M a 1 o	5.00 MHz	Span 2								er 5.300	
	1001 pts)	500 ms (#Sweep		IZ	3.0 MH	#VBW		MHz	BW 1.0	Res



mer						Chann				
								Swept SA	m Analyzer -	Agilent Spectr
Peak Search	M Jun 12, 2009 E 1 2 3 4 5 6	TRAC	ALIGNAUTO e: Pwr(RMS)	#Avg T	VSE:INT	1			οΩ .316700	arker 15
NextPea			>100/100	Avg Ho		Trig: Free #Atten: 30	PNO: Fast 😱 Gain:Low	nput: RF P IF	lr	
	00 GHz 32 dBm		MKr1					dBm	ef 20.00	
Next Rig										g
Nexting							1		<).0
		Tol And	harshing approx	warpathe	the state of the second	-	Report a salinger	-	- Alexandre	00
Next Le		Ň								0.0
		١								1.0
Marker Del	Wy Wall water								ſ	1.0
Mkr→C).0
				-						0.0
Mkr→RefL).0
						3				1.0
Мо						y				
1 of	5.00 MHz 1001 pts) _	Span 2 500 ms (#Sweep			3.0 MHz	#VBW			enter 5.32 Res BW 1.
			STATUS							3

Channel 64:

Channel 120:

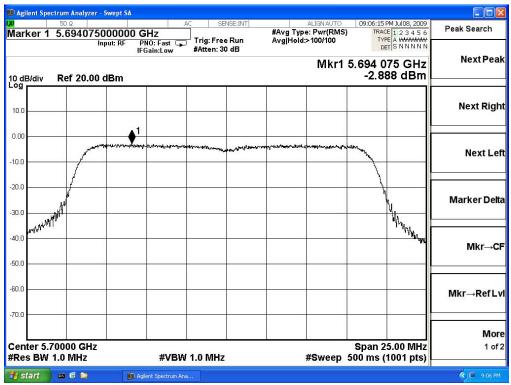
								Swept SA	m Analyzer -	lent Spectrur	🛛 Agil
Peak Search	PM Jul 08, 2009		ALIGN AUTO		NSE:INT	KC SE			0Ω		u –
	E 1 2 3 4 5 6 E A WWWWW T S N N N N N	TYP	e: Pwr(RMS) >100/100	#Avg Typ Avg Hold		Trig: Free #Atten: 30	iHz NO: Fast 😱 Gain:Low			ker 1 5.	lari
NextPe	25 GHz 93 dBm		Mkr1 ∜					dBm	ef 20.00 (3/div R	
Next Rig								· · · · · · · · · · · · · · · · · · ·			og 0.0
		24	∮ ¹				uh dama a		لي بعد		0.00
Next L		- A man		₿ ₽₽₽₽ ₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽	entrophy and the	and an and a start of the second s	al-dependent of the frequence		- Martin		0.0
									/		0.0
Marker De	W How way								ſ	WHW NYM	0.0
	"YUUUAN							2		a MANTAN'	0.0
Mkr→								<u>.</u>			0.0
Mkr→Ref								2			0.0
											0.0
M		0									
10	5.00 MHz 1001 pts)		#Sweep \$			1.0 MHz	#VBW			ter 5.500 s BW 1.0	
🤹 👼 9:03			_				lent Spectrum Ani	The second	6 😋	art 📖	y st



	00000 GHz	Trig: Free Run	ALIGN AUTO #Avg Type: Pwr(RMS Avg Hold>100/100	09:05:00 PM Jul 08, 2009	Peak Search
1000 1000	out: RF PNO: Fast 🕞 IFGain:Low	#Atten: 30 dB	2019	5.596 600 GHz	NextPea
0 dB/div Ref 20.00 c				-0.976 dBm	Next Rig
0.0		and the second of the second	81.5~.54254.885.18001 ^{6.5} 55.911-9 ^{6.5} 5		Next Le
0.0 0.0 www.www.www.				Minitary Contraction	Marker Del
0.0					Mkr→C
0.0					Mkr→RefL
enter 5.60000 GHz Res BW 1.0 MHz	#VBW	1.0 MHz	#Sweep	Span 25.00 MHz 500 ms (1001 pts)	Mo 1 of

Channel 120:

Channel 140:



:	Notebook
:	Peak Power Spectral Density
:	No.3 OATS
:	Mode 3: Transmitter (802.11n-40BW 27Mbps)
	•

Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
38	5190	-6.04	<4	Pass
46	5230	-4.47	<4	Pass
54	5270	-3.75	<11	Pass
62	5310	-2.72	<11	Pass
102	5510	-2.056	<11	Pass
118	5590	-2.420	<11	Pass
134	5670	-3.923	<11	Pass

C	nannei 58:			
wept SA				
	ree Run Avg	g Type: Pwr(RMS)	TRACE 123456 TYPE A WARMAN	Peak Search
IFGain:Low #Atten	: 30 dB	Mkr1 ∜	Colorador and the Arrent Management	Next Pea
				Next Rig
wherefored and the appropriation of the second second	a manual man	and an an an an an an a		Next Le
				Marker De
			harring	Mkr→C
				Mkr→RefL
			Span 50.00 MHz	Mo 1 of
	AC DOOOD GHZ It: RF PN0: Fast Trig: F IFGain:Low #Atten BM AC Trig: F #Atten	AC SENSE:INT #Avg	AC SENSE:INT ALIGNAUTO 200000 GHz Trig: Free Run #Avg Type: Pwr(RMS) Avg Hold:>100/100 #Avg Type: Pwr(RMS) #Mkr1 f Bm	Acc SENSE:INT ALIGNAUTO IO2:58:59 AM Jun 12, 2009 MO000 GHz Trig: Free Run #Avg Type: Pwr(RMS) Trig: Comparison of the sense of the sens

Channel 38:



	23000 GHz 1.0 MHz		#VBM	3.0 MHz			#Sween	Span 5	0.00 MHz 1001 pts)	Mor 1 of
i0.0 i0.0										Mkr→RefL
0.0	******								mar horizon	Mkr→C
0.0 <u> </u>										Marker De
0.0		-derawaranger-source-fr	^{เรลิ} างปร ^ะ สร้องระบรุต	thereast and a	and a second second	defrance-frankered-s	1 	warmen		Next Le
0.0										Next Rig
) dB/div	Ref 20.00) dBm					Mkr		05 GHz 69 dBm	Next Pea
arker 1	^{50 Ω} 5.241050	Input: RF F	A GHz PNO: Fast Gain:Low	Trig: Free #Atten: 30		#Avg Typ Avg Hold:	ALIGN AUTO e: Pwr(RMS) >100/100	TRAC	M Jun 12, 2009 E 1 2 3 4 5 6 E A WWWWW T S N N N N N	Peak Search

Channel 46:

Channel 54:

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						5 M		owept SA	Analyzer - S	ent Spectrum	🛛 Agile		
Peak Search	M Jun 12, 2009		ALIGN AUTO		NSE:INT	AC SE				50 \$			
	E 1 2 3 4 5 6 E A WWWWW T S N N N N N	TRAC TYF DE	e: Pwr(RMS) :>100/100			Trig: Fre #Atten: 3	iHz NO: Fast 😱 Gain:Low	out: RF P		(er 1 5.2	lark		
NextPea		10 dB/div Ref 20.00 dBm -3.745 dBm -3.745 dBm											
Next Rig											og 0.0		
Next Por Next Ri Next Ri Marker D Mkr→Ref		ware way	1	present	farming	ministrymy	eni a escativ	pinskappianta	frontion		.00 - 0.0 -		
Marker De											0.0 0.0		
Mkr→	Wyerner	<u>ب</u>							<u></u>	seefingt ^{een o} nsast	D.O		
Mkr→Refl											0.0 - 0.0 -		
Mo											0.0		
	0.00 MHz 1001 pts) –		#Sweep			3.0 MHz	#VBW			er 5.2700 BW 1.0 I			
			STATUS								G		



				-					
							er - Swept SA	ectrum Analyz	
Peak Search	02:17 AM Jun 12, 2009		ALIGN AUTO		SENSE:	AC		50 Ω	
	TRACE 1 2 3 4 5 6 TYPE A WWWWW DET S N N N N N		Type: Pwr(RM: Iold:>100/100		Frig: Free Ru Atten: 30 dE	GHz PNO: Fast 😱 FGain:Low	500000000 Input: RF	5.32545	arker '
Next Pea	325 45 GHz 2.715 dBm		Mkı)0 dBm	Ref 20.0) dB/div
Next Rig									
Next Lo	\downarrow	anjer turna	h-landra-carte-raster-t-state	ganeral for the standard	www.	~JTq444~46~461997,771-4-81	والالمحموم والمحموم والمحمو		.00
Marker De									D.O
Mkr→	Waller Marter							whyt).0
Mkr→RefL									0.0
Мо									
1 0	an 50.00 MHz ms (1001 pts)	spa sp 500 r	#Sweep		0 MHz	#VBW	Z	.31000 GH 1.0 MHz	
		TUS	STATU						3

Channel 62:

Channel 102:

Peak Search	PM Jul 08, 2009 E 1 2 3 4 5 6 PE A WWWWW	TRAC	ALIGNAUTO e: Pwr(RMS) > 100/100	#Avg Typ Avg Hold	ENSE:INT	7			50 Ω 5.496800	arker 1					
NextPe	80 GHz	83).				#Atten: 3	Gain:Low		1						
	56 dBm				-		0 dB/div Ref 20.00 dBm								
Next Rig								0		.0					
								● ¹		00					
Next L			**************************************	ward and a second	V	alminely when the	Werkelphanelyter	ar had a star should be		.0					
								-		.0					
Marker De		\								.0					
	manhaumin	3							æ	- and a start					
Mkr→										.0					
Mkr→Refl										.0					
								8		.0					
M o 1 o	0.00 MHz 1001 pts)		#Sweep :		z	1.0 MHz	#VBW		000 GHz 0 MHz	enter 5.57 tes BW 1					
() (9:08					-	10	lent Spectrum An	Care of	an 🙆 🔯						



	e: Pwr(RMS)		ig: Free Run	GHz PNO: Fast 😱 1	00000000 Input: RF	^{50 Ω} 1 5.5787	arker 1
Mkr1 5.578 70 GHz	Mkr1 5.5		itten: 30 dB	FGain:Low #	00 dBm	D -5 20	
						Rei 20.	dB/div
		line and really and	and the second second	1 101-111/10-00-0-6-6-11-11-11-11-11-11-11-11-11-11-11-11	Marand Saman April Sama		.0
							.0
						4° ° ° °	.0
							.0
Span 50.00 MHz #VBW 1.0 MHz #Sweep 500 ms (1001 pts)	Spa #Sweep 500 n		MHz	#VBW 1.	łz	5.59000 GH N 1.0 MHz	enter 5

Channel 118:

Channel 134:

Marker 1 5.656/0000000 GHz Trig: Free Run Avg (type: Fur(Rus)) Trig: 63436 Next P 10 dB/div Ref 20.00 dBm -3.923 dBm -3.923 dBm Next R 000 -1 -3.923 dBm Next R Next R 000 -1 -3.923 dBm Next R -200 -1 -3.923 dBm Next R -3.92 -1 -3.923 dBm Next R -3.92 -1 -1 -1 Next R -3.92 -1 -1 -1 Next R -3.92 -1 -1 -1 Next R -3.92 -1<	Center 5.67000 (Res BW 1.0 MH		#VBW 1.0 MH	łz	#Sweep	Span 50.00 MHz 500 ms (1001 pts)	1 of
Marker 1 5.0506 /0000000 GHz Trig: Free Run Avg Heide / 100 /100 Trig: Free Run Avg Heide / 100 /100 Trig: Free Run Next P 10 dB/div Ref 20.00 dBm -3.923 dBm Next R Next R 000 1 -3.923 dBm Next R Next R 000 -3.923 dBm -3.923 dBm Next R Next R							Мо
Avg Hpe. rwitkins Avg Hpe. rwitkins Avg Hpe. rwitkins Avg Hold>100/00000 GHz Trig: Free Run #Atten: 30 dB Mkr1 5.656 70 GHz -3.923 dBm Next R Next R Next R Next R Next R Marker D							Mkr→RefL
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Marker 1 5.5557/00000000 GHZ Trig: Free Run Mark g type: Fwit(RMS) Trig: S to 5 Input: RF PNO: Fast Trig: Free Run #Avg type: Fwit(RMS) Trig: S to 5 Mkr1 5.656 70 GHz -3.923 dBm Next P IdB/div Ref 20.00 dBm Next R Next R				Y			
Arker 1 5.656700000000 GHZ Input: RF PN0: Fast Free Run #Atten: 30 dB Mkr1 5.656 70 GHz -3.923 dBm Next P		providence in running o		m permanent	wyayya-augar darifafiwati dahar yana	ronderige	Next Lef
arker 1 5.656700000000 GHz Trig: Free Run Avg type. rwt(RM3) Trig: State Avg type. rwt(RM3) Input: RF PR0: Fast Trig: Free Run #Avg type. rwt(RM3) Trig: State 0 dB/div Ref 20.00 dBm -3.923 dBm	0.0						Next Rig
Arker 1 5.5557/0000000 GHz Input: RF PRO: Fast Trig: Free Run IFGain:Low #Atten: 30 dB		0.00 dBm					A/7 244-252
arker 1 5 555 (00000000 GHZ #8Y9 VPC, FW((KW2) 10455					809		NextPe
50 Ω AC SENSE:INT ALIGNAUTO 09:10:52 PM Jul08, 2009 Peak Search			Hz	#.	Avg Type: Pwr(RMS)	TRACE 1 2 3 4 5 6	Peak Search

5. Peak Excursion

5.1. Test Equipment

The following test equipments are used during the radiated emission tests:

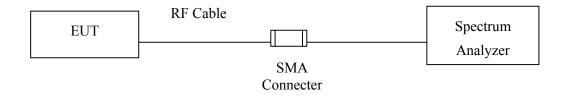
	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
Х	Spectrum Analyzer	Agilent	N9010A / MY48030495	Apr., 2009
NT /	1 4 11	1.1 / 1		

Note: 1. All equipments are calibrated every one year.

2. The test instruments marked by "X" are used to measure the final test results.

5.2. Test Setup

Conduction Power Measurement



5.3. Limits

The ratio of the peak excursion of the modulation envelope (measured suing a peak hold function) to the peak transmit power (measured as specified above) shall not exceed 13 dB across any 1 MHz bandwidth or the emission bandwidth whichever is less.

5.4. Test Procedure

The EUT was setup to ANSI C63.4, 2003; tested to DTS test procedure of Aug 2002 DA 02-2138 for compliance to FCC 47CFR Subpart E requirements.

5.5. Uncertainty

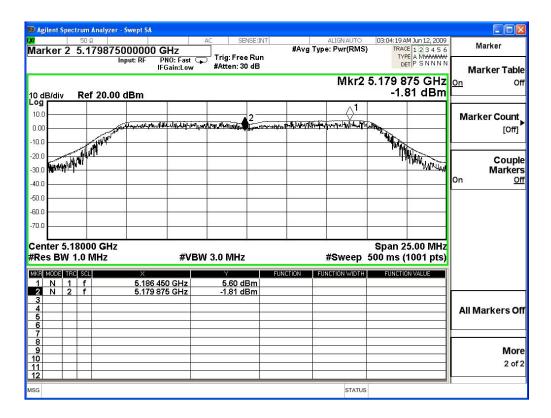
± 1.27 dB

5.6. Test Result of Peak Excursion

Product	:	Notebook
Test Item	:	Peak Excursion
Test Site	:	No.3 OATS
Test Mode	:	Mode 1: Transmitter (802.11a-6Mbps)

Channel No.	Frequency (MHz)	Measurement Level (dB)	Required Limit (dB)	Result
36	5180	7.41	<13	Pass
44	5220	9.67	<13	Pass
48	5240	7.85	<13	Pass
52	5260	9.02	<13	Pass
60	5300	7.89	<13	Pass
64	5320	8.46	<13	Pass
100	5500	9.72	<13	Pass
120	5600	10.35	<13	Pass
140	5700	9.24	<13	Pass

Channel 36:





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								Swept SA	nalyzer -	trum /	Spect	ilent	l Ag
Peak Search	M Jun 12, 2009 E 1 2 3 4 5 6 E MM WWWW	TRAC	ALIGN AUTO e: Pwr(RMS)	#Avg T		Trig: Free	GHz PNO: Fast	100000 put: RF		50 Ω 5.2	2	ker	l lai
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	[\bigcirc ¹										10.0
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	5.00 MHz					en e	100) GHz				
Mkr→	1001 pts)	500 ms (*	#Sweep \$			3W 3.0 MHz	#V		IHz	.0 N	W 1	s B	Re
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Channel 44:

Channel 48:

						pt SA	nalyzer - Sw		nt Spe	
Peak Search	03:06:06 AM Jun 12, 2009 TRACE 1 2 3 4 5 6 TYPE MMWWWW	ALIGN AUTO e: Pwr(RMS)	#Avg Ty	SENSE:IN	AC Tria:	1000 GHz RF PN0: Fast		50 Ω 5.24	er 2	lark
Next Peal	.243 950 GHz 0.25 dBm	Mkr2 t		n: 30 dB		IFGain:Low	20.00 dE	Ref	(div) dB
Next Rigi	All and a second s	/ ⁴	1 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	runu hispachiliphu	nythonyapathistofu	Laboritheria, Landonaph	Hunder Walky			og 10.0 0.00
Next Le	White white							WH H	JINIT	20.0 20.0 20.0
Marker Del										i0.0 i0.0 '0.0 =
Mkr→C	Span 25.00 MHz 00 ms (1001 pts) FUNCTION VALUE	#Sweep 5	INCTION	1Hz 10 dBm	BW 3.0 N	#V × 5.242 875 GHz) GHz IHz	1.0 N	BW	Res Krim
Mkr→RefL				25 dBm		5.243 950 GHz			N 2	
Mo 1 of										/ 8 9 0 1 2
		STATUS								G



AC SENSE.INT ALIGNAUTO 03:06:45 AM Jun 12, 2009 Peak Search 259875000000 GHz Trig: Free Run #Atten: 30 dB #Avg Type: Pwr(RMS) Trig: Gain: Low Peak Search Mkr2 5.259 875 GHz -0.90 dBm 1 1 1 1 Mkr2 5.259 875 GHz -0.90 dBm 0.90 dBm Next Peak Next Righ Next Righ Next Righ Next Lef Marker Delta Next Lef Marker Delta Marker Delta Marker Delta Mkr2 Span 25.00 MHz Mkr - CF		Channel 5			
259875000000 GHz Trig: Free Run #Avg Type: Pwr(RMS) TRACE 1/2/3/4.5.6 Peak Search Input: RF PNO: Fast Trig: Free Run #Atten: 30 dB Mkr2 5.259 875 GHz Next Peal If 20.00 dBm -0.90 dBm -0.90 dBm Next Right Next Right Imput: RF PNO: Fast 2 1 Next Right Next Right Imput: RF Imput: RF Imput: RF Imput: RF Imput: RF Next Right Imput: RF Imput: RF Imput: RF Imput: RF Imput: RF Next Right Imput: RF Imput: RF Imput: RF Imput: RF Imput: RF Next Right Imput: RF Imput: RF Imput: RF Imput: RF Imput: RF Next Right Imput: RF Imput: RF Imput: RF Imput: RF Imput: RF Next Right Imput: RF Imput: RF Imput: RF Imput: RF Imput: RF Next Right Imput: RF Imput: RF Imput: RF Imput: RF Imput: RF Next Right Imput: RF Imput: RF </th <th>Agilent Spectrum Analyzer - Swept SA</th> <th></th> <th></th> <th></th> <th></th>	Agilent Spectrum Analyzer - Swept SA				
Input: R PRO: Fast Trig: Free Run #Atten: 30 dB Mkr2 5.259 875 GHz -0.90 dBm Next Pea f 20.00 dBm -0.90 dBm -0.90 dBm Next Right Next Left Next Left Marker Dett Marker Dett Marker Dett Marker Dett Metr -C	50 Ω Jarkor 2, 5, 25097500000				Peak Search
Mikr2 5.259 875 GHz Next Right 6 20.00 dBm -0.90 dBm 1 -0.90 dBm	Input: RF	PNO: Fast 😱 Trig: Free Run		DET P S N N N N	
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X Y EUNCTION FUNCTION WIDTH FUNCTION WALLE 5.263 850 GHz 8.12 dBm 6.259 875 GHz 0.90 dBm Mkr → RefL	40.0				
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NO GHz Span 25.00 MHz MHz #VBW 3.0 MHz #Sweep 500 ms (1001 pts) MHz #Sweep 500 ms (1001 pts) Mkr→C 5.263 850 GHz 8.12 dBm Mkr→RefL 5.259 875 GHz 0.90 dBm Mkr→RefL	60.0				MarkerDel
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MHz #VBW 3.0 MHz #Sweep 500 ms (1001 pts) × Y FUNCTION FUNCTION WIDTH FUNCTION VALUE 5.263 850 GHz 8.12 dBm Mkr→C 5.259 875 GHz -0.90 dBm Mkr→RefL	2020				
X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE 5.263 850 GHz 8.12 dBm 5.269 875 GHz -0.90 dBm 6.269 875 GHz -0.90 dBm 0	enter 5.26000 GHz				
5.263 850 GHz 8.12 dBm 5.259 875 GHz -0.90 dBm	Res BW 1.0 MHz	#VBW 3.0 MHz	#Sweep 50	00 ms (1001 pts)	Mkr→C
5.259 875 GHz -0.90 dBm Mkr→RefL			NCTION FUNCTION WIDTH	FUNCTION VALUE	
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Channel 52:

Channel 60:

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NextPea	50 GHz	370	Mkr2 5		dB	#Atten: 30	Gain:Low	I				
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	5.00 MHz						100 100 (100 (100 (100 (100 (100 (100 (1		0 GHz			
Mkr→C			#Sweep 5			/ 3.0 MHz	#VB			1.0 P		
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Channel 64:

Channel 100:

