Agilent Spectrum Analyzer - Swept SA				
	SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	07:32:51 AM Sep 07, 2013 TRACE 1 2 3 4 5 6	Frequency
Center Freq 5.270000000 GHz PNO: Fast IFGain:Low	Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr	TYPE MWWWWW DET P N N N N N	
10 dB/div Ref 20.00 dBm		Mk	r2 5.250 0 GHz -33.00 dBm	Auto Tune
10.0 0.00 -10.0	www.	ann a star		Center Freq 5.270000000 GHz
-20.0 -30.0 -40.0 -50.0 June Mart Harbory Min Constant of Constant		3 Mahanan	32.10 dBm	Start Freq 5.220000000 GHz
-50.0 graphin differ 1			- and hand and hally bring	Stop Freq 5.320000000 GHz
Center 5.27000 GHz #Res BW 390 kHz #VBW	1.0 MHz	Sweep	Span 100.0 MHz 1.00 ms (1001 pts)	CF Step 10.000000 MHz
MKR MU003 TEC SQL X 1 N 1 f 5.257 8 GHz 2 N 1 f 5.250 0 GHz 3 N 1 f 5.289 6 GHz 4 5 5 5 5	Y FU -6.10 dBm -33.00 dBm -32.38 dBm	INCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man Freq Offset 0 Hz
6 7 8 9 10 11 12 12				
MSG	U	STATUS		

Channel 54 – Chain A

Channel 62 – Chain A

RL RF 50Ω AC	SENSE:INT	ALIGN AUTO	07:49:10 AM Sep 07, 2013	
	Trig: Free Run in:Low #Atten: 30 dB	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P N N N N N	Frequency
0 dB/div Ref 20.00 dBm		Mk	r2 5.290 1 GHz -33.90 dBm	Auto Tun
og 10.0 10.0	1			Center Fre 5.31000000 GH
0.0	2	3		Start Fr 5.26000000 G
0.0 0.0 0.0 0.0		······································	er ware and a second	Stop Fr 5.36000000 G
enter 5.31000 GHz Res BW 390 kHz	#VBW 1.0 MHz		Span 100.0 MHz 1.00 ms (1001 pts)	CF Sto 10.000000 M
KF MODE TRC SCL X 1 N 1 f 5.297 8 2 N 1 f 5.290 1 3 N 1 f 5.329 5 4	GHz -6.56 dBm GHz -33.90 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto M Freq Offs
5 6 6 7 8 9 9				0
0				

Agilent Spectrum Analyzer - Swept SA		0.9					
RL RF 50 Ω AC Center Freg 5.510000000 (20-7	SENSE:IN		ALIGNAUTO : Log-Pwr		M Sep 07, 2013	Frequency
	PNO: Fast 😱 IFGain:Low	Trig: Free Run #Atten: 30 dB			TY		
10 dB/div Ref 20.00 dBm				Mk		0 0 GHz 80 dBm	Auto Tune
10.0 0.00 -10.0	1	1.4000 1. 1.000	eneral in the land and and and and and and and and and				Center Freq 5.510000000 GHz
-20.0 -30.0 -40.0 -50.0	2			3	-Aluntwine		Start Freq 5.46000000 GHz
-50.0					- to villa	Politica and a second	Stop Freq 5.560000000 GHz
Center 5.51000 GHz #Res BW 390 kHz	#VBW	1.0 MHz		-	1.00 ms (00.0 MHz 1001 pts)	CF Step 10.000000 MHz
2 N 1 f 5.49	07 9 GHz 0 0 GHz	-6.66 dBm -32.80 dBm	FUNCTION FU	NCTION WIDTH	FUNCTIO	ON VALUE	<u>Auto</u> Mar
4 5 6	29 6 GHz	-32.83 dBm					Freq Offset 0 Hz
7 8 9 10							
11 12 MSG				STATUS			

Channel 102 – Chain A

Channel 110 – Chain A

RL	RF 50 Ω	AC	SENSE:INT	ALIGN AUTO	08:05:01 AM Sep 07, 2013	_
enter Fr	eq 5.550000	000 GHz PNO: Fast IFGain:Low	Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P N N N N N	Frequency
0 dB/div	Ref 20.00 dB	m		Mk	r2 5.530 0 GHz -31.40 dBm	Auto Tur
og 10.0						Center Fr
0.00		popul	and produced for the second	uners more barthe		5.550000000 G
0.0		2		3		Start Fr
10.0 10.0		. some of			-30.99 dBm	5.50000000 G
	Adapt Mary Mary Mary	4(Jan 1990)		W. Mayor	who we want to any west from	01 F
0.0						Stop Fr 5.600000000 G
enter 5.5 Res BW	5000 GHz 390 kHz	#VE	3W 1.0 MHz	Sweep	Span 100.0 MHz 1.00 ms (1001 pts)	CF St 10.000000 M
KR MODE TR 1 N 1	f	× 5.547 9 GHz	⊻ -4.99 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto N
2 N 1 3 N 1 4	f	5.530 0 GHz 5.569 5 GHz	-31.40 dBm -32.97 dBm			Freq Offs
5 6 7						0
8						
0						

gilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC		CENIC	E:INT	1	ALIGN AUTO	00-12-50 A	M Sep 07, 2013	
enter Freq 5.670000000 GH	D: East	Trig: Free F #Atten: 30 c	lun	Avg Type	: Log-Pwr	TRAC TYP	E 1 2 3 4 5 6 E MWWWWW ET P NNNNN	Frequency
0 dB/div Ref 20.00 dBm					Mk		02 GHz 71 dBm	Auto Tun
og	powershine	and and a start of the	1	allowater a				Center Fre 5.670000000 GH
40.0	2				3		-31.72 dBm	Start Fre 5.62000000 GH
50.0						and the second		Stop Fre 5.720000000 G⊦
center 5.67000 GHz Res BW 390 kHz	#VBW 1	I.0 MHz				1.00 ms (00.0 MHz 1001 pts)	CF Ste 10.000000 MH
KR MODE TRC SCL X 1 N 1 f 5.675.8		-5.72 dBr	n	TION FU	NCTION WIDTH	FUNCTIO	IN VALUE	<u>Auto</u> Ma
2 N 1 f 5.650.2 3 N 1 f 5.689.7 4 - - - 5 - - - 6 - - -		<u>-34.71 dBr</u> -35.68 dBr						Freq Offs 0 F
7 8 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10								
12					STATUS			

Channel 134 – Chain A

Channel 38 – Chain B

RL RF 50 S		SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	07:22:19 AM Sep 07, 2013 TRACE 1 2 3 4 5 6	Frequency
enter Freq 5.1900	UUUUU GHZ PNO: Fast G IFGain:Low	→ Trig: Free Run #Atten: 30 dB	Avg Type. Log-Pwr	TYPE MWWWWW DET P N N N N N	
) dB/div Ref 20.00	dBm		Mk	r2 5.169 9 GHz -34.00 dBm	Auto Tui
9 g 0.0					Center Fr
00	and and	1 1			5.190000000 G
1.0	2	V.	3		Stort Er
0.0				-33:01 dBm	Start Fr 5.140000000 G
0.0	And Low Land Barrier Black		madayence	hallower house	
0.0					Stop Fr 5.240000000 G
0.0					0.240000000
enter 5.19000 GHz Res BW 390 kHz	#VBV	V 1.0 MHz	Sweep	Span 100.0 MHz 1.00 ms (1001 pts)	CF St 10.000000 M
R MODE TRC SCL	× 5.184 5 GHz	-7.01 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> N
2 N 1 f 3 N 1 f	5.169 9 GHz 5.209 7 GHz	-34.00 dBm -33.62 dBm			Freq Offs
4 5 3					0
3					
9					
1					

Agilent Spectrum Analyzer - Swept SA				
Center Freg 5.230000000 GHz	SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	07:29:02 AM Sep 07, 2013 TRACE 1 2 3 4 5 6	Frequency
PNO: Fast 🖵 IFGain:Low	┘ Trig: Free Run #Atten: 30 dB		TYPE MWWWWW DET P N N N N N	
10 dB/div Ref 20.00 dBm		Mk	r2 5.210 1 GHz -32.79 dBm	Auto Tune
10.0 0.00 -10.0	many and man			Center Freq 5.230000000 GHz
-20.0 -30.0 -40.0 -50.0		3 Manana	32.19 dBm	Start Freq 5.180000000 GHz
-50.0			- we property of the	Stop Freq 5.280000000 GHz
Center 5.23000 GHz #Res BW 390 kHz #VBW	1.0 MHz	Sweep	Span 100.0 MHz 1.00 ms (1001 pts)	CF Step 10.000000 MHz
MKR MODE TRC SCL X 1 N 1 f 5.217 9 GHz 2 N 1 f 5.210 1 GHz	-6.19 dBm -32.79 dBm	INCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
3 N 1 f 5.249.7 GHz 4	-32.43 dBm			Freq Offset 0 Hz
6 9 10 11 12 12				
MSG		STATUS		

Channel 46 – Chain B

Channel 54 – Chain B

RL RF 50 Ω	AC	SENSE:INT	ALIGN AUTO	07:36:19 AM Sep 07, 2013	-
enter Freq 5.27000	00000 GHz PNO: Fast IFGain:Low	→ Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P N N N N N	Frequency
) dB/div Ref 20.00 (dBm		Mk	r2 5.249 7 GHz -34.50 dBm	Auto Tur
og 0.0 0.00		1 marine warm	montan		Center Fre 5.270000000 Gi
0.0 0.0 0.0	2		3 Vary May	-31.83 dBm	Start Fro 5.220000000 GI
0.0				YUNARA MATARAN	Stop Fr 5.32000000 G
enter 5.27000 GHz Res BW 390 kHz	#VB	W 1.0 MHz	Sweep	Span 100.0 MHz 1.00 ms (1001 pts)	CF St 10.000000 M
KR MODE TRC SCL 1 N 1 f 2 N 1 f	× 5.261 5 GHz 5.249 7 GHz	-5.83 dBm -34.50 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> M
3 N 1 f 4 5 6 6	5.289 8 GHz	-32.68 dBm			Freq Offs 0
7 8 9 0 1					
2					

Agilent Spectrum Analyzer - Swej	pt SA	00 IS			
RL RF 50 Ω Center Freq 5.31000	AC 0000 GHz	SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr	07:52:08 AM Sep 07, 2013 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast G	Trig: Free Run #Atten: 30 dB		TYPE MWWWWW DET PNNNNN	Auto Tune
10 dB/div Ref 20.00 d	Bm		Mk	r2 5.290 2 GHz -31.63 dBm	Auto Tune
10.0 0.00 	- 1 mul	monmy	Nurthermore		Center Freq 5.310000000 GHz
-20.0 -30.0 -40.0	2 hourse of		3	.31.44 dBm	Start Freq 5.260000000 GHz
-50.0 70000 00000000000000000000000000000					Stop Freq 5.36000000 GHz
Center 5.31000 GHz #Res BW 390 kHz		1.0 MHz		Span 100.0 MHz 1.00 ms (1001 pts)	CF Step 10.000000 MHz
MKR MODE TEC SGL 1 N 1 f 2 N 1 f 3 N 1 f 4 - - - 5 - - - 6 - - - 7 - - - 9 - - - 10 - - - 12 - - -	× 5.297 9 GHz 5.290 2 GHz 5.329 7 GHz	5.44 dBm -31.63 dBm -32.10 dBm	UNCTION FUNCTION WIDTH		<u>Auto</u> Man Freq Offset 0 Hz

Channel 62 – Chain B

Channel 102 – Chain B

RL RF 50 Ω		SENSE:INT	ALIGNAUTO	08:01:45 AM Sep 07, 2013	Frequency
enter Freq 5.51000	DOOOO GHz PNO: Fast IFGain:Low	Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr	TRACE 123456 TYPE MWWWWW DET PNNNNN	
dB/div Ref 20.00	dBm		Mk	r2 5.489 8 GHz -33.25 dBm	Auto Tui
99 0.0					Center Fr
00	- mark	\rightarrow	e allaman agains		5.510000000 G
0.0	<u> </u>	*			
1.0	•2		3	-29.68 dBm	Start Fr
1.0	prover Manager		Vinner	man man abelongen	5.460000000 0
				Warnahappopung	
.0					Stop Fr 5,560000000 G
0.0					
enter 5.51000 GHz Res BW 390 kHz	#VE	SW 1.0 MHz	Sweep	Span 100.0 MHz 1.00 ms (1001 pts)	CF St
R MODE TRC SCL	×		UNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto N
N 1 f N 1 f	5.504 8 GHz 5.489 8 GHz	-3.67 dBm -33.25 dBm			
3 N 1 f	5.529 9 GHz	-31.43 dBm			Freq Offs
5					0
7					
3					
3 9 0					

Agilent Spectrum Analyzer - Swept SA		15					
LXI RL RF 50Ω AC		SENSE:INT		ALIGN AUTO		M Sep 07, 2013	Frequency
Center Freq 5.550000000 GHz PNO IFGai	East Trig: F	ree Run : 30 dB	Avg Type	: Log-Pwr	TYP	E 1 2 3 4 5 6 E MWWWWWW T P N N N N N	
10 dB/div Ref 20.00 dBm				Mk) 1 GHz)1 dBm	Auto Tune
10.0 0.00 -10.0		1	Inunanga				Center Freq 5.550000000 GHz
-20.0 -30.0 -40.0 -50.0	2			3	w. m. m.	-29.92 dBm	Start Freq 5.50000000 GHz
-50.0						and and a second of the second	Stop Fred 5.600000000 GHz
Center 5.55000 GHz #Res BW 390 kHz	#VBW 1.0 M				1.00 ms (00.0 MHz 1001 pts)	CF Step 10.000000 MHz
MKR MODE TRC SCL X 1 N 1 f 5.555.9 2 N 1 f 5.530.1		2 dBm dBm	NCTION FUI	NCTION WIDTH	FUNCTIO	IN VALUE	<u>Auto</u> Man
3 N 1 f 5.569 6 4 4 5 6 6	GHz -31.86	6 dBm					Freq Offset 0 Hz
7 8 9 10 11							
12 MSG				STATUS			

Channel 110 – Chain B

Channel 134 – Chain B

RL	RF 50 Ω A	IC	SENSE: INT	ALIGNA	UTO 08:15:56 AM Sep 0	7,2013
enter Fr	eq 5.6700000	100 GHz PNO: Fast C IFGain:Low	Trig: Free Run #Atten: 30 dB	Avg Type: Log-F	Pwr TRACE 1 2 3 TYPE MWA DET P N I	
0 dB/div	Ref 20.00 dBi	m			Mkr2 5.632 9 0 -18.73 d	
og 10.0				∆ ¹		Center Fre
0.00	-	manulti	inducer manage for them	Musamma		5.67000000 GI
0.0		marken and and and and and and and and and an		hange	-18	.14 dBm
80.0 Window 10.0	And the second sec				Samonard In many where	5.620000000 G
0.0						
0.0						Stop Fr 5.720000000 G
	7000 GHz				Snan 100.0	
Res BW		#VB	N 1.0 MHz	Swee	Span 100.0 ep 1.00 ms (1001	pts) CF Sto 10.000000 M
Krimode tr 1 N 1	f	× 5.675 9 GHz	7.86 dBm	FUNCTION FUNCTION V	VIDTH FUNCTION VALU	
2 N 1 3 N 1 4	f f	5.632 9 GHz 5.696 2 GHz	-18.73 dBm -18.48 dBm			
5 6						0
7 8 9						
0						
	1 1					

4. Peak Power Spectral Density

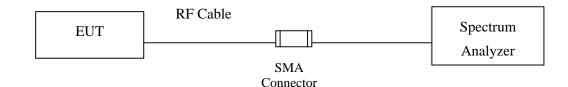
4.1. Test Equipment

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
	Spectrum Analyzer	R&S	FSP40 / 100170	Jun, 2013
	Spectrum Analyzer	Agilent	E4407B / US39440758	Jun, 2013
Х	Spectrum Analyzer	Agilent	N9010A / MY48030495	Apr, 2013

Note:

- 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
- 2. The test instruments marked with "X" are used to measure the final test results.

4.2. Test Setup



4.3. Limits

- (4) For the band 5.15-5.25 GHz, the peak power spectral density shall not exceed 4 dBm in any 1-MHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
- (5) For the band 5.25-5.35 GHz, the peak power spectral density shall not exceed 11 dBm in any 1-MHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.
- (6) For the band 5.725-5.825 GHz, the peak power spectral density shall not exceed 17 dBm in any 1-MHz band. If transmitting antenna of directional gain greater than 6 dBi are used, the peak power spectral density shall be reduced by the amount in dB that directional gain of the antenna exceeds 6 dBi.

4.4. Test Procedure

The EUT was setup to ANSI C63.10, 2009; tested to DTS test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

The Peak Power Spectral Density using KDB 789033 section F) procedure, Create an average power spectrum for the EUT operating mode being tested by following the instructions in section E)2) for measuring maximum conducted output power using a spectrum analyzer. SA-1 method is selected to run the test.

4.5. Uncertainty

± 1.27 dB

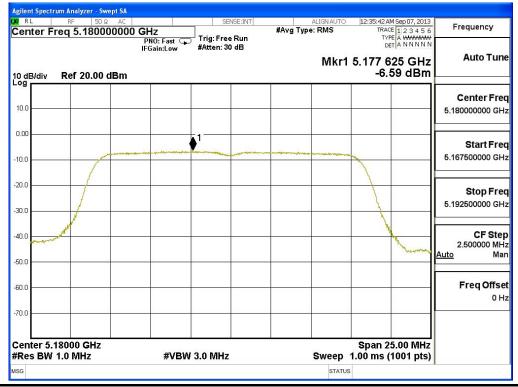
4.6. Test Result of Peak Power Spectral Density

Product	:	802.11a/b/g/n 2T2R Wireless Lan USB Module
Test Item	:	Peak Power Spectral Density
Test Site	:	No.3 OATS
Test Mode	:	Mode 1: Transmit (802.11a-6Mbps)

Channel Number	Frequency (MHz)	Measurement Level (dBm)	Required Limit (dBm)	Result
36	5180	-6.590	<3.86	Pass
44	5220	-6.810	<3.86	Pass
48	5240	-6.920	<3.86	Pass
52	5260	-5.960	<10.68	Pass
60	5300	-6.930	<10.68	Pass
64	5320	-7.500	<10.68	Pass
100	5500	-5.970	<11	Pass
116	5800	-6.610	<11	Pass
140	5700	-3.570	<11	Pass

Note: .The peak antenna gain exceeds 6 dBi that therefore the limit needs to reduce.

Channel 36:





Agilent Spectrum Analyzer - Swept SA Agilent Spectrum many RL RF 50 Q AC | Center Freq 5.220000000 GHz PNO: Fast IFGain:Low
 ALIGN AUTO
 12:42:27 AM Sep 07, 2013

 #Avg Type: RMS
 TRACE 1 2 3 4 5 6 TYPE A WNWWY

 DET A NNNN
 DET A NNNNN
 SENSE:INT Frequency Trig: Free Run #Atten: 30 dB Auto Tune Mkr1 5.218 525 GHz Ref 20.00 dBm -6.81 dBm 10 dB/div **Center Freq** 10.0 5.220000000 GHz 0.00 **♦**¹ Start Freq 5.207500000 GHz -10.0 -20.0 Stop Freq 5.232500000 GHz -30.0 CF Step 2.500000 MHz -40.0 Auto Man -50.0 **Freq Offset** -60.0 0 Hz -70.0 Span 25.00 MHz Sweep 1.00 ms (1001 pts) Center 5.22000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz STATUS MSG

Channel 44:

Channel 48:

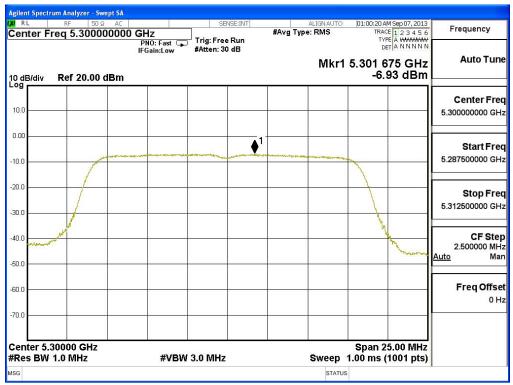




Frequency	4 Sep 07, 2013 E 1 2 3 4 5 6	TRACE	ALIGNAUTO	#Avg Typ	SENSE:INT	GHz	RF 50 Ω AC req 5.260000000	RL Center F
Auto Tur	50 GHz 6 dBm	DET	Mkr1		┘ Trig: Free Run #Atten: 30 dB	PNO: Fast 🍙 IFGain:Low	Ref 20.00 dBm	0 dB/div
Center Fre 5.260000000 GH								o.o
Start Fre 5.247500000 GH		~	when when a second	generation of the generation		● ¹		.00
Stop Fre 5.272500000 GH								0.0 0.0
CF Ste 2.500000 MH Auto Ma	han mare	* *					and the second s	0.0
Freq Offs 0 H								1.0
	5.00 MHz 1001 pts)	25 Span 1.00 ms 1	Sweep		3.0 MHz	#VBW	26000 GHz 1.0 MHz	

Channel 52:

Channel 60:

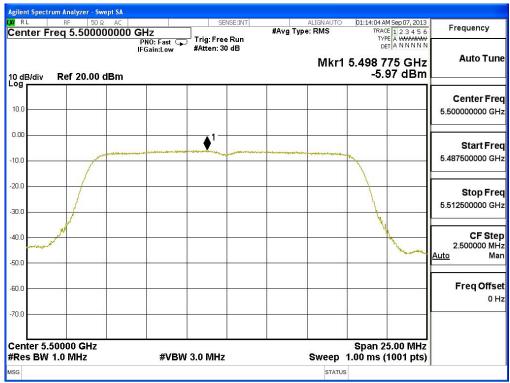




RL RF 50 Ω AC		SENSE:INT	ALIGN AUTO	01:39:20 PM Jun 25, 2013	Frequency
enter Freq 5.3200000	DO GHZ PNO: Fast IFGain:Low	Trig: Free Run #Atten: 30 dB	#Avg Type: RMS	TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A N N N N N	riequency
dB/div Ref 20.00 dBm			Mkr1	5.313 300 GHz 4.16 dBm	Auto Tur
0.0	1				Center Fro 5.320000000 GI
00		and the second	w. w	~	
0.0					Start Fr 5.307500000 G
0.0 manufactor				an many marked	Stop Fr
0.0					5.332500000 G
.0	5				CF Sto 2.500000 M
0.0					<u>Auto</u> M
.0					Freq Offs 0
.0					
enter 5.32000 GHz Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep	Span 25.00 MHz 1.00 ms (1001 pts)	
3	2000-2000-2000-2000-2000-2000-2000-200	ta sense e nazionale anno 1000	STATUS		

Channel 64:

Channel 100:





Frequency	1:22:33 AM Sep 07, 2013	01:22	ALIGN AUTO		VSE:INT	SEN		DΩ AC		RL
27 10	TRACE 1 2 3 4 5 6 TYPE A WWWWWW DET A N N N N N		e: RMS	#Avg Ty		Trig: Free #Atten: 30	GHz PNO: Fast 😱 IFGain:Low	000000	req 5.5800	enter F
Auto Tur	581 100 GHz -6.61 dBm		Mkr1		~			0 dBm	Ref 20.00	dB/div
Center Fre										3
5.58000000 GH		-								0.0
StartFre		-			1					00
5.567500000 GI	<u></u>	1	and a conception of the	and the second	Contraction of the second	and a construction of the second s	99(194)-m-19 ⁻ 30356-76-248-48-	- and all and a start of the st	1	0.0
Stop Fre				-	-					
5.592500000 GI									NT	
CF Ste 2.500000 MI	N.	-		-	7			_	and the second second	.0
<u>uto</u> M		-			-			_		.0
Freq Offs					-					.0
01				_						
	pan 25.00 MHz 0 ms (1001 pts)		Sweep			3.0 MHz	#VBW		58000 GHz 1.0 MHz	

Channel 116:

Channel 140:



Product	:	802.11a/b/g/n 2T2R Wireless Lan USB Module
Test Item	:	Peak Power Spectral Density
Test Site	:	No.3 OATS

Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)

Channel Number	Frequency (MHz)	Chain	PPSD/MHz (dBm)	Total PPSD/MHz (dBm)1	Required Limit (dBm)	Result
26	5190	А	-7.80	-4.79	<3.86	Pass
36	5180	В	-7.83	-4.82	<3.86	Pass
4.4	5220	А	-8.24	-5.23	<3.86	Pass
44	5220	В	-7.68	-4.67	<3.86	Pass
40	52.40	А	-7.63	-4.62	<3.86	Pass
48	5240	В	-7.92	-4.91	<3.86	Pass
50	5260	А	-7.28	-4.27	<10.68	Pass
52	5260	В	-6.58	-3.57	<10.68	Pass
C 0	5200	А	-8.68	-5.67	<10.68	Pass
60	5300	В	-7.03	-4.02	<10.68	Pass
<i>C</i> 1	5220	А	-9.27	-6.26	<10.68	Pass
64	5320	В	-7.54	-4.53	<10.68	Pass
100	5500	А	-7.72	-4.71	<11	Pass
100	5500	В	-7.90	-4.89	<11	Pass
116	5590	А	-8.37	-5.36	<11	Pass
116	5580	В	-7.25	-4.24	<11	Pass
140	5700	А	-5.44	-2.43	<11	Pass
140	5700	В	-3.84	-0.83	<11	Pass

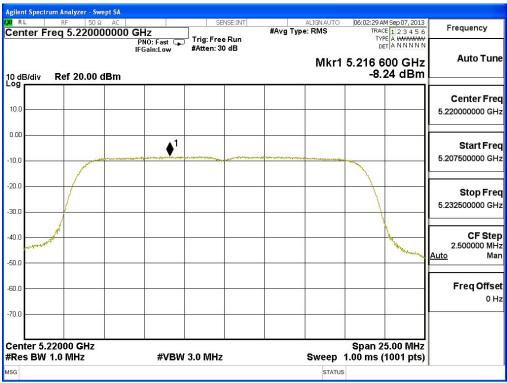
Note: 1. The quantity 10*log 2 (two antennas) is added to the spectrum peak value according to document 662911 D01.

2. The peak antenna gain exceeds 6 dBi that therefore the limit needs to reduce.

Frequency	05:51:58 AM Sep 07, 2013 TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A N N N N N	ALIGN AUTO Type: RMS	#A	SENSE:INT Trig: Free Run #Atten: 30 dB	D GHz PNO: Fast G IFGain:Low	RF 50 Ω AC q 5.18000000	enter Fi
Auto Tur	5.175 925 GHz -7.80 dBm	Mkr1		Arten. 30 dB	IFGain:Low	tef 20.00 dBm) dB/div
Center Fre 5.180000000 GH							.0
Start Fre 5.167500000 GH		and the state of t	ginnel for by two	anglessanders and a start of a star	↓ ¹		00
Stop Fre 5.192500000 GF							.0
CF Ste 2.500000 MH Auto Ma	A Manual Anna						1.0 .0
Freq Offs 0 H			_				.0
							.0
	Span 25.00 MHz 1.00 ms (1001 pts)	Sweep		.0 MHz	#VBW	000 GHz 0 MHz	enter 5.1 Res BW

Channel 36 – Chain A

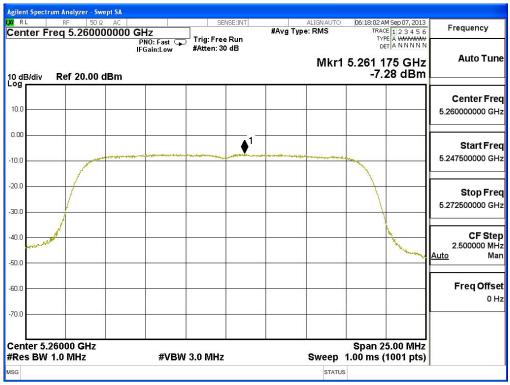
Channel 44 – Chain A



Frequency	1 2 3 4 5 6 A WWWWW A N N N N N	TYPE	ALIGNAUTO De: RMS	#Avg Ty	SENSE:INT Trig: Free Run #Atten: 30 dB) GHz PNO: Fast 😱 IFGain:Low	RF 50 Ω AC eq 5.24000000	enter
Auto Tur	25 GHz 33 dBm	5.236 82 -7.6	Mkr1				Ref 20.00 dBm) dB/div
Center Fre 5.240000000 GR						5		0.0
Start Fre 5.227500000 GF			and the second	un an colorana	and a second	↓ 1		00
Stop Fre 5.252500000 GF).0).0
CF Ste 2.500000 Mi <u>Auto</u> Mi	Mar March March							.0
Freq Offs 0 F								.0
	5.00 MHz 1001 pts)	Span 25 1.00 ms (1	Sweep		3.0 MHz	#VBW	4000 GHz I.0 MHz	

Channel 48 – Chain A

Channel 52 – Chain A

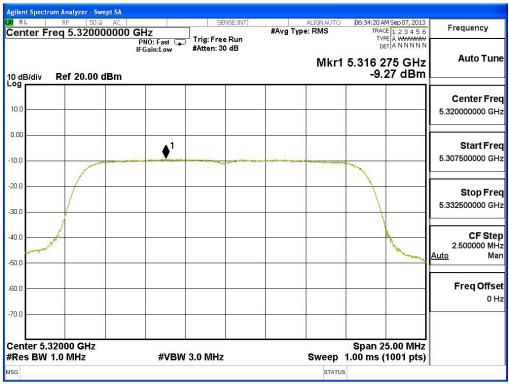




	1.0 MHz	#VBW	3.0 MHz	Sweep	1.00 ms (1001 pts	
enter 5.	.30000 GHz				Span 25.00 MH	z
0.0						-
0.0						_ FreqOffse 0 ⊢
0.0						
0.0	und				Unergonam	CF Ste 2.500000 MH Auto Ma
).0	/					_
0.0	/					Stop Fre
		10-040			and a second	
0.0		♦ ¹	and the second	ng an Alian Spanish na yan Alian sayan yang ang ang ang ang ang ang ang ang ang		Start Fre 5.287500000 GH
00						_
0.0						Center Fre 5.30000000 GH
dB/div	Ref 20.00 dBr	n			-8.68 dBn	n
		PNO: Fast 🕞 IFGain:Low	#Atten: 30 dB	Mkr1	TYPE A WWWWA DET A N N N N 5.296 200 GH	A
RL enter F	req 5.3000000	00 GHz	Trig: Free Run	#Avg Type: RMS	TRACE 1 2 3 4 5	6 Frequency
	RF 50 Ω A		SENSE:INT	ALIGN AUTO	06:27:00 AM Sep 07, 201	3

Channel 60 – Chain A

Channel 64 – Chain A



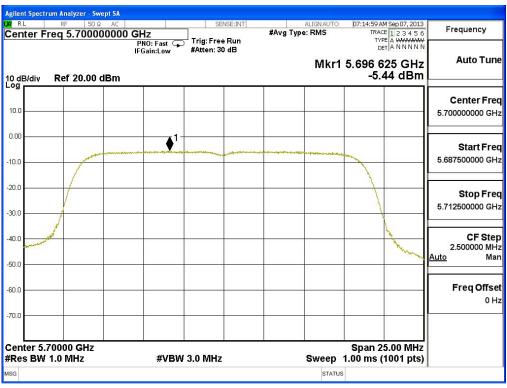


G		# 4 D ¥		STAT		'
	.50000 GHz 1.0 MHz	#VBM	3.0 MHz	Sweep	Span 25.00 MHz 1.00 ms (1001 pts	
0.0						
						ОН
0.0						Freq Offse
0.0						Auto Ma
0.0	A				Marine	CF Ste 2.500000 MH
~~~~~	1				Y	
0.0						5.512500000 GH
0.0						Stop Fre
0.0	1 martine	an a	and the start of t	and a second of the second	~	5.487500000 GH
.00		<b>♦</b> ¹				Start Fre
.00						
0.0						Center Fre 5.500000000 GH
dB/div	Ref 20.00 dBm	I			-7.72 dBir	1
				Mkr	1 5.495 650 GHz -7.72 dBm	
enterr	req 5.5000000	PNO: Fast IFGain:Low	Trig: Free Run #Atten: 30 dB		TYPE A WWWWW DET A N N N N I	N
ontor E	reg 5.5000000		SENSE:INT	ALIGN AUTO #Avg Type: RMS	TRACE 1 2 3 4 5 1	Frequency

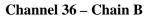
### Channel 100 – Chain A

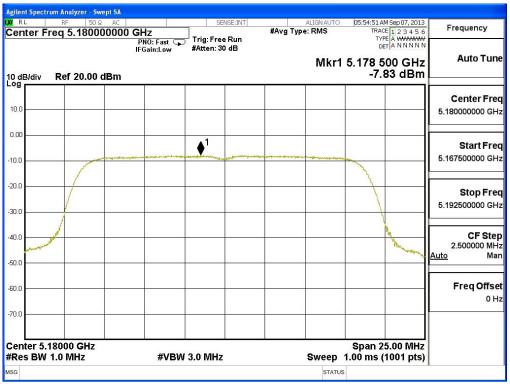
Channel 116 – Chain A

RL	RF 50 Ω A		SENSE:INT		ALIGN AUTO	07:06:22 AM Sep 07, 2013		
enter F	req 5.5800000	100 GHz PNO: Fast 🍙 IFGain:Low	Trig: Free Run #Atten: 30 dB	#Avg Typ	e: RMS	TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A N N N N 1		
) dB/div	Ref 20.00 dBr	n			Mkr1 5.581 825 GHz -8.37 dBm			
							Center Fre	
0.0							5.580000000 G	
.00				1			Otort Fr	
0.0	and water and		www.minuser of allerning		W ^{and} alahan Kalan		Start Fr 5.567500000 G	
			× 15					
0.0 <u> </u>	/						Stop Fr 5.592500000 G	
	1							
).0 						Manganak	CF St 2.500000 M Auto M	
).0							Freq Offs	
1.0							0	
0.0								
	58000 GHz 1.0 MHz		3.0 MHz		Sween	Span 25.00 MHz 1.00 ms (1001 pts)		
G			5.5 IIII IZ		STATUS	•		



Channel 140 – Chain A



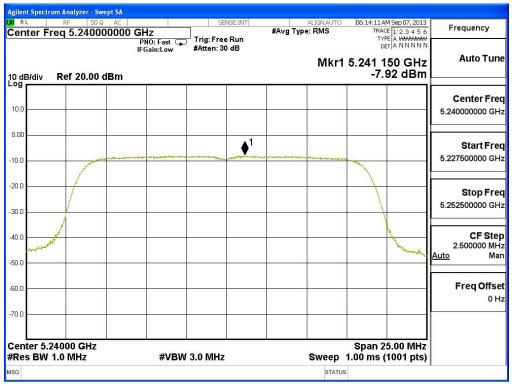




Frequency	06:05:25 AM Sep 07, 2013	ALIGN AUTO	SENSE:INT		im Analyzer - Swept SA RF 50 Ω AC	RL
Auto Tun	TRACE 123456 TYPE A WWWWW DET A NNNNN 5.214 850 GHz -7.68 dBm	Avg Type: RMS Mkr1	Trig: Free Run #Atten: 30 dB	) GHz PNO: Fast 🏳 IFGain:Low	eq 5.220000000 Ref 20.00 dBm	enter F
Center Fre 5.220000000 G⊦						
Start Fre 5.207500000 GH		and the first and a graph of the second		1	and the second second second second	00 0.0
<b>Stop Fre</b> 5.232500000 GH						0.0
CF Ste 2.500000 MH .uto Ma	and the second s					0.0
Freq Offs						.0
						0.0
	Span 25.00 MHz 1.00 ms (1001 pts)	Sweep	3.0 MHz	#VBW	2000 GHz 1.0 MHz	

Channel 44 – Chain B

Channel 48 – Chain B

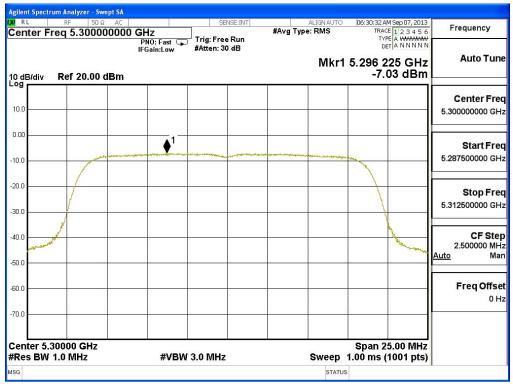




1 Analyzer - Swept SA			
RF 50 Ω AC SENSE:INT	ALIGN AUTO 06:23:46 AM Sep 07, 2013	Frequency	
rg 5.260000000 GHz PNO: Fast → IFGain:Low #Atten: 30 dB	#Avg Type: RMS TYPE A WWWWW Det A NNNN Mkr1 5.256 075 GHz	Auto Tun	
Ref 20.00 dBm	-6.58 dBm		
		Center Fre 5.26000000 GH	
		<b>Start Fre</b> 5.247500000 G⊦	
		Stop Fre 5.272500000 G⊢	
	A	CF Ste 2.500000 MH <u>uto</u> Ma	
		Freq Offs	
000 GHz 0 MHz #VBW 3.0 MHz	Span 25.00 MHz Sweep 1.00 ms (1001 pts)		
	STATUS		

#### Channel 52 – Chain B

### Channel 60 – Chain B

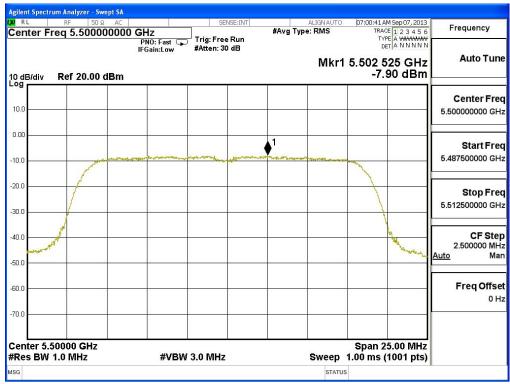




	32000 GHz 1.0 MHz	#VBW	3.0 MHz	Sweep	Span 25.00 MHz 1.00 ms (1001 pts)	
0.0						
0.0						Freq Offso 0 H
0.0					neveren	Auto Ma
.0					h h	CF Ste 2.500000 MH
						Stop Fre 5.332500000 Gł
.0						
		<b>♦</b> ¹	manage and the second second second second			Start Fre 5.307500000 GH
0.0						5.320000000 GH
dB/div	Rei 20.00 dBri	1				Center Fre
	Ref 20.00 dBn	PNO: Fast 🖵 IFGain:Low	ḋ Trig: Free Run #Atten: 30 dB	Mkr1	Mkr1 5.316 300 GHz -7.54 dBm	
enter F	req 5.3200000		]	#Avg Type: RMS	TRACE 1 2 3 4 5 6 TYPE A WANNAM	Frequency

#### Channel 64 – Chain B

Channel 100 – Chain B





	07:09:51 AM Sep 07, 2013	ALIGN AUTO		SENSE:INT			m Analyzer - Swept SA RF 50 Ω AC	RL RL
Frequency Auto Tune	TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A N N N N N		#Avg Ty	g: Free Run ten: 30 dB			eq 5.58000000	
	5.580 650 GHz -7.25 dBm	Mkr1		ten. so de	ow #Atter		Ref 20.00 dBm	0 dB/div
Center Fre 5.58000000 GH								
5.58000000 GF								
Start Fre 5.567500000 GH		nine particular and		<b>●</b> ¹	ang managember ang managember by the by	منع بور من المنافق المن المن المن المن المن المن المن المن		
5.567500000 GF								0.0
<b>Stop Fre</b> 5.592500000 GH								0.0
CF Ste	N.						1	0.0
2.500000 MH Auto Ma	Mary Sameron and							0.0
Freq Offs								0.0
0 H								
								0.0
	Span 25.00 MHz .00 ms (1001 pts)	Sweep 1	1	MHz	VBW 3.0 M	#VB	8000 GHz I.0 MHz	enter 5.: Res BW
		STATUS						G

#### Channel 116 – Chain B

### Channel 140 – Chain B

