

ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 2# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Report No.: ATE20131789

Page 76 of 127

Job No.: ALEN #1496

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: HOLL WIFI Disk
Mode: TX 2462MHz(802.11g)

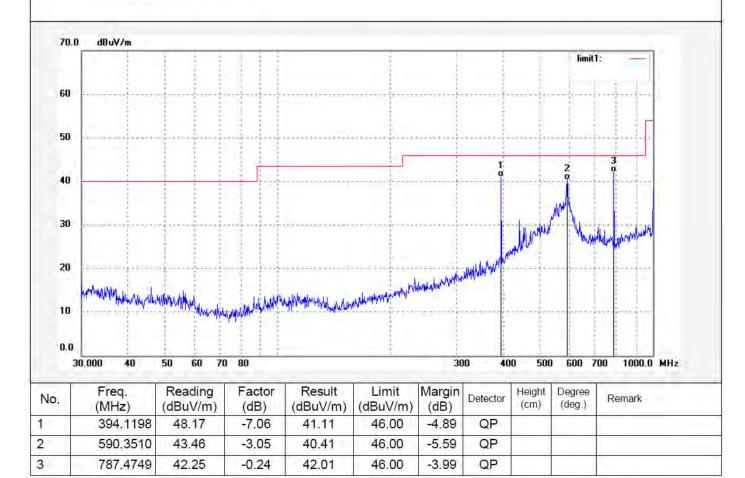
Model: R200

Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131789

Polarization: Horizontal Power Source: DC 3.7V

Date: 13/08/24/ Time: 16/54/13 Engineer Signature: Distance: 3m





Report No.: ATE20131789

Page 77 of 127



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Job No.: ALEN #1501

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

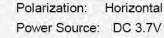
EUT: HOLL WIFI Disk

Mode: TX 2412MHz(802.11n20)

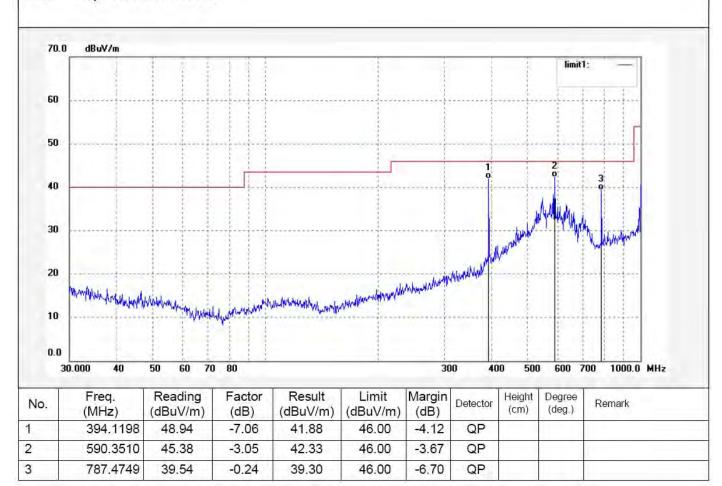
Model: R200

Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131789



Date: 13/08/24/ Time: 16/57/25 Engineer Signature: Distance: 3m





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Report No.: ATE20131789

Page 78 of 127

Job No.: ALEN #1502

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: HOLL WIFI Disk

Mode: TX 2412MHz(802.11n20)

Model: R200

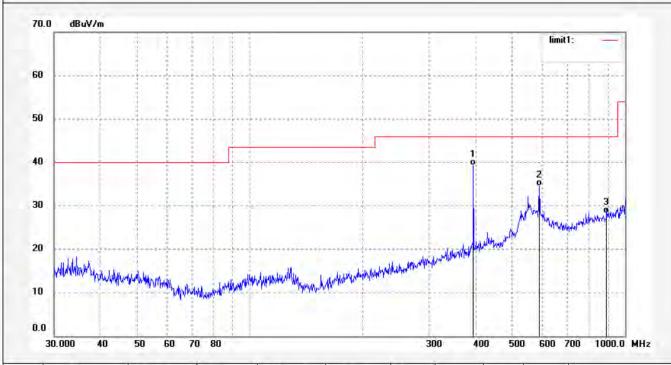
Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131789

Polarization: Vertical Power Source: DC 3.7V

Date: 13/08/24/ Time: 16/58/01 Engineer Signature:

Distance: 3m



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	394.1198	46.29	-7.06	39.23	46.00	-6.77	QP			
2	590.3510	37.62	-3.05	34.57	46.00	-11.43	QP			
3	893.6557	27.01	1.27	28.28	46.00	-17.72	QP			



Report No.: ATE20131789

Page 79 of 127

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Job No.: ALEN #1503

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: HOLL WIFI Disk

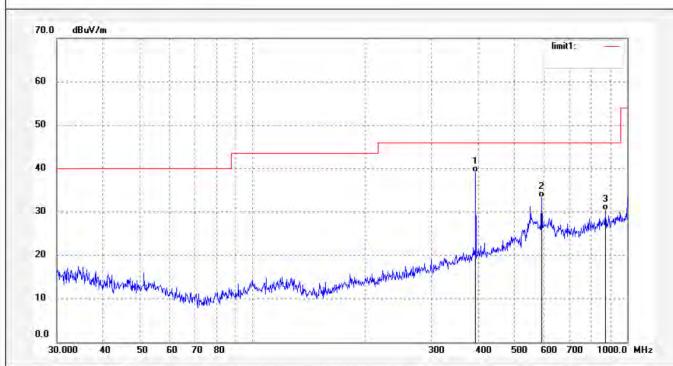
Mode: TX 2437MHz(802.11n20)

Model: R200

Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131789 Polarization: Vertical Power Source: DC 3.7V

Date: 13/08/24/ Time: 16/58/36 Engineer Signature: Distance: 3m



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	394.1198	46.16	-7.06	39.10	46.00	-6.90	QP	1	1 = 11	
2	590.3510	36.47	-3.05	33.42	46.00	-12.58	QP		1 - 1	
3	875.0132	29.28	1.11	30.39	46.00	-15.61	QP		1 = 11	



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Site: 2# Chamber

Report No.: ATE20131789

Page 80 of 127

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Tel:+86-0755-26503290
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Job No.: ALEN #1504 Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 % EUT: HOLL WIFI Disk

Mode: TX 2437MHz(802.11n20)

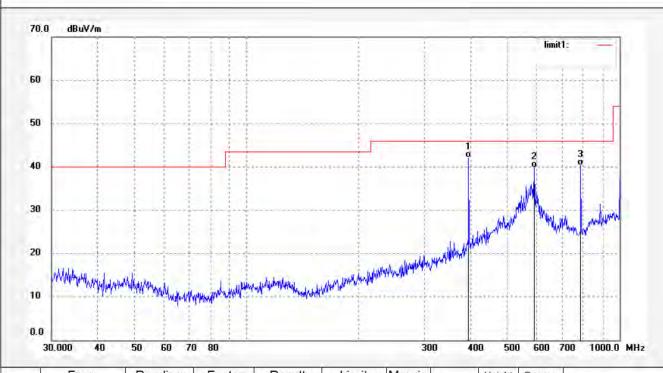
Model: R200

Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131789

Polarization: Horizontal Power Source: DC 3.7V

Date: 13/08/24/ Time: 16/59/21 Engineer Signature: Distance: 3m



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	394,1198	49.09	-7.06	42.03	46.00	-3.97	QP				
2	590.3510	42.85	-3.05	39.80	46.00	-6.20	QP		- 1		
3	787.4749	40.63	-0.24	40.39	46.00	-5.61	QP		3		



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Page 81 of 127

Report No.: ATE20131789

Job No.: ALEN #1505

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: HOLL WIFI Disk

Mode: TX 2462MHz(802.11n20)

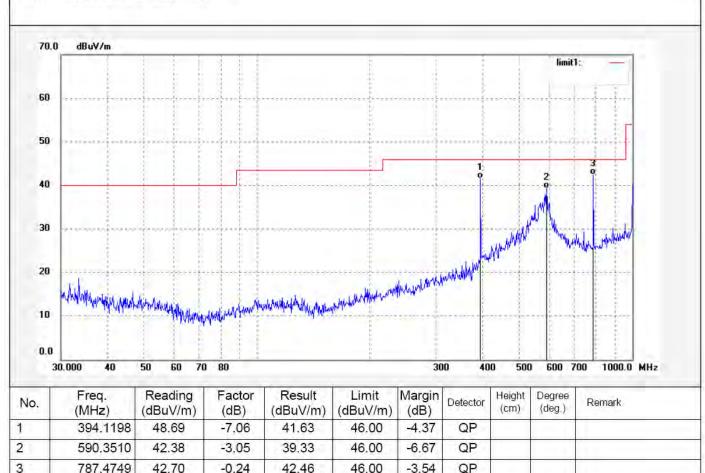
Model: R200

Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131789

Polarization: Horizontal Power Source: DC 3.7V

Date: 13/08/24/ Time: 17/00/11 Engineer Signature: Distance: 3m





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Report No.: ATE20131789

Page 82 of 127

Job No.: ALEN #1506

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: HOLL WIFI Disk

Mode: TX 2462MHz(802.11n20)

Model: R200

Manufacturer: Wei Da Hui Er

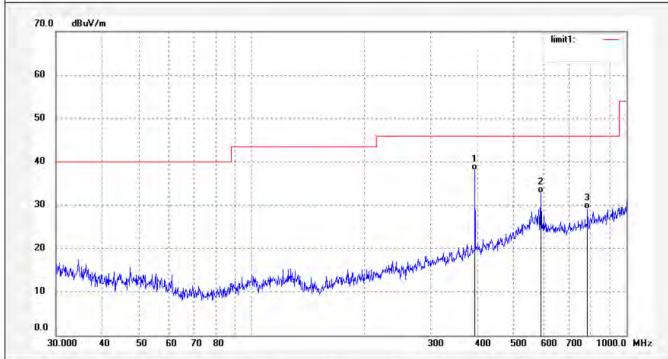
Note: Report No:ATE20131789

Polarization: Vertical

Power Source: DC 3.7V Date: 13/08/24/

Time: 17/01/32 Engineer Signature:

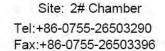
Distance: 3m



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	394.1198	45.20	-7.06	38.14	46.00	-7.86	QP				
2	590.3510	35.78	-3.05	32.73	46.00	-13.27	QP				
3	787.4749	29.35	-0.24	29.11	46.00	-16.89	QP				



Report No.: ATE20131789 Page 83 of 127





Job No.: ALEN #1511

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> Polarization: Vertical Power Source: DC 3.7V

> > Date: 13/08/24/ Time: 17/03/58 Engineer Signature: Distance: 3m

Standard: FCC Class B 3M Radiated Test item: Radiation Test

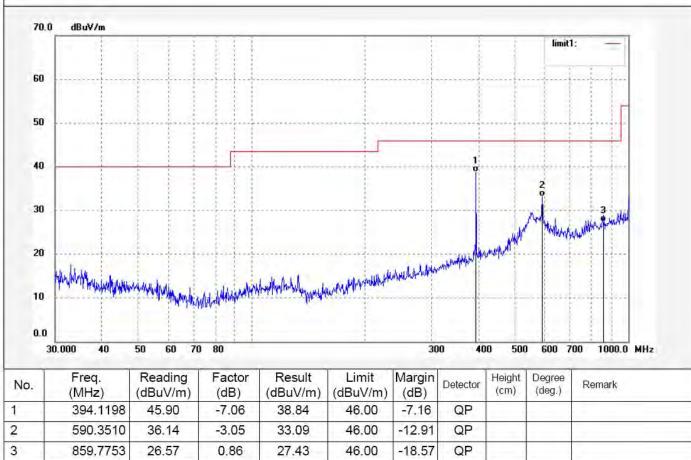
Temp.( C)/Hum.(%) 23 C / 48 %

EUT: HOLL WIFI Disk Mode: TX 2422MHz(802.11n40)

Model: R200

Manufacturer: Wei Da Hui Er

Report No:ATE20131789 Note:



No.	Freq. (MHz)	(dBuV/m)	Factor (dB)	(dBuV/m)	(dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	394.1198	45.90	-7.06	38.84	46.00	-7.16	QP				
2	590.3510	36.14	-3.05	33.09	46.00	-12.91	QP				
3	859.7753	26.57	0.86	27.43	46.00	-18.57	QP				



Report No.: ATE20131789

Page 84 of 127



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Job No.: ALEN #1512

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: HOLL WIFI Disk

Mode: TX 2422MHz(802.11n40)

Model: R200

Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131789 Polarization: Horizontal Power Source: DC 3.7V

Date: 13/08/24/ Time: 17/04/31 Engineer Signature: Distance: 3m

70.0 dBuV/m limit1: 60 50 40 30 who for the property and make the property of the second o 20 10 0.0 30,000 70 80 300 400 500 600 700 1000.0 MHz 60

No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	394.1198	48.22	-7.06	41.16	46.00	-4.84	QP				
2	590.3510	41.31	-3.05	38.26	46.00	-7.74	QP				
3	787.4749	42.36	-0.24	42.12	46.00	-3.88	QP				



Report No.: ATE20131789

Page 85 of 127

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Site: 2# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: ALEN #1509

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: HOLL WIFI Disk

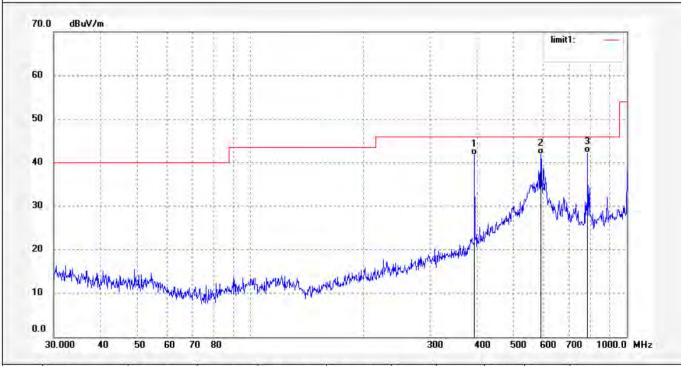
Mode: TX 2437MHz(802.11n40)

Model: R200

Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131789 Polarization: Horizontal Power Source: DC 3.7V

Date: 13/08/24/ Time: 17/03/01 Engineer Signature: Distance: 3m



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	394.1198	48.86	-7.06	41.80	46.00	-4.20	QP				
2	590.3510	44.98	-3.05	41.93	46.00	-4.07	QP				
3	787.4749	42.47	-0.24	42.23	46.00	-3.77	QP				



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Report No.: ATE20131789

Page 86 of 127

Polarization: Vertical Power Source: DC 3.7V

Date: 13/08/24/ Time: 17/03/33 Engineer Signature:

Distance: 3m

Job No.: ALEN #1510

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

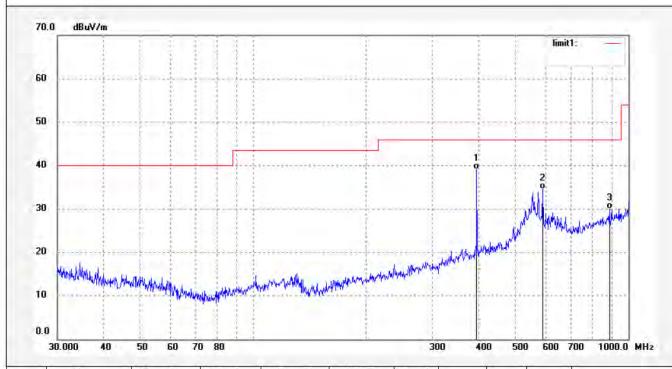
Temp.( C)/Hum.(%) 23 C / 48 %

EUT: HOLL WIFI Disk
Mode: TX 2437MHz(802.11n40)

Model: R200

Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131789



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	394.1198	46.21	-7.06	39.15	46.00	-6.85	QP				
2	590.3510	37.68	-3.05	34.63	46.00	-11.37	QP		1		
3	890.5212	28.69	1.27	29.96	46.00	-16.04	QP				



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Report No.: ATE20131789 Page 87 of 127

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Job No.: ALEN #1507

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: HOLL WIFI Disk
Mode: TX 2452MHz(802.11n40)

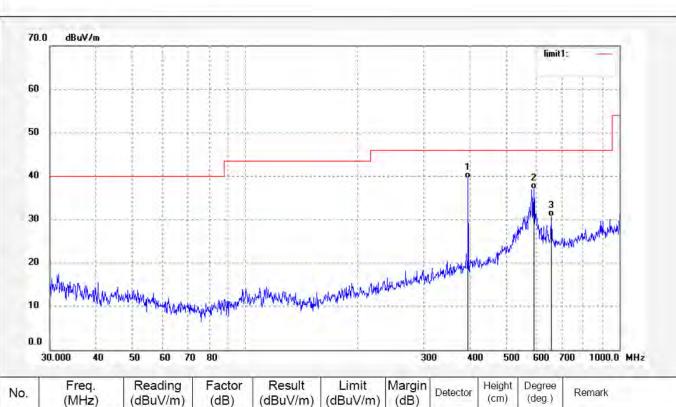
Model: R200

Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131789

Polarization: Vertical Power Source: DC 3.7V

Date: 13/08/24/ Time: 17/01/51 Engineer Signature: Distance: 3m



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	394.1198	46.46	-7.06	39.40	46.00	-6.60	QP				
2	590.3510	40.02	-3.05	36.97	46.00	-9.03	QP				
3	658.2854	32.91	-2.28	30.63	46.00	-15.37	QP				



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Report No.: ATE20131789

Page 88 of 127

Job No.: ALEN #1508

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: HOLL WIFI Disk

Mode: TX 2452MHz(802.11n40)

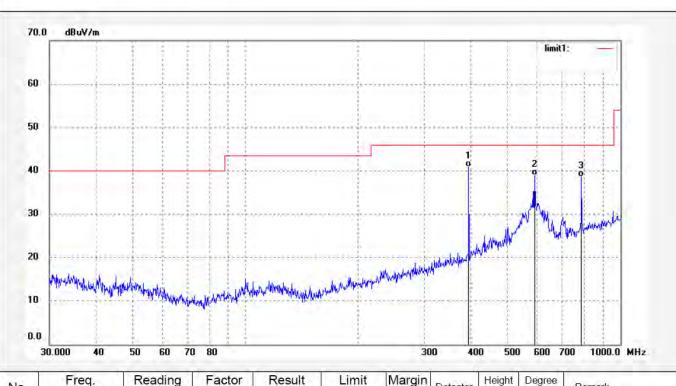
Model: R200

Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131789

Polarization: Horizontal Power Source: DC 3.7V

Date: 13/08/24/ Time: 17/02/26 Engineer Signature: Distance: 3m



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	394.1198	47.84	-7.06	40.78	46.00	-5.22	QP		11-11	
2	590,3510	41.94	-3.05	38.89	46.00	-7.11	QP			
3	787.4749	38.91	-0.24	38.67	46.00	-7.33	QP			1



Report No.: ATE20131789

Page 89 of 127

#### Above 1G



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Polarization: Vertical

Date: 2013-9-3

Time: 9/22/35

Distance: 3m

Engineer Signature:

Power Source: DC 3.7V

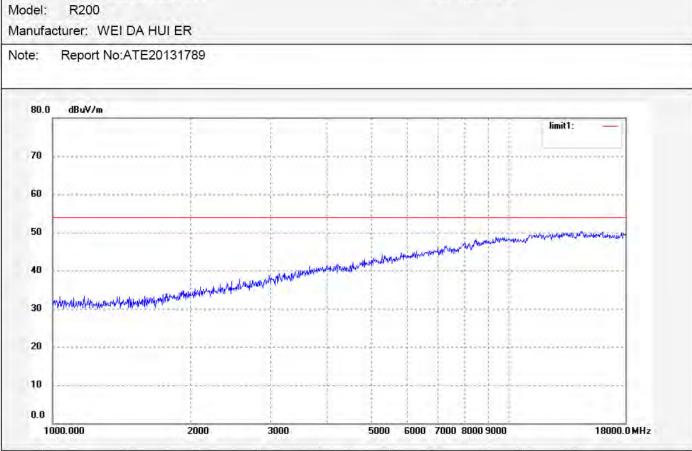
Job No.: alen #1656

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: HOLL WIFI Disk
Mode: TX 2412MHz(802.11b)



Reading Freq. Factor Result Limit Margin Height Degree Detector No. Remark (deg.) (MHz) (dBuV/m) (dB) (dBuV/m) (dBuV/m) (dB) (cm)



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Report No.: ATE20131789

Page 90 of 127

Job No.: alen #1657

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: HOLL WIFI Disk

Mode: TX 2412MHz(802.11b)

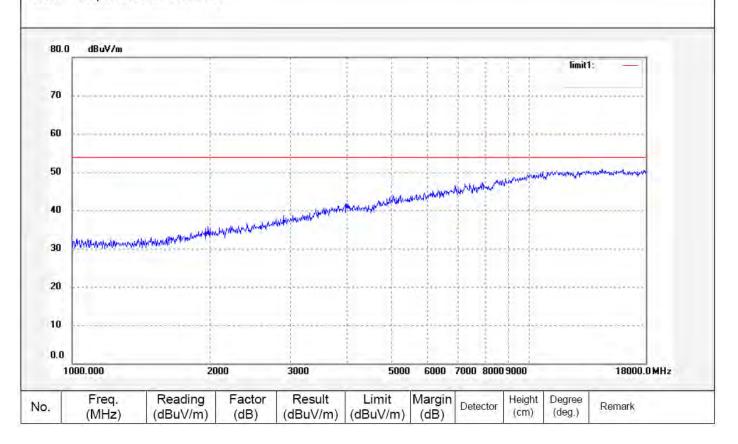
Model: R200

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131789

Polarization: Horizontal Power Source: DC 3.7V

Date: 2013-9-3 Time: 9/23/34 Engineer Signature: Distance: 3m





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Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: alen #1658

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: HOLL WIFI Disk
Mode: TX 2437MHz(802.11b)

Model: R200

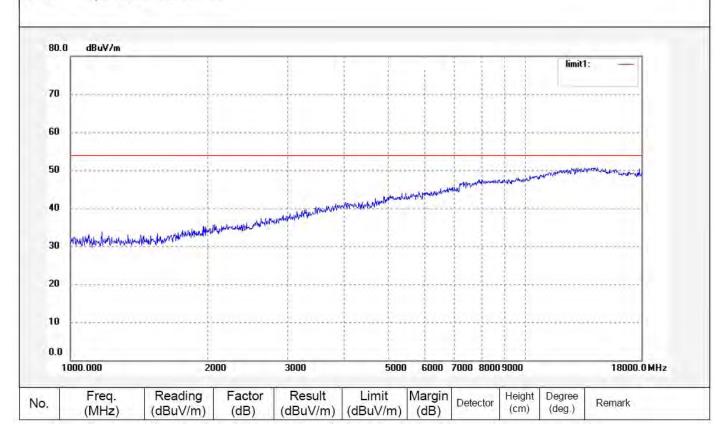
Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131789

Polarization: Horizontal Power Source: DC 3.7V

Date: 2013-9-3 Time: 9/35/24

Engineer Signature: Distance: 3m





Report No.: ATE20131789

Page 92 of 127



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Job No.: alen #1659

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

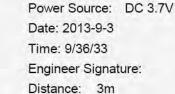
Temp.( C)/Hum.(%) 25 C / 55 %

EUT: HOLL WIFI Disk
Mode: TX 2437MHz(802.11b)

Model: R200

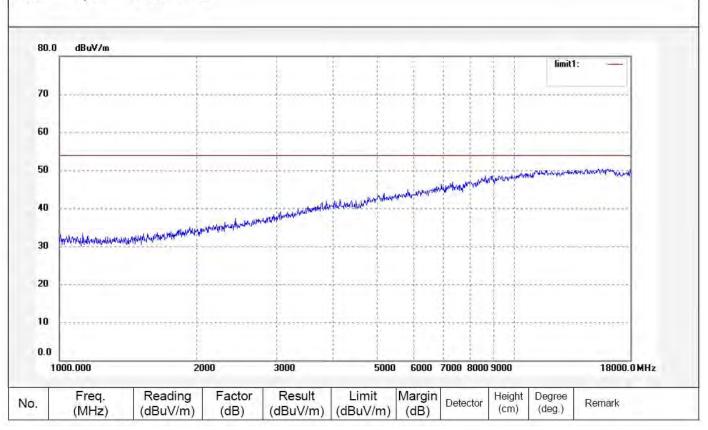
Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131789



Vertical

Polarization:





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Report No.: ATE20131789

Page 93 of 127

Job No.: alen #1660 Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: HOLL WIFI Disk
Mode: TX 2462MHz(802.11b)

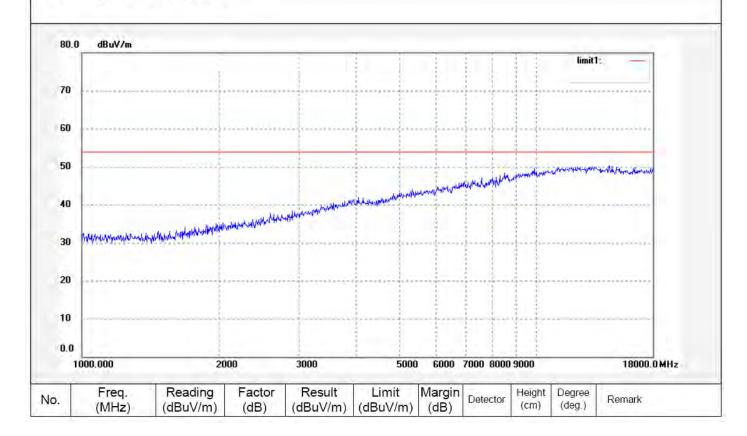
Model: R200

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131789

Polarization: Vertical Power Source: DC 3.7V

Date: 2013-9-3 Time: 9/37/52 Engineer Signature: Distance: 3m





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Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Report No.: ATE20131789

Page 94 of 127

Job No.: alen #1661

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: HOLL WIFI Disk Mode: TX 2462MHz(802.11b)

Model: R200

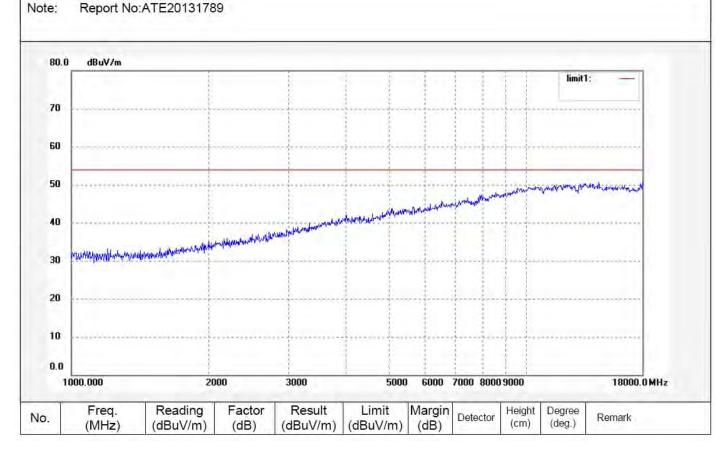
Manufacturer: WEI DA HUI ER

Report No:ATE20131789

Polarization: Horizontal Power Source: DC 3.7V

Time: 9/38/34 Engineer Signature: Distance: 3m

Date: 2013-9-3





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Report No.: ATE20131789

Page 95 of 127

Job No.: alen #1666

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: HOLL WIFI Disk
Mode: TX 2412MHz(802.11g)

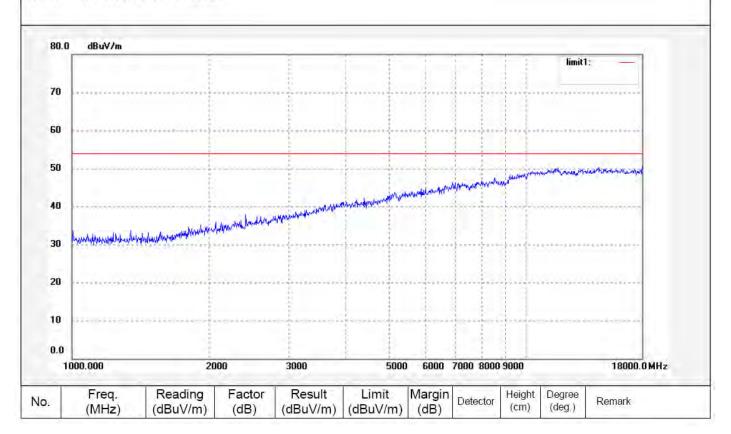
Model: R200

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131789

Polarization: Horizontal Power Source: DC 3.7V

Date: 2013-9-3 Time: 9/45/47 Engineer Signature: Distance: 3m





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Report No.: ATE20131789

Page 96 of 127

Job No.: alen #1667

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: HOLL WIFI Disk
Mode: TX 2412MHz(802.11g)

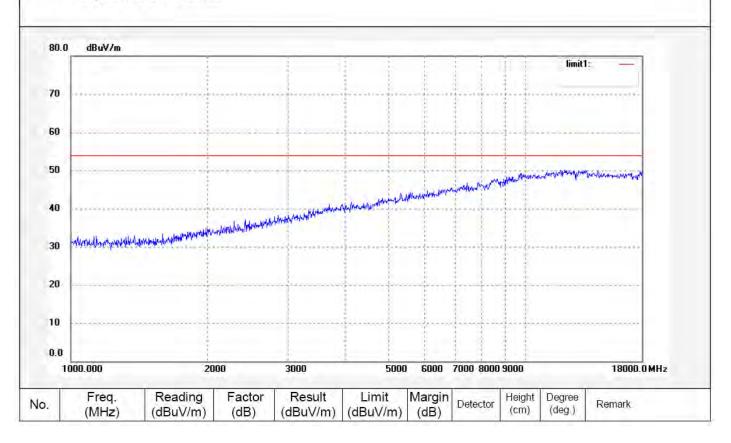
Model: R200

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131789

Polarization: Vertical
Power Source: DC 3.7V

Date: 2013-9-3 Time: 9/46/20 Engineer Signature: Distance: 3m





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Report No.: ATE20131789 Page 97 of 127

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Site: 1# Chamber



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Polarization: Vertical

Power Source: DC 3.7V Date: 2013-9-3

Time: 9/43/43

Engineer Signature:
Distance: 3m

Job No.: alen #1664

Standard: FCC Class B 3M Radiated

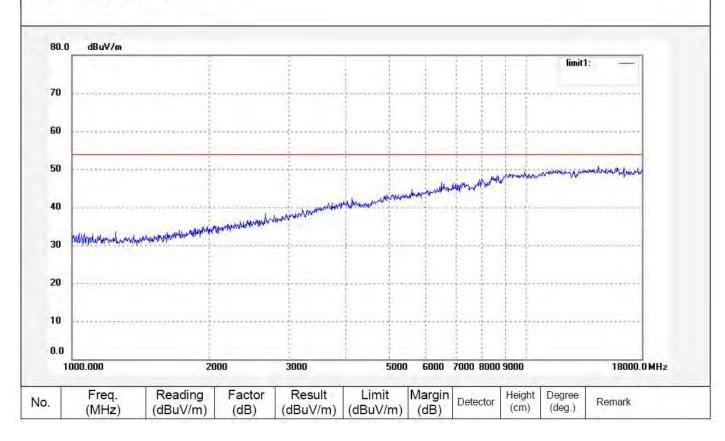
Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 % EUT: HOLL WIFI Disk Mode: TX 2437MHz(802.11g)

Model: R200

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131789





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Report No.: ATE20131789

Page 98 of 127

Job No.: alen #1665

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: HOLL WIFI Disk
Mode: TX 2437MHz(802.11g)

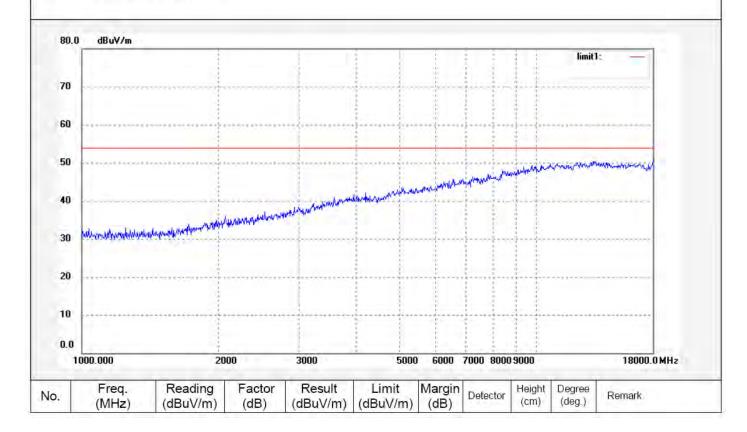
Model: R200

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131789

Polarization: Horizontal Power Source: DC 3.7V

> Date: 2013-9-3 Time: 9/44/19 Engineer Signature: Distance: 3m





Job No.: alen #1662

Test item: Radiation Test

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Report No.: ATE20131789

Page 99 of 127

Polarization: Vertical Power Source: DC 3.7V

Date: 2013-9-3 Time: 9/41/21 Engineer Signature: Distance: 3m

Model: R200

EUT:

Mode:

Manufacturer: WEI DA HUI ER

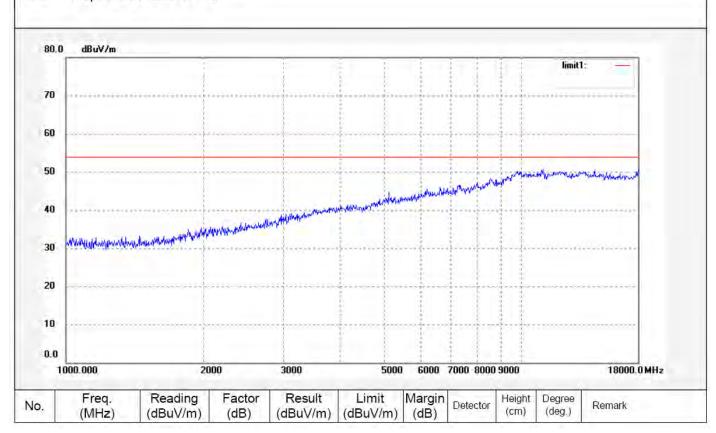
Note: Report No:ATE20131789

Standard: FCC Class B 3M Radiated

Temp.( C)/Hum.(%) 25 C / 55 %

HOLL WIFI Disk

TX 2462MHz(802.11g)





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Report No.: ATE20131789

Page 100 of 127

Job No.: alen #1663

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: HOLL WIFI Disk
Mode: TX 2462MHz(802.11g)

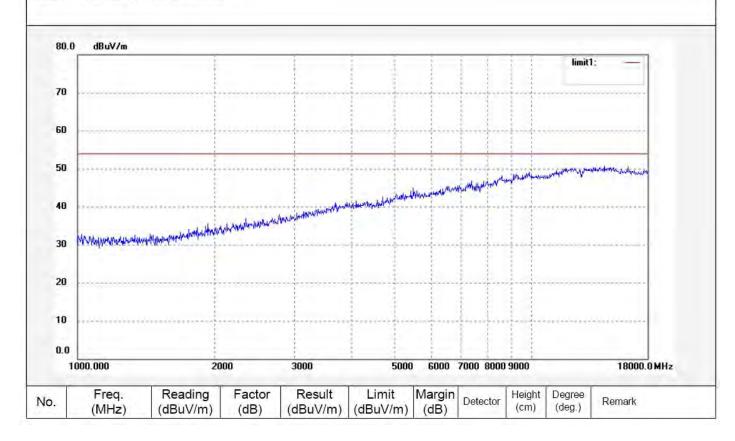
Model: R200

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131789

Polarization: Horizontal Power Source: DC 3.7V

Date: 2013-9-3
Time: 9/42/02
Engineer Signature:
Distance: 3m





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Report No.: ATE20131789

Page 101 of 127

Job No.: alen #1668

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

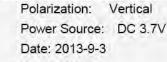
EUT: HOLL WIFI Disk

Mode: TX 2412MHz(802.11n)20MHz

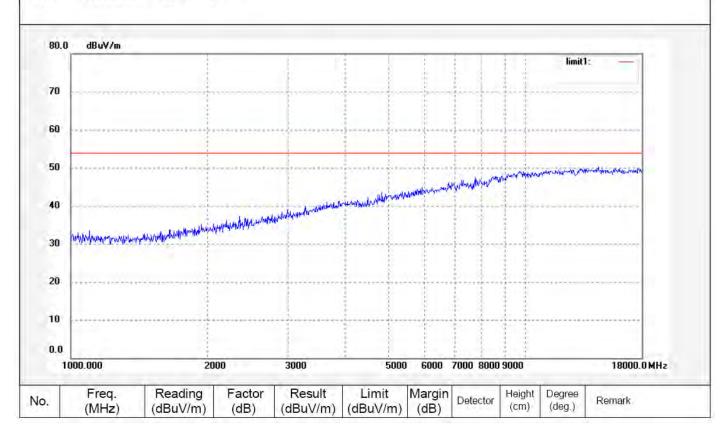
Model: R200

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131789



Time: 9/47/49
Engineer Signature:
Distance: 3m





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Report No.: ATE20131789

Page 102 of 127

Job No.: alen #1669

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

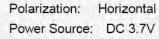
EUT: HOLL WIFI Disk

Mode: TX 2412MHz(802.11n)20MHz

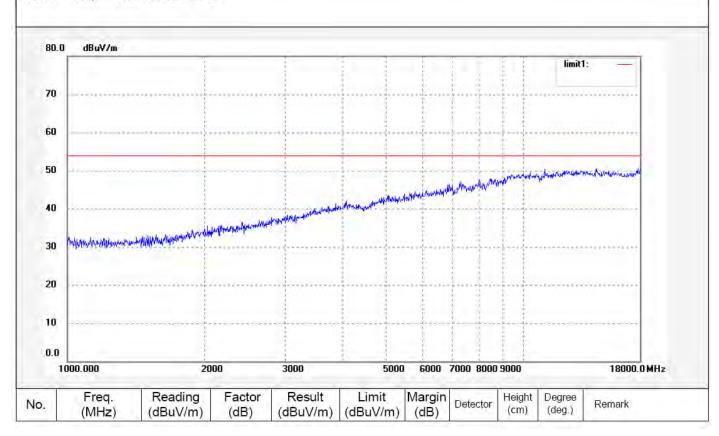
Model: R200

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131789



Date: 2013-9-3 Time: 9/48/20 Engineer Signature: Distance: 3m







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Report No.: ATE20131789

Page 103 of 127

Job No.: alen #1670

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: HOLL WIFI Disk

Mode: TX 2437MHz(802.11n)20MHz

Model: R200

Manufacturer: WEI DA HUI ER

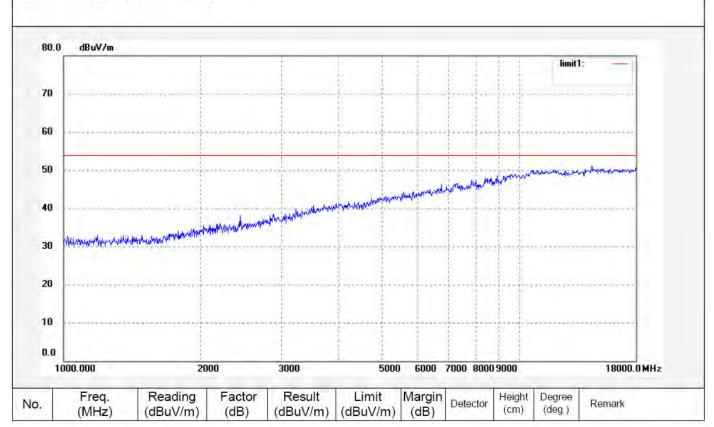
Note: Report No:ATE20131789

Power Source: DC 3.7V Date: 2013-9-3 Time: 9/49/49

Horizontal

Polarization:

Engineer Signature: Distance: 3m





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Report No.: ATE20131789

Page 104 of 127

Job No.: alen #1671

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

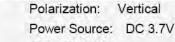
EUT: HOLL WIFI Disk

Mode: TX 2437MHz(802.11n)20MHz

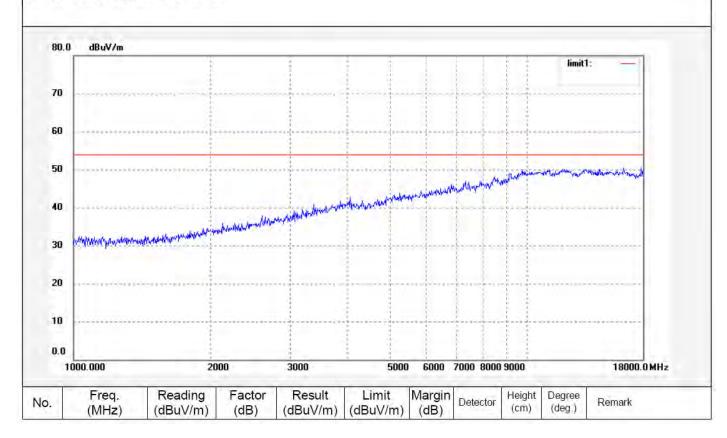
Model: R200

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131789



Date: 2013-9-3 Time: 9/50/26 Engineer Signature: Distance: 3m





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Report No.: ATE20131789

Page 105 of 127

Polarization: Vertical
Power Source: DC 3.7V

Date: 2013-9-3 Time: 9/51/49 Engineer Signature: Distance: 3m

Standard: FCC Class B 3M Radiated

T 114 D I'm T

Test item: Radiation Test

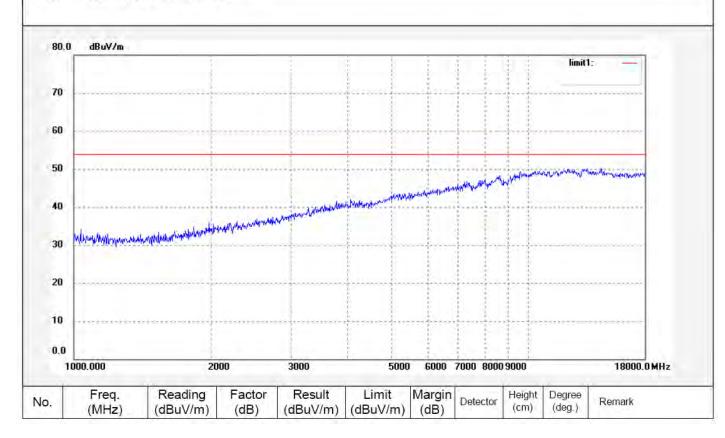
Temp.( C)/Hum.(%) 25 C / 55 % EUT: HOLL WIFI Disk

Mode: TX 2462MHz(802.11n)20MHz

Model: R200

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131789







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Report No.: ATE20131789

Page 106 of 127

Job No.: alen #1673

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: HOLL WIFI Disk

Mode: TX 2462MHz(802.11n)20MHz

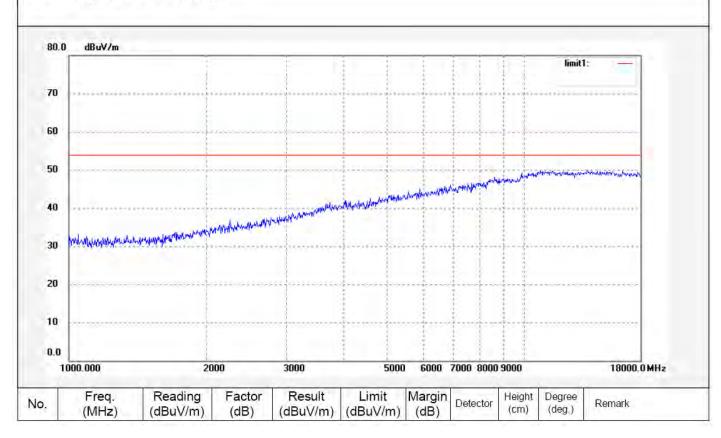
Model: R200

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131789

Polarization: Horizontal Power Source: DC 3.7V

Date: 2013-9-3 Time: 9/52/33 Engineer Signature: Distance: 3m





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Report No.: ATE20131789

Page 107 of 127

Job No.: alen #1678

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: HOLL WIFI Disk

Mode: TX 2422MHz(802.11n)40MHz

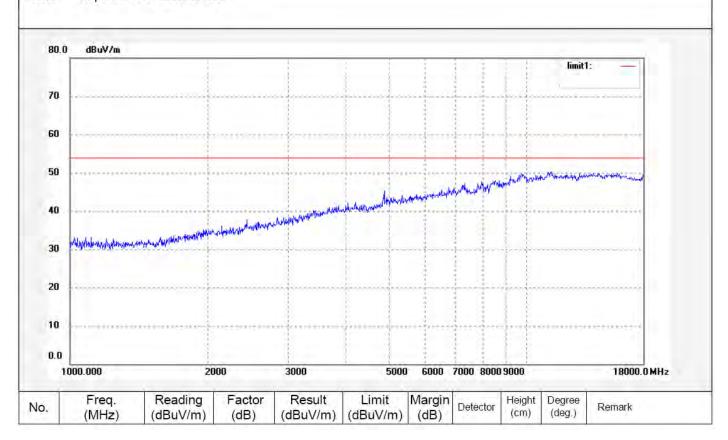
Model: R200

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131789

Polarization: Vertical Power Source: DC 3.7V

Date: 2013-9-3 Time: 9/58/16 Engineer Signature: Distance: 3m





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Report No.: ATE20131789

Page 108 of 127

Job No.: alen #1679

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 % EUT: HOLL WIFI Disk

EUT: HOLL WIFI Disk

Mode: TX 2422MHz(802.11n)40MHz

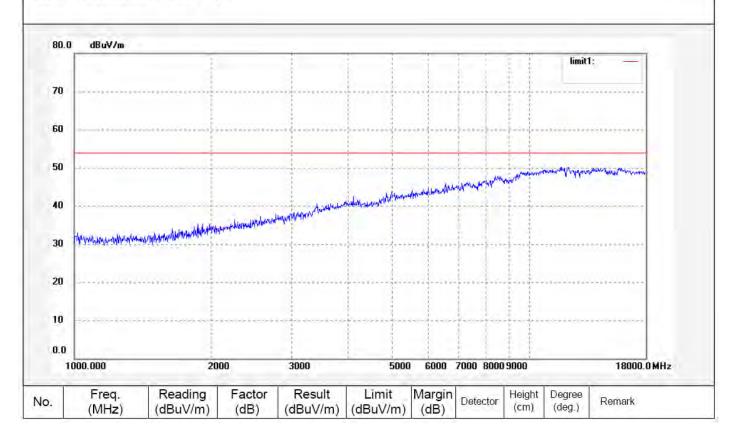
Model: R200

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131789

Polarization: Horizontal Power Source: DC 3.7V

Date: 2013-9-3 Time: 9/58/52 Engineer Signature: Distance: 3m





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Site: 1# Chamber

Report No.: ATE20131789

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3m

Job No.: alen #1676 Polarization: Vertical
Standard: FCC Class B 3M Radiated Power Source: DC 3.7V

 Test item:
 Radiation Test
 Date: 2013-9-3

 Temp.( C)/Hum.(%) 25 C / 55 %
 Time: 9/56/02

 EUT:
 HOLL WIFI Disk
 Engineer Signature:

Mode: TX 2437MHz(802.11n)40MHz Distance:

Model: R200

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131789

80.0 dBuV/m

70

60

40

30

10

0.0

1000.000 2000 3000 5000 6000 7000 8000 9000 18000.0 MHz Freq. Reading Factor Result Limit Margin Height Degree Detector No. Remark (deg.) (dBuV/m) (cm) (dB) (MHz) (dBuV/m) (dBuV/m) (dB)





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Report No.: ATE20131789

Page 110 of 127

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Job No.: alen #1677 Standard: FCC Class B 3M Radiated

Test item: Radiation Test

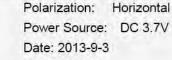
Temp.( C)/Hum.(%) 25 C / 55 % EUT: HOLL WIFI Disk

Mode: TX 2437MHz(802.11n)40MHz

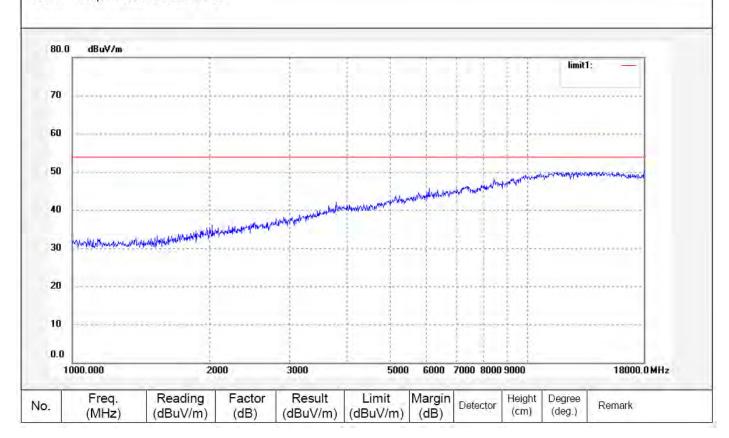
Model: R200

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131789



Time: 9/56/44
Engineer Signature:
Distance: 3m





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Report No.: ATE20131789

Page 111 of 127

Job No.: alen #1674

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: HOLL WIFI Disk

Mode: TX 2452MHz(802.11n)40MHz

Model: R200

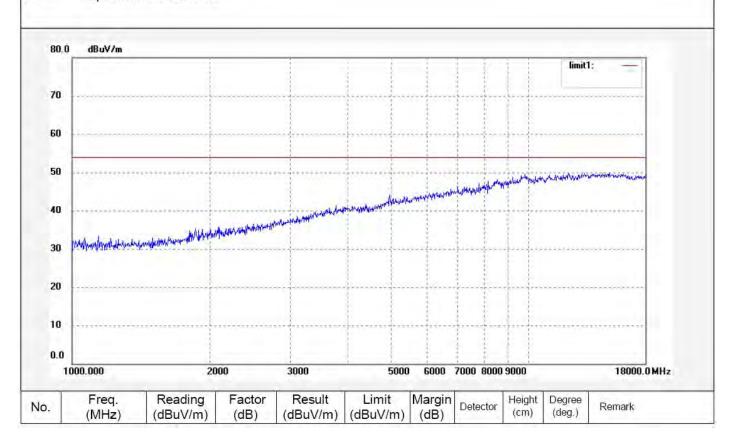
Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131789

Polarization: Horizontal Power Source: DC 3.7V

Date: 2013-9-3 Time: 9/54/05 Engineer Signature:

Distance: 3m





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Report No.: ATE20131789

Page 112 of 127

Polarization: Vertical Power Source: DC 3.7V

Date: 2013-9-3 Time: 9/54/47 Engineer Signature:

Distance: 3m

Job No.: alen #1675

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

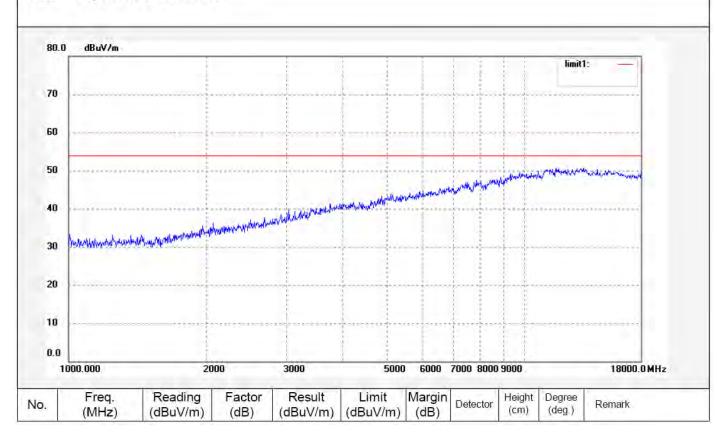
EUT: HOLL WIFI Disk

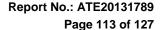
Mode: TX 2452MHz(802.11n)40MHz

Model: R200

Manufacturer: WEI DA HUI ER

Report No:ATE20131789 Note:







#### 11. CONDUCTED SPURIOUS EMISSION COMPLIANCE TEST

#### 11.1.Block Diagram of Test Setup



## 11.2.The Requirement For Section 15.247(d)

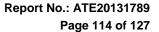
Section 15.247(d): In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

# 11.3.EUT Configuration on Measurement

The equipment is installed on the emission measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

#### 11.4. Operating Condition of EUT

- 11.4.1. Setup the EUT and simulator as shown as Section 11.1.
- 11.4.2. Turn on the power of all equipment.
- 11.4.3.Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462 and 2422-2452MHz. We select 2412MHz, 2437MHz, 2462MHz and 2422MHz, 2437MHz, 2452MHz TX frequency to transmit.





11.5.Test Procedure

- 11.5.1. The transmitter output was connected to the spectrum analyzer via a low loss cable.
- 11.5.2.Set RBW of spectrum analyzer to 100kHz and VBW to 300kHz (below 1GHz).
- 11.5.3.Set RBW of spectrum analyzer to 1MHz and VBW to 3MHz (above 1GHz).
- 11.5.4. The Conducted Spurious Emission was measured and recorded.

## 11.6.Test Result

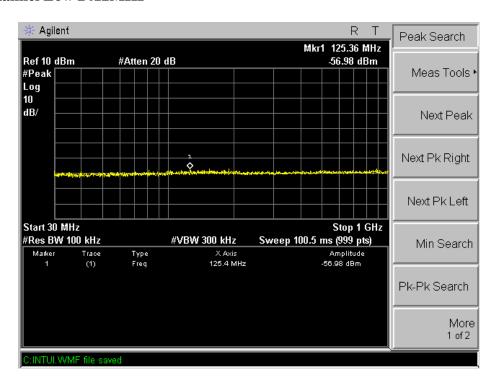
Pass.

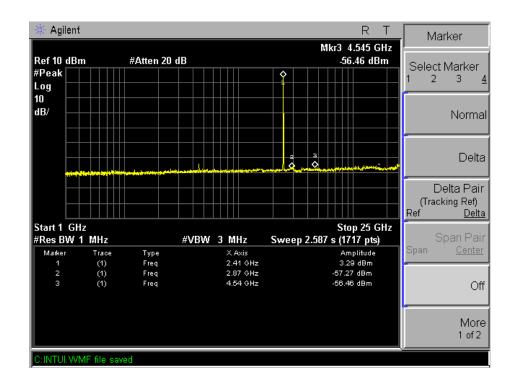
The spectrum analyzer plots are attached as below.

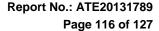
Page 115 of 127



#### TX 802.11b Channel Low 2412MHz

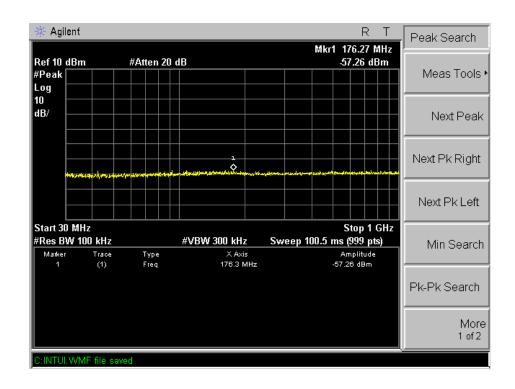


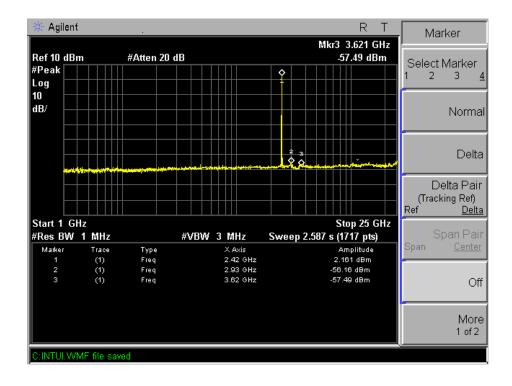






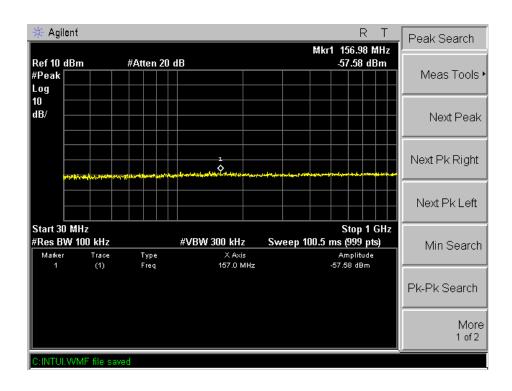
TX 802.11b Channel Middle 2437MHz

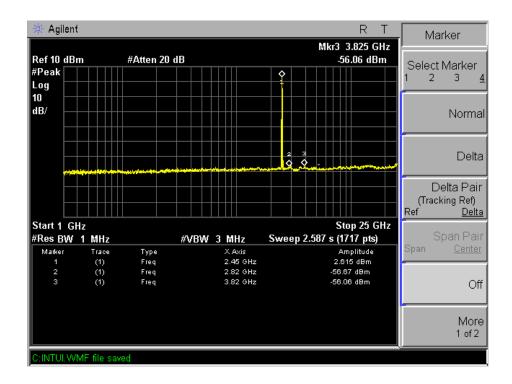






## TX 802.11b Channel High 2462MHz

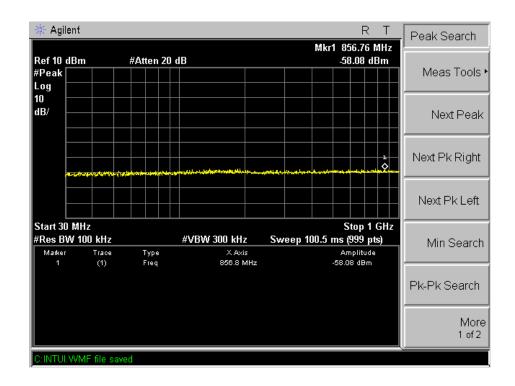


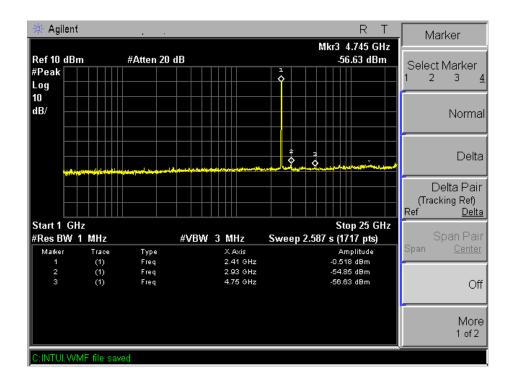


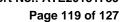




## TX 802.11g Channel Low 2412MHz

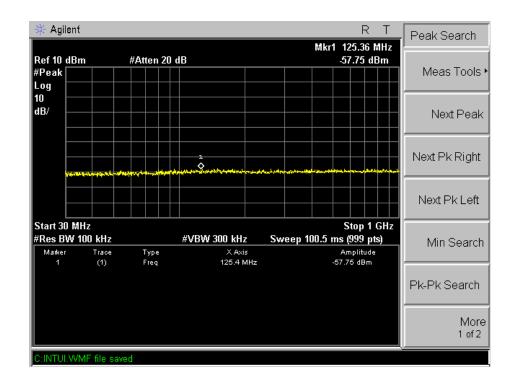


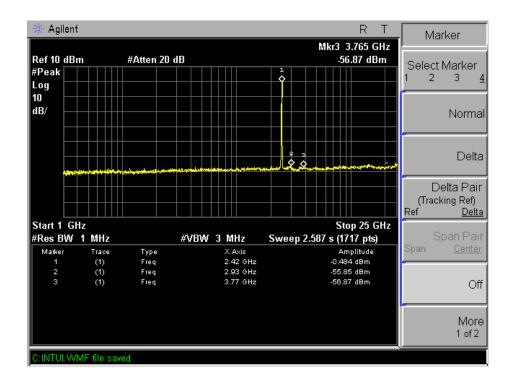


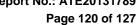




## TX 802.11g Channel Middle 2437MHz

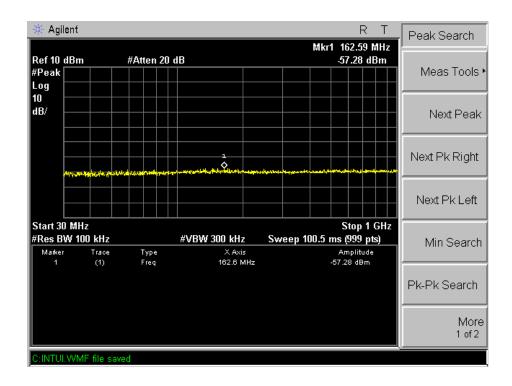


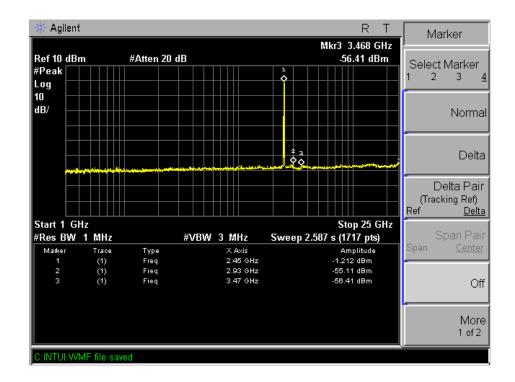






## TX 802.11g Channel High 2462MHz

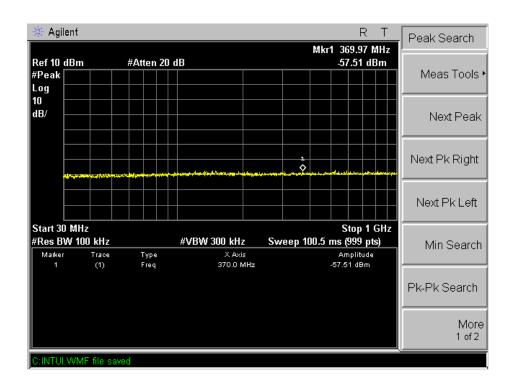


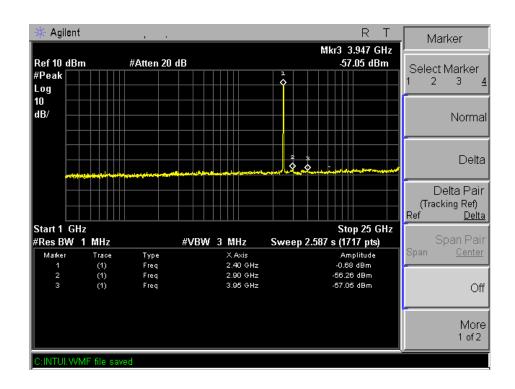


Page 121 of 127



**TX 802.11n Channel Low 2412MHz (20MHz)** 

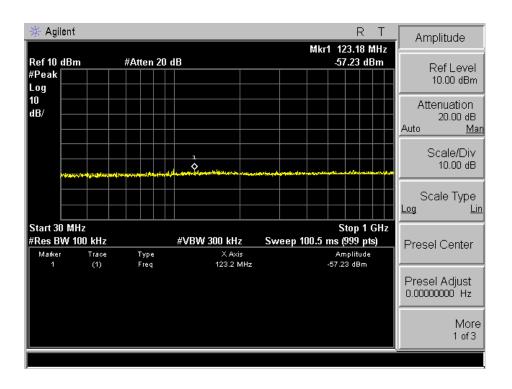


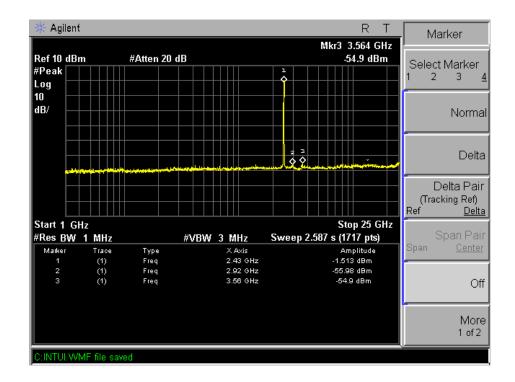


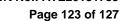
Page 122 of 127



TX 802.11n Channel Middle 2437MHz (20MHz)

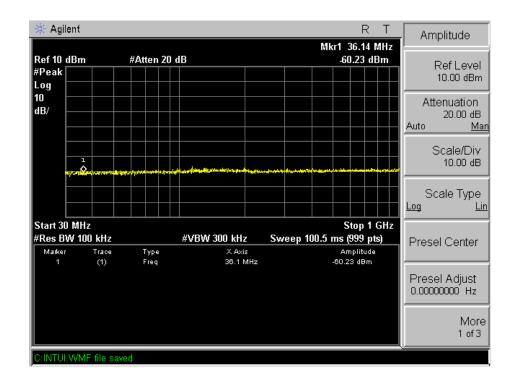


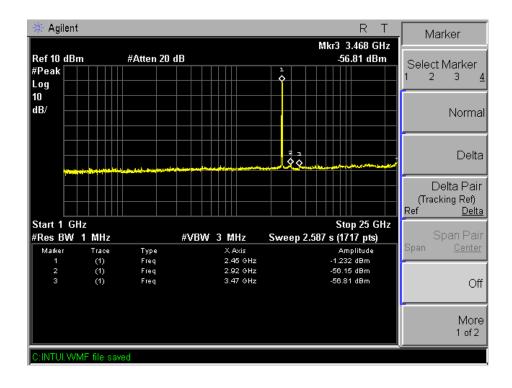


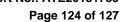




## TX 802.11n Channel High 2462MHz (20MHz)

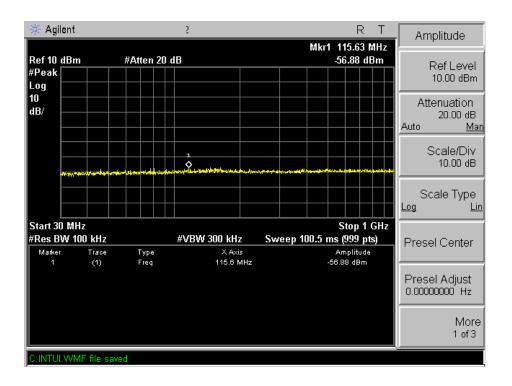


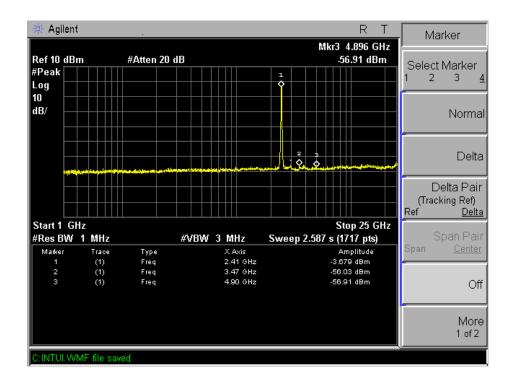






#### TX 802.11n Channel Low 2422MHz (40MHz)

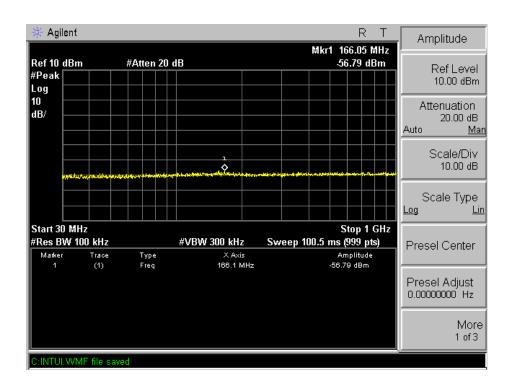


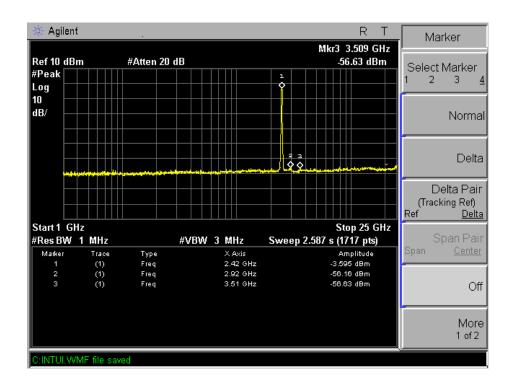


Page 125 of 127



TX 802.11n Channel Middle 2437MHz (40MHz)

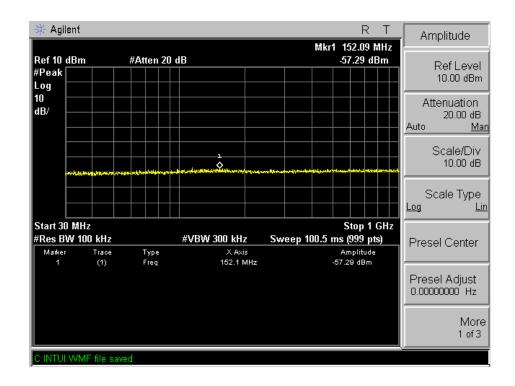


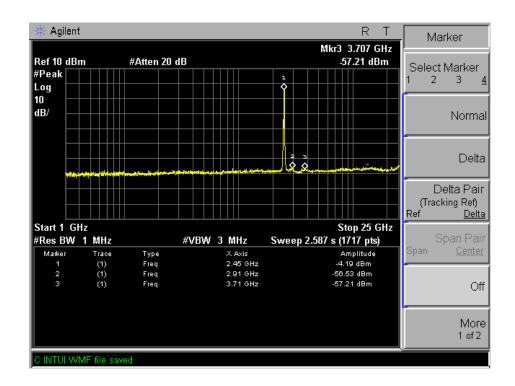






## TX 802.11n Channel High 2452MHz (40MHz)







12.ANTENNA REQUIREMENT

# 12.1.The Requirement

According to Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

## 12.2.Antenna Construction

Device is equipped with Ceramic antenna, which isn't displaced by other antenna. Therefore, the equipment complies with the antenna requirement of Section 15.203.

