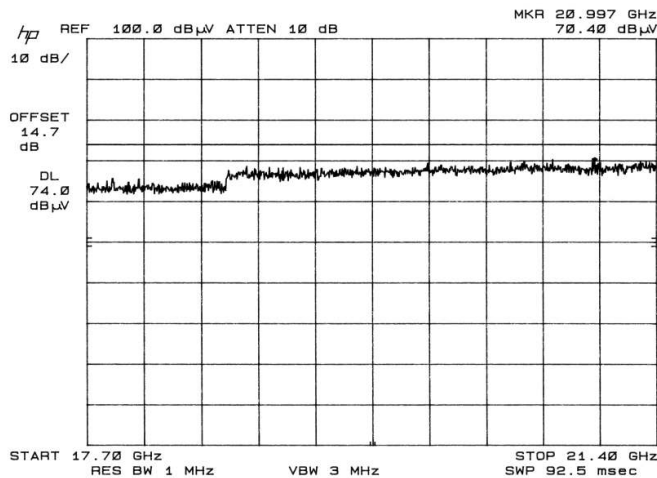
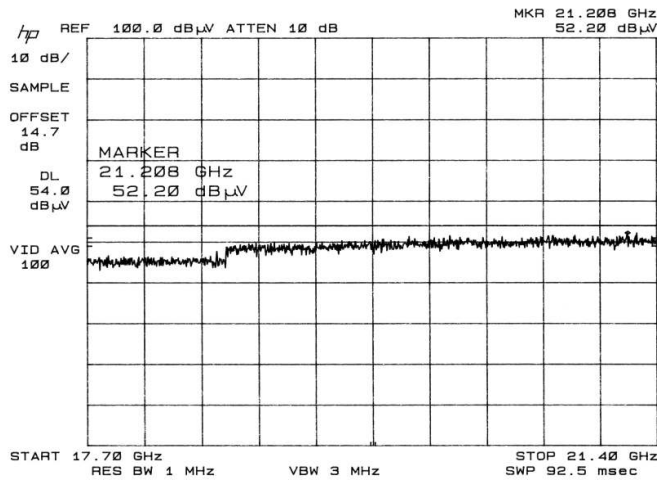




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 FAX (951) 637-2704

## Spurious Emissions (Restricted Bands)

DNB Job Number:		58042	Date:	12 Mar 2005	Specification <input checked="" type="checkbox"/> 15.205 <input checked="" type="checkbox"/> 15.247 (c) <input checked="" type="checkbox"/> 15.407 (b,7)
Customer:		3e Technologies			
Model Number:		NL5354MP+ Aires2	Serial Number:		
Description:		Wireless Access Point			
Channel	Fund Freq in MHz	Signal	Antenna Polarization	Measurement Mode	
				Top	Bottom
High	5325	801.11a	Vertical	Average	Peak

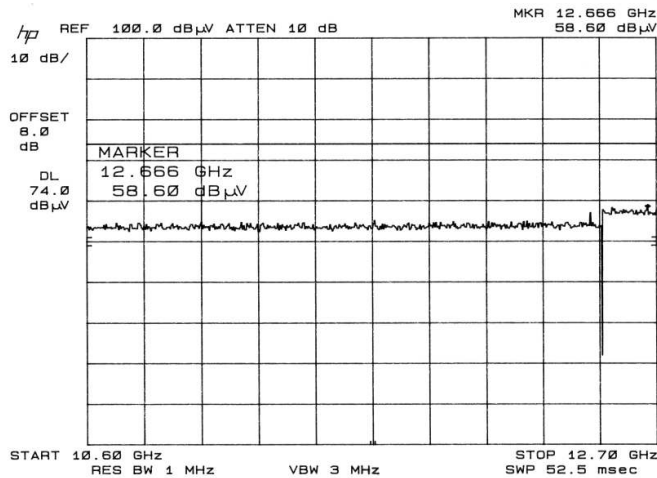
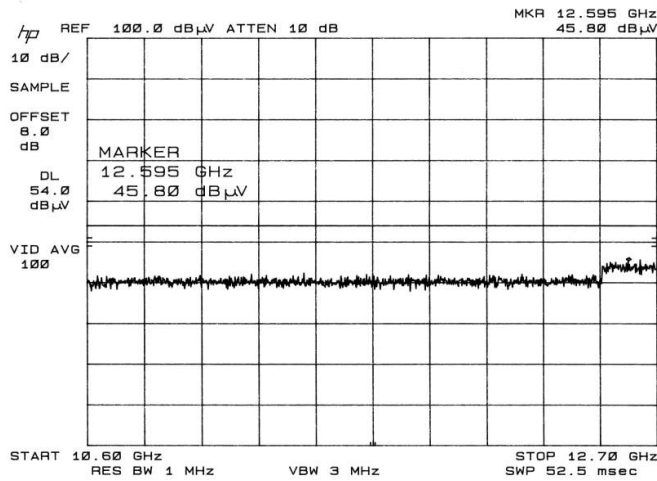




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## Spurious Emissions (Restricted Bands)

DNR Job Number:		58042	Date:		12 Mar 2005	Specification <input checked="" type="checkbox"/> 15.205 <input checked="" type="checkbox"/> 15.247 (c) <input checked="" type="checkbox"/> 15.407 (b,7)	
Customer:		3e Technologies					
Model Number:		NL5354MP+ Aires2	Serial Number:				
Description:		Wireless Access Point					
Channel	Fund Freq in MHz	Signal	Antenna Polarization	Measurement Mode			
				Top	Bottom		
Low	5735	801.11a	Horizontal	Average	Peak		

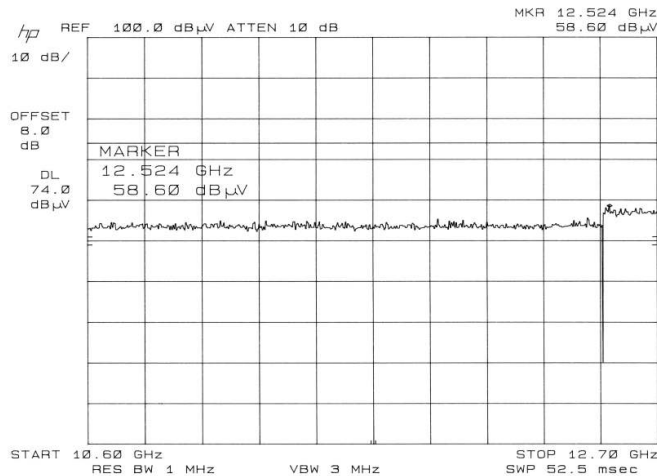
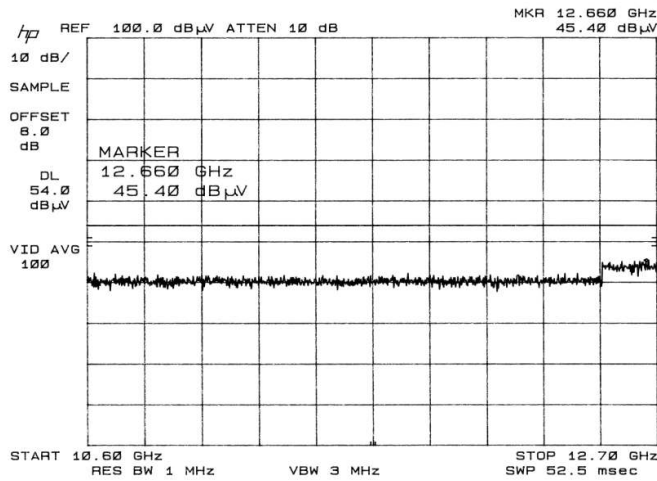




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## Spurious Emissions (Restricted Bands)

DNB Job Number:		58042	Date:		12 Mar 2005	Specification <input checked="" type="checkbox"/> 15.205 <input checked="" type="checkbox"/> 15.247 (c) <input checked="" type="checkbox"/> 15.407 (b,7)	
Customer:		3e Technologies					
Model Number:		NL5354MP+ Aires2	Serial Number:				
Description:		Wireless Access Point					
Channel	Fund Freq in MHz	Signal	Antenna Polarization	Measurement Mode			
				Top	Bottom		
Low	5735	801.11a	Vertical	Average	Peak		

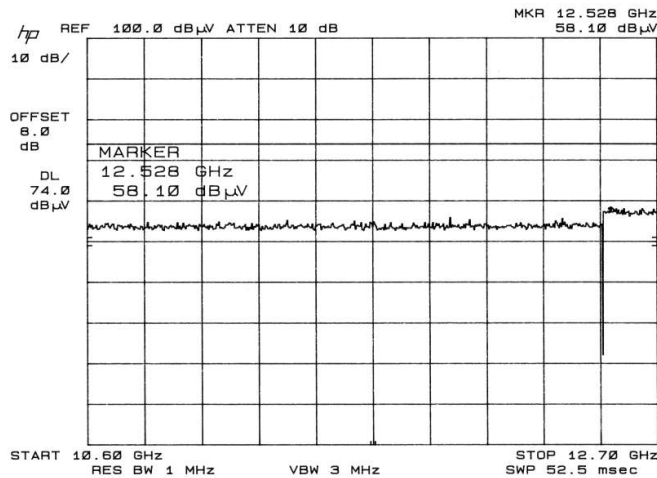
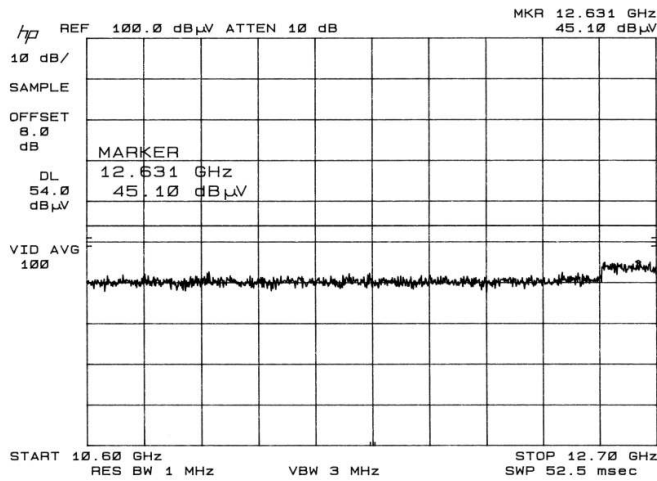




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## Spurious Emissions (Restricted Bands)

DNB Job Number:		58042	Date:		12 Mar 2005	Specification <input checked="" type="checkbox"/> 15.205 <input checked="" type="checkbox"/> 15.247 (c) <input checked="" type="checkbox"/> 15.407 (b,7)	
Customer:		3e Technologies					
Model Number:		NL5354MP+ Aires2	Serial Number:				
Description:		Wireless Access Point					
Channel	Fund Freq in MHz	Signal	Antenna Polarization	Measurement Mode			
				Top	Bottom		
High	5840	801.11a	Horizontal	Average	Peak		

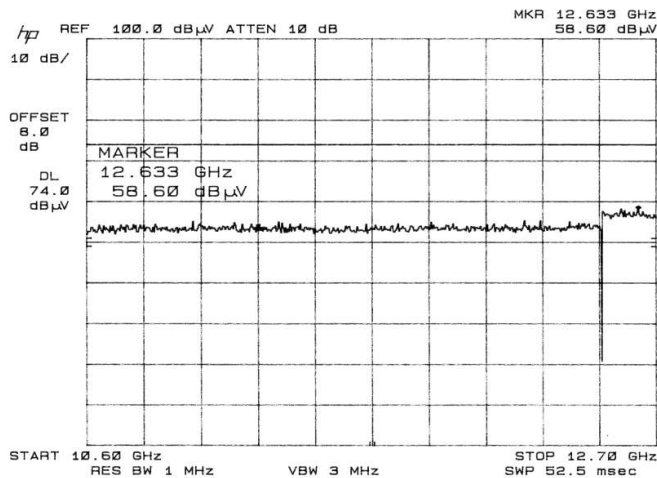
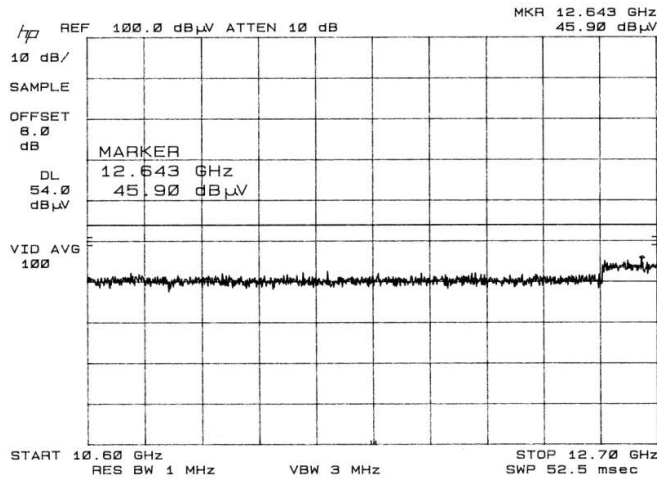




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## Spurious Emissions (Restricted Bands)

DNB Job Number: 58042		Date: 12 Mar 2005		Specification <input checked="" type="checkbox"/> 15.205 <input checked="" type="checkbox"/> 15.247 (c) <input checked="" type="checkbox"/> 15.407 (b,7)	
Customer: 3e Technologies					
Model Number: NL5354MP+ Aires2		Serial Number:			
Description: Wireless Access Point					
Channel	Fund Freq in MHz	Signal	Antenna Polarization	Measurement Mode	
				Top	Bottom
High	5840	801.11a	Vertical	Average	Peak



## 15.247 (a,2) 6 dB Emission Bandwidth

### Test Procedure:

Use the following spectrum analyzer settings:

Span	=	approximately 2 to 3 times the 6 dB bandwidth, centered on frequency
RBW	=	1Mhz
VBW	=	RBW
Sweep	=	auto
Detector function	=	peak
Trace	=	max hold

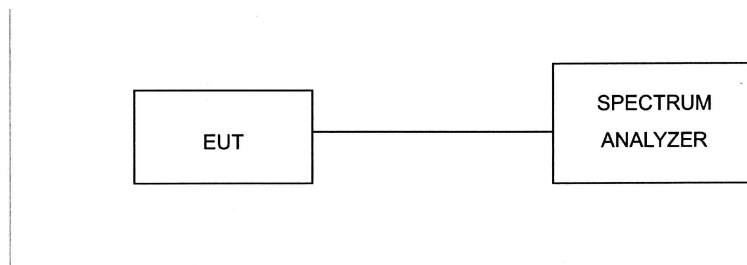
The EUT should be transmitting at its maximum data rate. Allow the trace to stabilize. Use the marker-to-peak function to set the marker to the peak of the emission. Use the marker-delta function to measure 6 dB down one side of the emission. Reset the marker-delta function, and move the marker to the other side of the emission, until it is (as close as possible to) even with the reference marker level. The marker-delta reading at this point is the 6 dB bandwidth of the emission. If this value varies with different modes of operation (e.g., data rate, modulation format, etc.), repeat this test for each variation.


Requirement: The minimum 6dB bandwidth shall be at least 500kHz

### EUT operating conditions:


The software provided by the client to enable the EUT to transmit continuously at the low, mid, and upper channels respectively.

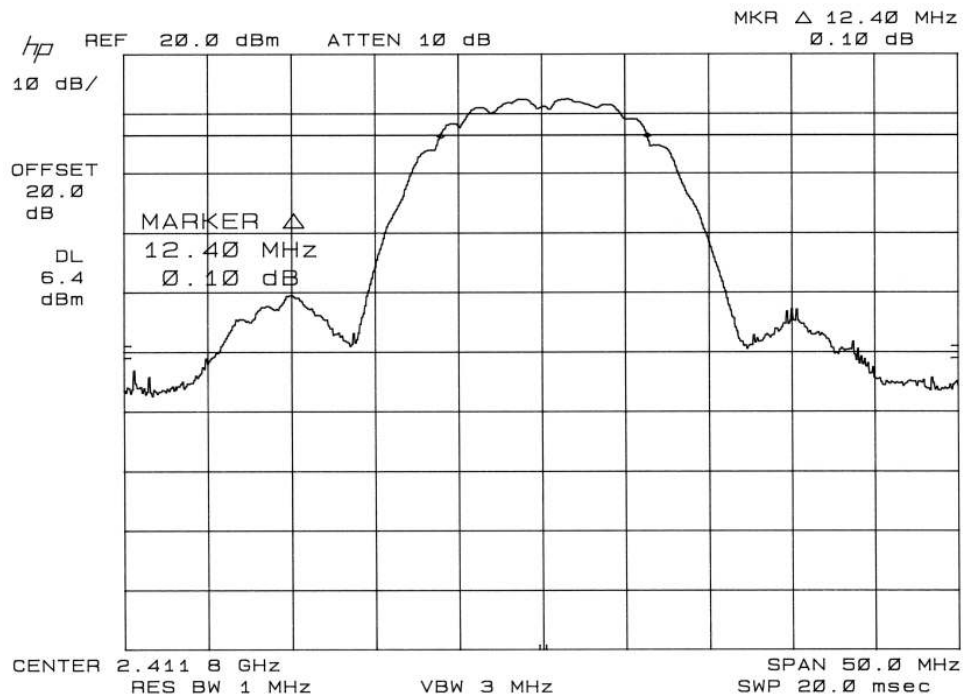
### Test Set Up:




	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704	<b>6 dB Emission Bandwidth</b>	
DNB Job Number:	58042	Date: 14 Feb 2005	<b>Conformance Standard</b>  FCC Part 15  <b>Clause</b> 15.247(a,2)
Customer:	3e Technologies Inc		
Model Number:	NL5354MP+ Aires2	Serial Number: Proto	
Description:	Wireless Access Point		
	Photo of Test Set Up		

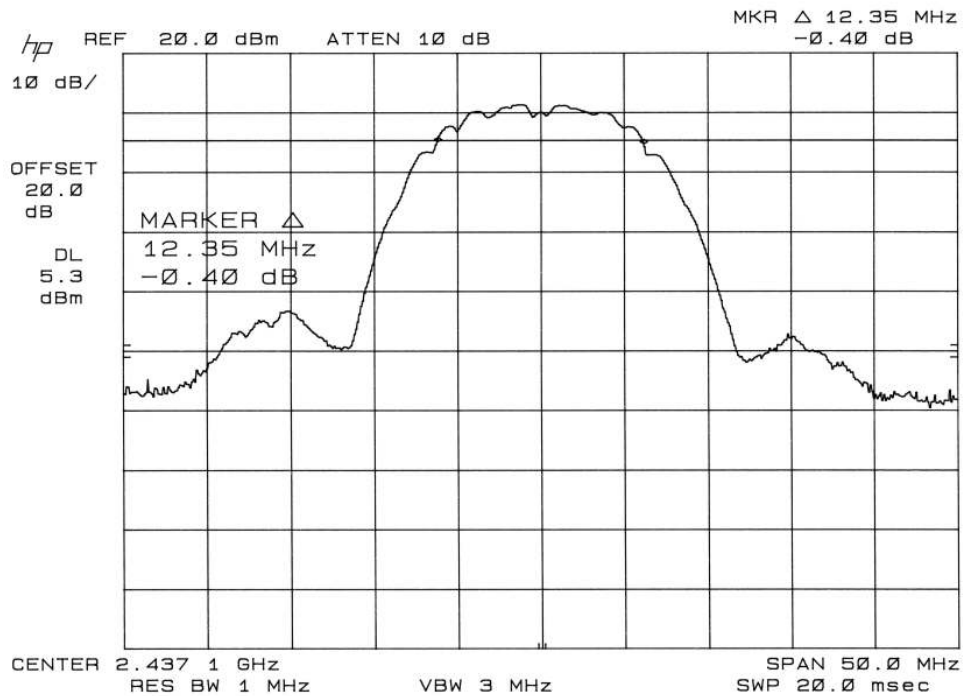



		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>6 dB Emission Bandwidth</b>	
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>  FCC Part 15	
Customer:	3e Technologies Inc				
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto		
Description:	Wireless Access Point			<b>Clause</b> 15.247(a,2)	
	801.11b,g				
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
22 °C		25 %		101.1 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>					
Channel	Chl Freq (MHz)	6dB BW (MHz)	Min Lim (MHz)	Pass/Fail	
1	2412	12.40	0.5	Pass	

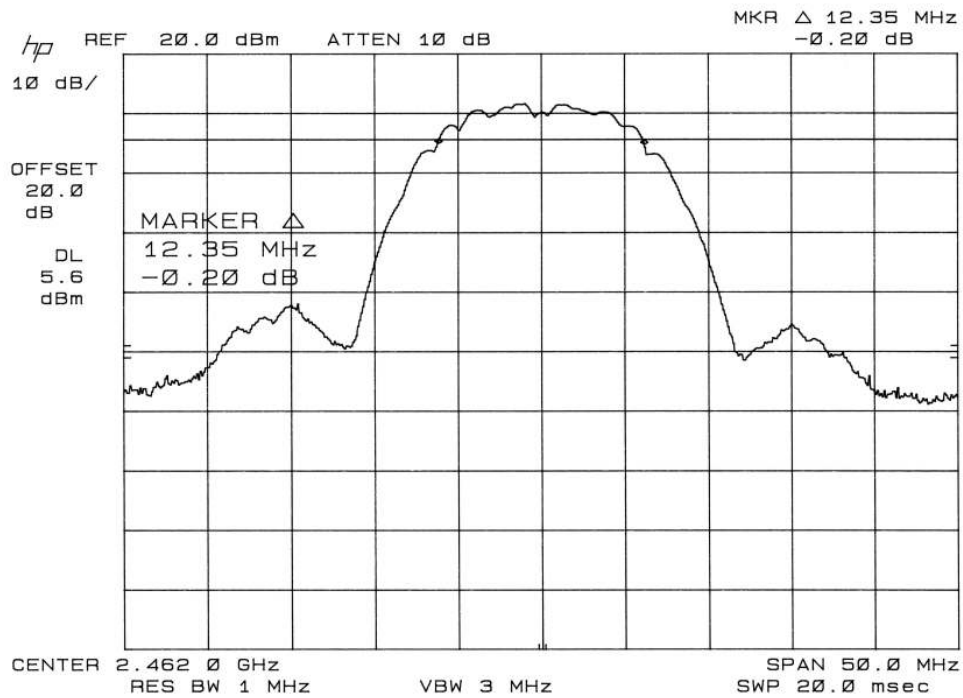





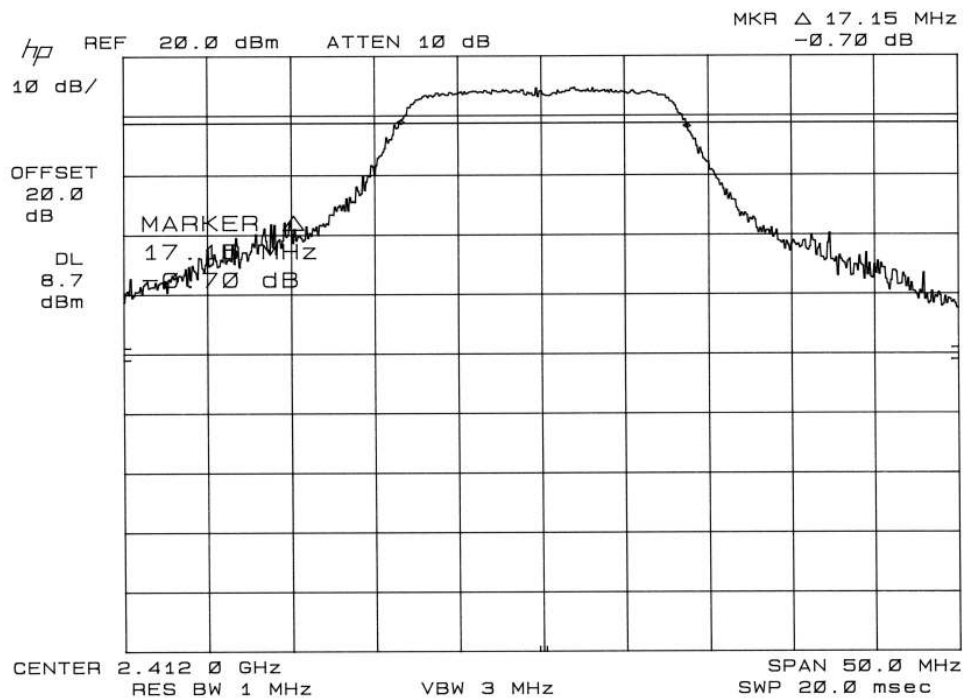
		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>6 dB Emission Bandwidth</b>	
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>  FCC Part 15  <b>Clause</b> 15.247(a,2)	
Customer:	3e Technologies Inc				
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto		
Description:	Wireless Access Point				
	801.11b,g				
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
22 °C		25 %		101.1 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>					
Channel	Chl Freq (MHz)	6dB BW (MHz)	Min Lim (MHz)	Pass/Fail	
6	2437	12.35	0.5	Pass	




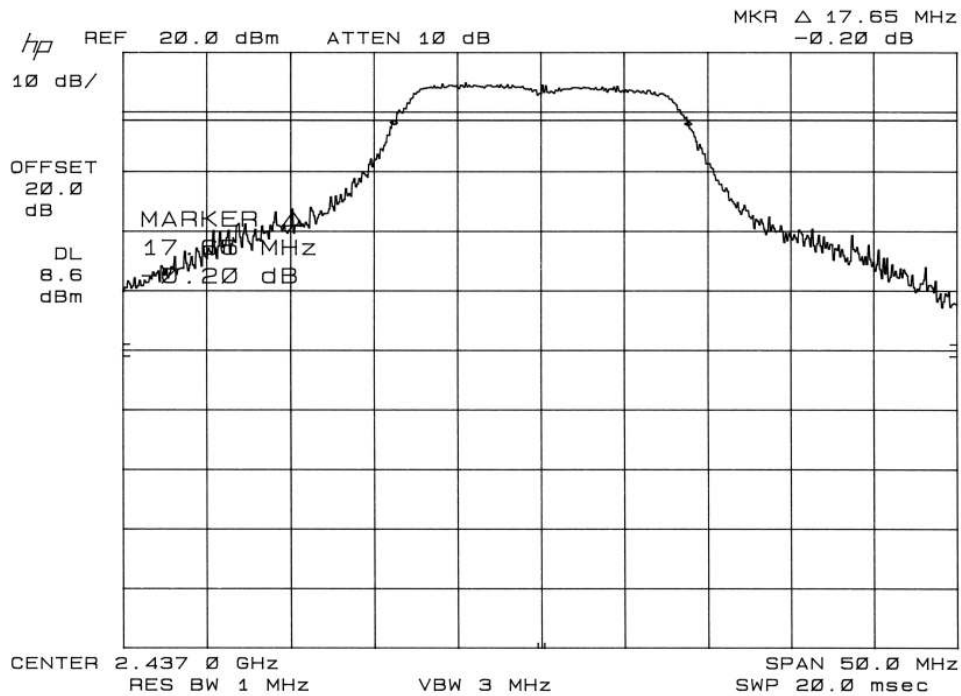
		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>6 dB Emission Bandwidth</b>	
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>  FCC Part 15	
Customer:	3e Technologies Inc				
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto		
Description:	Wireless Access Point			<b>Clause</b> 15.247(a,2)	
	801.11b,g				
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
22 °C		25 %		101.1 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>					
Channel	Chl Freq (MHz)	6dB BW (MHz)	Min Lim (MHz)	Pass/Fail	
11	2462	12.35	0.5	Pass	




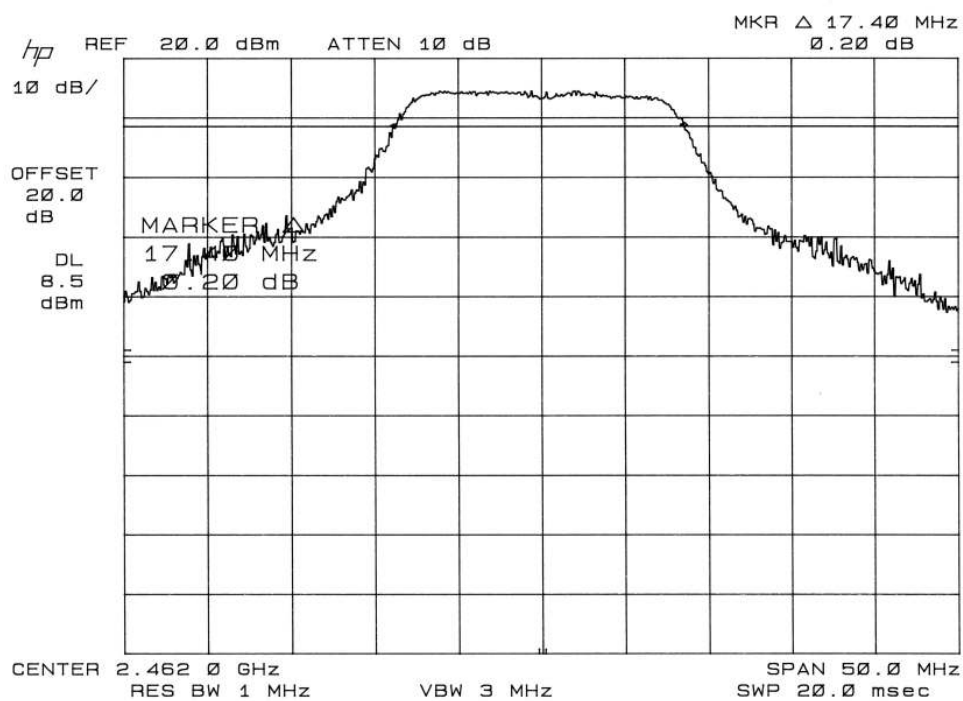
		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>6 dB Emission Bandwidth</b>	
DNB Job Number:		58042		Date: 14 Feb 2005	
Customer:		3e Technologies Inc			
Model Number:		NL5354MP+ Aires2		Serial Number: Proto	
Description:		Wireless Access Point			
		801.11b,g OFDM			
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
22 °C		25 %		101.1 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>					
Channel	Chl Freq (MHz)	6dB BW (MHz)	Min Lim (MHz)	Pass/Fail	
1	2412	17.15	0.5	Pass	




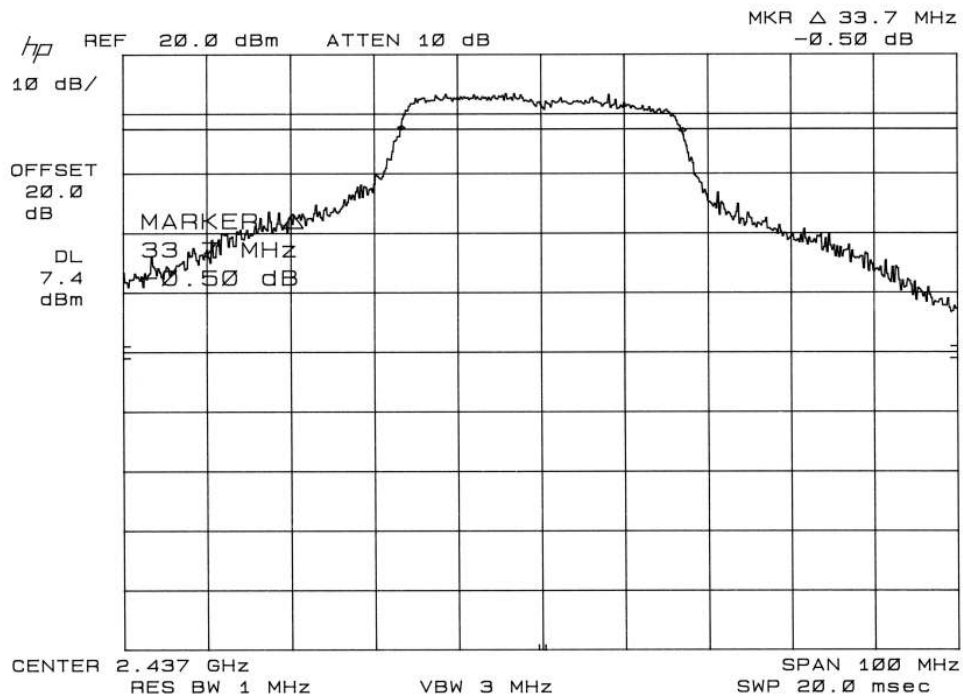
	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>6 dB Emission Bandwidth</b>	
	DNB Job Number:	58042	Date:	14 Feb 2005
Customer:	3e Technologies Inc			FCC Part 15
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	
Description:	Wireless Access Point			
	801.11b,g OFDM			
Environmental Conditions				
Ambient Temperature		Relative Humidity		Barometric Pressure
22 °C		25 %		101.1 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>				
Channel	Chl Freq (MHz)	6dB BW (MHz)	Min Lim (MHz)	Pass/Fail
6	2437	17.65	0.5	Pass




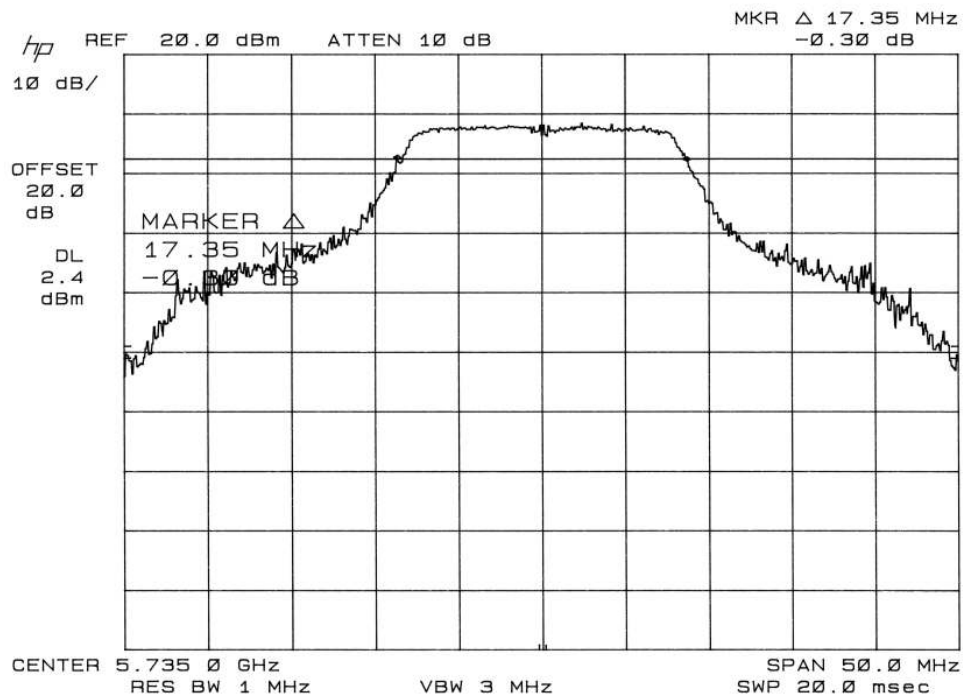
	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>6 dB Emission Bandwidth</b>	
	DNB Job Number:	58042	Date:	14 Feb 2005
Customer:	3e Technologies Inc			<b>Conformance Standard</b>
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	
Description:	Wireless Access Point			<b>Clause</b> 15.247(a,2)
	801.11b,g OFDM			
Environmental Conditions				
Ambient Temperature		Relative Humidity		Barometric Pressure
22 °C		25 %		101.1 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>				
Channel	Chl Freq (MHz)	6dB BW (MHz)	Min Lim (MHz)	Pass/Fail
11	2462	17.40	0.5	Pass




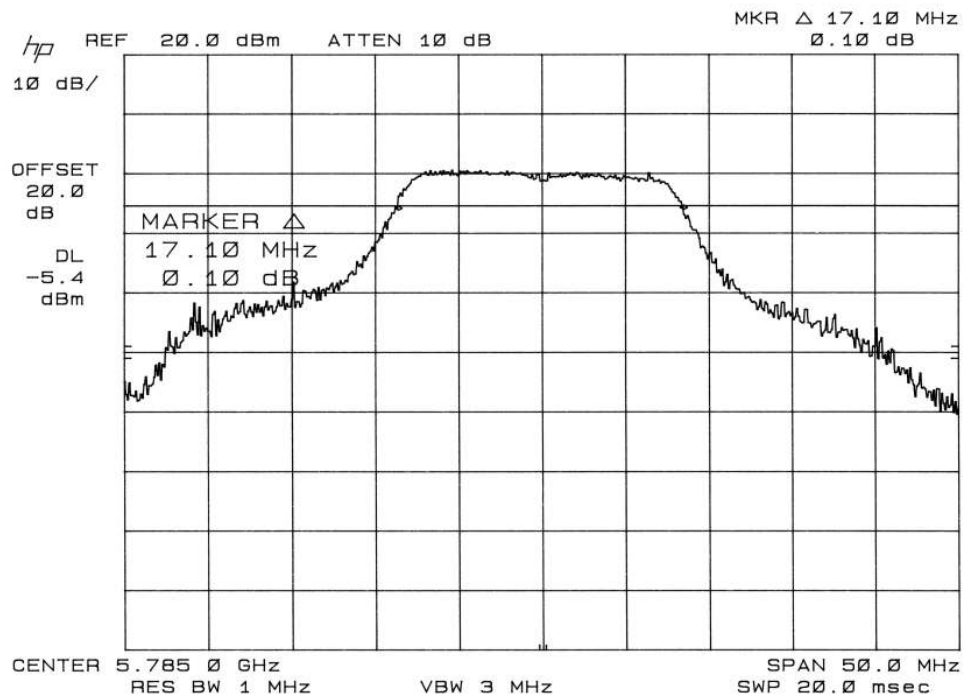
		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>6 dB Emission Bandwidth</b>	
DNB Job Number:		58042		Date: 14 Feb 2005	
Customer:		3e Technologies Inc			
Model Number:		NL5354MP+ Aires2		Serial Number: Proto	
Description:		Wireless Access Point			
		801.11b,g OFDM			
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
22 °C		25 %		101.1 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>					
Channel	Chl Freq (MHz)	6dB BW (MHz)	Min Lim (MHz)	Pass/Fail	
6 (Turbo)	2437	33.70	0.5	Pass	




	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>6 dB Emission Bandwidth</b>	
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>  FCC Part 15
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	
Description:	Wireless Access Point 801.11a			<b>Clause</b> 15.247(a,2)
Environmental Conditions				
Ambient Temperature		Relative Humidity		Barometric Pressure
22 °C		25 %		101.1 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>				
Channel	Chl Freq (MHz)	6dB BW (MHz)	Min Lim (MHz)	Pass/Fail
Low	5735.00	17.35	0.5	Pass

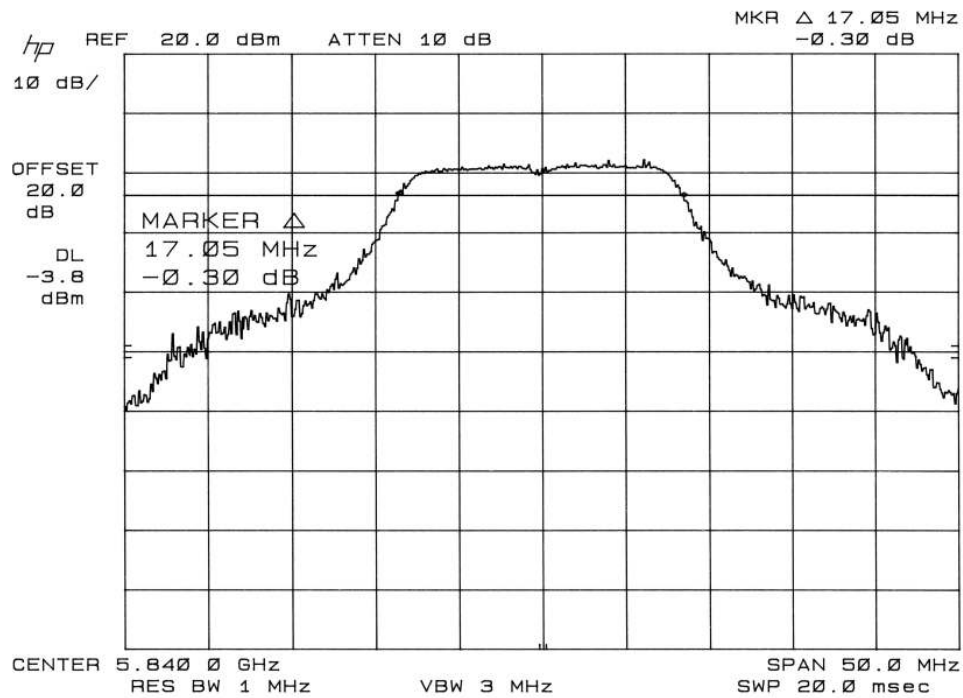



		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>6 dB Emission Bandwidth</b>	
DNB Job Number:		58042		Date: 14 Feb 2005	
Customer:		3e Technologies Inc			
Model Number:		NL5354MP+ Aires2		Serial Number: Proto	
Description:		Wireless Access Point			
		801.11a			
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
22 °C		25 %		101.1 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>					
Channel	Chl Freq (MHz)	6dB BW (MHz)	Min Lim (MHz)	Pass/Fail	
Middle	5785.00	17.10	0.5	Pass	

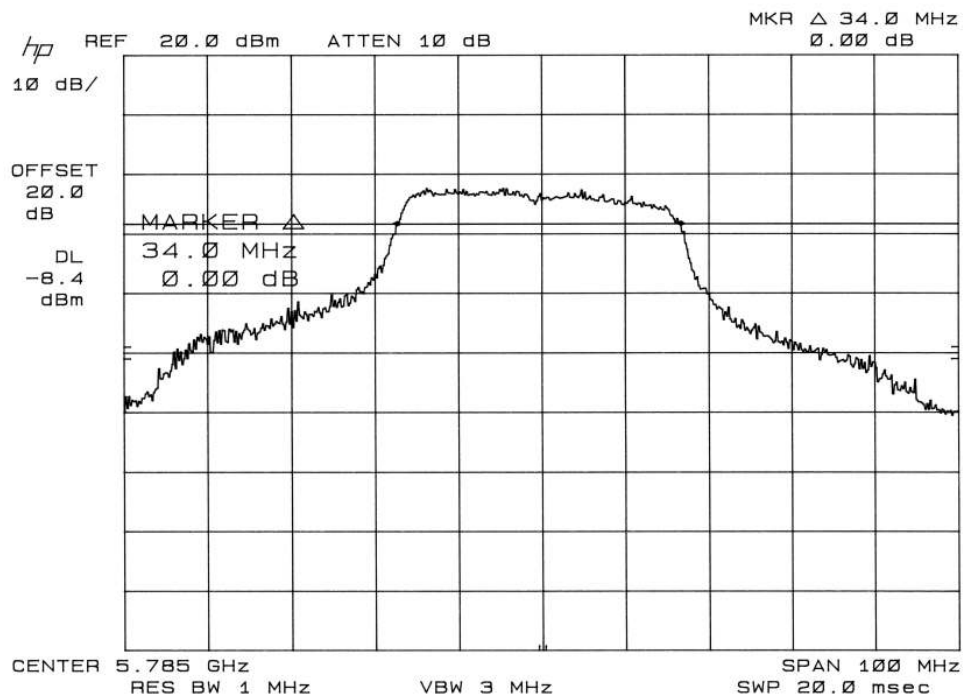




	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>6 dB Emission Bandwidth</b>	
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(a,2)
	801.11a			
Environmental Conditions				
Ambient Temperature		Relative Humidity		Barometric Pressure
22 °C		25 %		101.1 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>				
Channel	Chl Freq (MHz)	6dB BW (MHz)	Min Lim (MHz)	Pass/Fail
High	5840.00	17.05	0.5	Pass



		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>6 dB Emission Bandwidth</b>	
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>  FCC Part 15	
Customer:	3e Technologies Inc				
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto		
Description:	Wireless Access Point			<b>Clause</b> 15.247(a,2)	
	801.11a				
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
22 °C		25 %		101.1 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>					
Channel	Chl Freq (MHz)	6dB BW (MHz)	Min Lim (MHz)	Pass/Fail	
Middle	5785.00 (Turbo)	34.00	0.5	Pass	



## 15.247 (b,3) Maximum Peak Output Power (Conducted)

### Test Procedure:

The transmitter was connected to a diode bridge power meter.

### De Facto EIRP Limit

Describe how the EUT complies with the *de facto* EIRP limit for every antenna proposed for use with the EUT. This includes those devices that will be used in point-to-point applications. If the peak output power, as measured above, must be reduced so that the *de facto* EIRP limit may be met for a particular antenna, describe exactly how much it will be reduced for that antenna. If the peak output power level is raised above the limit in order to compensate for cable loss between the EUT and the antenna, specify the minimum length of cable which will always be used, the type of cable, and its loss, in dB per unit length, for the frequency of the emission. Also, specify who will be responsible for ensuring that compliant operation is maintained for every antenna that will be used with the EUT.

### Point-to-Point Operation

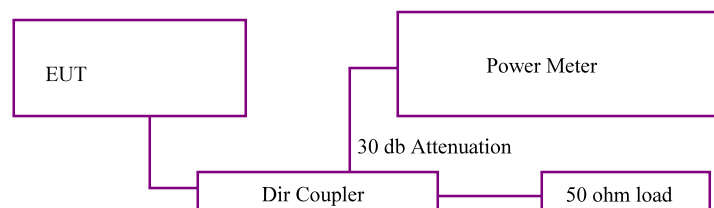
If the EIRP relaxation for point-to-point operation is proposed for any particular antenna, describe who will be responsible for ensuring that the EUT is only used in such an application.


Requirement: The maximum peak output power shall not exceed 1W (30dBm)

### EUT operating conditions:


The software provided by the client to enable the EUT to transmit continuously at the low, mid, and upper channels respectively.

### Test Set Up:




		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704			<b>Peak Output Power (Cond)</b>				
DNB Job Number:		58042		Date:		30 Mar 2005		<b>Conformance Standard</b>	
Customer:		3e Technologies Inc							
Model Number:		NL5354MP+ Aires2			Serial Number:		Proto		
Description:		Wireless Access Point						<b>Clause</b> 15.247(b,3)	
		801.11b,g							
<b>Environmental Conditions</b>									
Ambient Temperature			Relative Humidity			Barometric Pressure			
24 °C			26 %			102.3 kPa			
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>									
Chl	Freq (MHz)	Reading (dBm)	Conducted Power (mW)	Limit (dBm)	De Facto Limit	Delta	Pass/Fail	Antenna	
								Type	Gain
1	2412	19.94	98.63	30.00	N/A	-10.06	Pass	Omni	5dBi
1	2412	19.94	98.63	30.00	22.00	-2.06	Pass	Directional	14dBi


Note: De Facto limit takes into account the requirements of 15.247(b)(4) without the exceptions of paragraphs (i), (ii), or (iii) regarding fixed point-to-point operation.

		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704			<b>Peak Output Power (Cond)</b>				
DNB Job Number:		58042		Date:		30 Mar 2005		<b>Conformance Standard</b>  FCC Part 15  <b>Clause</b> 15.247(b,3)	
Customer:		3e Technologies Inc							
Model Number:		NL5354MP+ Aires2		Serial Number:		Proto			
Description:		Wireless Access Point							
		801.11b,g							
Environmental Conditions									
Ambient Temperature			Relative Humidity			Barometric Pressure			
24 °C			26 %			102.3 kPa			
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>									
Chl	Freq (MHz)	Reading (dBm)	Conducted Power (mW)	Limit (dBm)	De Facto Limit	Delta	Pass/Fail	Antenna	
								Type	Gain
6	2437	19.86	96.83	30.00	N/A	-10.14	Pass	Omni	5dBi
6	2437	19.86	96.83	30.00	22.00	-2.14	Pass	Directional	14dBi


Note: De Facto limit takes into account the requirements of 15.247(b)(4) without the exceptions of paragraphs (i), (ii), or (iii) regarding fixed point-to-point operation.

		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704			<b>Peak Output Power (Cond)</b>				
DNB Job Number:		58042		Date:		30 Mar 2005		<b>Conformance Standard</b>  FCC Part 15  <b>Clause</b> 15.247(b,3)	
Customer:		3e Technologies Inc							
Model Number:		NL5354MP+ Aires2		Serial Number:		Proto			
Description:		Wireless Access Point							
		801.11b,g							
Environmental Conditions									
Ambient Temperature			Relative Humidity			Barometric Pressure			
24 °C			26 %			102.3 kPa			
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>									
Chl	Freq (MHz)	Reading (dBm)	Conducted Power (mW)	Limit (dBm)	De Facto Limit	Delta	Pass/Fail	Antenna	
								Type	Gain
11	2462	19.80	95.5	30.00	N/A	-10.20	Pass	Omni	5dBi
11	2462	19.80	95.5	30.00	22.00	-2.20	Pass	Directional	14dBi

Note: De Facto limit takes into account the requirements of 15.247(b)(4) without the exceptions of paragraphs (i), (ii), or (iii) regarding fixed point-to-point operation.


		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704			<b>Peak Output Power (Cond)</b>				
DNB Job Number:		58042		Date:		30 Mar 2005		<b>Conformance Standard</b>  FCC Part 15  <b>Clause</b> 15.247(b,3)	
Customer:		3e Technologies Inc							
Model Number:		NL5354MP+ Aires2		Serial Number:		Proto			
Description:		Wireless Access Point							
		801.11b,g OFDM							
Environmental Conditions									
Ambient Temperature			Relative Humidity			Barometric Pressure			
24 °C			26 %			102.3 kPa			
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>									
Chl	Freq (MHz)	Reading (dBm)	Conducted Power (mW)	Limit (dBm)	De Facto Limit	Delta	Pass/Fail	Antenna	
								Type	Gain
1	2412	19.63	91.83	30.00	N/A	-10.37	Pass	Omni	5dBi
1	2412	19.63	91.83	30.00	22.00	-2.37	Pass	Directional	14dBi

Note: De Facto limit takes into account the requirements of 15.247(b)(4) without the exceptions of paragraphs (i), (ii), or (iii) regarding fixed point-to-point operation.


		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Peak Output Power (Cond)</b>					
DNB Job Number:		58042		Date:		30 Mar 2005		<b>Conformance Standard</b>  FCC Part 15	
Customer:		3e Technologies Inc							
Model Number:		NL5354MP+ Aires2		Serial Number:		Proto			
Description:		Wireless Access Point						<b>Clause</b> 15.247(b,3)	
		801.11b,g OFDM							
<b>Environmental Conditions</b>									
Ambient Temperature			Relative Humidity			Barometric Pressure			
24 °C			26 %			102.3 kPa			
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>									
Chl	Freq (MHz)	Reading (dBm)	Conducted Power (mW)	Limit (dBm)	De Facto Limit	Delta	Pass/Fail	Antenna	
								Type	Gain
6	2437	19.81	95.72	30.00	N/A	-10.19	Pass	Omni	5dBi
6	2437	19.81	95.72	30.00	22.00	-2.19	Pass	Directional	14dBi

Note: De Facto limit takes into account the requirements of 15.247(b)(4) without the exceptions of paragraphs (i), (ii), or (iii) regarding fixed point-to-point operation.




		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Peak Output Power (Cond)</b>					
DNB Job Number:		58042		Date:		30 Mar 2005		<b>Conformance Standard</b>	
Customer:		3e Technologies Inc							
Model Number:		NL5354MP+ Aires2		Serial Number:		Proto		FCC Part 15	
Description:		Wireless Access Point						<b>Clause</b> 15.247(b,3)	
		801.11b,g OFDM							
Environmental Conditions									
Ambient Temperature			Relative Humidity			Barometric Pressure			
24 °C			26 %			102.3 kPa			
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>									
Chl	Freq (MHz)	Reading (dBm)	Conducted Power (mW)	Limit (dBm)	De Facto Limit	Delta	Pass/Fail	Antenna	
								Type	Gain
11	2462	19.53	89.74	30.00	N/A	-10.47	Pass	Omni	5dBi
11	2462	19.53	89.74	30.00	22.00	-2.47	Pass	Directional	14dBi


Note: De Facto limit takes into account the requirements of 15.247(b)(4) without the exceptions of paragraphs (i), (ii), or (iii) regarding fixed point-to-point operation.

		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704			<b>Peak Output Power (Cond)</b>					
DNB Job Number:		58042			Date:		30 Mar 2005		<b>Conformance Standard</b>  FCC Part 15	
Customer:		3e Technologies Inc								
Model Number:		NL5354MP+ Aires2			Serial Number:			Proto		
Description:		Wireless Access Point						<b>Clause</b> 15.247(b,3)		
		801.11b,g OFDM (Turbo)								
Environmental Conditions										
Ambient Temperature				Relative Humidity				Barometric Pressure		
24 °C				26 %				102.3 kPa		
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>										
Chl	Freq (MHz)	Reading (dBm)	Conducted Power (mW)	Limit (dBm)	De Facto Limit	Delta	Pass/Fail	Antenna		
								Type	Gain	
6	2437	20.62	115.35	30.00	N/A	-9.38	Pass	Omni	5dBi	
6	2437	20.62	115.35	30.00	22.00	-1.38	Pass	Directional	14dBi	


Note: De Facto limit takes into account the requirements of 15.247(b)(4) without the exceptions of paragraphs (i), (ii), or (iii) regarding fixed point-to-point operation.

		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704			<b>Peak Output Power (Cond)</b>					
DNB Job Number:		58042		Date:		30 Mar 2005		<b>Conformance Standard</b>		
Customer:		3e Technologies Inc								
Model Number:		NL5354MP+ Aires2			Serial Number:		Proto			FCC Part 15
Description:		Wireless Access Point						<b>Clause</b> 15.247(b,3)		
		801.11a								
Environmental Conditions										
Ambient Temperature			Relative Humidity			Barometric Pressure				
24 °C			26 %			102.3 kPa				
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>										
Chl	Freq (MHz)	Reading (dBm)	Conducted Power (mW)	Limit (dBm)	De Facto Limit	Delta	Pass/Fail	Antenna		
								Type	Gain	
Lo	5735	13.55	22.65	30.00	28.00	-14.45	Pass	Omni	8dBi	


Note: De Facto limit takes into account the requirements of 15.247(b)(4) without the exceptions of paragraphs (i), (ii), or (iii) regarding fixed point-to-point operation.

		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Peak Output Power (Cond)</b>						
DNB Job Number:		58042		Date:		30 Mar 2005		<b>Conformance Standard</b>		
Customer:		3e Technologies Inc								
Model Number:		NL5354MP+ Aires2			Serial Number:		Proto			FCC Part 15
Description:		Wireless Access Point						<b>Clause</b> 15.247(b,3)		
		801.11a								
Environmental Conditions										
Ambient Temperature			Relative Humidity			Barometric Pressure				
24 °C			26 %			102.3 kPa				
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>										
Chl	Freq (MHz)	Reading (dBm)	Conducted Power (mW)	Limit (dBm)	De Facto Limit	Delta	Pass/Fail	Antenna		
								Type	Gain	
Md	5785	11.01	12.62	30.00	28.00	-16.99	Pass	Omni	8dBi	

Note: De Facto limit takes into account the requirements of 15.247(b)(4) without the exceptions of paragraphs (i), (ii), or (iii) regarding fixed point-to-point operation.

		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Peak Output Power (Cond)</b>					
DNB Job Number:		58042		Date:		30 Mar 2005		<b>Conformance Standard</b>	
Customer:		3e Technologies Inc							
Model Number:		NL5354MP+ Aires2			Serial Number:		Proto		
Description:		Wireless Access Point						<b>Clause</b> 15.247(b,3)	
		801.11a							
<b>Environmental Conditions</b>									
Ambient Temperature			Relative Humidity			Barometric Pressure			
24 °C			26 %			102.3 kPa			
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>									
Chl	Freq (MHz)	Reading (dBm)	Conducted Power (mW)	Limit (dBm)	De Facto Limit	Delta	Pass/Fail	Antenna	
								Type	Gain
Hi	5840	9.20	8.32	30.00	28.00	-18.80	Pass	Omni	8dBi

Note: De Facto limit takes into account the requirements of 15.247(b)(4) without the exceptions of paragraphs (i), (ii), or (iii) regarding fixed point-to-point operation.

		5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Peak Output Power (Cond)</b>					
DNB Job Number:		58042		Date:		30 Mar 2005		<b>Conformance Standard</b>	
Customer:		3e Technologies Inc							
Model Number:		NL5354MP+ Aires2		Serial Number:		Proto		FCC Part 15	
Description:		Wireless Access Point						<b>Clause</b> 15.247(b,3)	
		801.11a (Turbo)							
Environmental Conditions									
Ambient Temperature			Relative Humidity			Barometric Pressure			
24 °C			26 %			102.3 kPa			
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>									
Chl	Freq (MHz)	Reading (dBm)	Conducted Power (mW)	Limit (dBm)	De Facto Limit	Delta	Pass/Fail	Antenna	
								Type	Gain
Md	5785	11.34	13.61	30.00	22.00	-10.66	Pass	Omni	8dBi

Note: De Facto limit takes into account the requirements of 15.247(b)(4) without the exceptions of paragraphs (i), (ii), or (iii) regarding fixed point-to-point operation.

## 15.247 (c) Conducted Band Edge Measurements

Use the following spectrum analyzer settings:

Span	=	wide enough to capture the peak level of the emission operating on the channel closest to the bandedge, as well as any modulation products which fall outside of the authorized band of operation
RBW		1% of the span
VBW		RBW
Sweep	=	auto
Detector function	=	peak
Trace	=	max hold

Allow the trace to stabilize. Set the marker on the emission at the bandedge, or on the highest modulation product outside of the band, if this level is greater than that at the bandedge. Enable the marker-delta function, then use the marker-to-peak function to move the marker to the peak of the in-band emission.

Requirement: The maximum out-of-band emissions shall not exceed 20dBc

Test Set Up: Same as 6 dB Emission Bandwidth



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### Band Edge Measurements

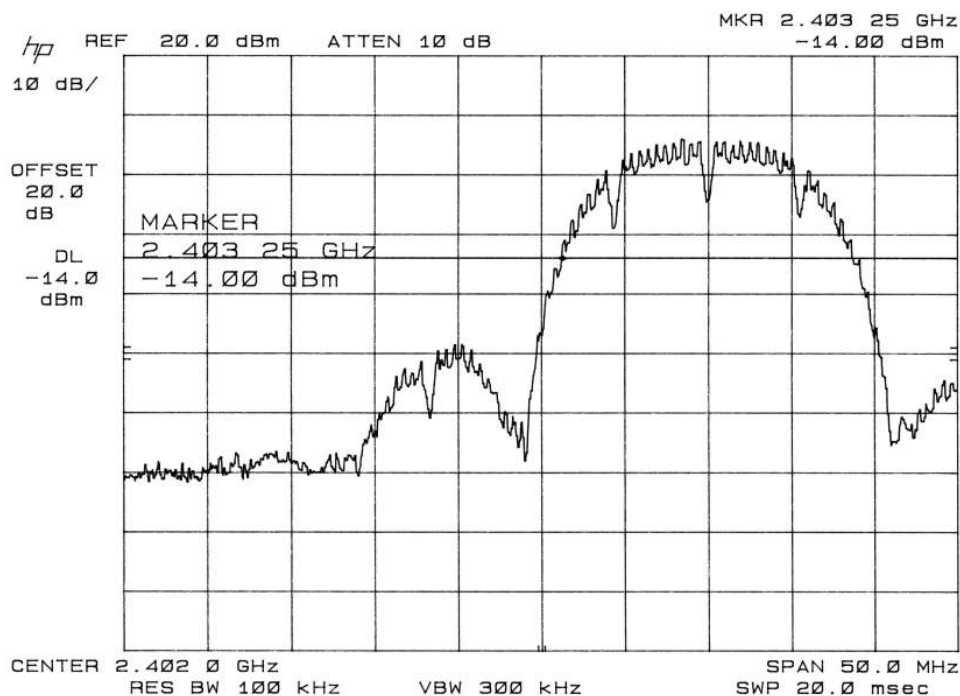
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11b,g			

#### Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	25 %	101.1 kPa

EUT performed within the requirements of the applicable standard  Yes  No *Les Payne*

Chl	Freq (MHz)	BandEdge	Freq (MHz) @ 20dBc	Freq (MHz) to B/E Delta	Pass/Fail
1	2412	2402	2403.25	-1.25	Pass







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### Band Edge Measurements

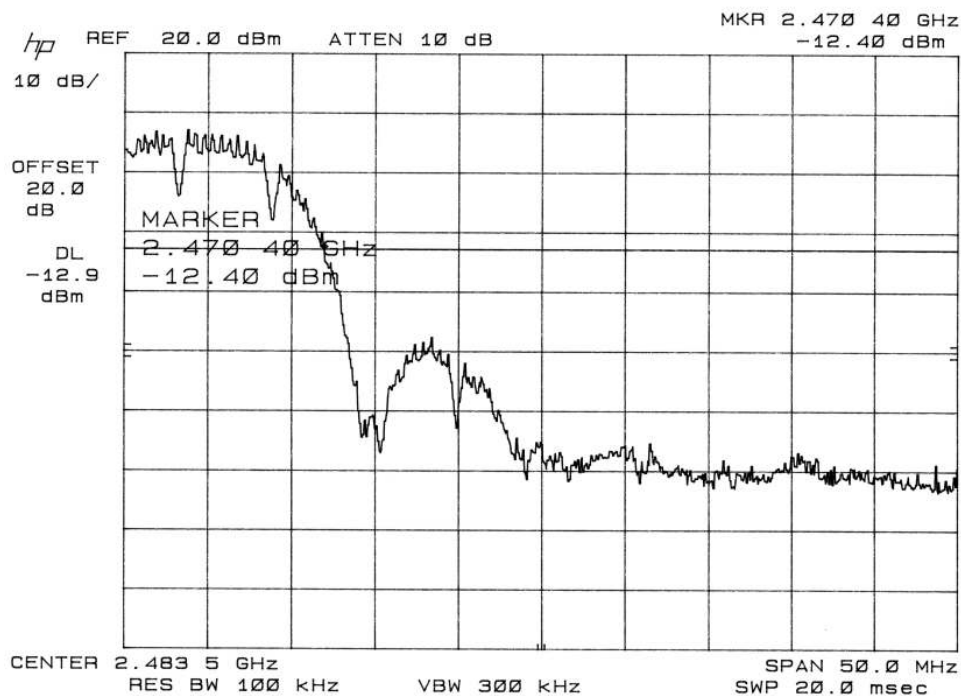
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11b,g			

#### Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	25 %	101.1 kPa

EUT performed within the requirements of the applicable standard  Yes  No *Les Payne*

Chl	Freq (MHz)	BandEdge	Freq (MHz) @ 20dBc	Freq (MHz) to B/E Delta	Pass/Fail
11	2462	2483.5	2470.40	-13.1	Pass

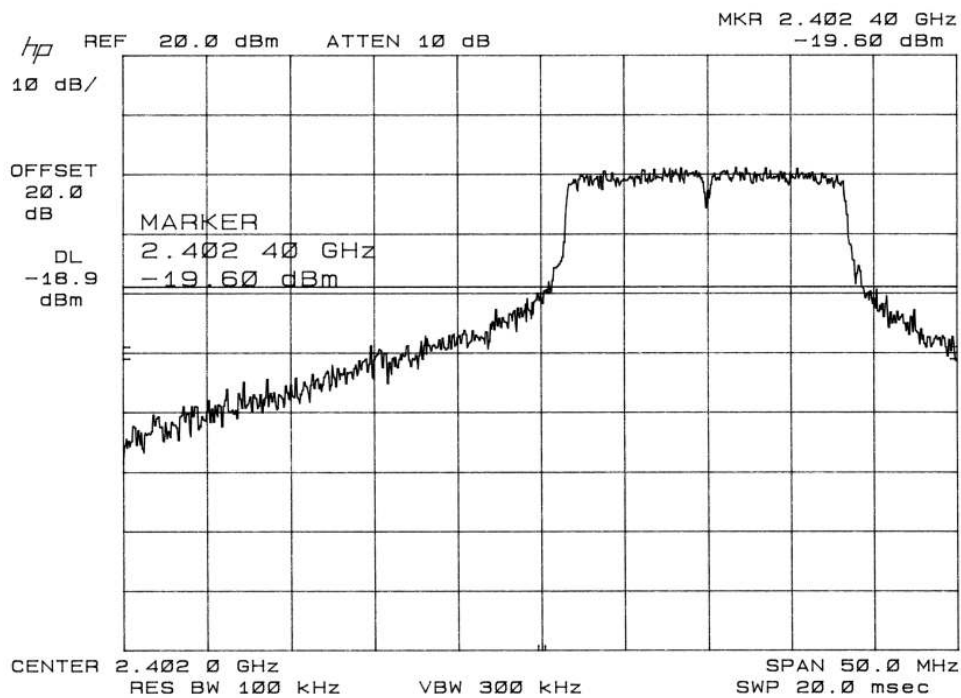




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### Band Edge Measurements

DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>	
Customer:	3e Technologies Inc				
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15	
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)	
	801.11b,g OFDM				
Environmental Conditions					
Ambient Temperature		Relative Humidity		Barometric Pressure	
22 °C		25 %		101.1 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>					
Chl	Freq (MHz)	BandEdge	Freq (MHz) @ 20dBc	Freq (MHz) to B/E Delta	Pass/Fail
1	2412	2402	2402.4	-0.4	Pass





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### Band Edge Measurements

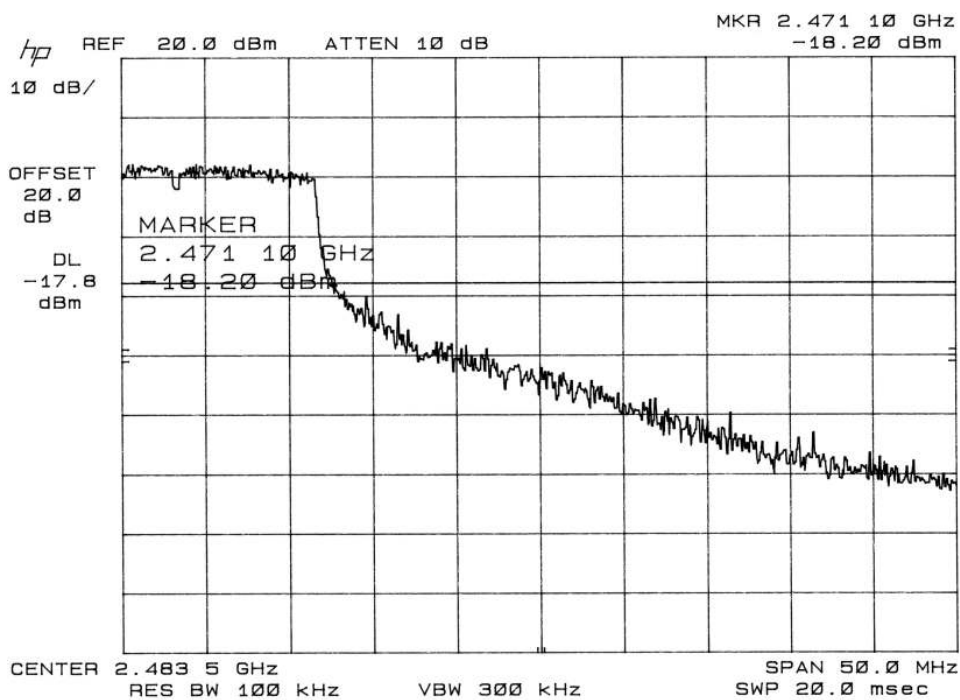
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11b,g OFDM			

#### Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	25 %	101.1 kPa

EUT performed within the requirements of the applicable standard  Yes  No *Les Payne*

Chl	Freq (MHz)	BandEdge	Freq (MHz) @ 20dBc	Freq (MHz) to B/E Delta	Pass/Fail
11	2462	2483.5	2471.1	-12.4	Pass





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### Band Edge Measurements

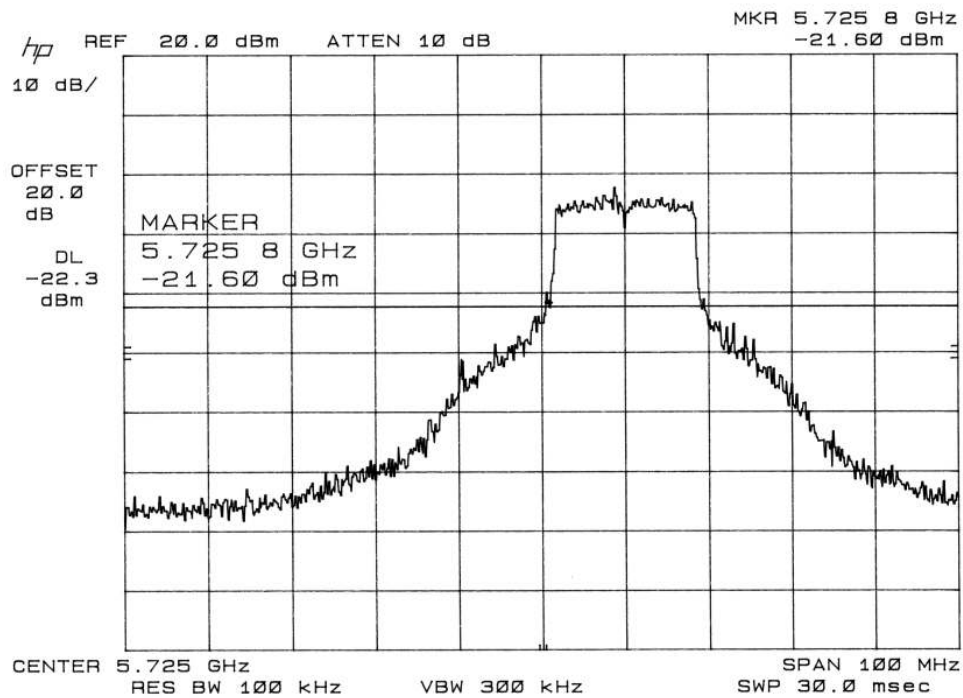
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11a			

#### Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	25 %	101.1 kPa

EUT performed within the requirements of the applicable standard  Yes  No *Les Payne*

Chl	Freq (MHz)	BandEdge	Freq (MHz) @ 20dBc	Freq (MHz) to B/E Delta	Pass/Fail
Lo	5735	5725	5725.8	-0.8	Pass





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### Band Edge Measurements

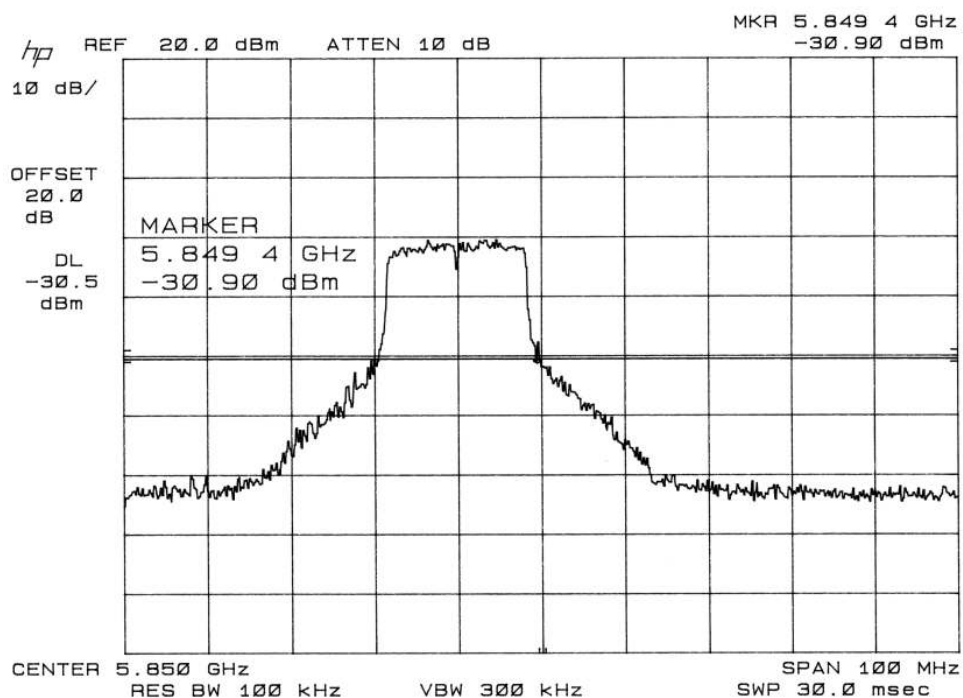
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11a			

#### Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	25 %	101.1 kPa

EUT performed within the requirements of the applicable standard  Yes  No *Les Payne*

Chl	Freq (MHz)	BandEdge	Freq (MHz) @ 20dBc	Freq (MHz) to B/E Delta	Pass/Fail
Hi	5840	5850	5849.4	-0.6	Pass



## 15.247 (c) Spurious RF Conducted Emissions

Use the following spectrum analyzer settings:

Span	=	wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10 <sup>th</sup> harmonic. Typically, several plots are required to cover this entire span.
RBW	=	100 kHz
VBW	=	RBW
Sweep	=	auto
Detector function	=	peak
Trace	=	max hold

Allow the trace to stabilize. Set the marker on the peak of any spurious emission recorded.

Requirement: The maximum out-of-band emissions shall not exceed 20dBc

Test Set Up: Same as 6 dB Emission Bandwidth



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### Spurious RF Conducted

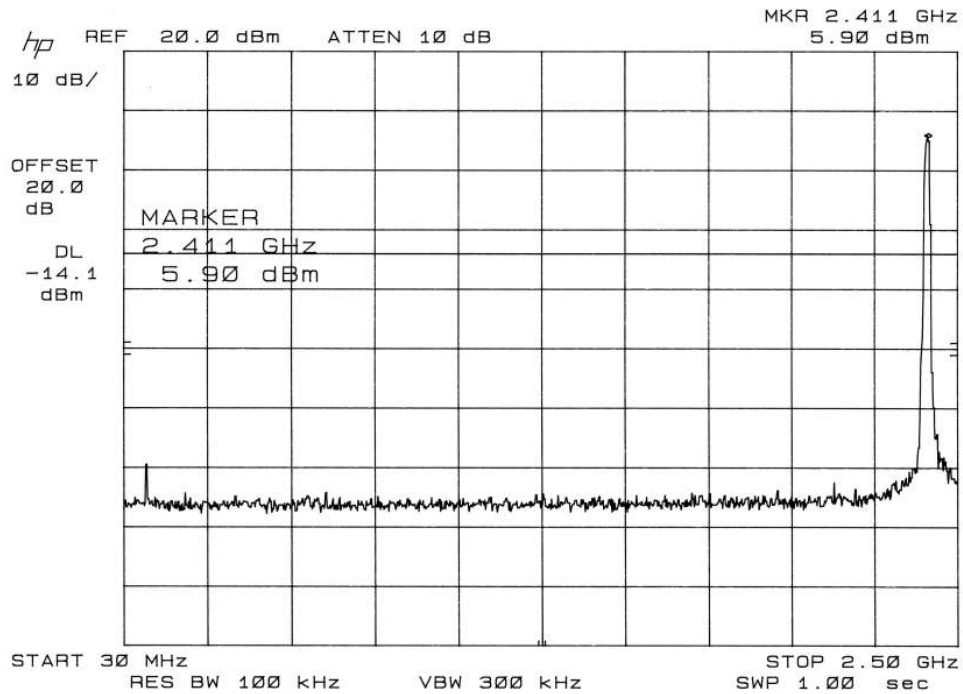
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11b,g			

#### Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	25 %	101.1 kPa

EUT performed within the requirements of the applicable standard  Yes  No *Les Payne*

Channel	Freq in MHz	Reading	-20dBc	Pass/Fail
1	2412	5.90 dBm	-14.1dBm	Pass

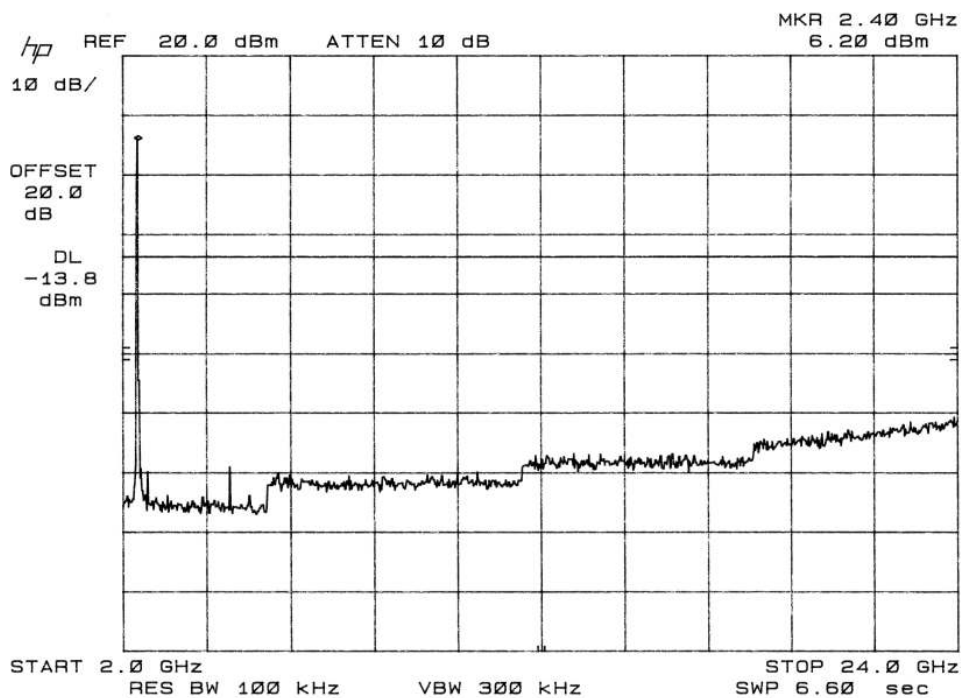




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### Spurious RF Conducted

DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>  FCC Part 15
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11b,g			
Environmental Conditions				
Ambient Temperature		Relative Humidity		Barometric Pressure
22 °C		25 %		101.1 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>				
Channel	Freq in MHz	Reading	-20dBc	Pass/Fail
1	2412	6.20 dBm	-13.8dBm	Pass







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### Spurious RF Conducted

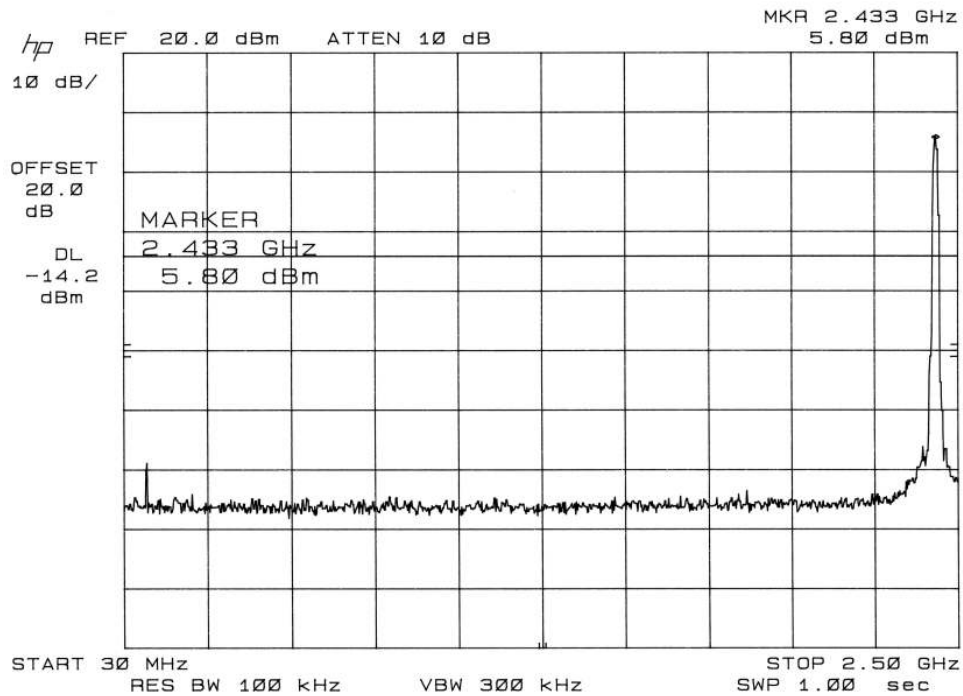
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11b,g			

#### Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	25 %	101.1 kPa

EUT performed within the requirements of the applicable standard  Yes  No *Les Payne*

Channel	Freq in MHz	Reading	-20dBc	Pass/Fall
6	2437	5.80 dBm	-14.2dBm	Pass





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### Spurious RF Conducted

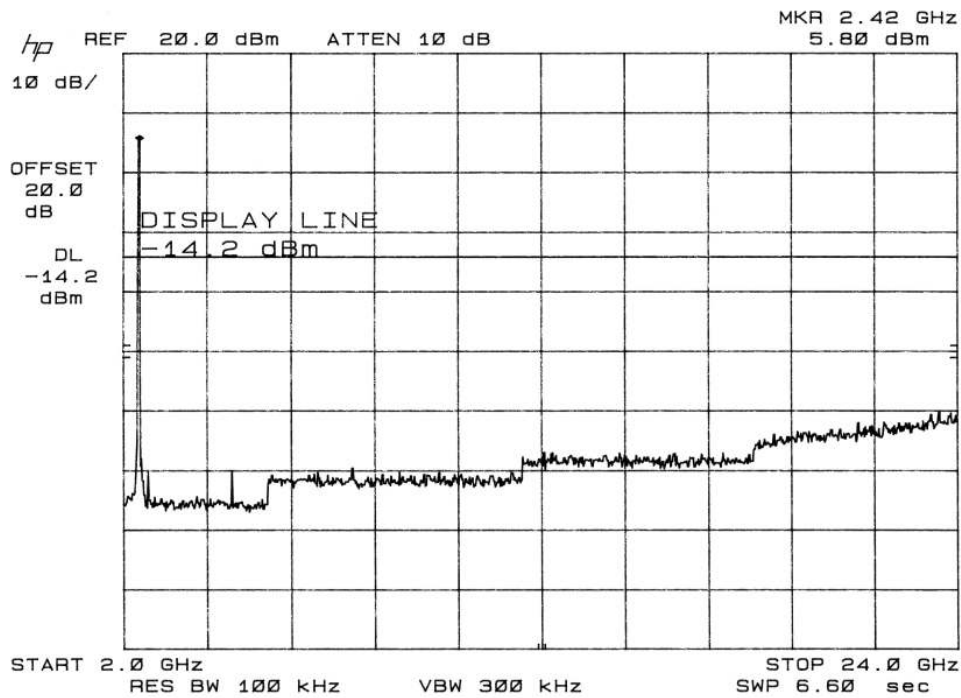
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11b,g			

#### Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	25 %	101.1 kPa

EUT performed within the requirements of the applicable standard  Yes  No *Les Payne*

Channel	Freq in MHz	Reading	-20dBc	Pass/Fail
6	2437	5.80 dBm	-14.2dBm	Pass

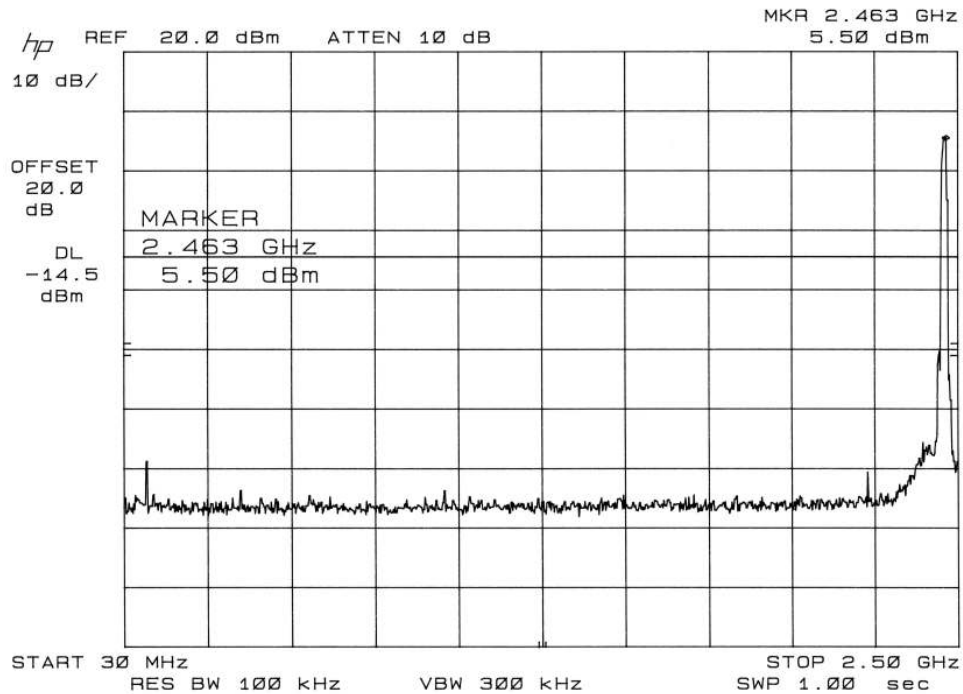




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### Spurious RF Conducted

DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>  FCC Part 15
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11b,g			
Environmental Conditions				
Ambient Temperature		Relative Humidity		Barometric Pressure
22 °C		25 %		101.1 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>				
Channel	Freq in MHz	Reading	-20dBc	Pass/Fail
11	2462	5.50 dBm	-14.5dBm	Pass





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### Spurious RF Conducted

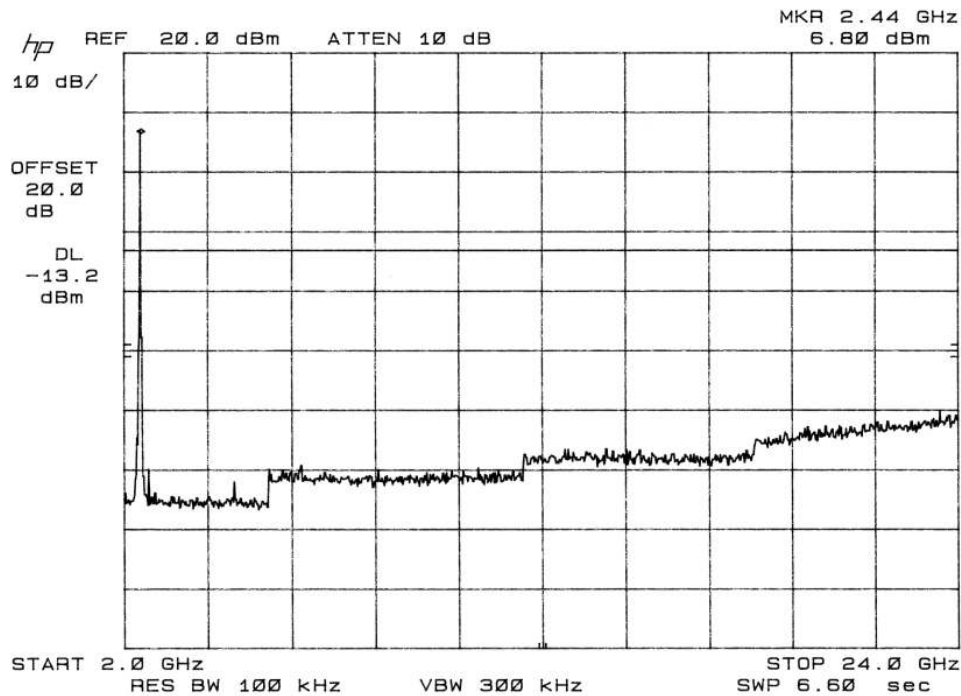
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11b,g			

#### Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	25 %	101.1 kPa

EUT performed within the requirements of the applicable standard  Yes  No *Les Payne*

Channel	Freq in MHz	Reading	-20dBc	Pass/Fail
11	2462	6.80 dBm	-13.2dBm	Pass





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### Spurious RF Conducted

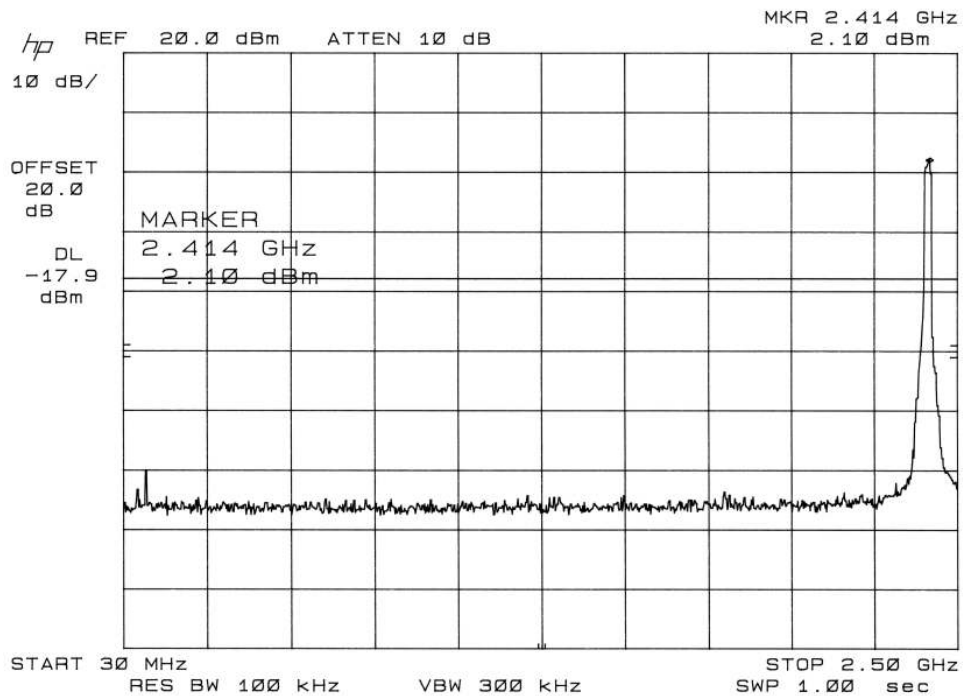
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11b,g OFDM			

#### Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	25 %	101.1 kPa

EUT performed within the requirements of the applicable standard  Yes  No *Les Payne*

Channel	Freq in MHz	Reading	-20dBc	Pass/Fail
1	2412	2.10 dBm	-17.9dBm	Pass





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### Spurious RF Conducted

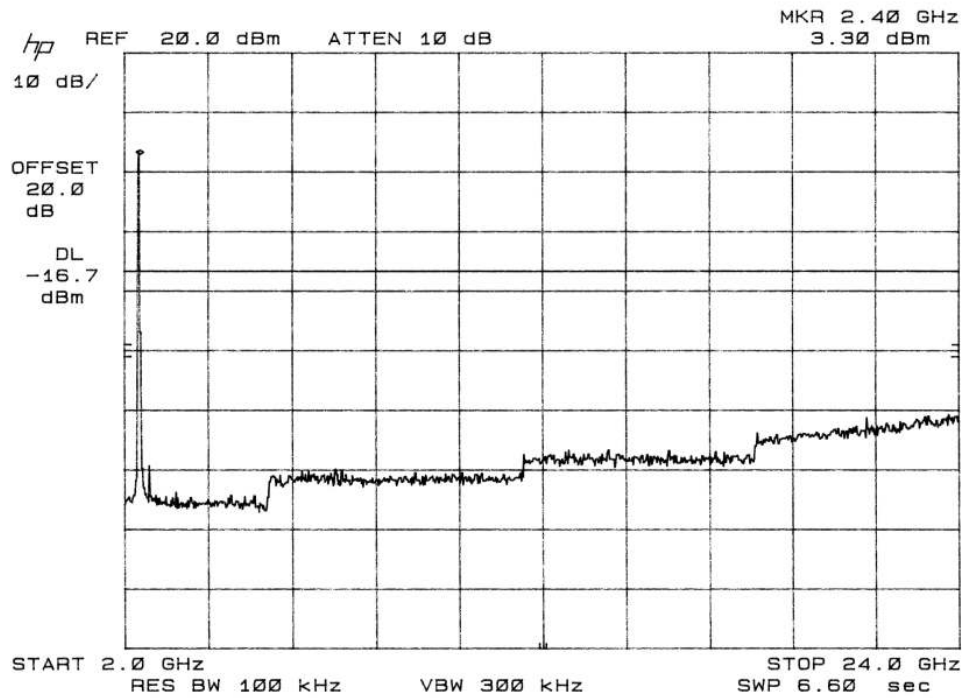
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11b,g OFDM			

#### Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	25 %	101.1 kPa

EUT performed within the requirements of the applicable standard  Yes  No *Les Payne*

Channel	Freq in MHz	Reading	-20dBc	Pass/Fail
1	2412	3.30 dBm	-16.7 dBm	Pass





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### Spurious RF Conducted

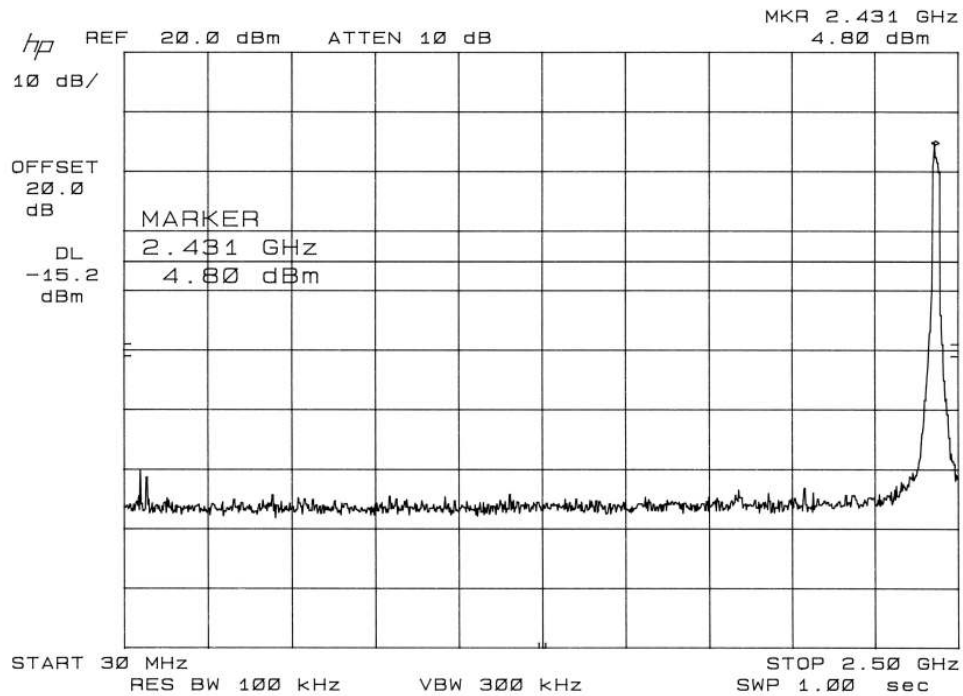
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11b,g OFDM			

#### Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	25 %	101.1 kPa

EUT performed within the requirements of the applicable standard  Yes  No *Les Payne*

Channel	Freq in MHz	Reading	-20dBc	Pass/Fall
6	2437	4.80 dBm	-15.2 dBm	Pass

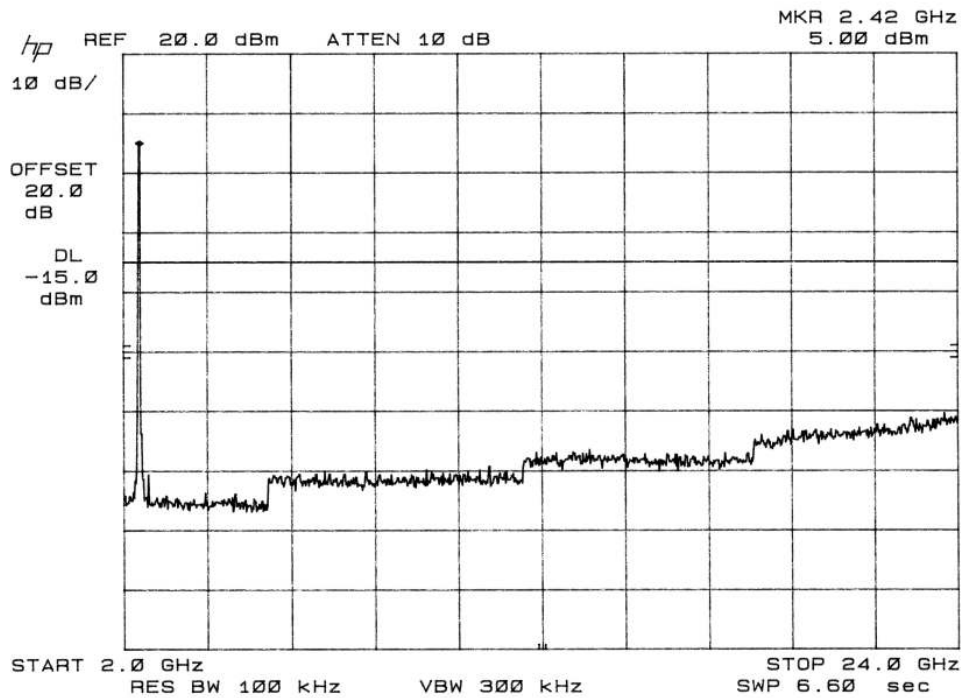




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### Spurious RF Conducted

DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>  FCC Part 15
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11b,g OFDM			
Environmental Conditions				
Ambient Temperature		Relative Humidity		Barometric Pressure
22 °C		25 %		101.1 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>				
Channel	Freq in MHz	Reading	-20dBc	Pass/Fail
6	2437	5.00 dBm	-15.0 dBm	Pass







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### Spurious RF Conducted

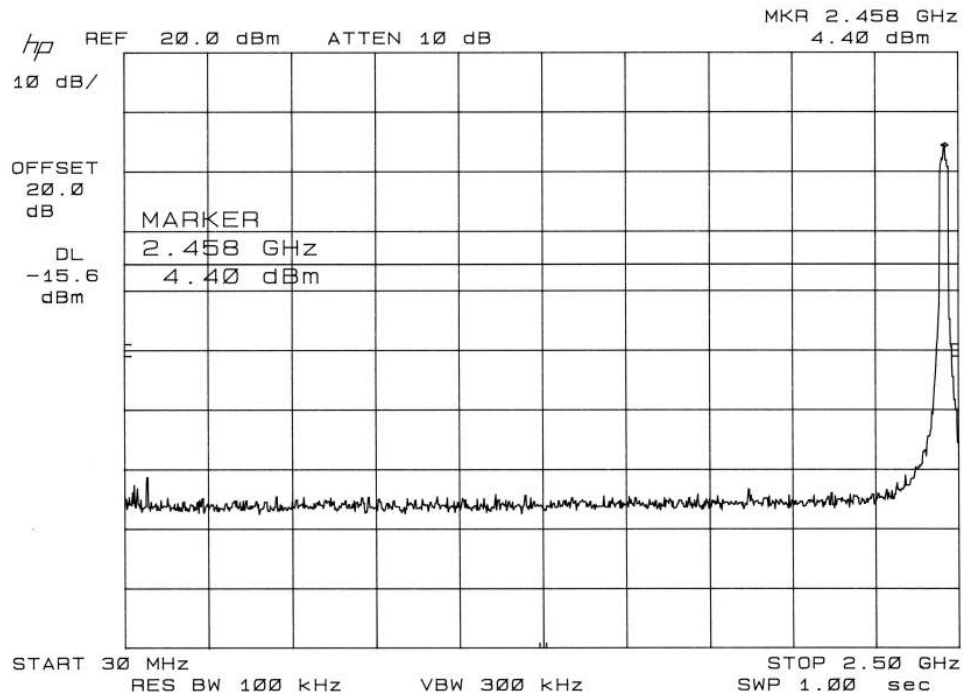
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11b,g OFDM			

#### Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	25 %	101.1 kPa

EUT performed within the requirements of the applicable standard  Yes  No *Les Payne*

Channel	Freq in MHz	Reading	-20dBc	Pass/Fail
11	2462	4.40 dBm	-15.6 dBm	Pass

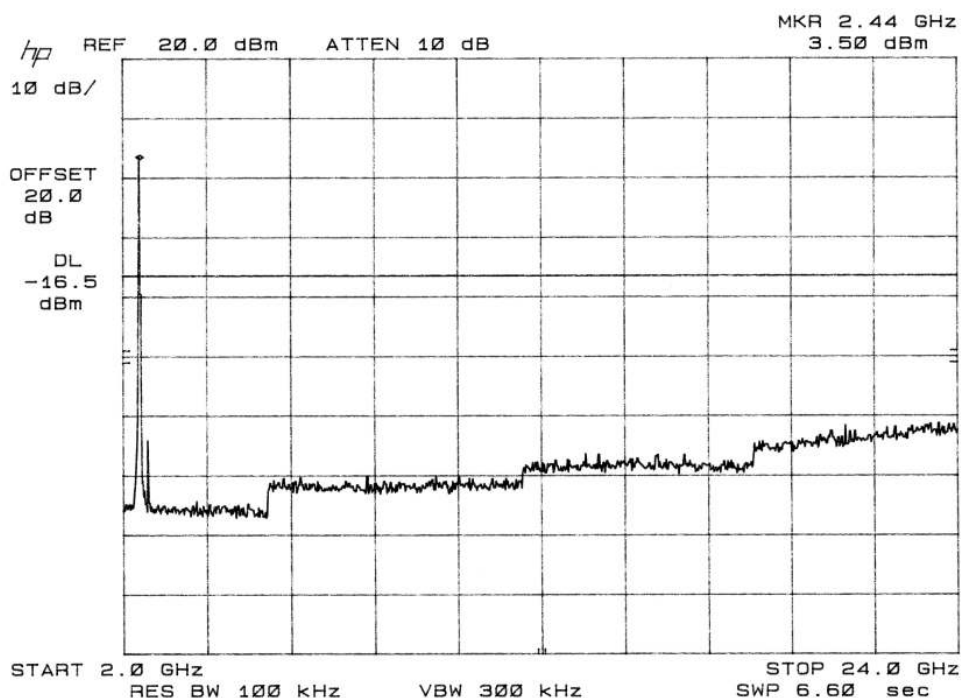




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### Spurious RF Conducted

DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>  FCC Part 15
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	
Description:	Wireless Access Point 801.11b,g OFDM			<b>Clause</b> 15.247(c)
Environmental Conditions				
Ambient Temperature		Relative Humidity		Barometric Pressure
22 °C		25 %		101.1 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>				
Channel	Freq in MHz	Reading	-20dBc	Pass/Fail
11	2462	3.50 dBm	-16.5 dBm	Pass

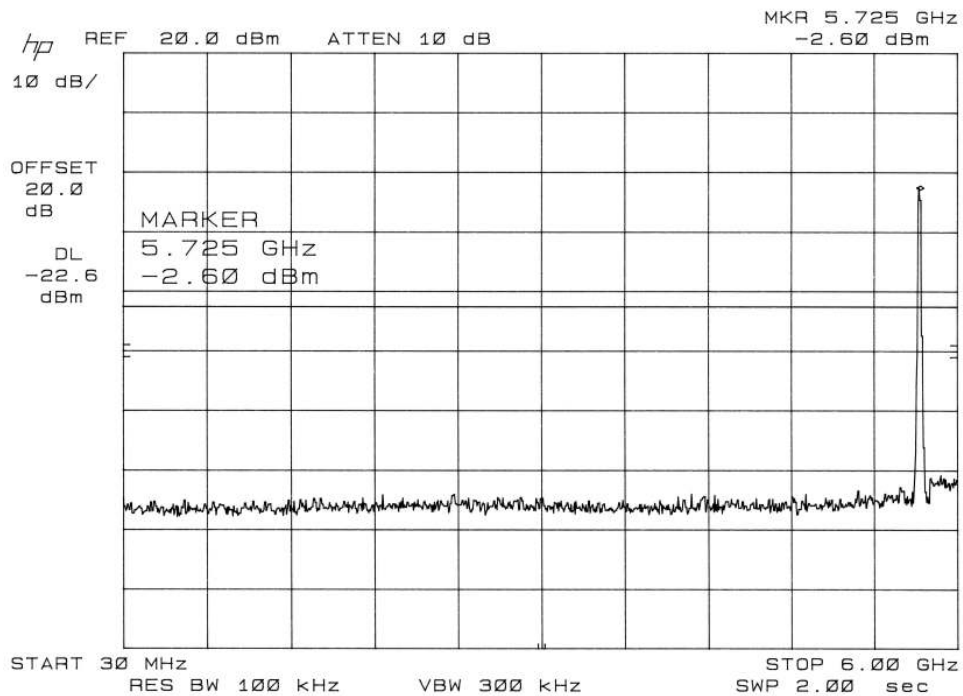




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### Spurious RF Conducted

DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>  FCC Part 15
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11a			
Environmental Conditions				
Ambient Temperature		Relative Humidity		Barometric Pressure
22 °C		25 %		101.1 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>				
Channel	Freq in MHz	Reading	-20dBc	Pass/Fail
Lo	5735	-2.60 dBm	-22.6dBm	Pass





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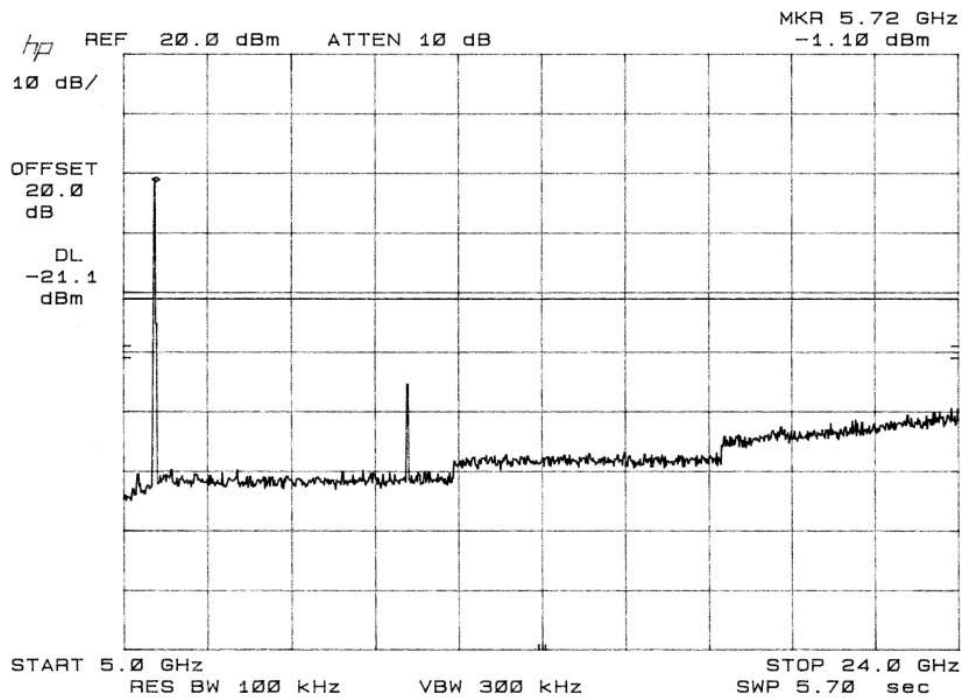
### Spurious RF Conducted

DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11a			

Environmental Conditions		
Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	25 %	101.1 kPa

EUT performed within the requirements of the applicable standard  Yes  No *Les Payne*

Channel	Freq in MHz	Reading	-20dBc	Pass/Fail
Lo	5735	-1.10 dBm	-21.1 dBm	Pass





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### Spurious RF Conducted

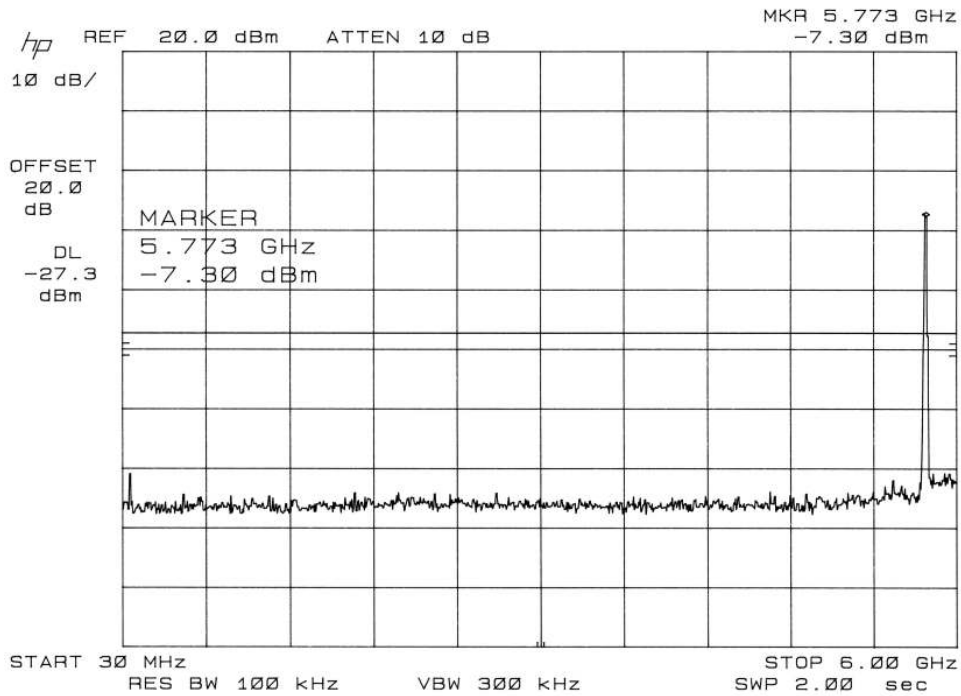
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>  FCC Part 15
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11a			

#### Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	25 %	101.1 kPa

EUT performed within the requirements of the applicable standard  Yes  No *Les Payne*

Channel	Freq in MHz	Reading	-20dBc	Pass/Fail
Mid	5785	-7.30 dBm	-27.3 dBm	Pass





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### Spurious RF Conducted

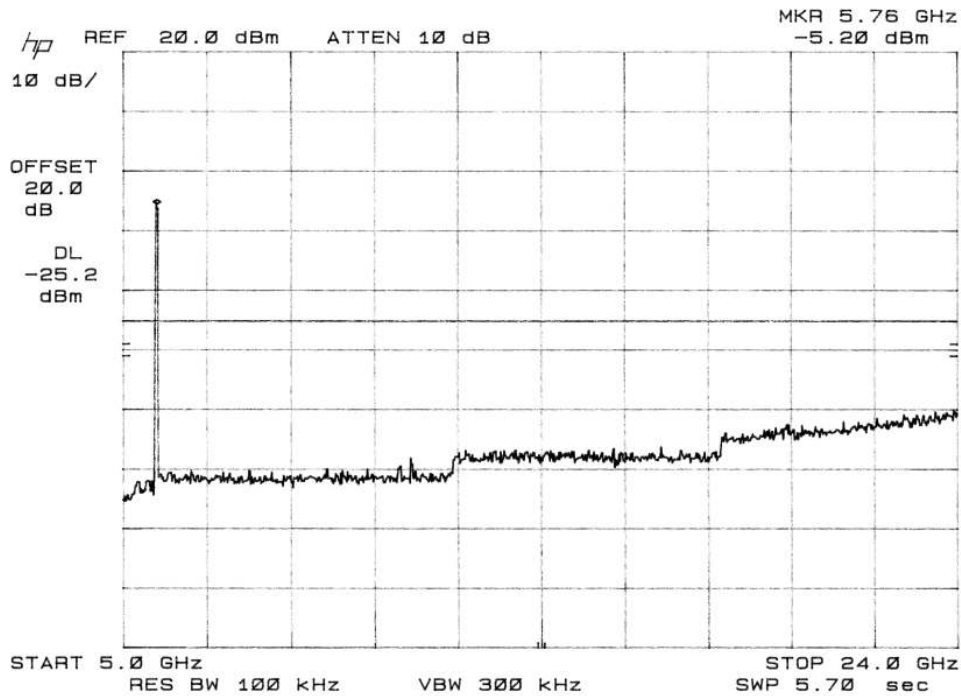
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11a			

#### Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	25 %	101.1 kPa

EUT performed within the requirements of the applicable standard  Yes  No *Les Payne*

Channel	Freq in MHz	Reading	-20dBc	Pass/Fail
Mid	5785	-5.20 dBm	-25.2 dBm	Pass

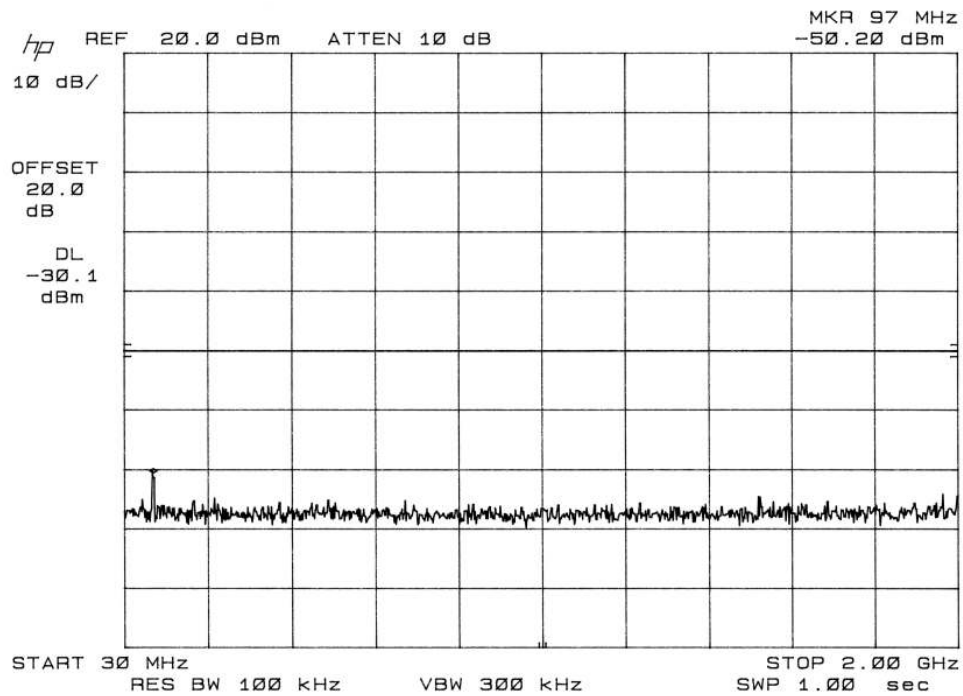




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### Spurious RF Conducted

DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>  FCC Part 15
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11a			
Environmental Conditions				
Ambient Temperature		Relative Humidity		Barometric Pressure
22 °C		25 %		101.1 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>				
Channel	Freq in MHz	Reading	-20dBc	Pass/Fail
Hi	5840	-10.1 dBm	-30.1 dBm	Pass





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### Spurious RF Conducted

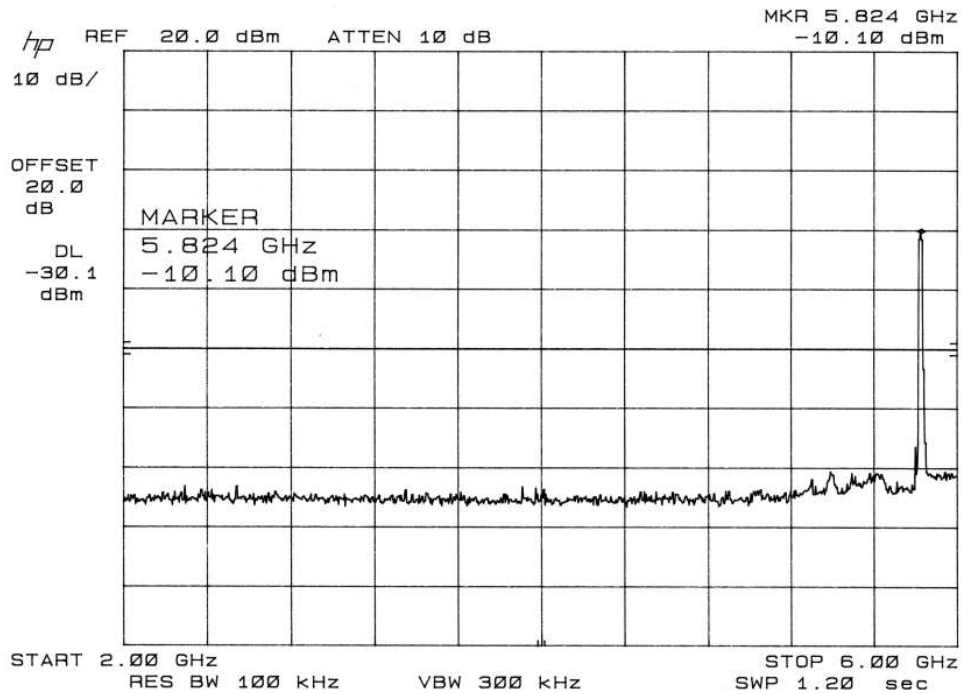
DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11a			

#### Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
22 °C	25 %	101.1 kPa

EUT performed within the requirements of the applicable standard  Yes  No *Les Payne*

Channel	Freq in MHz	Reading	-20dBc	Pass/Fail
Hi	5840	-10.1 dBm	-30.1 dBm	Pass



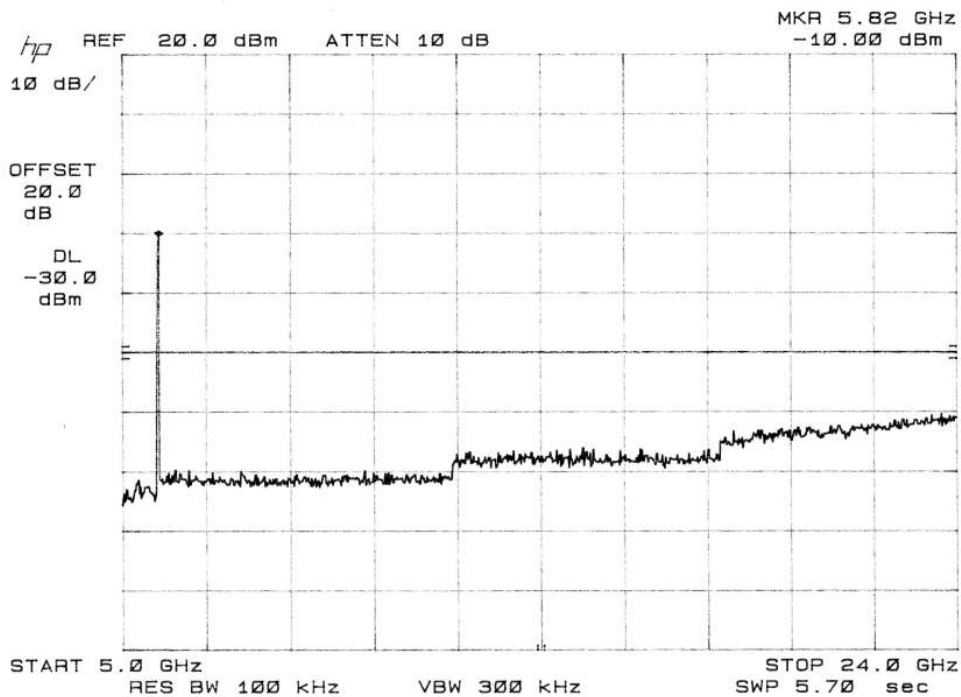




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### Spurious RF Conducted

DNB Job Number:	58042	Date:	14 Feb 2005	<b>Conformance Standard</b>  FCC Part 15
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	
Description:	Wireless Access Point			<b>Clause</b> 15.247(c)
	801.11a			
Environmental Conditions				
Ambient Temperature		Relative Humidity		Barometric Pressure
22 °C		25 %		101.1 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>				
Channel	Freq in MHz	Reading	-20dBc	Pass/Fail
Hi	5840	-10.0 dBm	-30.0 dBm	Pass



15.247 (d) Peak Power Spectral Density


Use the following spectrum analyzer settings:

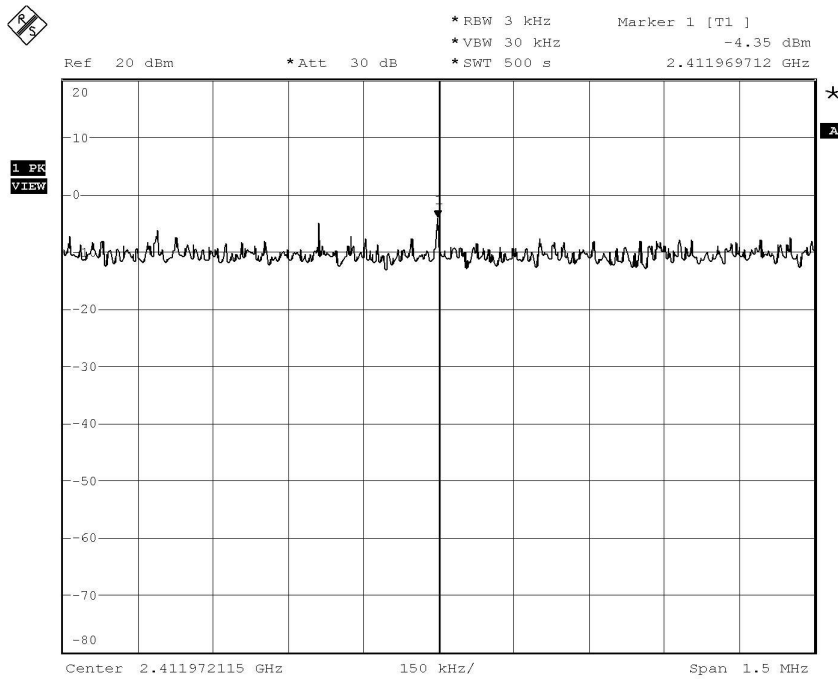
Span	=	300kHz
RBW	=	3 kHz
VBW	>	RBW
Sweep	>=	Frequency span/3kHz (Sweep time shall be such that it was greater than the span/3KHz for a full response of the mixer in the spectrum analyzer.)
Detector function	=	peak
Trace	=	max hold
Center Frequency	=	On low, mid, and hi channels respectively

Allow the trace to stabilize. Use the marker-to-peak function to set the marker to the peak of the emission. The indicated level is the peak power spectral density.


Requirement: The PPSD shall not exceed 8dBm

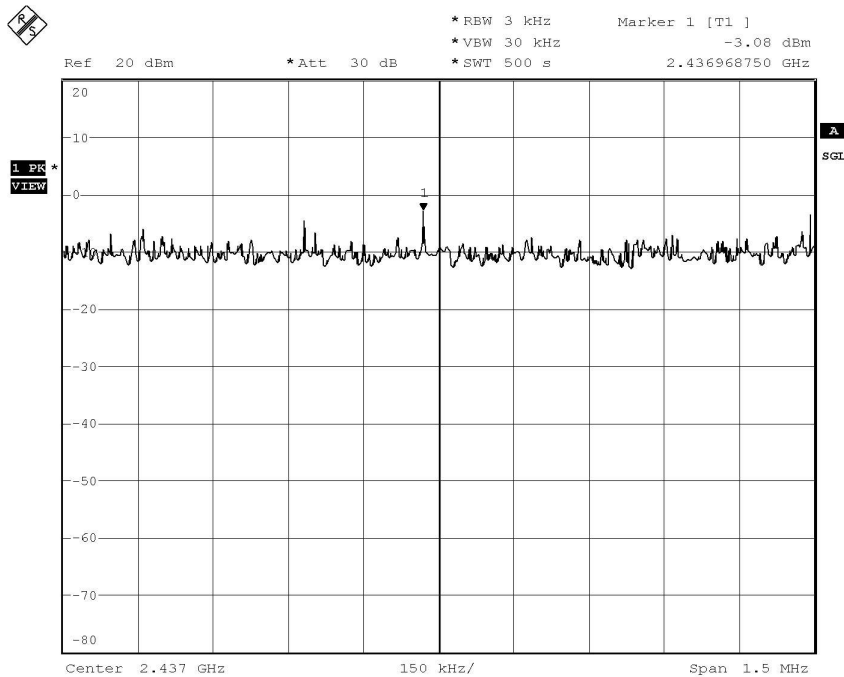
Test Set Up: Same as 6 dB Emission Bandwidth

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Peak Power Spectral Density</b>	
DNB Job Number:	58042	Date:	9 Sep 2004	<b>Conformance Standard</b>  FCC Part 15
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	
Description:	Wireless Access Point 801.11b,g			<b>Clause</b> 15.247(d)
<b>Environmental Conditions</b>				
Ambient Temperature		Relative Humidity		Barometric Pressure
23 °C		38 %		98.8 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>				
Channel	Chl Freq (MHz)	3kHz BW (MHz)	Limit in dBm	Pass/Fail
1	2412	-4.35	8.0	Pass




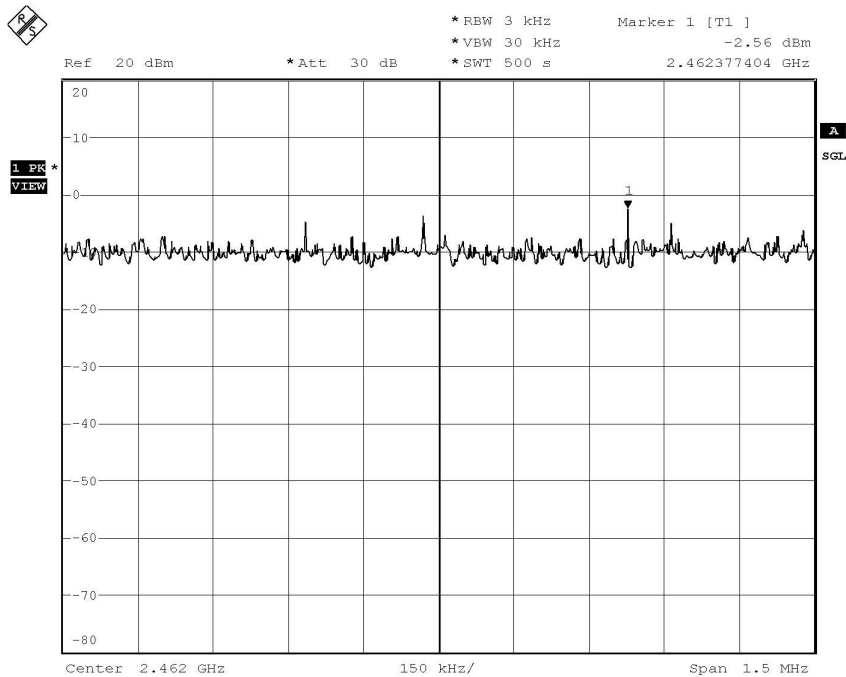
Date: 9.SEP.2004 14:35:15

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Peak Power Spectral Density</b>	
DNB Job Number:	58042	Date:	9 Sep 2004	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(d)
	801.11b,g			
<b>Environmental Conditions</b>				
Ambient Temperature		Relative Humidity		Barometric Pressure
22 °C		25 %		101.1 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>				
Channel	Chl Freq (MHz)	3kHz BW (MHz)	Limit in dBm	Pass/Fail
6	2437	-3.08	8.0	Pass




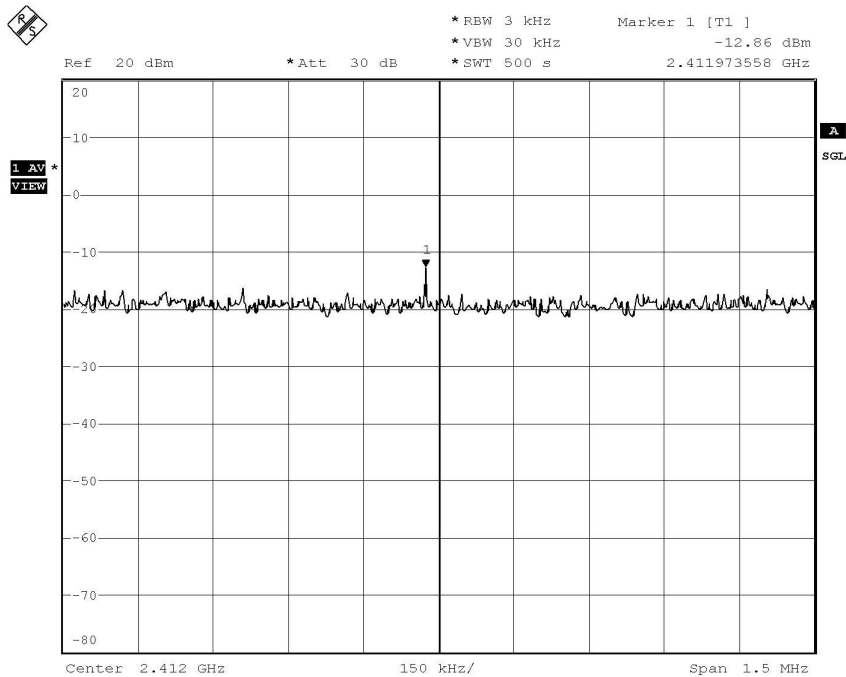
Date: 9.SEP.2004 15:00:30

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Peak Power Spectral Density</b>	
DNB Job Number:	58042	Date:	9 Sep 2004	<b>Conformance Standard</b>  FCC Part 15
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	
Description:	Wireless Access Point 801.11b,g			<b>Clause</b> 15.247(d)
<b>Environmental Conditions</b>				
Ambient Temperature		Relative Humidity		Barometric Pressure
23 °C		38 %		98.8 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>				
Channel	Chl Freq (MHz)	3kHz BW (MHz)	Limit in dBm	Pass/Fail
11	2462	-2.56	8.0	Pass



Date: 9.SEP.2004 15:18:25

	5969 Robinson Avenue Riverside, CA 92503 (951) 637-2630 FAX (951) 637-2704		<b>Peak Power Spectral Density</b>	
DNB Job Number:	58042	Date:	9 Sep 2004	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(d)
	801.11b,g OFDM			
<b>Environmental Conditions</b>				
Ambient Temperature		Relative Humidity		Barometric Pressure
23 °C		38 %		98.8 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>				
Channel	Chl Freq (MHz)	3kHz BW (MHz)	Limit in dBm	Pass/Fail
1	2412	-12.56	8.0	Pass



Date: 9.SEP.2004 15:57:48



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### Peak Power Spectral Density

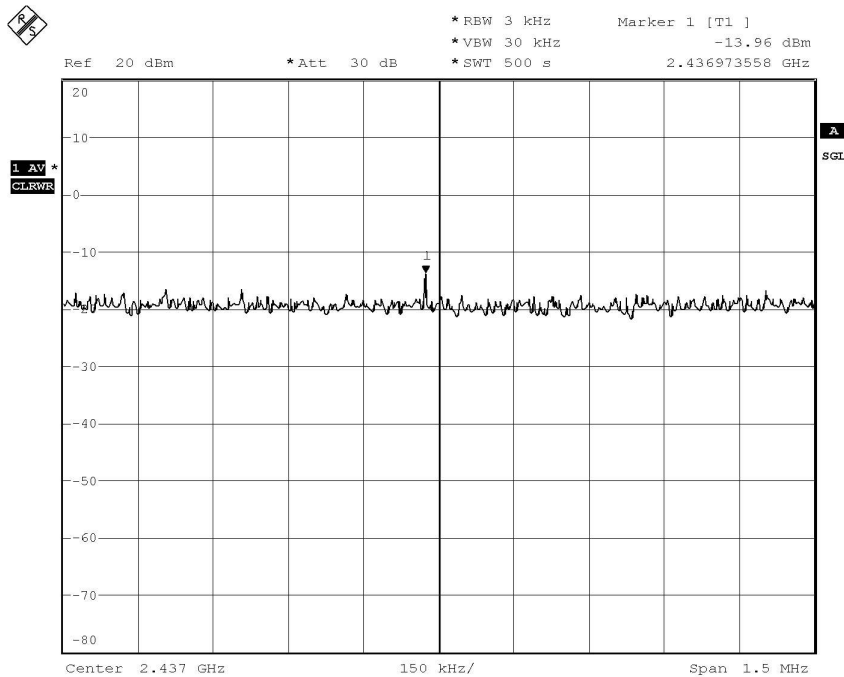
DNB Job Number:	58042	Date:	9 Sep 2004	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(d)
	801.11b,g OFDM			

#### Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
23 °C	38 %	98.8 kPa

EUT performed within the requirements of the applicable standard  Yes  No *Les Payne*

Channel	Chl Freq (MHz)	3kHz BW (MHz)	Limit in dBm	Pass/Fail
6	2437	-13.96	8.0	Pass



Date: 9.SEP.2004 15:45:45



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### Peak Power Spectral Density

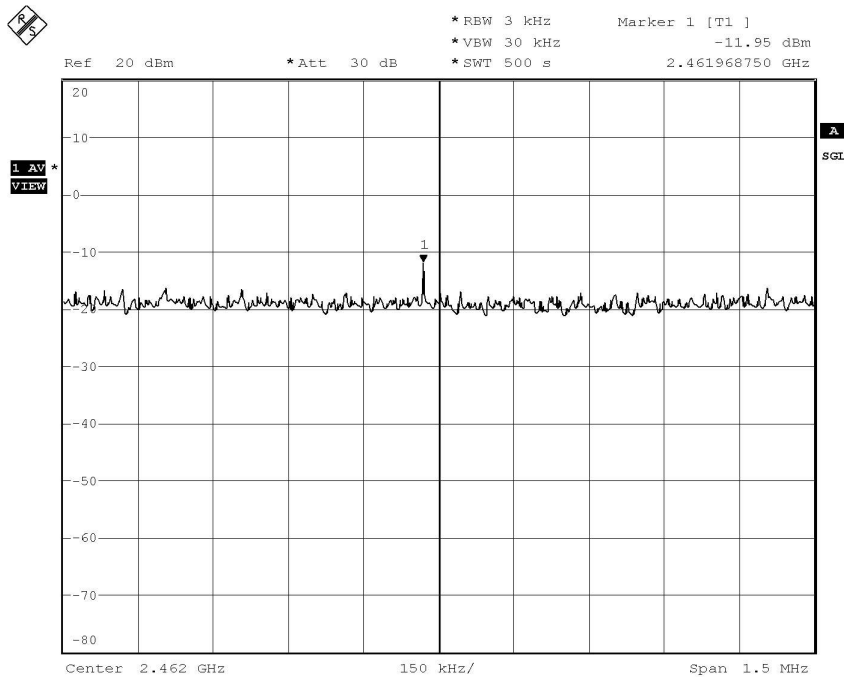
DNB Job Number:	58042	Date:	9 Sep 2004	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(d)
	801.11b,g OFDM			

#### Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
23 °C	38 %	98.8 kPa

EUT performed within the requirements of the applicable standard  Yes  No *Les Payne*

Channel	Chl Freq (MHz)	3kHz BW (MHz)	Limit in dBm	Pass/Fail
11	2462	-11.95	8.0	Pass



Date: 9.SEP.2004 15:30:56





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### Peak Power Spectral Density

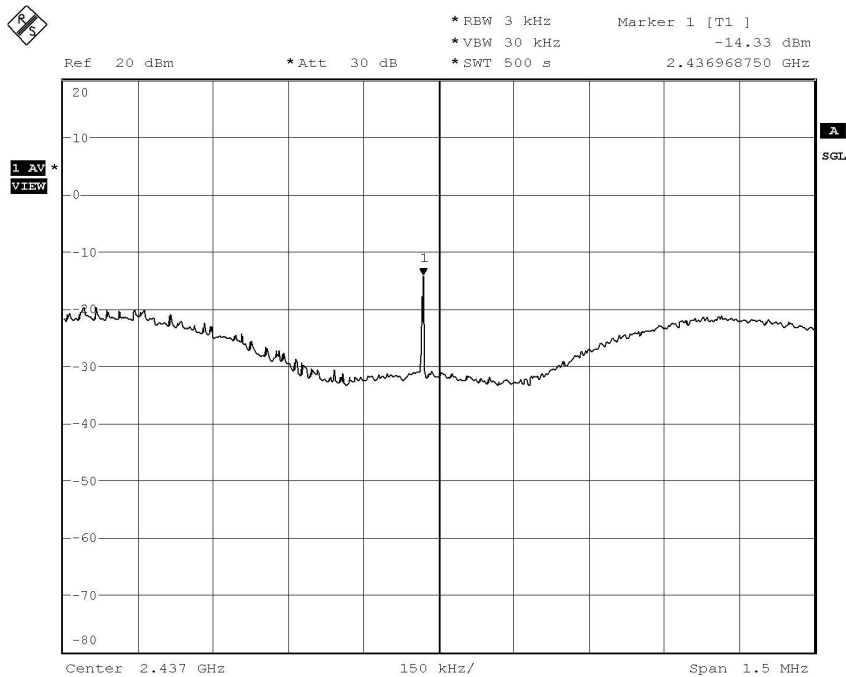
DNB Job Number:	58042	Date:	9 Sep 2004	<b>Conformance Standard</b>
Customer:	3e Technologies Inc			
Model Number:	NL5354MP+ Aires2	Serial Number:	Proto	FCC Part 15
Description:	Wireless Access Point			<b>Clause</b> 15.247(d)
	801.11b,g OFDM			

#### Environmental Conditions

Ambient Temperature	Relative Humidity	Barometric Pressure
23 °C	38 %	98.8 kPa

EUT performed within the requirements of the applicable standard  Yes  No *Les Payne*

Channel	Chl Freq (MHz)	3kHz BW (MHz)	Limit in dBm	Pass/Fail
6 (Turbo)	2437	-14.33	8.0	Pass



Date: 9.SEP.2004 16:27:49