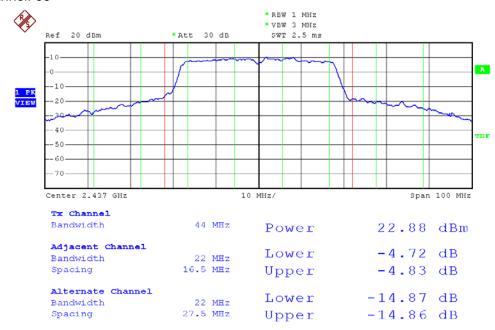
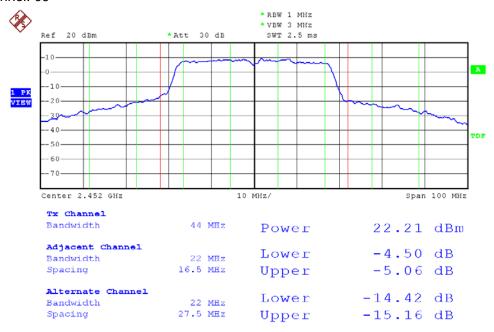


Modulation Standard: 802.11n HT40 (270Mbps), ANT R, Peak Power Output Channel: 06



Modulation Standard: 802.11n HT40 (270Mbps), ANT R, Peak Power Output Channel: 09



Tel:886-2-2655-8100 Fax:886-2-2655-8200

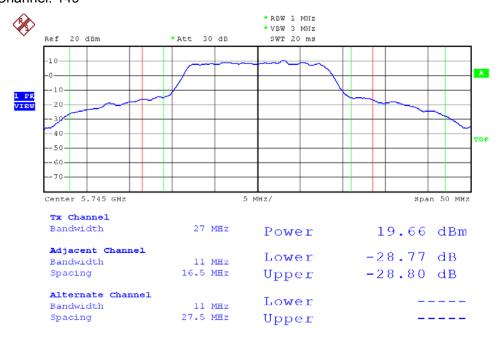
Issued date : Jun. 20, 2012

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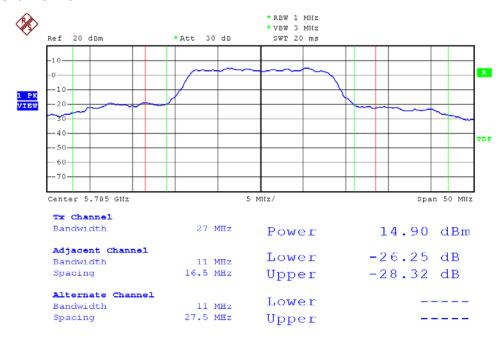
FCC ID : ZTT-UA2000



Modulation Standard: 802.11a (54Mbps), ANT R, Peak Power Output Channel: 149



Modulation Standard: 802.11a (54Mbps), ANT R, Peak Power Output Channel: 157



Tel:886-2-2655-8100 Fax:886-2-2655-8200

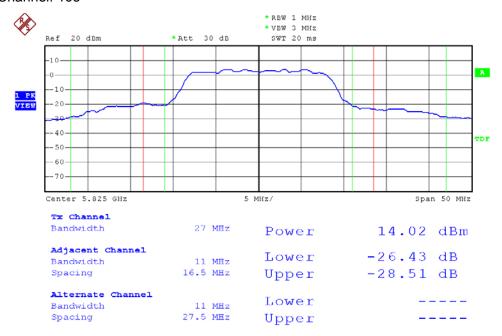
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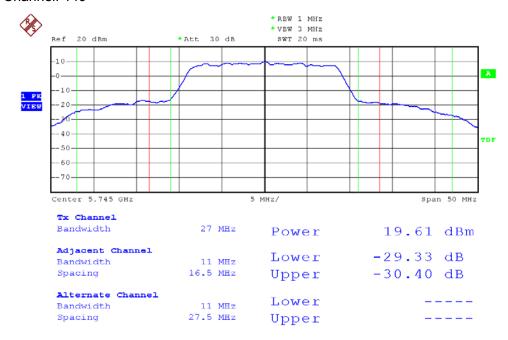
 FCC ID
 : ZTT-UA2000



Modulation Standard: 802.11a (54Mbps), ANT R, Peak Power Output Channel: 165



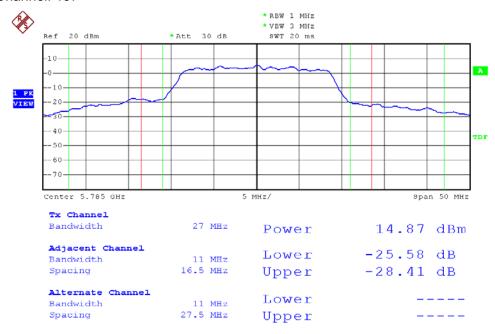
Modulation Standard: 802.11an HT20 (130Mbps), ANT R, Peak Power Output Channel: 149



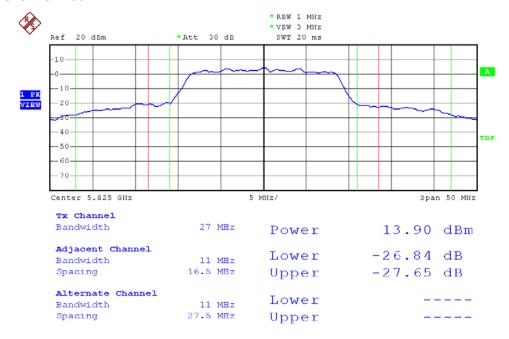
Tel:886-2-2655-8100 Fax:886-2-2655-8200

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FCC ID : ZTT-UA2000

Modulation Standard: 802.11an HT20 (130Mbps), ANT R, Peak Power Output Channel: 157



Modulation Standard: 802.11an HT20 (130Mbps), ANT R, Peak Power Output Channel: 165



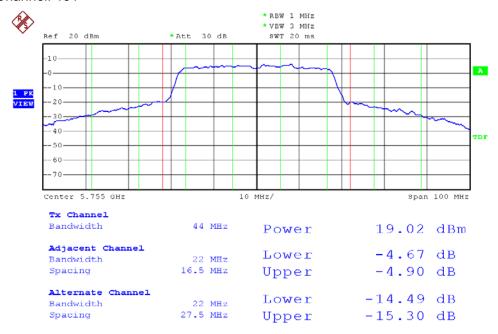
Tel:886-2-2655-8100 Fax:886-2-2655-8200

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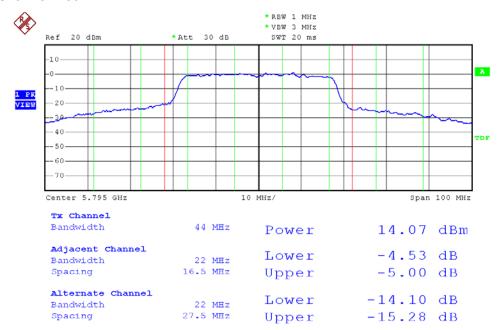


Modulation Standard: 802.11an HT40 (270Mbps), ANT R, Peak Power Output Channel: 151

CERPASS TECHNOLOGY CORP.



Modulation Standard: 802.11an HT40 (270Mbps), ANT R, Peak Power Output Channel: 159



Tel:886-2-2655-8100 Fax:886-2-2655-8200

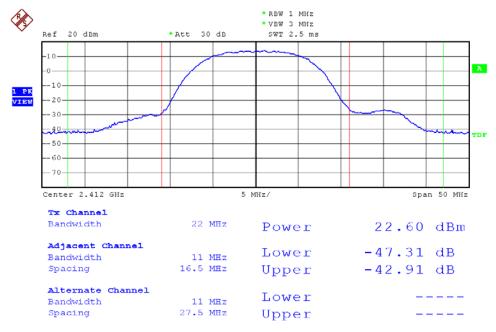
Issued date : Jun. 20, 2012

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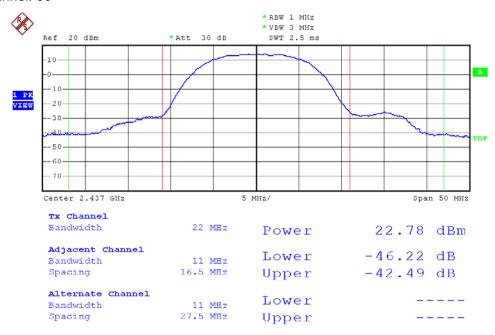
FCC ID : ZTT-UA2000



Modulation Standard: 802.11b (11Mbps), ANT L, Peak Power Output Channel: 01



Modulation Standard: 802.11b (11Mbps), ANT L, Peak Power Output Channel: 06



Tel:886-2-2655-8100 Fax:886-2-2655-8200

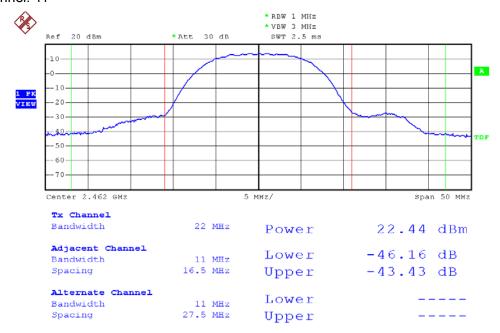
Issued date : Jun. 20, 2012

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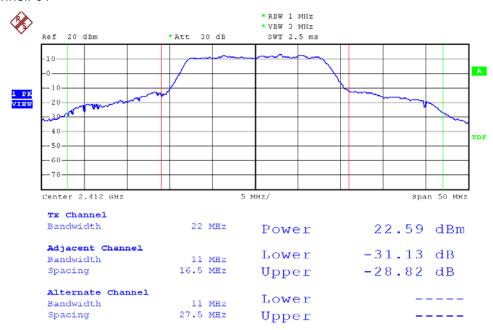
FCC ID : ZTT-UA2000



Modulation Standard: 802.11b (11Mbps), ANT L, Peak Power Output Channel: 11



Modulation Standard: 802.11g (54Mbps), ANT L, Peak Power Output Channel: 01



Tel:886-2-2655-8100 Fax:886-2-2655-8200

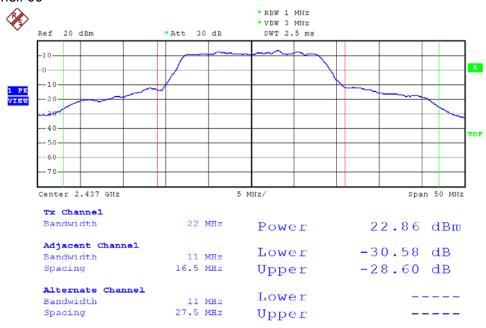
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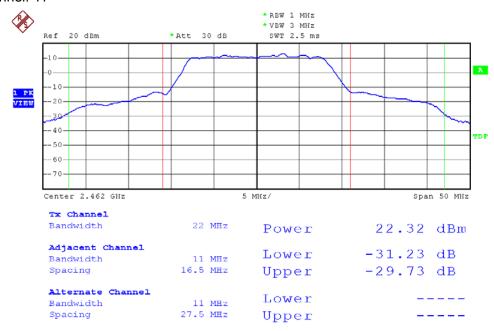
 FCC ID
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Modulation Standard: 802.11g (54Mbps), ANT L, Peak Power Output Channel: 06



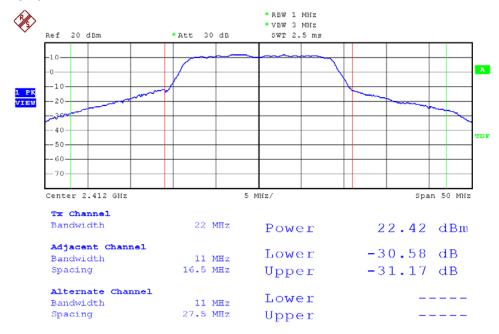
Modulation Standard: 802.11g (54Mbps), ANT L, Peak Power Output Channel: 11



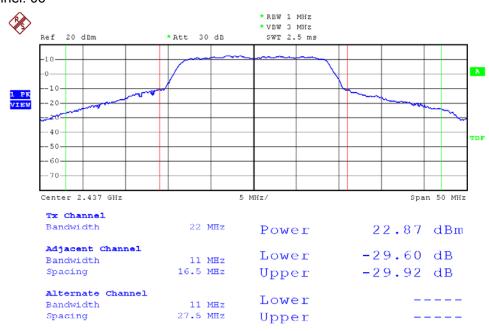
Tel:886-2-2655-8100 Fax:886-2-2655-8200

Issued date : Jun. 20, 2012
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FCC ID : ZTT-UA2000

Modulation Standard: 802.11n HT20 (130Mbps), ANT L, Peak Power Output Channel: 01



Modulation Standard: 802.11n HT20 (130Mbps), ANT L, Peak Power Output Channel: 06

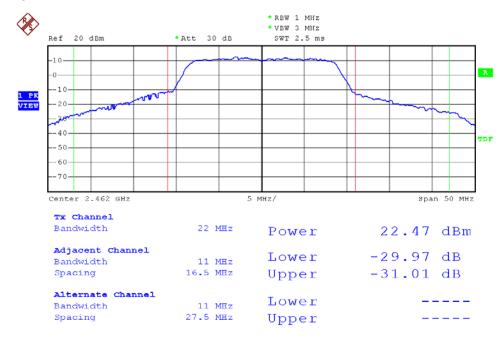


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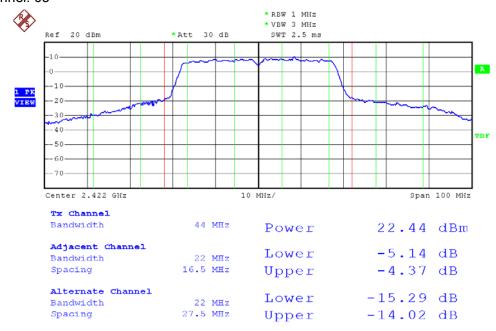
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Modulation Standard: 802.11n HT20 (130Mbps), ANT L, Peak Power Output Channel: 11



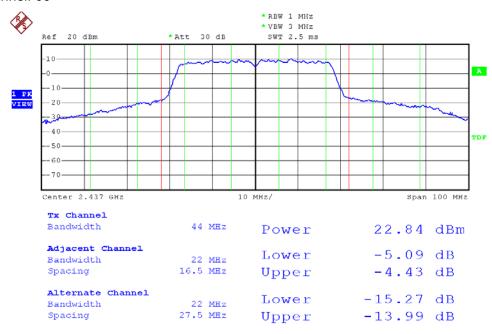
Modulation Standard: 802.11n HT40 (270Mbps), ANT L, Peak Power Output Channel: 03



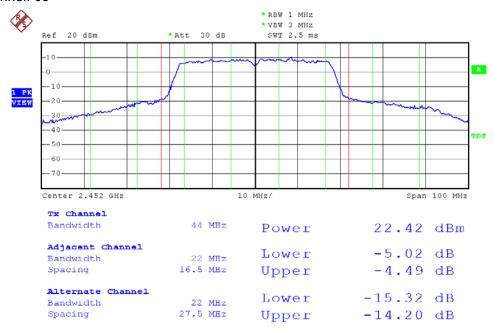
Tel:886-2-2655-8100 Fax:886-2-2655-8200

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Modulation Standard: 802.11n HT40 (270Mbps), ANT L, Peak Power Output Channel: 06



Modulation Standard: 802.11n HT40 (270Mbps), ANT L, Peak Power Output Channel: 09

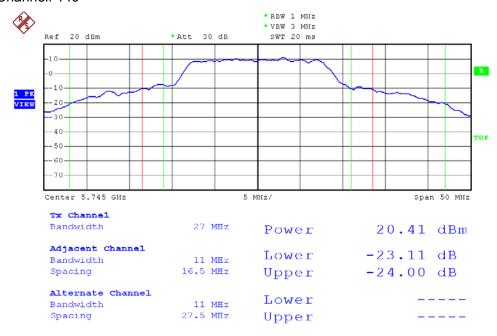


Tel:886-2-2655-8100 Fax:886-2-2655-8200

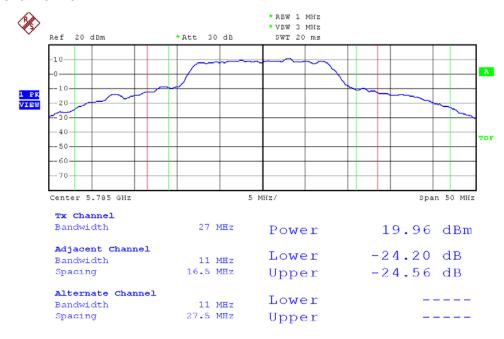
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Modulation Standard: 802.11a (54Mbps), ANT L, Peak Power Output Channel: 149



Modulation Standard: 802.11a (54Mbps), ANT L, Peak Power Output Channel: 157



Tel:886-2-2655-8100 Fax:886-2-2655-8200

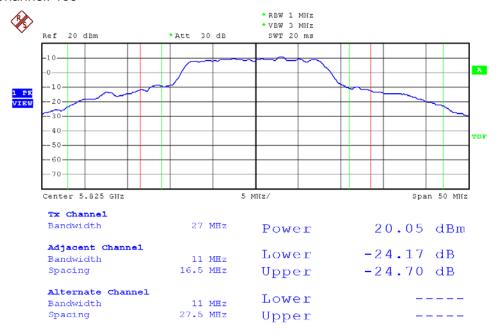
Issued date : Jun. 20, 2012

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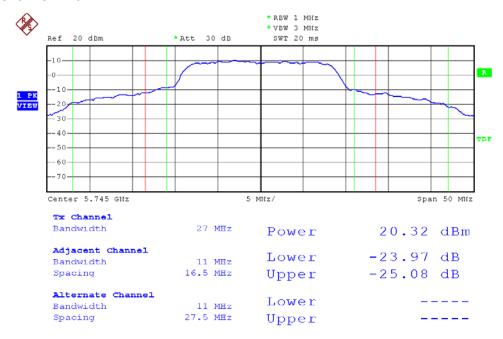
FCC ID : ZTT-UA2000



Modulation Standard: 802.11a (54Mbps), ANT L, Peak Power Output Channel: 165



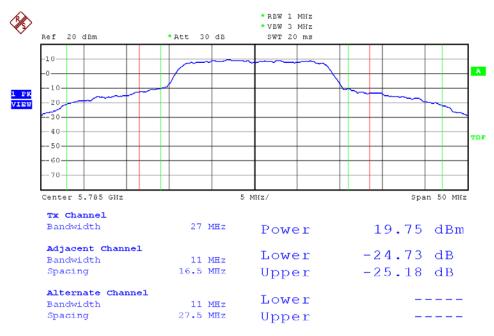
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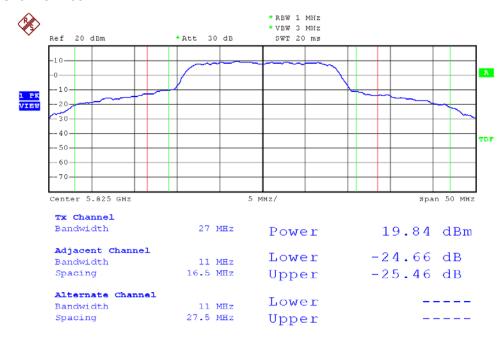
Tel:886-2-2655-8100 Fax:886-2-2655-8200

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FCC ID : ZTT-UA2000

Modulation Standard: 802.11an HT20 (130Mbps), ANT L, Peak Power Output Channel: 157



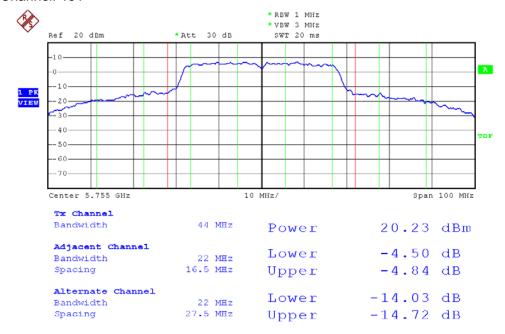
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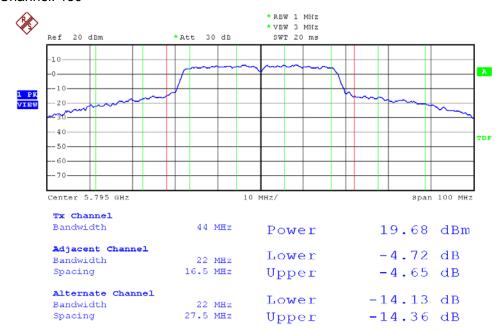
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Modulation Standard: 802.11an HT40 (270Mbps), ANT L, Peak Power Output Channel: 151



Modulation Standard: 802.11an HT40 (270Mbps), ANT L, Peak Power Output Channel: 159



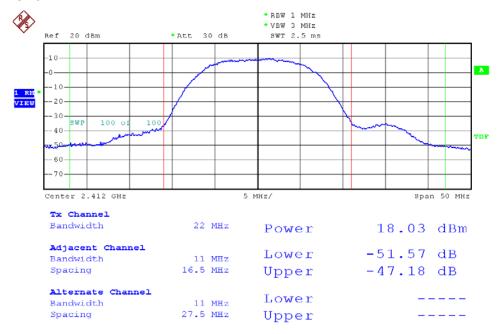
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Issued date : Jun. 20, 2012

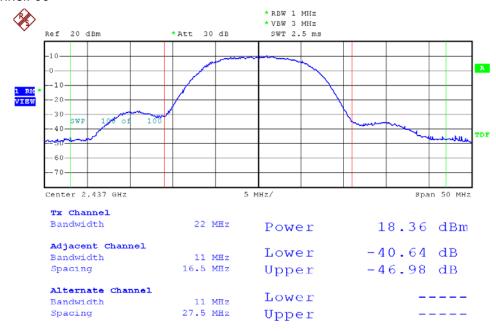
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FCC ID : ZTT-UA2000

Modulation Standard: 802.11b (11Mbps), ANT R, Average Power Output Channel: 01



Modulation Standard: 802.11b (11Mbps), ANT R, Average Power Output Channel: 06



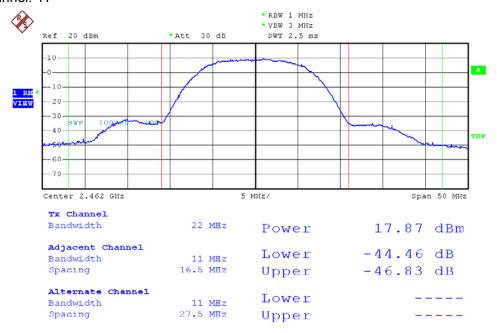
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 Issued date
 : Jun. 20, 2012

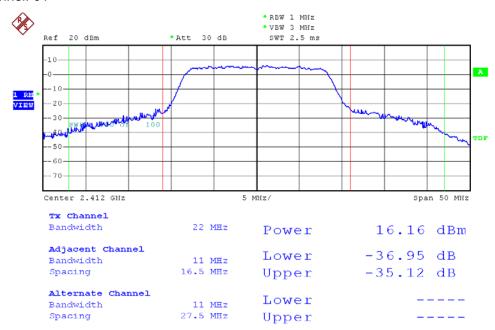
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Modulation Standard: 802.11b (11Mbps), ANT R, Average Power Output Channel: 11



Modulation Standard: 802.11g (54Mbps), ANT R, Average Power Output Channel: 01

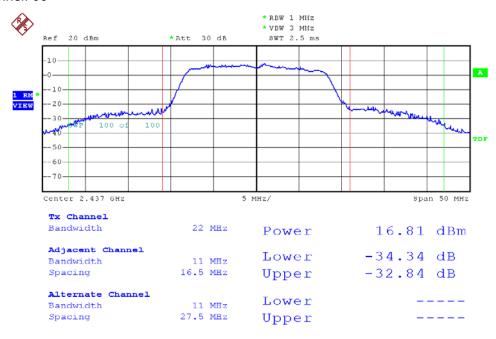


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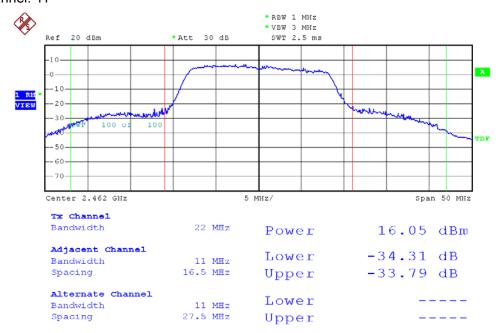
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Modulation Standard: 802.11g (54Mbps), ANT R, Average Power Output Channel: 06



Modulation Standard: 802.11g (6Mbps), ANT R, Average Power Output Channel: 11



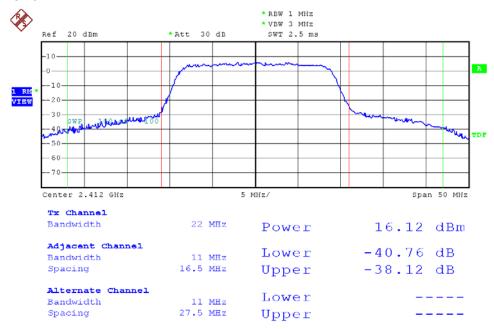
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Issued date : Jun. 20, 2012

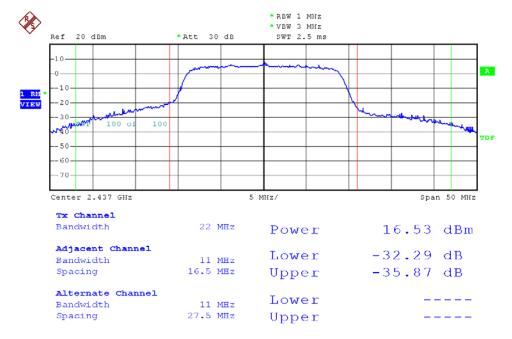
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FCC ID : ZTT-UA2000

Modulation Standard: 802.11n HT20 (130Mbps), ANT R, Average Power Output Channel: 01



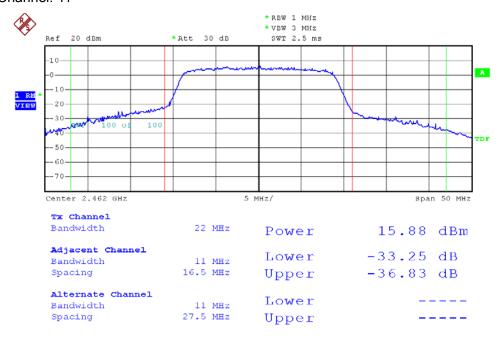
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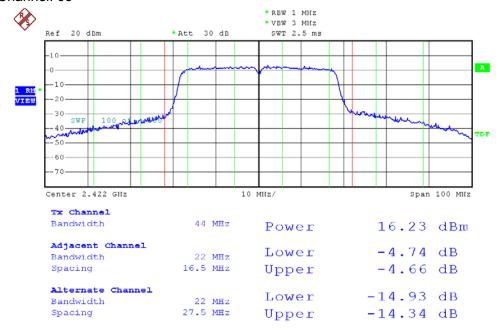
Tel:886-2-2655-8100 Fax:886-2-2655-8200

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Modulation Standard: 802.11n HT20 (130Mbps), ANT R, Average Power Output Channel: 11



Modulation Standard: 802.11n HT40 (270Mbps), ANT R, Average Power Output Channel: 03



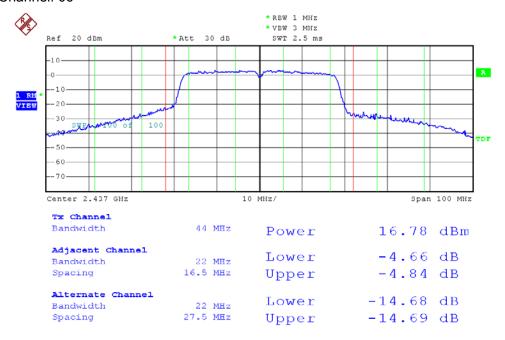
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 Issued date
 : Jun. 20, 2012

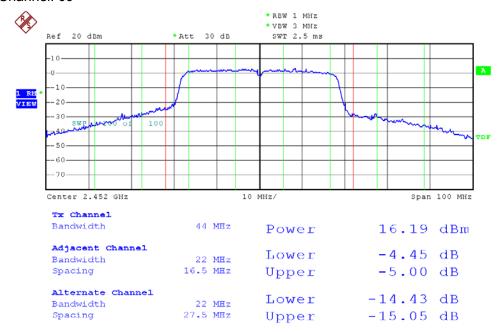
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Modulation Standard: 802.11n HT40 (270Mbps), ANT R, Average Power Output Channel: 06



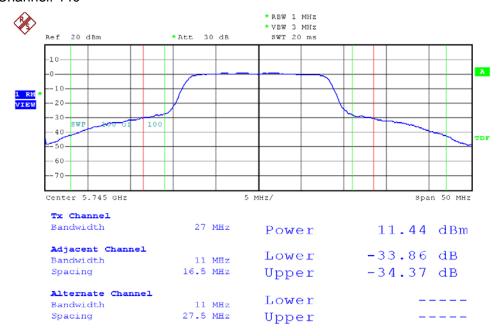
Modulation Standard: 802.11n HT40 (270Mbps), ANT R, Average Power Output Channel: 09



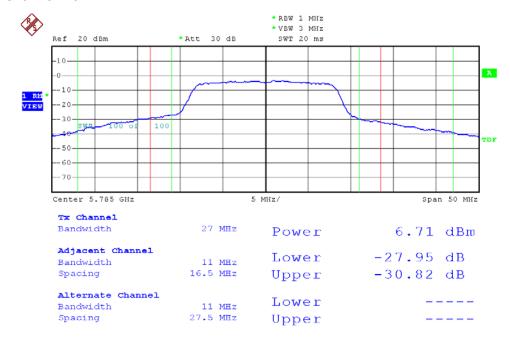
Tel:886-2-2655-8100 Fax:886-2-2655-8200

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FCC ID : ZTT-UA2000

Modulation Standard: 802.11a (54Mbps), ANT R, Average Power Output Channel: 149



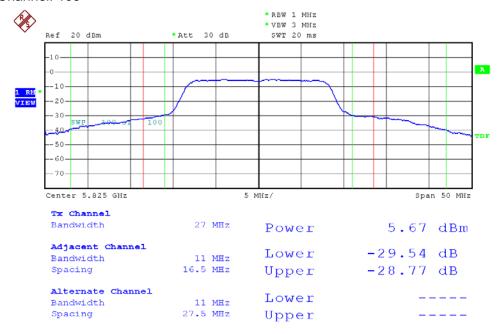
Modulation Standard: 802.11a (54Mbps), ANT R, Average Power Output Channel: 157



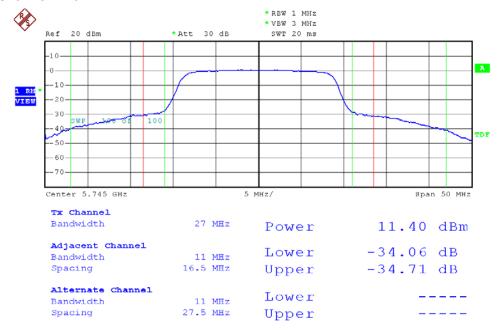
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Modulation Standard: 802.11a (54Mbps), ANT R, Average Power Output Channel: 165



Modulation Standard: 802.11an HT20 (130Mbps), ANT R, Average Power Output Channel: 149



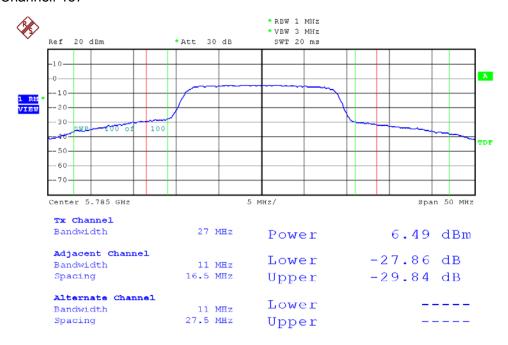
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Issued date : Jun. 20, 2012

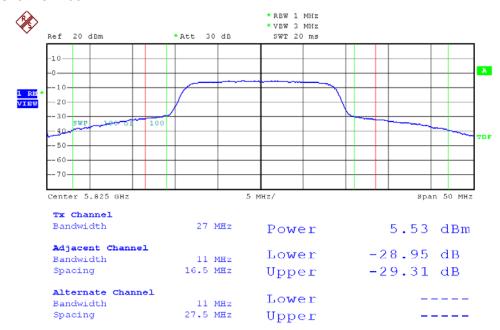
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FCC ID : ZTT-UA2000

Modulation Standard: 802.11an HT20 (130Mbps), ANT R, Average Power Output Channel: 157



Modulation Standard: 802.11an HT20 (130Mbps), ANT R, Average Power Output Channel: 165



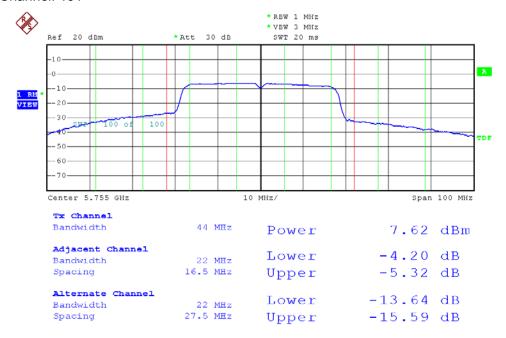
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Issued date : Jun. 20, 2012

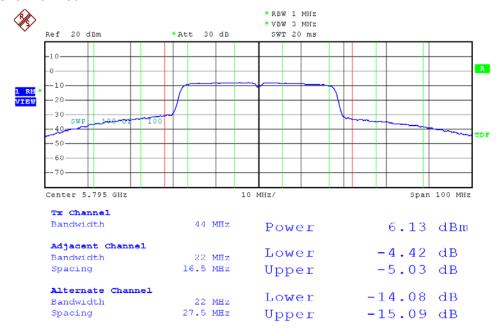
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FCC ID : ZTT-UA2000

Modulation Standard: 802.11an HT40 (270Mbps), ANT R, Average Power Output Channel: 151



Modulation Standard: 802.11an HT40 (270Mbps), ANT R, Average Power Output Channel: 159



Tel:886-2-2655-8100 Fax:886-2-2655-8200

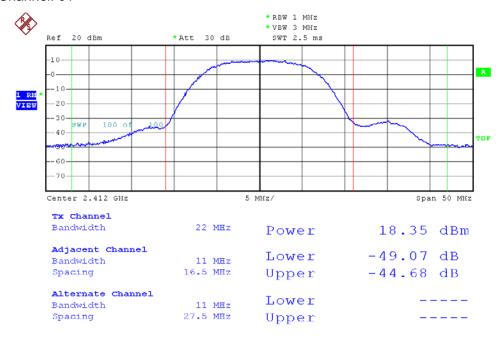
Issued date : Jun. 20, 2012

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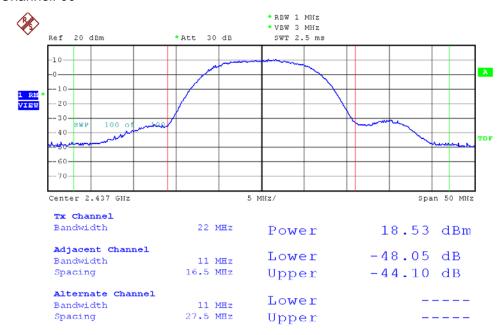
FCC ID : ZTT-UA2000



Modulation Standard: 802.11b (11Mbps), ANT L, Average Power Output Channel: 01



Modulation Standard: 802.11b (11Mbps), ANT L, Average Power Output Channel: 06



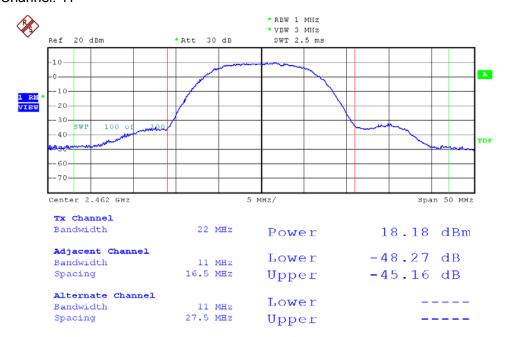
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Issued date : Jun. 20, 2012

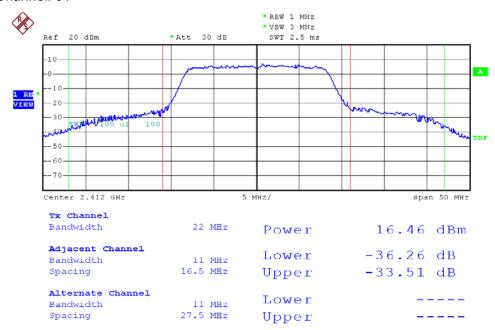
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FCC ID : ZTT-UA2000

Modulation Standard: 802.11b (11Mbps), ANT L, Average Power Output Channel: 11



Modulation Standard: 802.11g (54Mbps), ANT L, Average Power Output Channel: 01

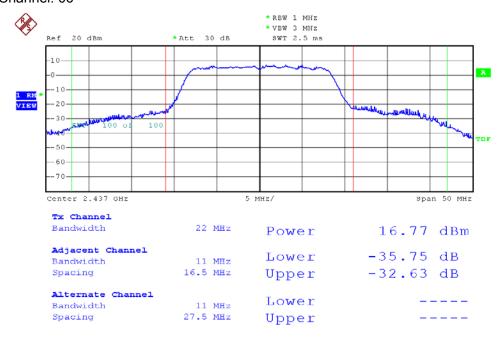


Tel:886-2-2655-8100 Fax:886-2-2655-8200

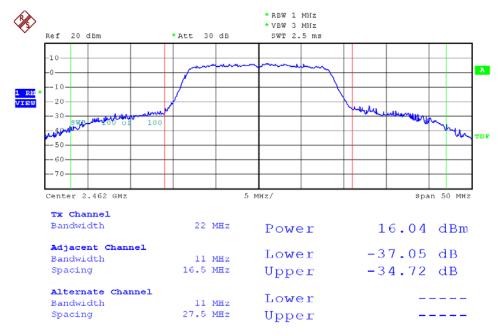
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FCC ID : ZTT-UA2000



Modulation Standard: 802.11g (54Mbps), ANT L, Average Power Output Channel: 06



Modulation Standard: 802.11g (54Mbps), ANT L, Average Power Output Channel: 11



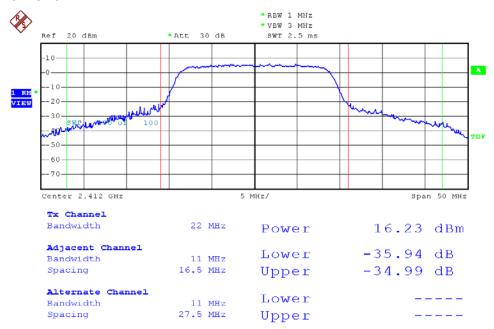
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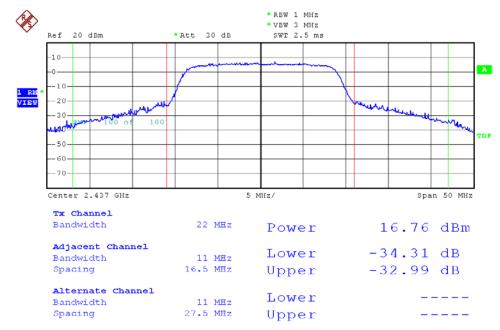
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FCC ID : ZTT-UA2000

Modulation Standard: 802.11n HT20 (130Mbps), ANT L, Average Power Output Channel: 01



Modulation Standard: 802.11n HT20 (130Mbps), ANT L, Average Power Output Channel: 06



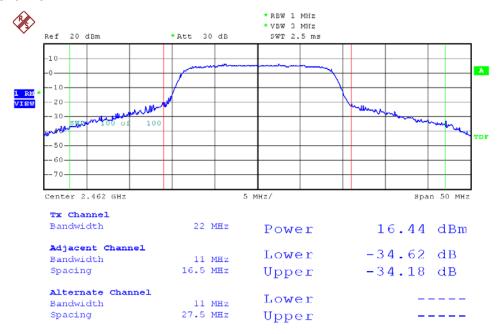
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 : Jun. 20, 2012

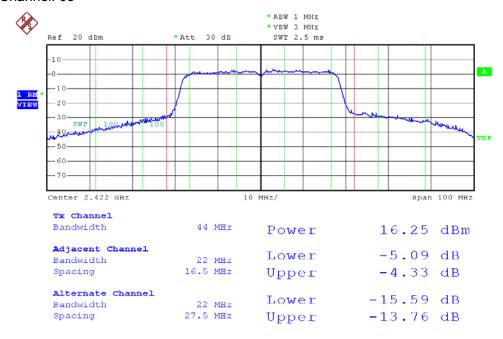
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Modulation Standard: 802.11n HT20 (130Mbps), ANT L, Average Power Output Channel: 11



Modulation Standard: 802.11n HT40 (270Mbps), ANT L, Average Power Output Channel: 03



Tel:886-2-2655-8100 Fax:886-2-2655-8200

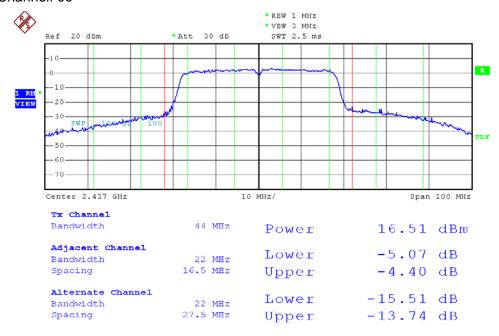
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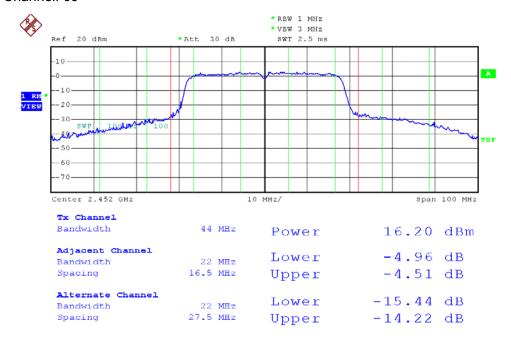
 FCC ID
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Modulation Standard: 802.11n HT40 (270Mbps), ANT L, Average Power Output Channel: 06



Modulation Standard: 802.11n HT40 (270Mbps), ANT L, Average Power Output Channel: 09



Tel:886-2-2655-8100 Fax:886-2-2655-8200

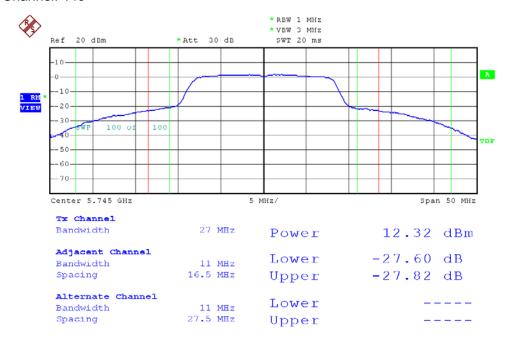
Issued date : Jun. 20, 2012

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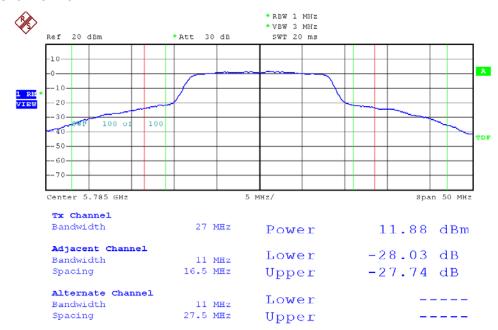
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Modulation Standard: 802.11a (54Mbps), ANT L, Average Power Output Channel: 149



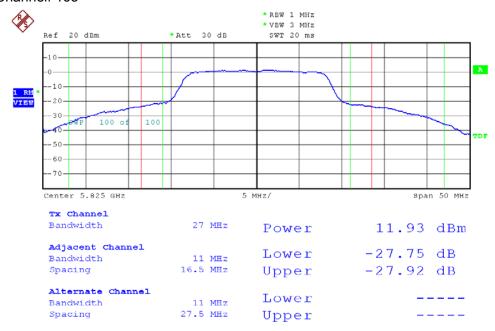
Modulation Standard: 802.11a (54Mbps), ANT L, Average Power Output Channel: 157



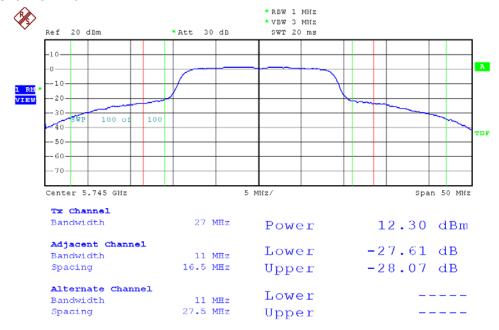
Tel:886-2-2655-8100 Fax:886-2-2655-8200

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Modulation Standard: 802.11a (54Mbps), ANT L, Average Power Output Channel: 165



Modulation Standard: 802.11an HT20 (130Mbps), ANT L, Average Power Output Channel: 149



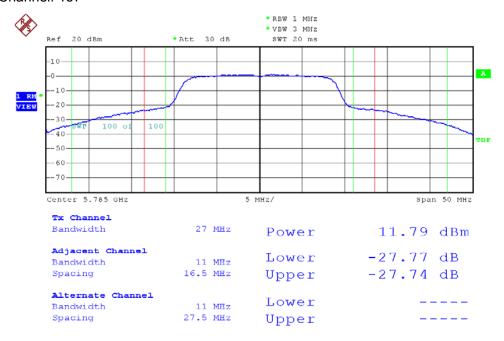
Tel:886-2-2655-8100 Fax:886-2-2655-8200

Issued date : Jun. 20, 2012

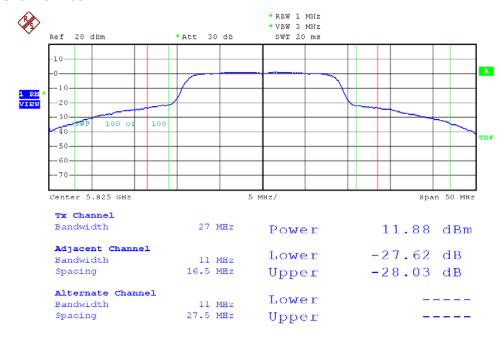
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Modulation Standard: 802.11an HT20 (130Mbps), ANT L, Average Power Output Channel: 157



Modulation Standard: 802.11an HT20 (130Mbps), ANT L, Average Power Output Channel: 165



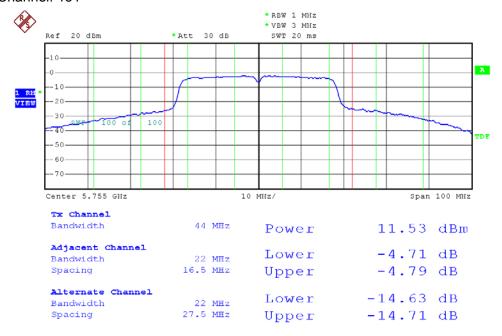
Tel:886-2-2655-8100 Fax:886-2-2655-8200

Issued date : Jun. 20, 2012

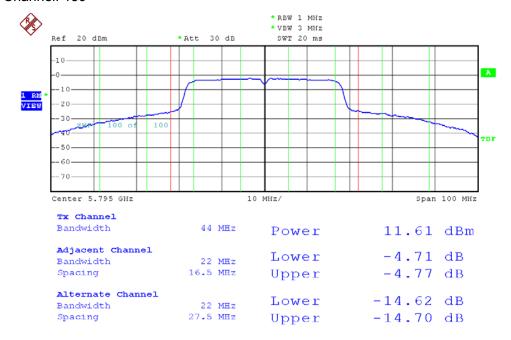
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Modulation Standard: 802.11an HT40 (270Mbps), ANT L, Average Power Output Channel: 151



Modulation Standard: 802.11an HT40 (270Mbps), ANT L, Average Power Output Channel: 159



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8. Power Spectral Density

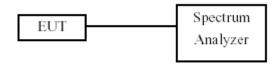
8.1 Test Limit

The Maximum of Power Spectral Density Measurement is 6.99dBm(2.4GHz), 4.99dBm(5GHz).

8.2 Test Procedures

- a. The transmitter output was connected to spectrum analyzer.
- b. The spectrum analyzer's resolution bandwidth were set at 100KHz RBW and 300KHz VBW as that of the fundamental frequency. Set the sweep time=auto couple.
- c. Scale the observed power level to an equivalent value in 3 kHz by adjusting the measured power by a bandwidth correction factor (BWCF) where BWCF= 10log (3 kHz/100 = -15.2 dB).
- d. The power spectral density was measured and recorded.

8.3 Test Setup Layout



8.4 Measurement Equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
Spectrum Analyzer	R&S	FSP40	100219	2011/11/24	2012/11/23

Cerpass Technology Corp.Tel:886-2-2655-8100 Fax:886-2-2655-8200

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8.5 Test Result and Data

Test Date: Jun. 01, 2012 Temperature: 25° C Atmospheric pressure: 1020 hPa Humidity: 65%

Modulation Standard	Channel	Frequency	Maximum Power Density of 3 kHz Bandwidth (dBm)		
		(MHz)	ANT R	ANT L	
802.11b (11Mbps)	01	2412	-9.65	-10.23	
	06	2437	-9.31	-10.11	
	11	2462	-9.65	-10.44	
	01	2412	-13.64	-13.80	
802.11g (54Mbps)	06	2437	-13.18	-13.47	
	11	2462	-13.64	-14.39	

Modulation Standard	Channel	Frequency (MHz)	Maximum Power Density of 3 kHz Bandwidth (dBm)		
			ANT R	ANT L	R+L
802.11n HT20 (130Mbps)	01	2412	-14.08	-14.58	-11.31
	06	2437	-13.71	-13.80	-10.74
	11	2462	-13.91	-14.05	-10.97
802.11n HT40 (270Mbps)	03	2422	-16.70	-16.92	-13.80
	06	2437	-16.39	-16.44	-13.40
	09	2452	-17.08	-16.75	-13.90

Test Date: Jun. 05, 2012 Temperature: 25° C Atmospheric pressure: 1020 hPa Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	Maximum Power Density of 3 kHz Bandwidth (dBm)		
		(IVIHZ)	ANT R	ANT L	
802.11a (54Mbps)	149	5745	-15.13	-13.58	
	157	5785	-19.49	-14.50	
	165	5825	-21.20	-14.33	

Modulation Standard	Channel	Frequency (MHz)	Maximum Power Density of 3 kHz Bandwidth (dBm)		
		` ,	ANT R	ANT L	R+L
802.11an HT20 (130Mbps)	149	5745	-16.20	-14.20	-12.08
	157	5785	-20.65	-15.01	-13.96
	165	5825	-21.53	-15.31	-14.38
802.11an HT40 (270Mbps)	151	5755	-19.35	-17.26	-15.17
	159	5795	-24.36	-17.00	-16.27

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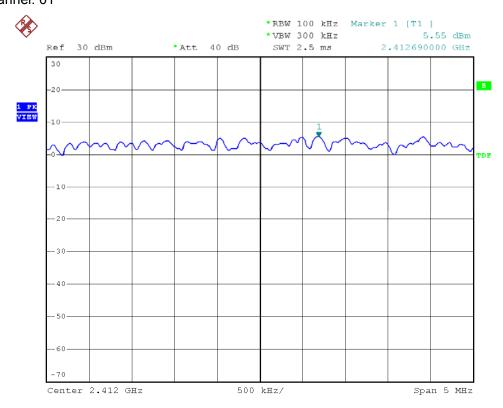
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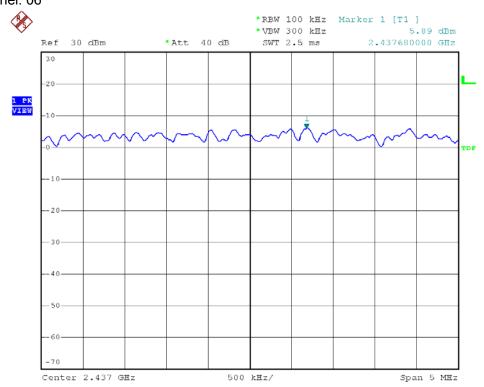
 FCC ID
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Modulation Standard: 802.11b (11Mbps), ANT R Channel: 01



Modulation Standard: 802.11b (11Mbps), ANT R Channel: 06

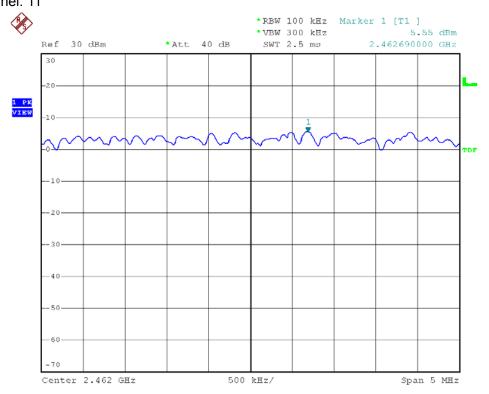


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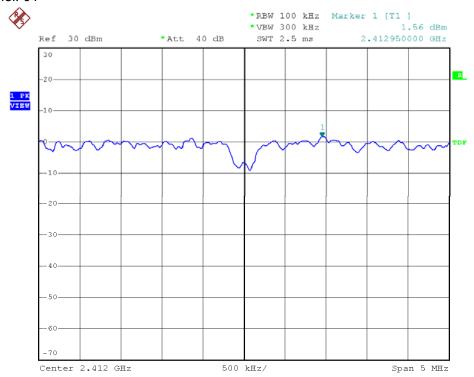
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Modulation Standard: 802.11b (11Mbps), ANT R Channel: 11



Modulation Standard: 802.11g (54Mbps), ANT R Channel: 01

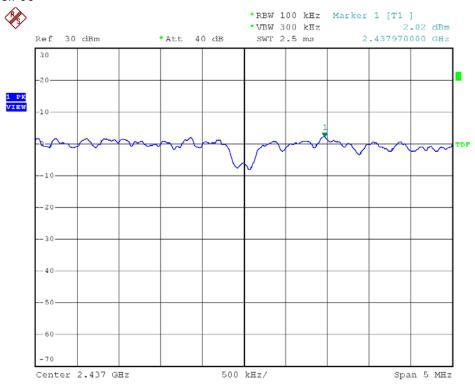


Tel:886-2-2655-8100 Fax:886-2-2655-8200

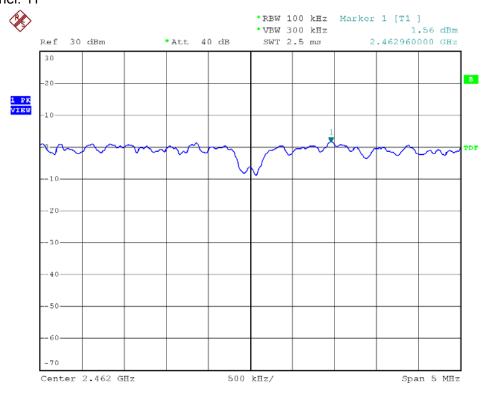
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Modulation Standard: 802.11g (54Mbps), ANT R Channel: 06



Modulation Standard: 802.11g (54Mbps), ANT R Channel: 11

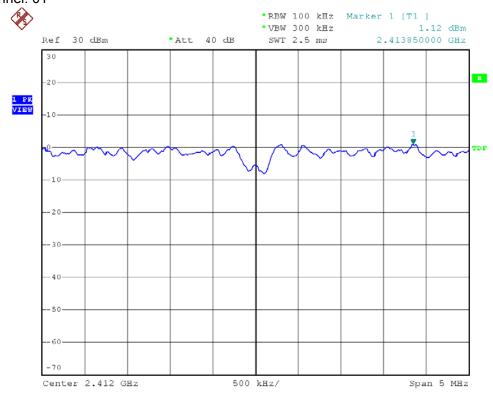


Tel:886-2-2655-8100 Fax:886-2-2655-8200

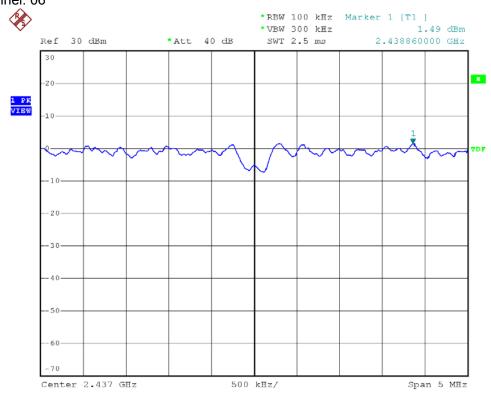
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Modulation Standard: 802.11n HT20 (130Mbps), ANT R Channel: 01



Modulation Standard: 802.11n HT20 (130Mbps), ANT R Channel: 06



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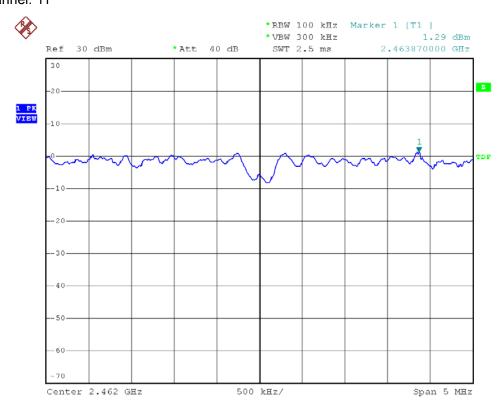
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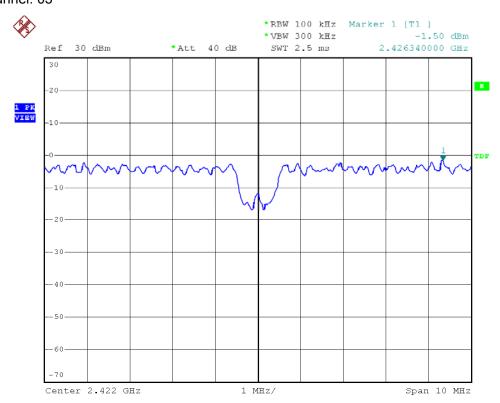
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Modulation Standard: 802.11n HT20 (130Mbps), ANT R Channel: 11



Modulation Standard: 802.11n HT40 (270Mbps), ANT R Channel: 03



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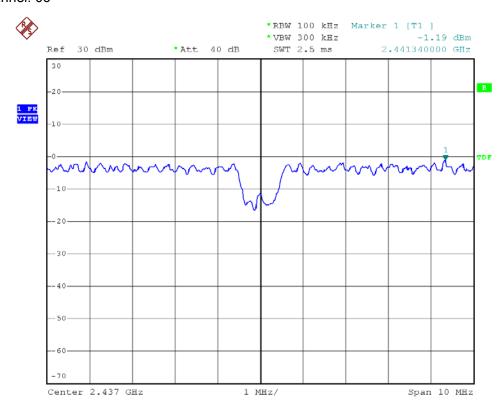
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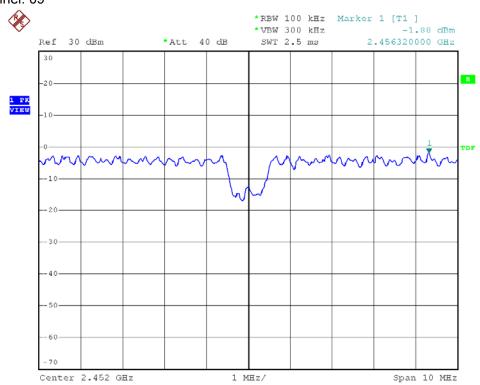
 FCC ID
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Modulation Standard: 802.11n HT40 (270Mbps), ANT R Channel: 06



Modulation Standard: 802.11n HT40 (270Mbps), ANT R Channel: 09



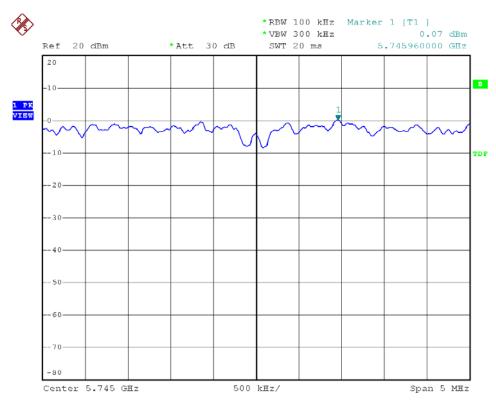
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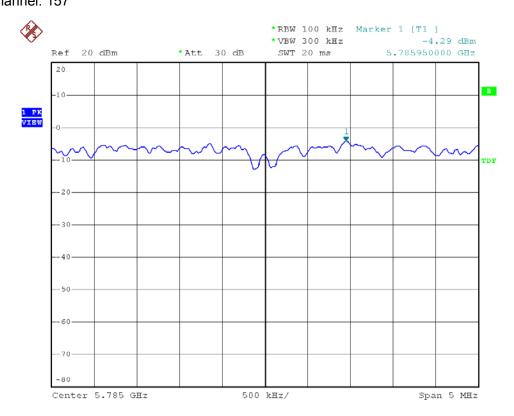


Modulation Standard: 802.11a (54Mbps), ANT R

Channel: 149



Modulation Standard: 802.11a (54Mbps), ANT R Channel: 157

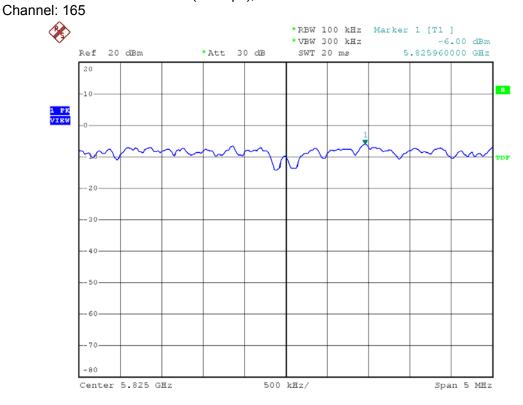


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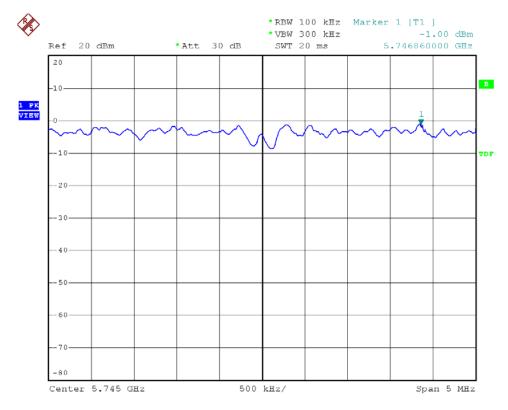
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Modulation Standard: 802.11a (54Mbps), ANT R



Modulation Standard: 802.11an HT20 (130Mbps), ANT R Channel: 149

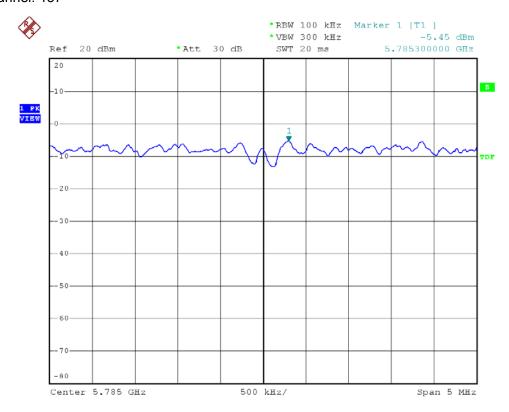


Tel:886-2-2655-8100 Fax:886-2-2655-8200

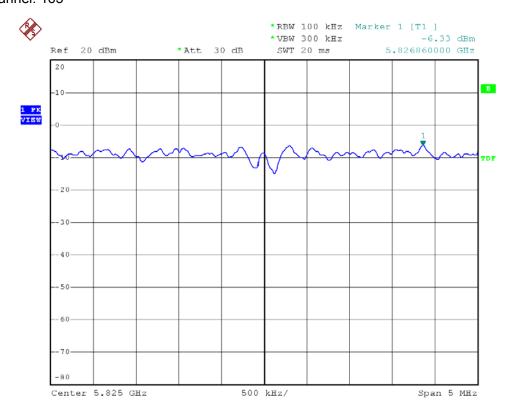
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Modulation Standard: 802.11an HT20 (130Mbps), ANT R Channel: 157



Modulation Standard: 802.11an HT20 (130Mbps), ANT R Channel: 165



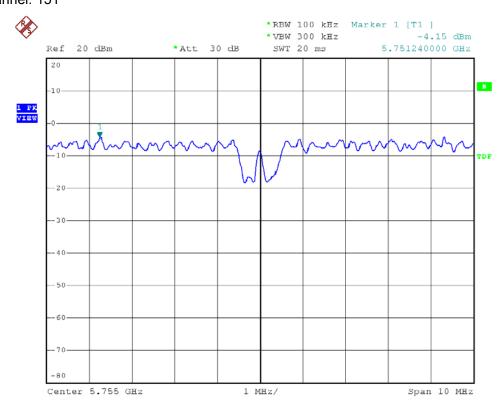
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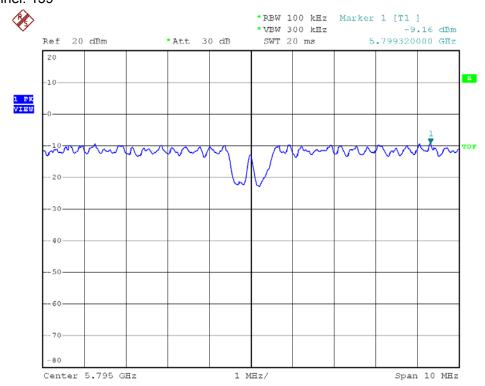
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Modulation Standard: 802.11an HT40 (270Mbps), ANT R Channel: 151



Modulation Standard: 802.11an HT40 (270Mbps), ANT R Channel: 159

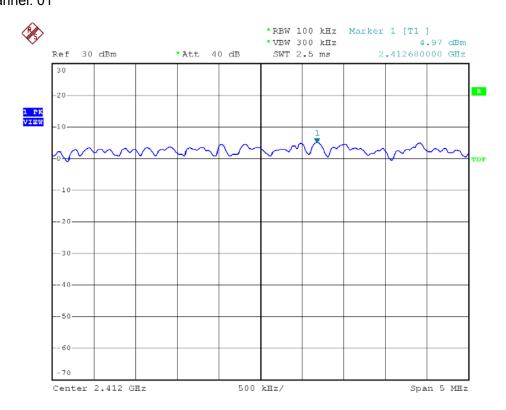


Tel:886-2-2655-8100 Fax:886-2-2655-8200

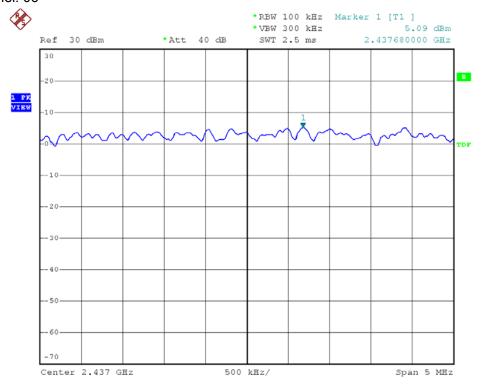
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Modulation Standard: 802.11b (11Mbps), ANT L Channel: 01



Modulation Standard: 802.11g (54Mbps), ANT L Channel: 06

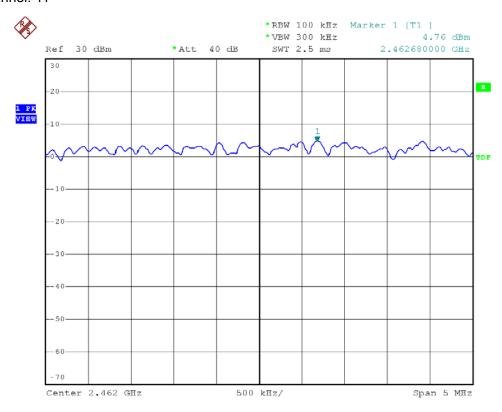


Tel:886-2-2655-8100 Fax:886-2-2655-8200

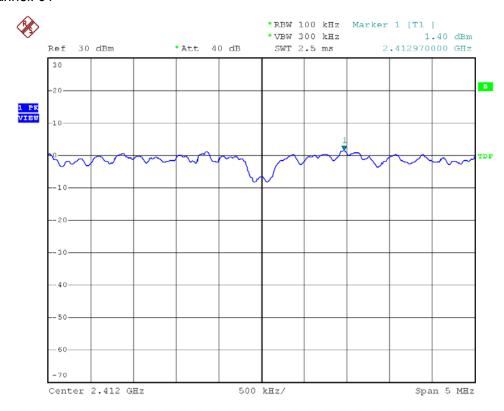
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Modulation Standard: 802.11b (11Mbps), ANT L Channel: 11



Modulation Standard: 802.11g (54Mbps), ANT L Channel: 01

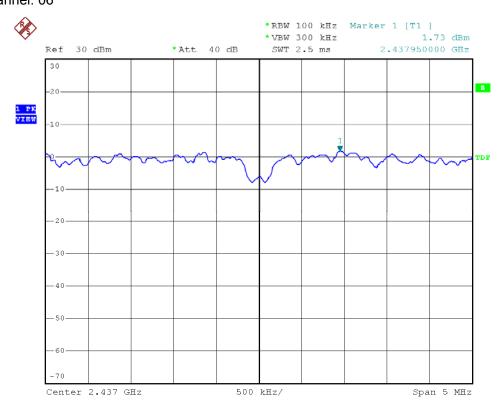


Tel:886-2-2655-8100 Fax:886-2-2655-8200

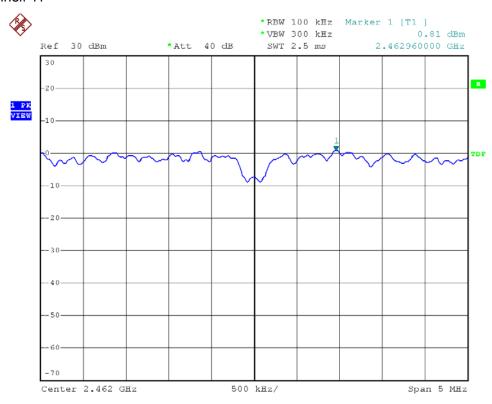
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Modulation Standard: 802.11g (54Mbps), ANT L Channel: 06



Modulation Standard: 802.11g (54Mbps), ANT L Channel: 11

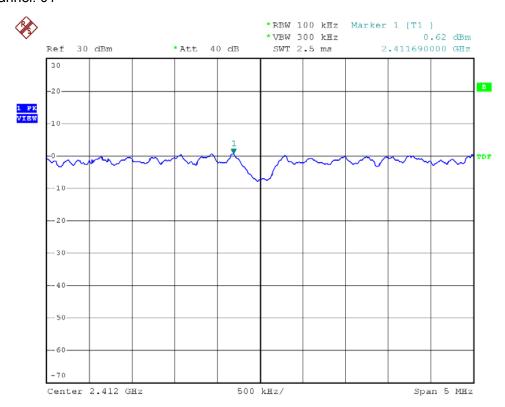


Tel:886-2-2655-8100 Fax:886-2-2655-8200

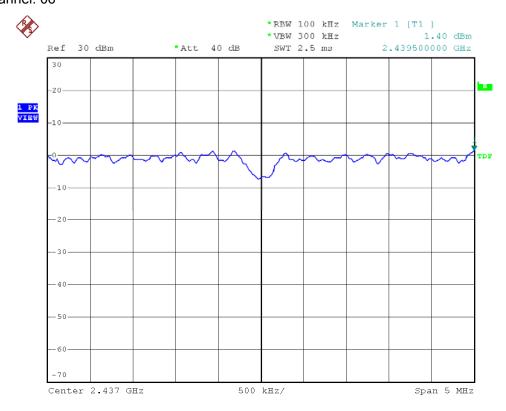
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Modulation Standard: 802.11n HT20 (130Mbps), ANT L Channel: 01



Modulation Standard: 802.11n HT20 (130Mbps), ANT L Channel: 06



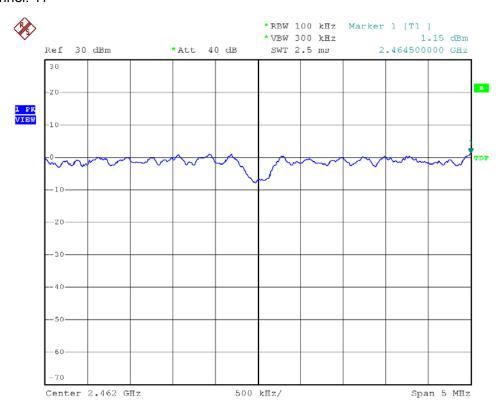
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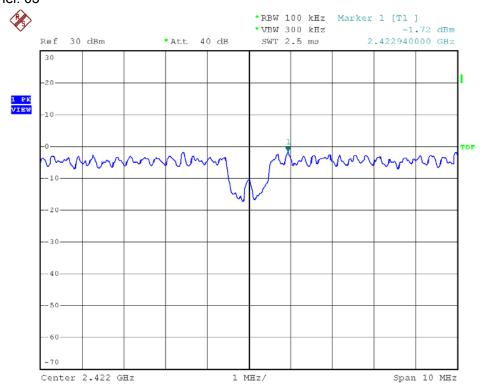
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Modulation Standard: 802.11n HT20 (130Mbps), ANT L Channel: 11



Modulation Standard: 802.11n HT40 (270Mbps), ANT L Channel: 03

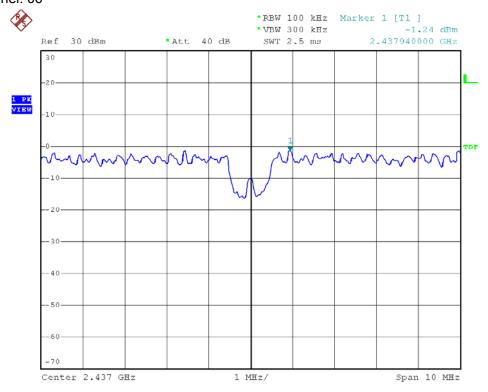


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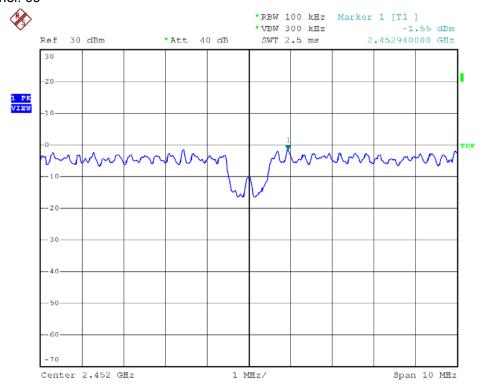
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Modulation Standard: 802.11n HT40 (270Mbps), ANT L Channel: 06



Modulation Standard: 802.11n HT40 (270Mbps), ANT L Channel: 09

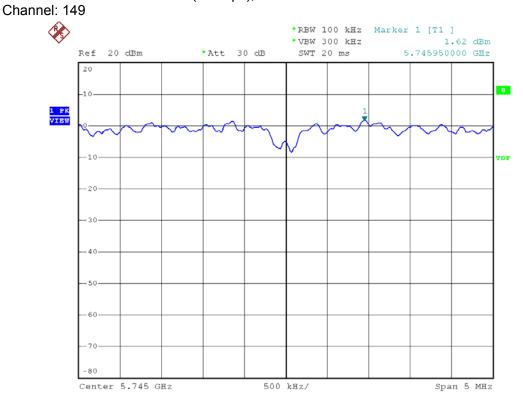


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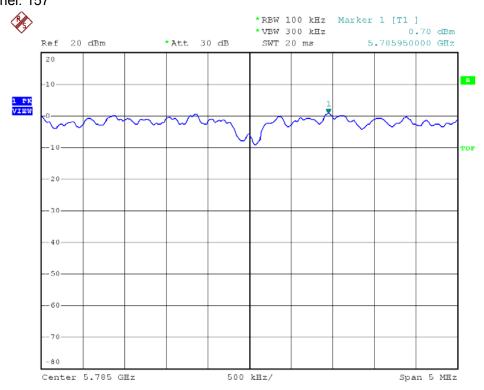
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Modulation Standard: 802.11a (54Mbps), ANT L



Modulation Standard: 802.11a (54Mbps), ANT L Channel: 157

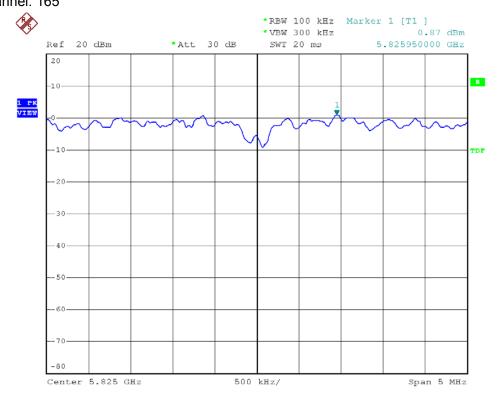


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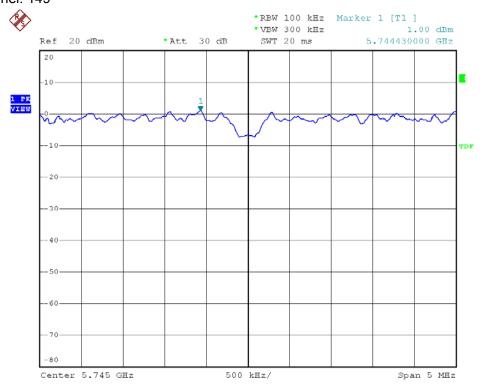
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Modulation Standard: 802.11a (54Mbps), ANT L Channel: 165



Modulation Standard: 802.11an HT20 (130Mbps), ANT L Channel: 149

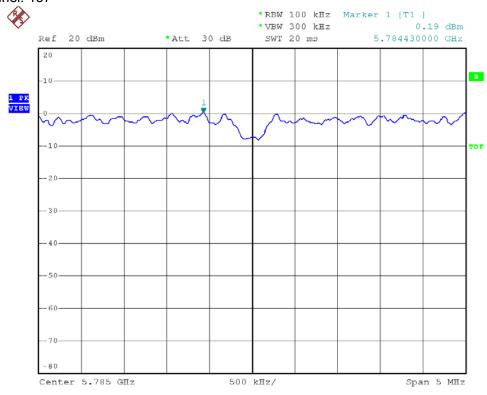


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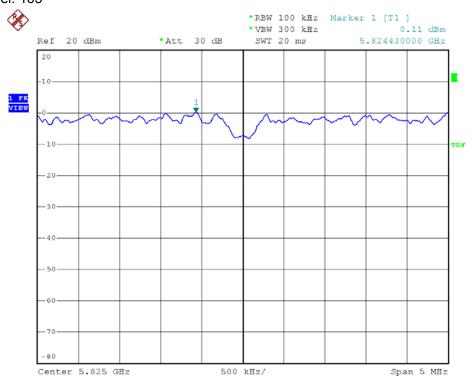
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Modulation Standard: 802.11an HT20 (130Mbps), ANT L Channel: 157



Modulation Standard: 802.11an HT20 (130Mbps), ANT L Channel: 165

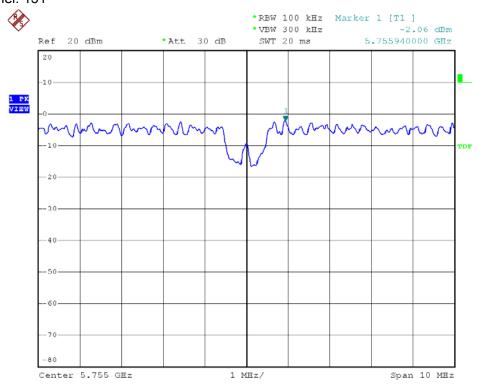


Tel:886-2-2655-8100 Fax:886-2-2655-8200

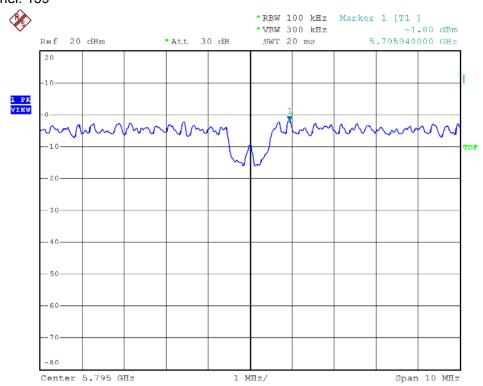
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Modulation Standard: 802.11an HT40 (270Mbps), ANT L Channel: 151



Modulation Standard: 802.11an HT40 (270Mbps), ANT L Channel: 159



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9. Band Edges Measurement

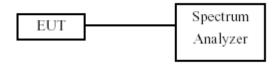
9.1 Test Limit

Below –20dB of the highest emission level of operating band (In 100 kHz Resolution Bandwidth)

9.2 Test Procedure

- a. The transmitter output was connected to the spectrum analyzer via a low lose cable.
- b. Set RBW of spectrum analyzer to 100 KHz and VBW of spectrum analyzer to 300 KHz with convenient frequency span including 100 KHz bandwidth from band edge.
- c. The band edges was measured and recorded.

9.3 Test Setup Layout



9.4 Measurement Equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
Spectrum Analyzer	R&S	FSP40	100219	2011/11/24	2012/11/23

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9.5 Test Result and Data

Test Date: Jun. 01, 2012 Temperature: 25° C Atmospheric pressure: 1020 hPa Humidity: 65%

Modulation	Channel	Frequency (MHz)	maximum value in frequency (MHz)		maximum value (dBm)	
Standard			ANT R	ANT L	ANT R	ANT L
802.11b (11Mbps)	01	2412	2399.80	2399.20	-42.61	-39.99
	11	2462	2498.90	2485.50	-46.47	-46.57
802.11g (54Mbps)	01	2412	2400.00	2399.60	-34.41	-30.21
	11	2462	2483.70	2483.90	-40.67	-41.23
802.11n HT20	01	2412	2399.80	2400.00	-36.16	-31.87
(130Mbps)	11	2462	2483.50	2484.50	-40.79	-40.33
802.11n HT40 (270Mbps)	03	2422	2399.60	2399.80	-28.81	-36.55
	09	2452	2483.70	2485.50	-37.57	-34.58

Test Date: Jun. 01, 2012 Temperature: 25° C Atmospheric pressure: 1020 hPa Humidity: 65%

Modulation Standard	Channel	Frequency (MHz)	maximum value in frequency (MHz)		maximum value (dBm)	
			ANT R	ANT L	ANT R	ANT L
802.11a	149	5745	5724.80	5725.00	-37.57	-29.05
(54Mbps)	165	5825	5850.00	5850.40	-44.18	-43.66
802.11an HT20 (130Mbps)	149	5745	5725.00	5725.00	-37.91	-30.80
	165	5825	5850.80	5850.00	-43.67	-42.48
802.11an HT40 (270Mbps)	151	5755	5722.00	5722.80	-35.58	-28.69
	159	5795	5850.40	5850.00	-48.24	-49.86

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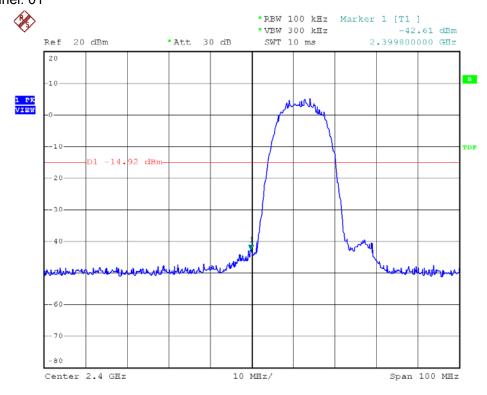
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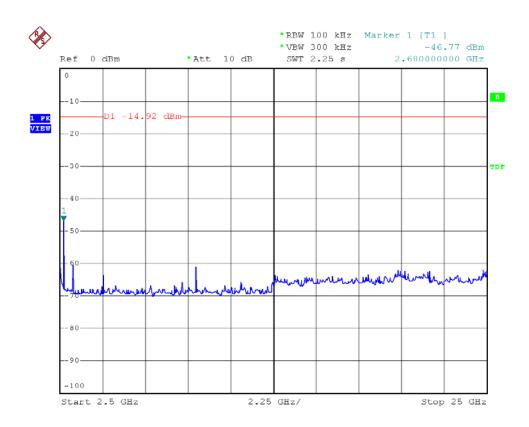
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Modulation Standard: 802.11b (11Mbps), ANT R Channel: 01





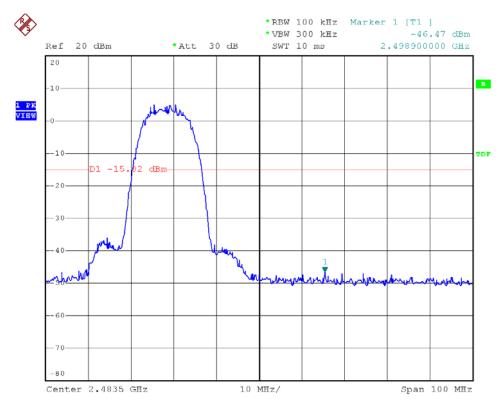
Tel:886-2-2655-8100 Fax:886-2-2655-8200

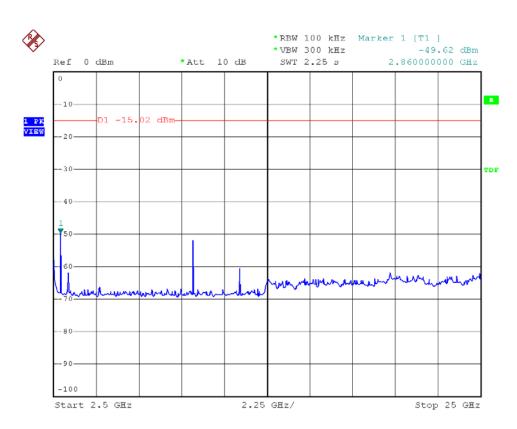
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Modulation Standard: 802.11b (11Mbps), ANT R





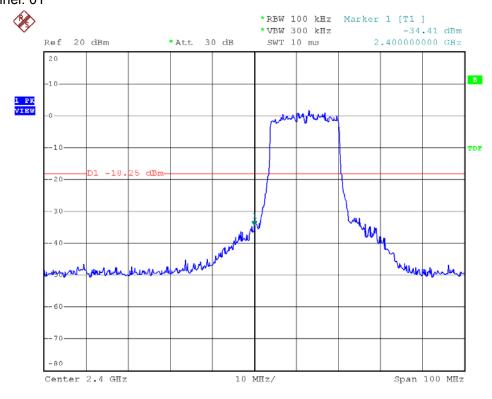


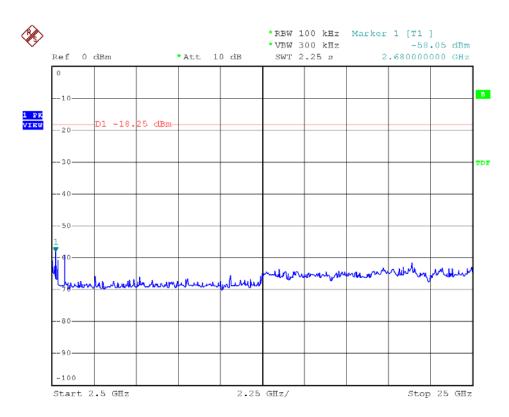
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Modulation Standard: 802.11g (54Mbps), ANT R Channel: 01



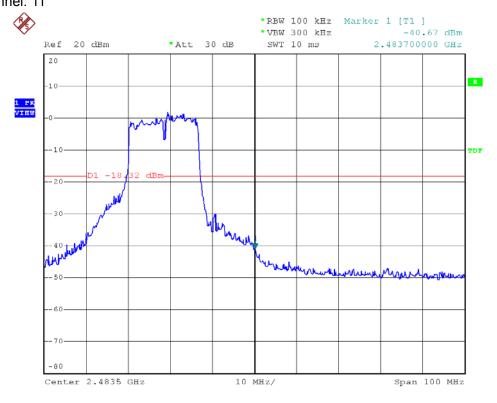


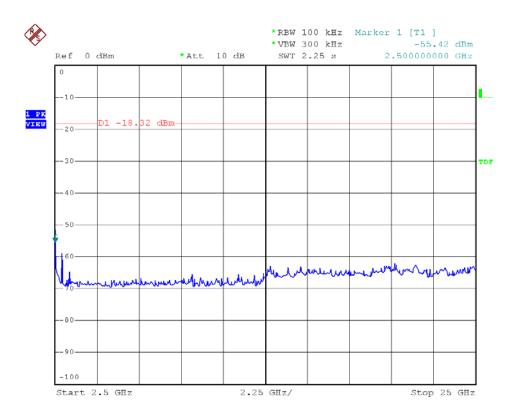
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Modulation Standard: 802.11g (54Mbps), ANT R Channel: 11



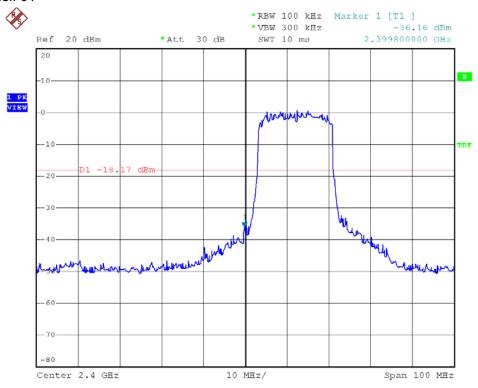


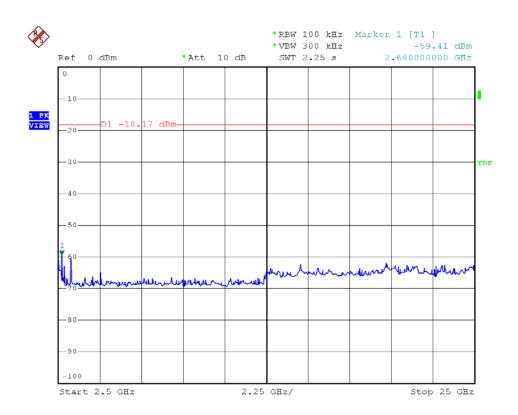
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Modulation Standard: 802.11n HT20 (130Mbps), ANT R Channel: 01



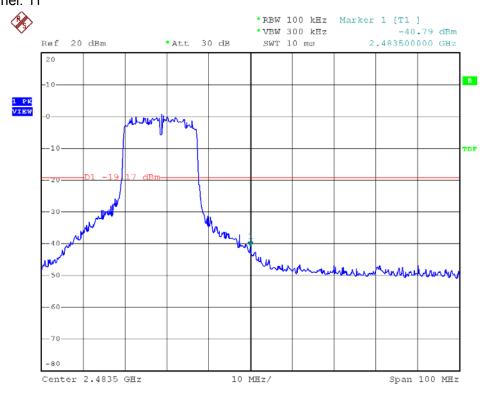


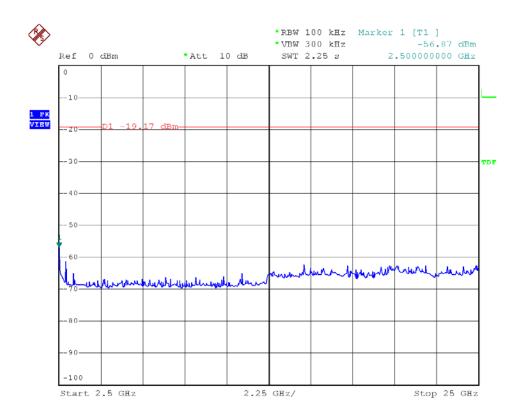
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Modulation Standard: 802.11n HT20 (130Mbps), ANT R Channel: 11



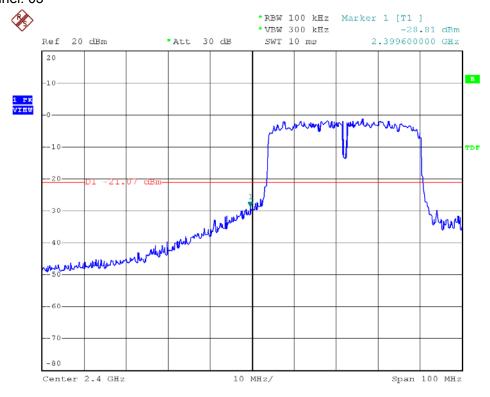


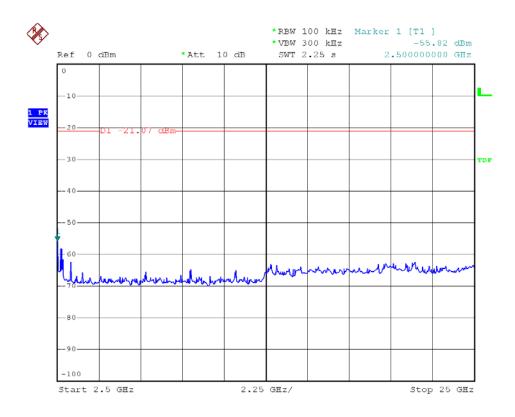
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Modulation Standard: 802.11n HT40 (270Mbps), ANT R Channel: 03



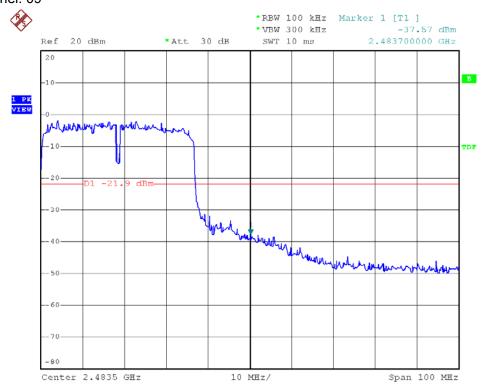


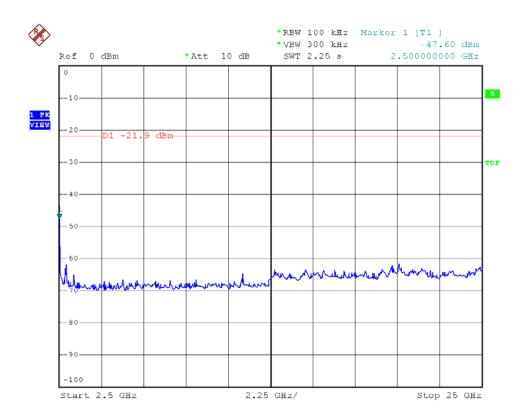
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Modulation Standard: 802.11n HT40 (270Mbps), ANT R Channel: 09





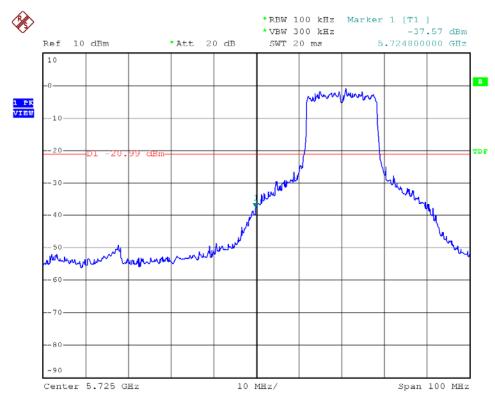
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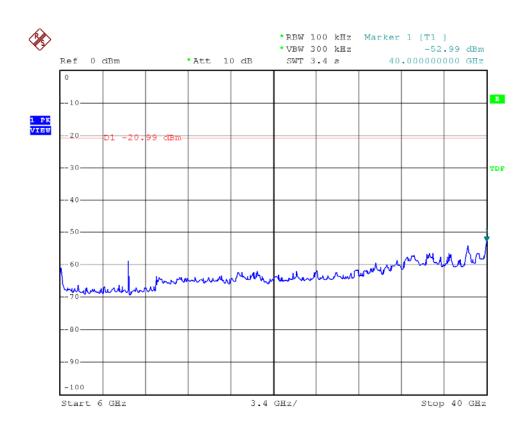
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Modulation Standard: 802.11a (54Mbps), ANT R







Tel:886-2-2655-8100 Fax:886-2-2655-8200

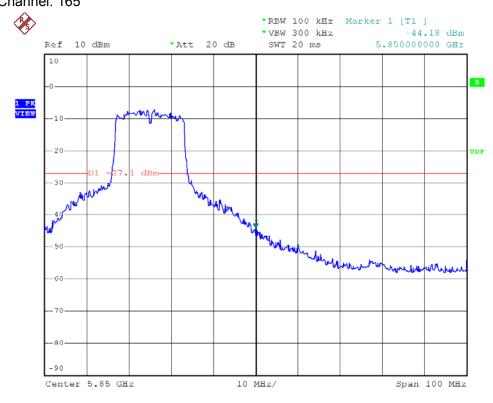
 Issued date
 : Jun. 20, 2012

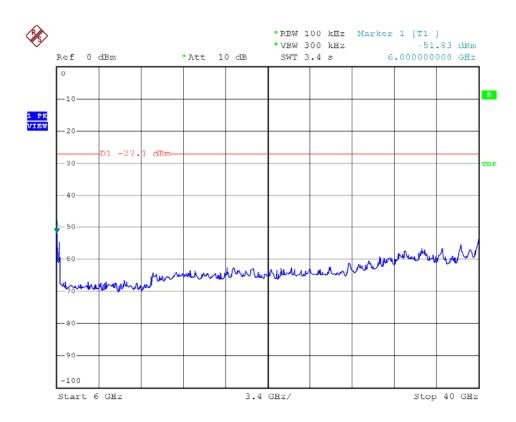
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Modulation Standard: 802.11a (54Mbps), ANT R Channel: 165





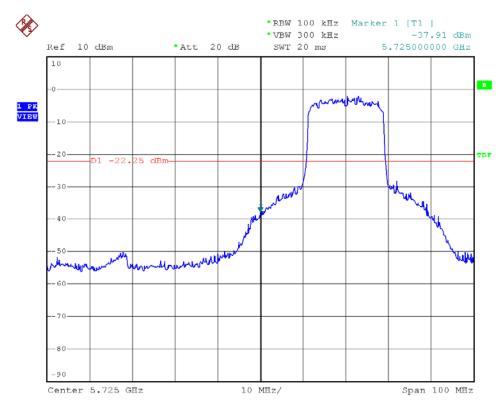
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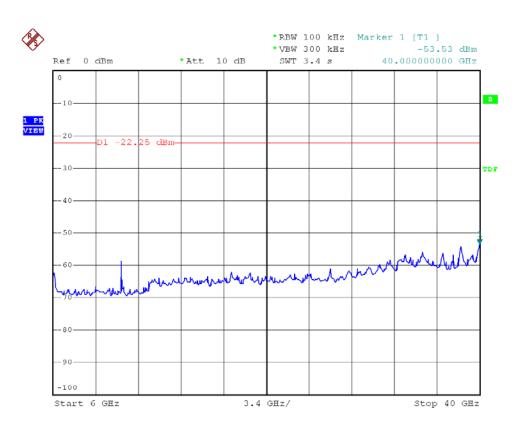
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Modulation Standard: 802.11an (130Mbps), ANT R





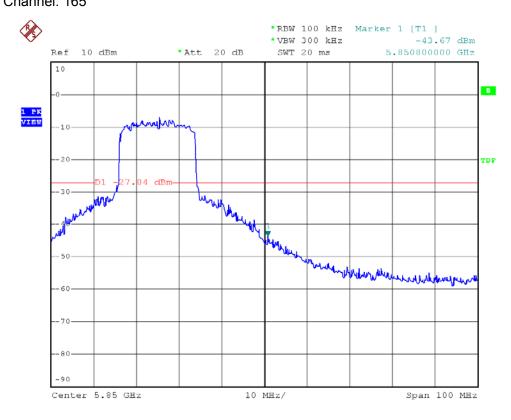


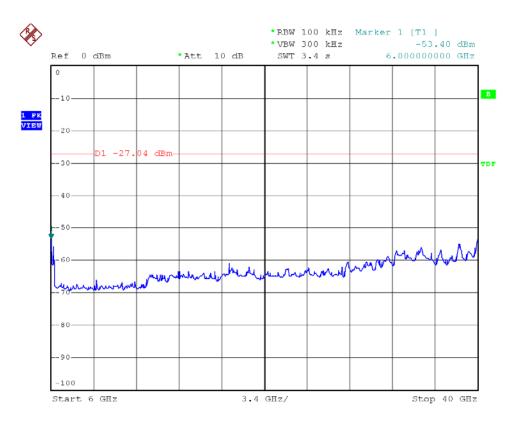
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Modulation Standard: 802.11an HT20 (130Mbps), ANT R Channel: 165



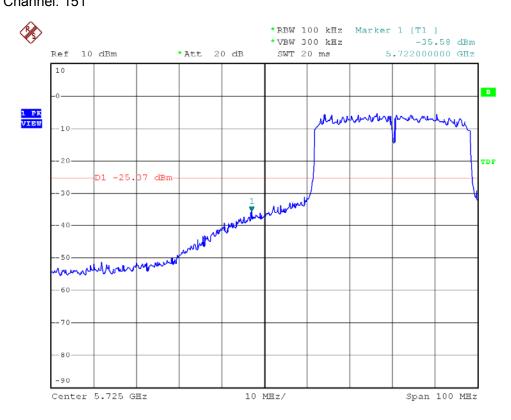


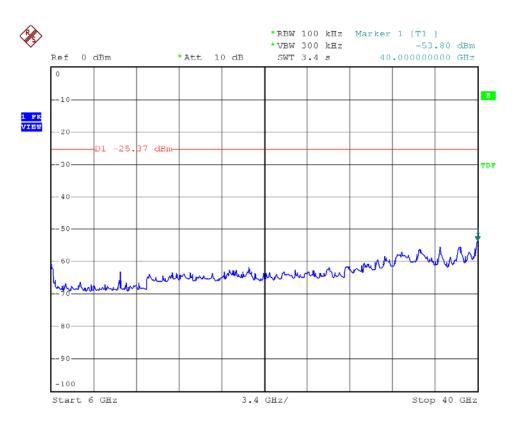
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Modulation Standard: 802.11an HT40 (270Mbps), ANT R Channel: 151





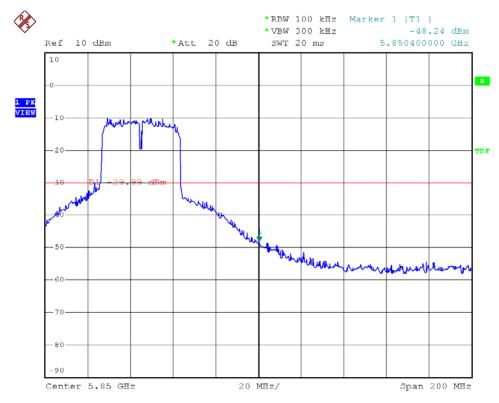
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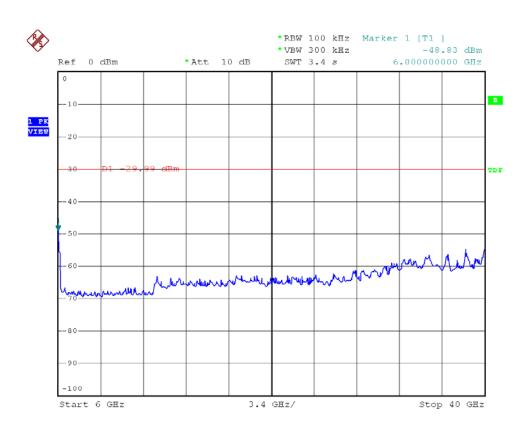
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Modulation Standard: 802.11an HT40 (270Mbps), ANT R







Tel:886-2-2655-8100 Fax:886-2-2655-8200

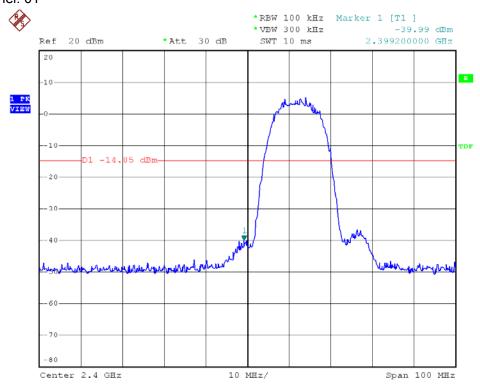
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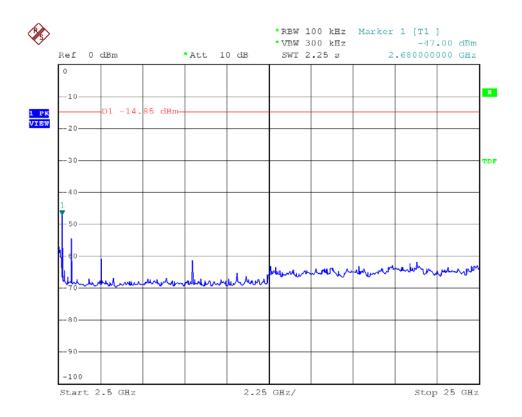
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Modulation Standard: 802.11b (11Mbps), ANT L Channel: 01



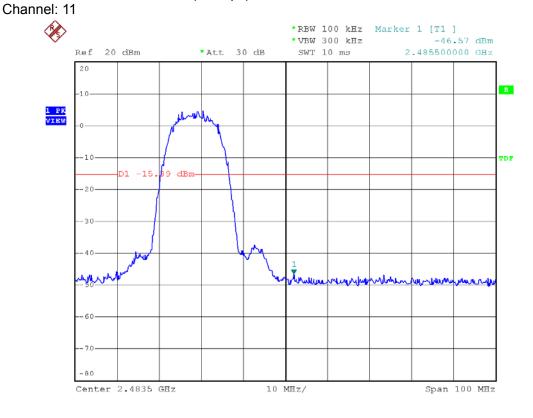


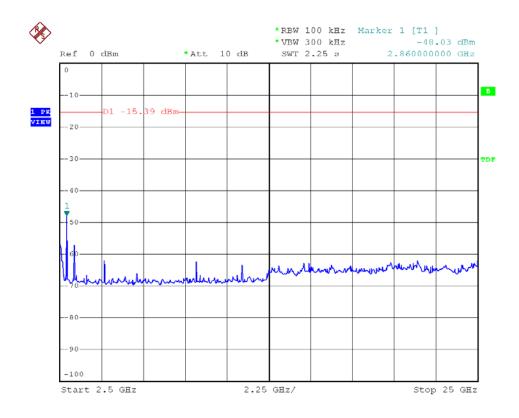
Tel:886-2-2655-8100 Fax:886-2-2655-8200

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Modulation Standard: 802.11b (11Mbps), ANT L



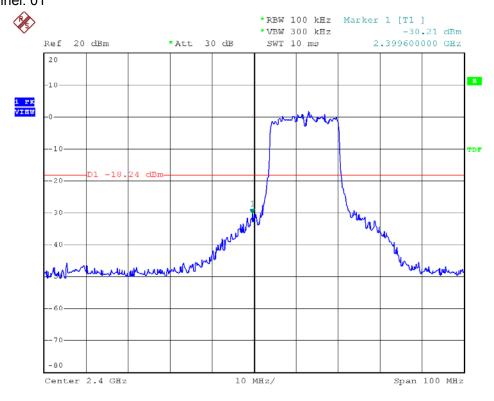


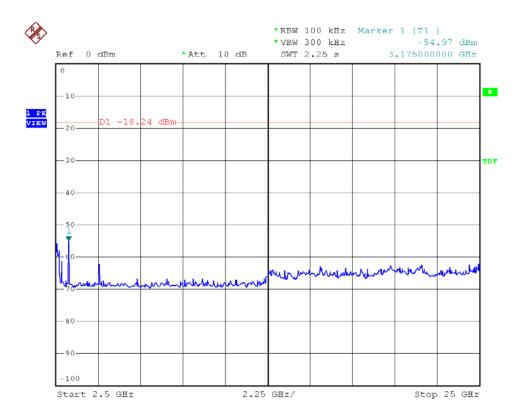
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Modulation Standard: 802.11g (54Mbps), ANT L Channel: 01





Tel:886-2-2655-8100 Fax:886-2-2655-8200

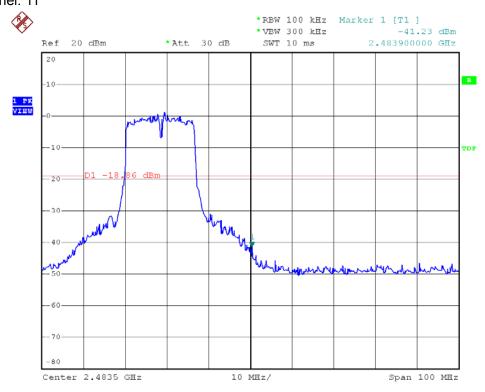
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 : Jun. 20, 2012

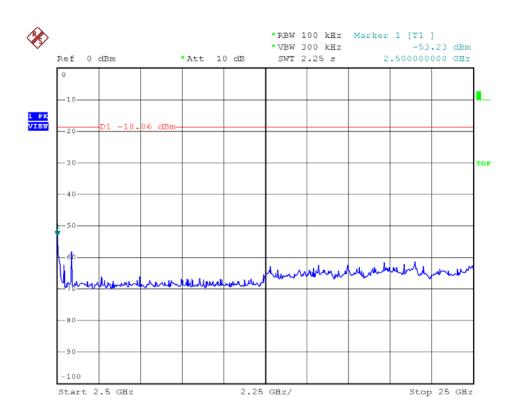
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Modulation Standard: 802.11g (54Mbps), ANT L Channel: 11





Tel:886-2-2655-8100 Fax:886-2-2655-8200

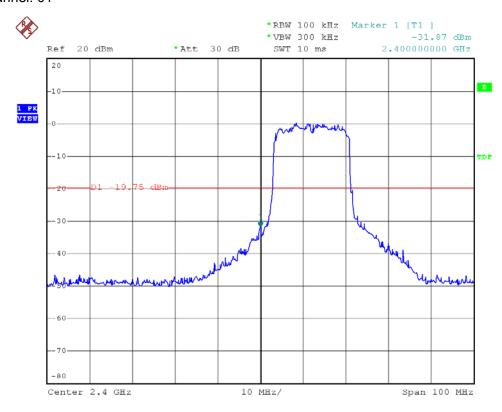
 Issued date
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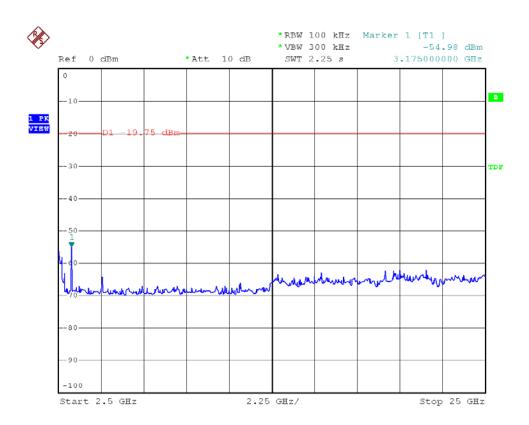
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Modulation Standard: 802.11n HT20 (130Mbps), ANT L Channel: 01



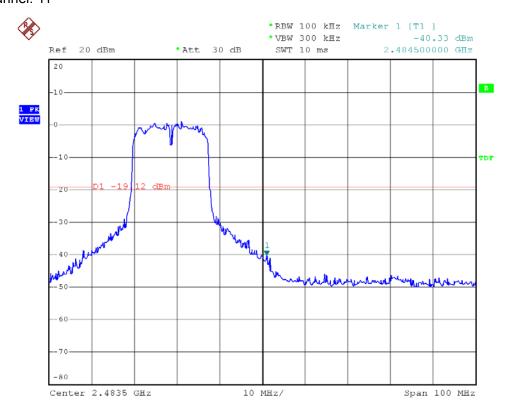


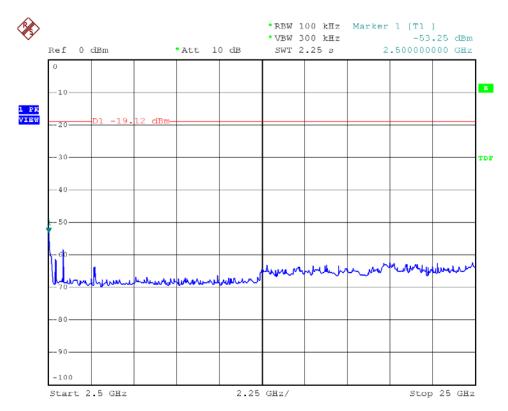
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Modulation Standard: 802.11n HT20 (130Mbps), ANT L Channel: 11



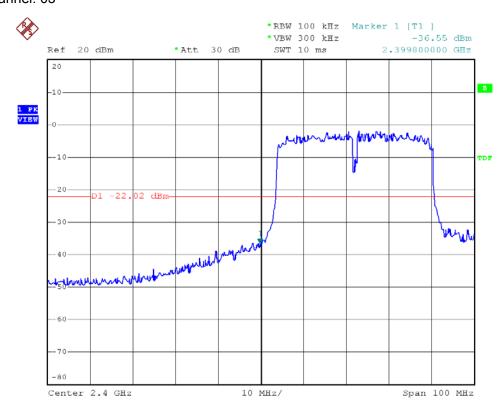


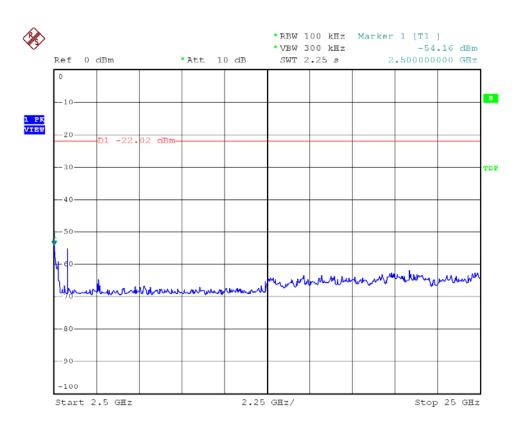
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Modulation Standard: 802.11n HT40 (270Mbps), ANT L Channel: 03





Tel:886-2-2655-8100 Fax:886-2-2655-8200

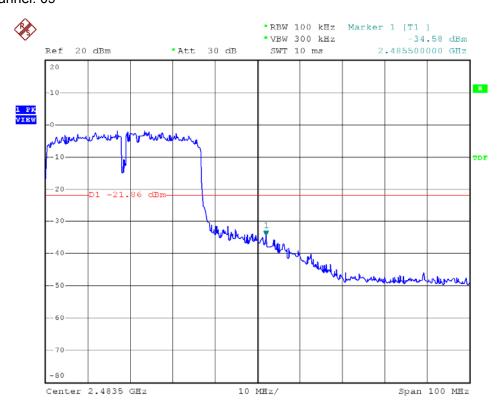
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 Jun. 20, 2012

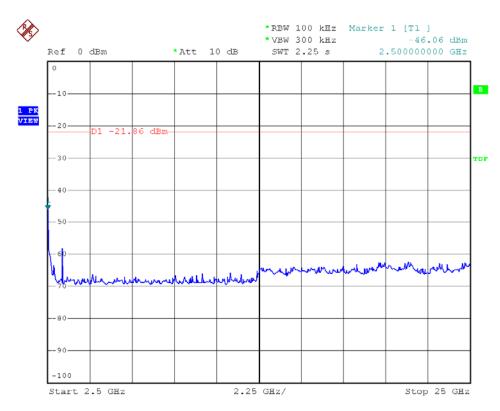
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Modulation Standard: 802.11n HT40 (270Mbps), ANT L Channel: 09





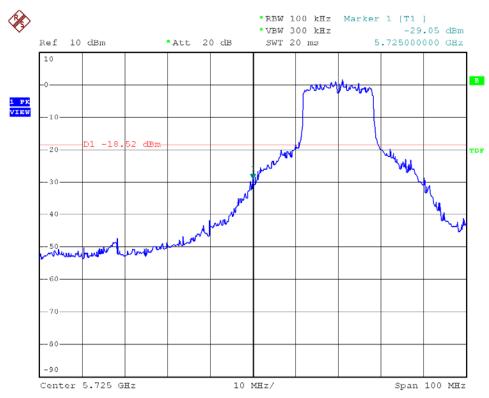
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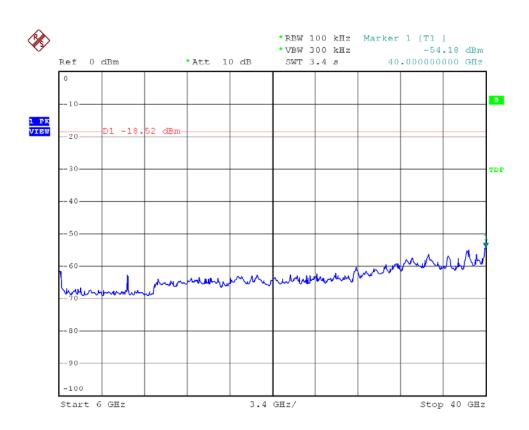
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Modulation Standard: 802.11a (54Mbps), ANT L

Channel: 149



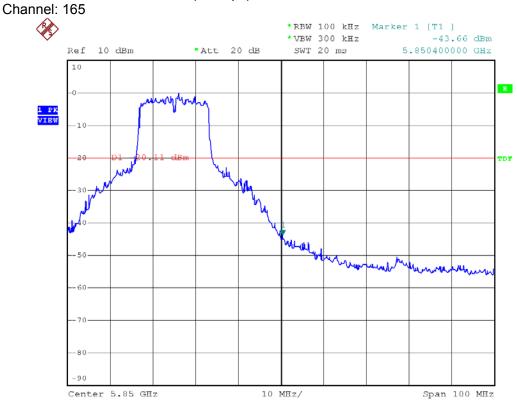


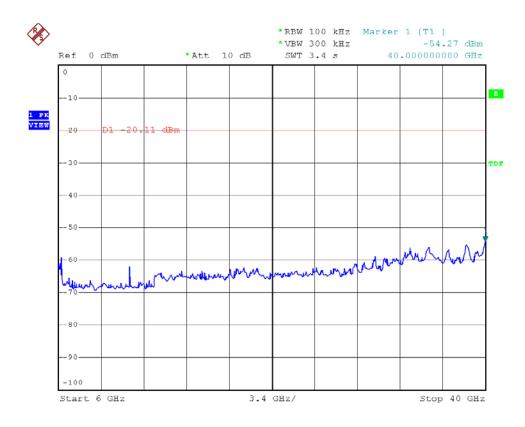
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Modulation Standard: 802.11a (54Mbps), ANT L





Tel:886-2-2655-8100 Fax:886-2-2655-8200

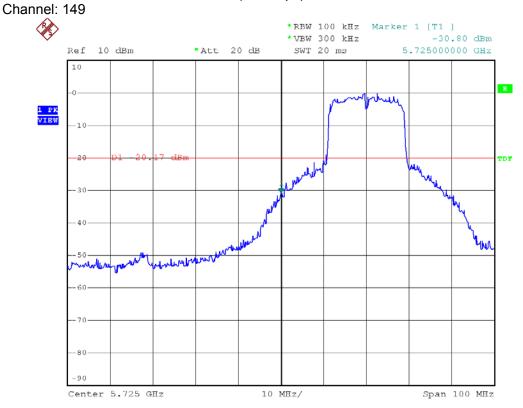
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 : Jun. 20, 2012

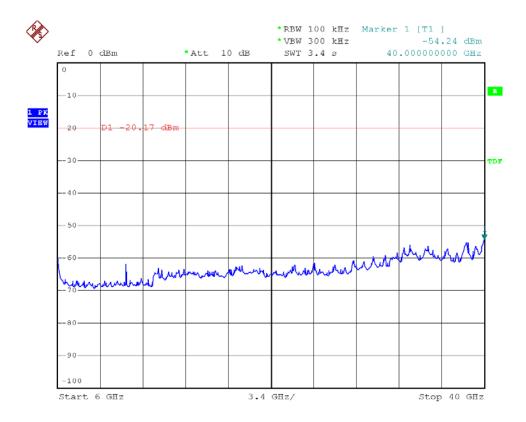
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Modulation Standard: 802.11an HT20 (130Mbps), ANT L



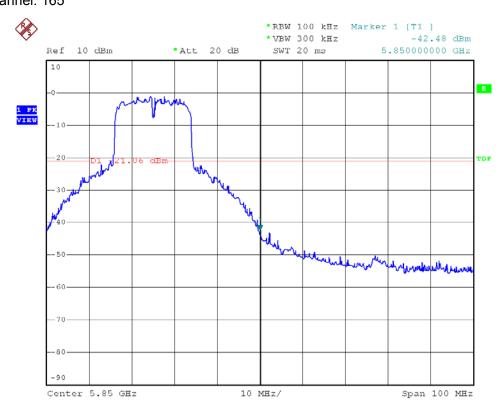


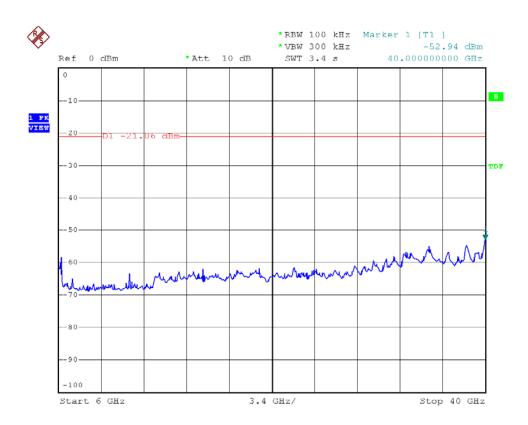
Tel:886-2-2655-8100 Fax:886-2-2655-8200

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Modulation Standard: 802.11an HT20 (130Mbps), ANT L Channel: 165



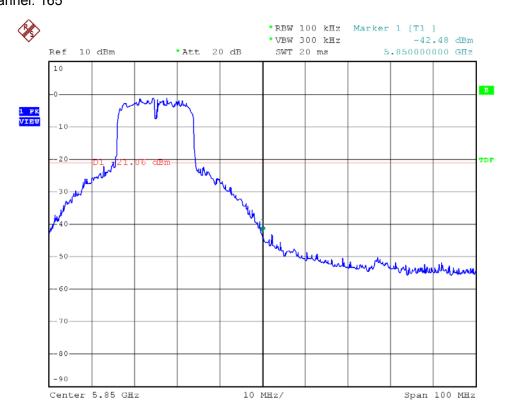


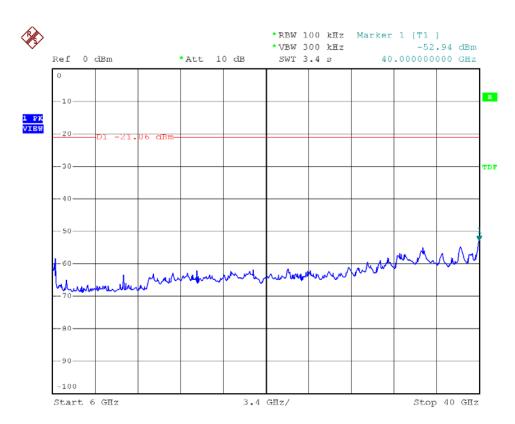
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Modulation Standard: 802.11an HT20 (130Mbps), ANT L Channel: 165



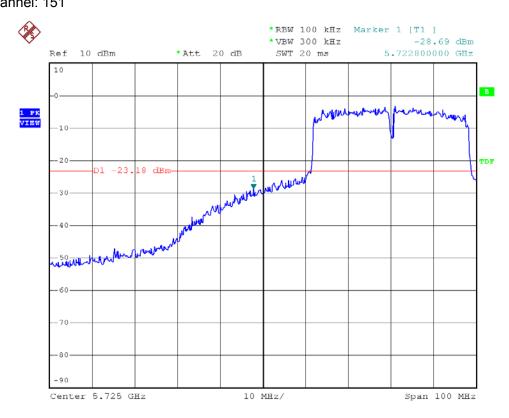


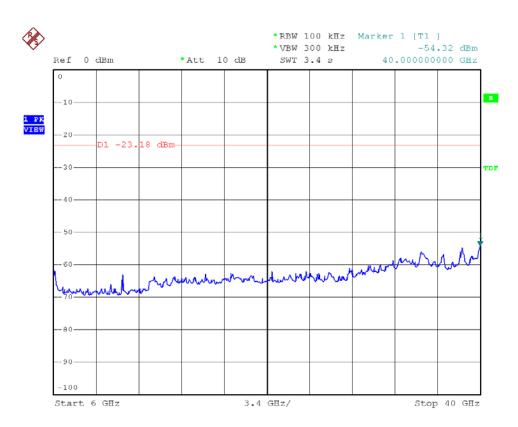
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Modulation Standard: 802.11an HT40 (270Mbps), ANT L Channel: 151





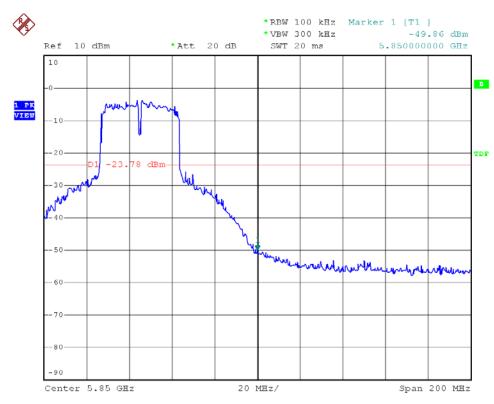
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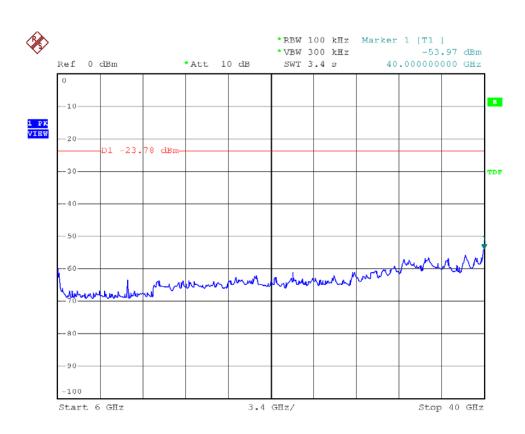
Issued date : Jun. 20, 2012
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Modulation Standard: 802.11an HT40 (270Mbps), ANT L







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9.6 Restrict Band Emission Measurement Data

Test Date: Jun. 11, 2012 Temperature: 25 $\,^{\circ}$ C Atmospheric pressure: 1020 hPa Humidity: 65 $\,^{\circ}$

Modulation Standard: IEEE 802.11b (11Mbps)

Channel 1	Channel 1 Fundamental Frequency: 2412 MHz									
Frequency	Ant-Pol	-Pol Meter Corrected Result Remark		Limit (dBuV/m)		Margin	Table	Ant High		
(MHz)	H/V	(dBuV)	Factor (dB)	(dBuV/m)	Nemark	Peak	Ave	(dB)	Deg.	(m)
2355.39	Ι	50.40	1.76	52.16	Peak	74	54	-21.84	190	1.04
	Ι				Ave	74	54	-	I	
2314.28	V	58.12	3.50	61.62	Peak	74	54	-12.38	212	1.00
2389.82	V	47.39	2.25	49.64	Ave	74	54	-4.36	212	1.00
Channel 1	1					Fu	ndamen	tal Frequ	ency: 24	462 MHz
Frequency	Ant-Pol	Meter	Corrected	Result	Domark	Limit (dBuV/m)		Margin	Table	Ant High
(MHz)	H/V	Reading (dBuV)	Factor (dB)	(dBuV/m)	Remark	Peak	Ave	(dB)	Deg.	(m)
2496.28	Ι	50.83	0.11	50.94	Peak	74	54	-23.06	160	1.04
	Ι				Ave	74	54	1		
2500.00	V	63.23	-3.22	60.01	Peak	74	54	-13.99	224	1.00
2500.00	V	53.88	-3.22	50.66	Ave	74	54	-3.34	224	1.00

Modulation Standard: IEEE 802.11g (54Mbps)

Channel 1	Channel 1 Fundamental Frequency: 2412 MHz									
Frequency	Ant-Pol	Ant-Pol Reading	Corrected	Result	Remark	Limit (dBuV/m)		Margin	Table	Ant High
(MHz)	H/V	(dBuV)	Factor (dB)	(dBuV/m)	Remark	Peak	Ave	(dB)	Deg.	(m)
2389.56	Η	54.30	1.62	55.92	Peak	74	54	-18.08	191	1.04
2389.82	Н	40.50	1.62	42.12	Ave	74	54	-11.88	191	1.04
2375.28	V	59.10	2.49	61.59	Peak	74	54	-12.41	220	1.00
2389.82	V	47.24	2.25	49.49	Ave	74	54	-4.51	220	1.00
Channel 1	1					Fu	ndamen	tal Frequ	ency: 24	162 MHz
Frequency	Ant-Pol	Meter	Corrected	Result	Remark	Limit (dBuV/m)		Margin	Table	Ant High
(MHz)	H/V	Reading (dBuV)	Factor (dB)	(dBuV/m)	Nemark	Peak	Ave	(dB)	Deg.	(m)
2483.55	Н	55.65	0.30	55.95	Peak	74	54	-18.05	216	1.04
2483.57	Н	41.00	0.30	41.30	Ave	74	54	-12.07	216	1.04
2499.81	V	63.82	-3.21	60.61	Peak	74	54	-13.39	229	1.00
2500.00	V	52.62	-3.22	49.40	Ave	74	54	-4.60	229	1.00

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Modulation Standard: IEEE 802.11n HT20 (130Mbps)

Channel 1						Fu	ndamen	tal Frequ	ency: 24	112 MHz
Frequency	Ant-Pol	Meter Reading	Corrected	Result	Remark	Limit (d	BuV/m)		Table	Ant High
(MHz)	H/V	(dBuV)	Factor (dB)	(dBuV/m)		Peak	Ave	(dB)	Deg.	(m)
2389.36	Н	56.30	1.62	57.92	Peak	74	54	-16.08	176	1.04
2389.82	Н	41.27	1.62	42.89	Ave	74	54	-11.11	176	1.04
2338.56	V	59.43	3.10	62.53	Peak	74	54	-11.47	211	1.00
2389.82	V	47.28	2.25	49.53	Ave	74	54	-4.47	211	1.00
Channel 1	Channel 11 Fundamental Frequency: 2462 MHz									162 MHz
Frequency	Ant-Pol	Meter	Corrected	Result		Limit (dBuV/m)		Margin	Table	Ant High
(MHz)	H/V	Reading (dBuV)	Factor (dB)	(dBuV/m)	Remark	Peak	Ave	(dB)	Deg.	(m)
2483.85	Н	56.50	0.29	56.79	Peak	74	54	-17.21	161	1.04
2483.57	Н	41.62	0.30	41.92	Ave	74	54	-12.08	161	1.04
2499.81	V	61.62	-3.21	58.41	Peak	74	54	-15.59	211	1.00
2500.00	٧	50.09	-3.22	46.87	Ave	74	54	-7.13	211	1.00

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Modulation Standard: IEEE 802.11n HT40 (270Mbps)

Channel 3	Channel 3 Fundamental Frequency: 2422 MHz									
Frequency	Ant-Pol	Reading	Corrected	Result	Remark	Limit (dBuV/m)		Margin		Ant High
(MHz)	H/V	(dBuV)	Factor (dB)	(dBuV/m)		Peak	Ave	(dB)	Deg.	(m)
2389.56	Н	60.64	1.62	62.26	Peak	74	54	-11.74	193	1.04
2389.82	Н	45.66	1.62	47.28	Ave	74	54	-6.72	193	1.04
2321.73	V	58.54	3.39	61.93	Peak	74	54	-12.07	221	1.00
2389.82	V	47.35	2.25	49.60	Ave	74	54	-4.40	221	1.00
Channel 9	9					Fur	ndament	al Freque	ency: 24	52 MHz
Frequency	Ant-Pol	Meter	Corrected	Result	Remark	Limit (d	BuV/m)	Margin	Table	Ant High
(MHz)	H/V	Reading (dBuV)	Factor (dB)	(dBuV/m)	Remaik	Peak	Ave	(dB)	Deg.	(m)
2483.85	Н	59.97	0.29	60.26	Peak	74	54	-13.74	160	1.04
2483.57	Н	47.08	0.30	47.38	Ave	74	54	-6.62	160	1.04
2499.81	V	63.72	-3.21	60.51	Peak	74	54	-13.49	216	1.00
2500.00	V	48.82	-3.22	45.60	Ave	74	54	-8.40	216	1.00

Notes:

- 1. Result = Meter Reading + Factor
- 2. Factor = Antenna Factor + Cable Loss Amplifier
- 3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3 MHz (detector peak mode) for Peak detection at frequency above 1GHz.
- 4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3 MHz (detector sample mode) for Average detection at frequency above 1GHz.

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10. Restricted Bands of Operation

Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.09000 - 0.11000	16.42000 - 16.42300	399.9 – 410.0	4.500 - 5.250
0.49500 - 0.505**	16.69475 - 16.69525	608.0 - 614.0	5.350 - 5.460
2.17350 – 2.19050	16.80425 - 16.80475	960.0 – 1240.0	7.250 – 7.750
4.12500 – 4.12800	25.50000 - 25.67000	1300.0 – 1427.0	8.025 - 8.500
4.17725 – 4.17775	37.50000 - 38.25000	1435.0 – 1626.5	9.000 - 9.200
4.20725 – 4.20775	73.00000 - 74.60000	1645.5 – 1646.5	9.300 - 9.500
6.21500 - 6.21800	74.80000 - 75.20000	1660.0 – 1710.0	10.600 – 12.700
6.26775 – 6.26825	108.00000 - 121.94000	1718.8 – 1722.2	13.250 – 13.400
6.31175 – 6.31225	123.00000 - 138.00000	2200.0 – 2300.0	14.470 – 14.500
8.29100 - 8.29400	149.90000 - 150.05000	2310.0 – 2390.0	15.350 – 16.200
8.36200 - 8.36600	156.52475 – 156.52525	2483.5 – 2500.0	17.700 – 21.400
8.37625 - 8.38675	156.70000 - 156.90000	2655.0 – 2900.0	22.010 – 23.120
8.41425 – 8.41475	162.01250 - 167.17000	3260.0 – 3267.0	23.600 – 24.000
12.29000 – 12.29300	167.72000 - 173.20000	3332.0 – 3339.0	31.200 – 31.800
12.51975 – 12.52025	240.00000 - 285.00000	3345.8 – 3358.0	36.430 – 36.500
12.57675 – 12.57725	322.00000 - 335.40000	3600.0 – 4400.0	Above 38.6
13.36000 – 13.41000			

^{**:} Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz

10.1 Labeling Requirement

The device shall bear the following statement in a conspicuous location on the device: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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