

F1, Bldg, A, Changyuan New Material Port Keyuan Rd,

Science & Industry Park, Nanshan Shenzhen, P.R. China

Report No.: ATE20131790 Page 76 of 127

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

Job No.: ALEN #1531

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: R210

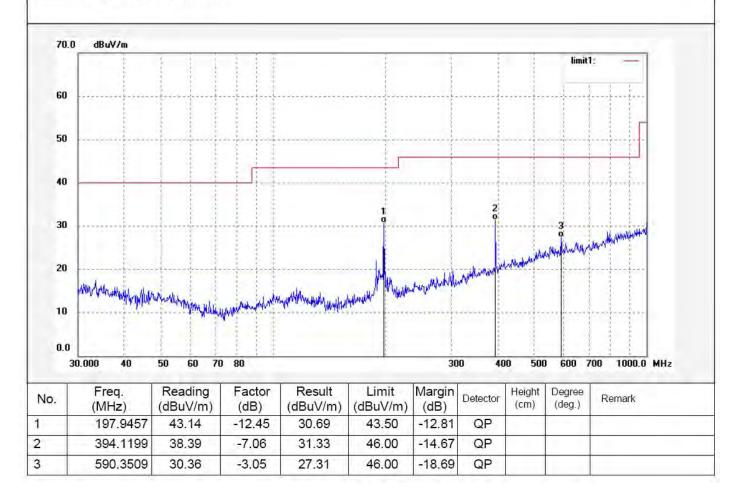
Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131790

Polarization: Vertical Power Source: DC 3.7V

Date: 13/08/24/ Time: 17/27/54 Engineer Signature:

Distance: 3m





Report No.: ATE20131790 Page 77 of 127



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Job No.: ALEN #1525

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)

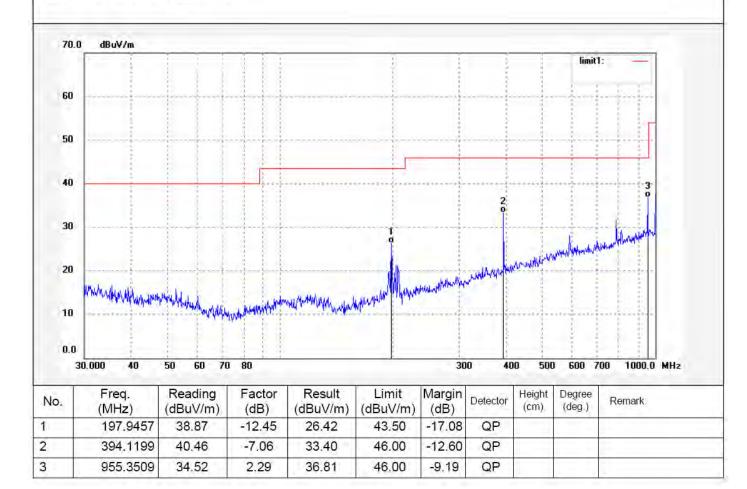
Model: R210

Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131790

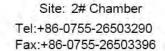
Polarization: Horizontal Power Source: DC 3.7V

Date: 13/08/24/ Time: 17/19/47 Engineer Signature: Distance: 3m





Report No.: ATE20131790 Page 78 of 127





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> Polarization: Vertical Power Source: DC 3,7V

Date: 13/08/24/ Time: 17/18/50 Engineer Signature: Distance: 3m

Job No.: ALEN #1524

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

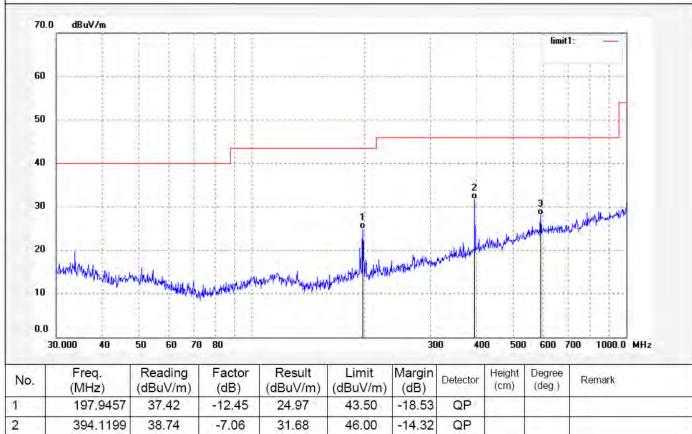
EUT: HOLL WIFI Disk

Mode: TX 2412MHz(802.11n20)

Model: R210

Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131790



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	197.9457	37.42	-12.45	24.97	43.50	-18.53	QP				
2	394.1199	38.74	-7.06	31.68	46.00	-14.32	QP				
3	590.3509	31.20	-3.05	28.15	46.00	-17.85	QP				



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Report No.: ATE20131790

Page 79 of 127

Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: ALEN #1522

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: R210

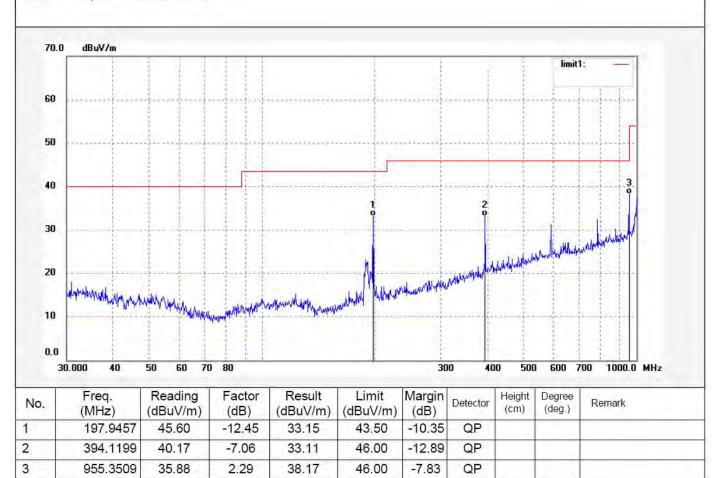
Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131790

Polarization: Horizontal Power Source: DC 3.7V

Date: 13/08/24/ Time: 17/16/58 Engineer Signature:

Distance: 3m





Page 80 of 127

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

Job No.: ALEN #1523

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)

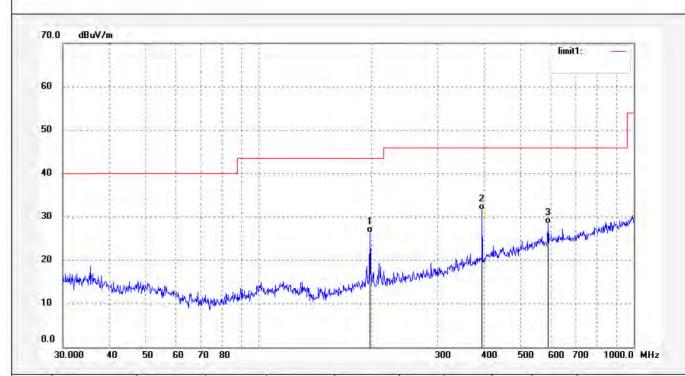
Model: R210

Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131790

Polarization: Vertical Power Source: DC 3.7V

Date: 13/08/24/ Time: 17/18/02 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	197.9457	38.83	-12.45	26.38	43.50	-17.12	QP		1 = 11	1	
2	394.1199	38.68	-7.06	31.62	46.00	-14.38	QP		1		
3	590.3509	31.52	-3.05	28.47	46.00	-17.53	QP		11		



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Fax:+86-0755-26503396

Report No.: ATE20131790

Page 81 of 127

Job No.: ALEN #1521

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)

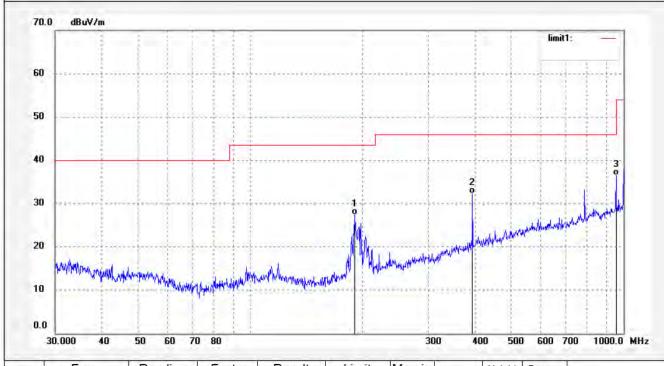
Model: R210

Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131790

Polarization: Horizontal Power Source: DC 3.7V

Date: 13/08/24/ Time: 17/15/52 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	190.4411	40.03	-12.64	27.39	43.50	-16.11	QP	1			
2	394.1199	39.41	-7.06	32.35	46.00	-13.65	QP				
3	955.3509	34.15	2.29	36.44	46.00	-9.56	QP				



Page 82 of 127



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Job No.: ALEN #1520

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)

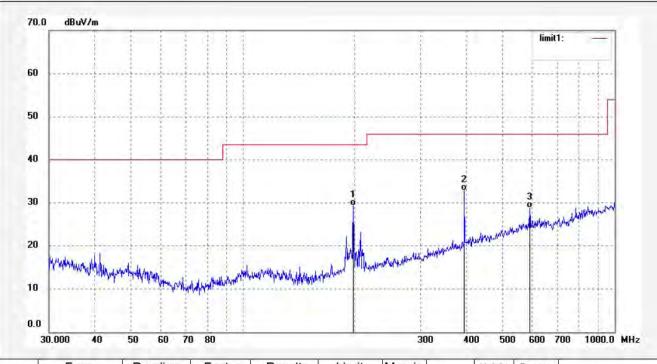
Model: R210

Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131790

Polarization: Vertical Power Source: DC 3.7V

Date: 13/08/24/
Time: 17/14/57
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	197.9457	41.83	-12.45	29.38	43.50	-14.12	QP	h 1			
2	394.1199	39.79	-7.06	32.73	46.00	-13.27	QP	1111			
3	590.3509	31.86	-3.05	28.81	46.00	-17.19	QP				



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Report No.: ATE20131790

Page 83 of 127

Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: ALEN #1514

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: R210

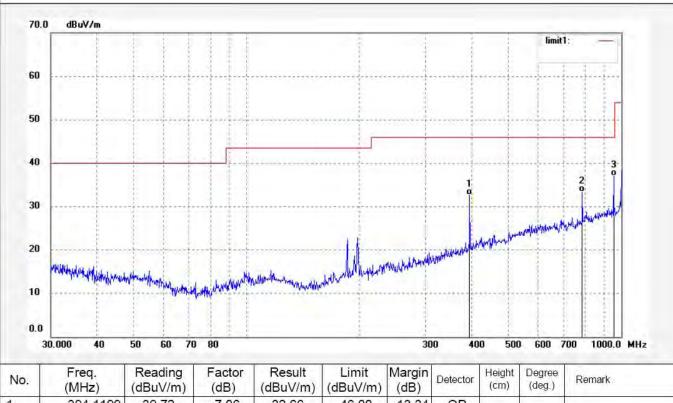
Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131790

Polarization: Horizontal

Power Source: DC 3.7V

Date: 13/08/24/
Time: 17/09/05
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	394.1199	39.72	-7.06	32.66	46.00	-13.34	QP				
2	787.4749	33.57	-0.24	33.33	46.00	-12.67	QP				
3	955.3509	34.74	2.29	37.03	46.00	-8.97	QP				



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Report No.: ATE20131790

Page 84 of 127

Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: ALEN #1515

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: R210

Manufacturer: Wei Da Hui Er

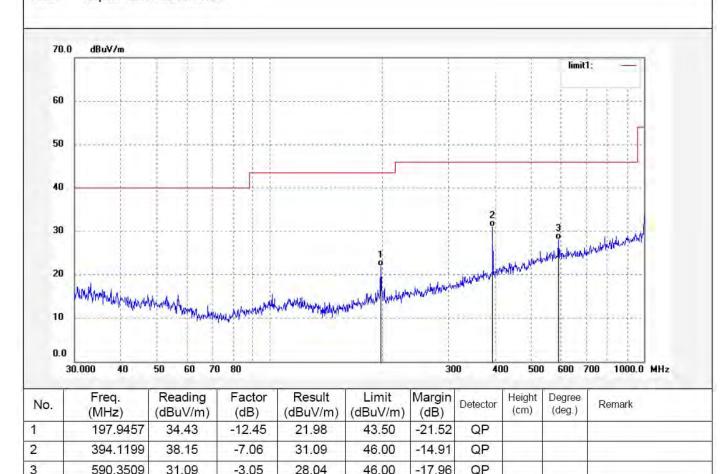
Note: Report No:ATE20131790

Polarization: Vertical

Power Source: DC 3.7V

Date: 13/08/24/ Time: 17/09/55 Engineer Signature:

Distance: 3m





Page 85 of 127



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Job No.: ALEN #1517

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: R210

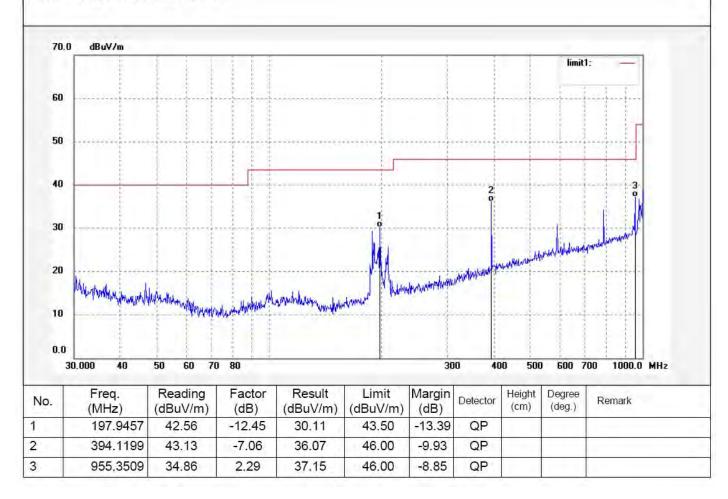
Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131790

Polarization: Horizontal Power Source: DC 3.7V

Date: 13/08/24/ Time: 17/11/58 Engineer Signature:

Distance: 3m





Page 86 of 127



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Job No.: ALEN #1516

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)

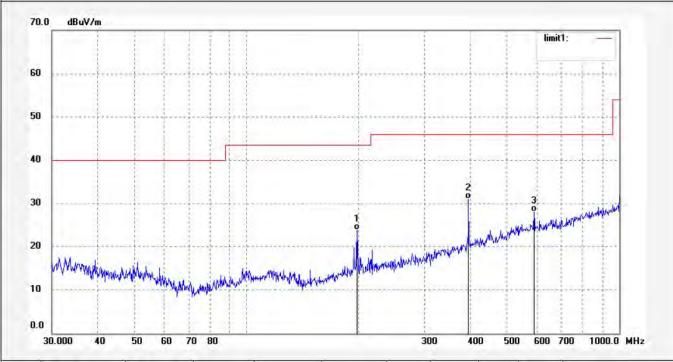
Model: R210

Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131790

Polarization: Vertical Power Source: DC 3.7V

Date: 13/08/24/
Time: 17/10/50
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	197.9457	36.36	-12.45	23.91	43.50	-19.59	QP			
2	394.1199	38.06	-7.06	31.00	46.00	-15.00	QP			
3	590.3509	31.17	-3.05	28.12	46.00	-17.88	QP			



Page 87 of 127



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Job No.: ALEN #1518

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)

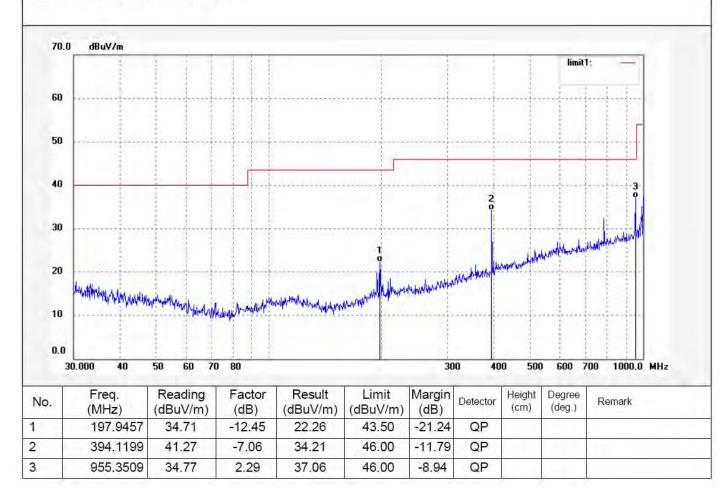
Model: R210

Manufacturer: Wei Da Hui Er

Note: Report No:ATE20131790

Polarization: Horizontal Power Source: DC 3.7V

Date: 13/08/24/ Time: 17/12/54 Engineer Signature: Distance: 3m





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Report No.: ATE20131790

Page 88 of 127

Job No.: ALEN #1519

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: R210

Manufacturer: Wei Da Hui Er

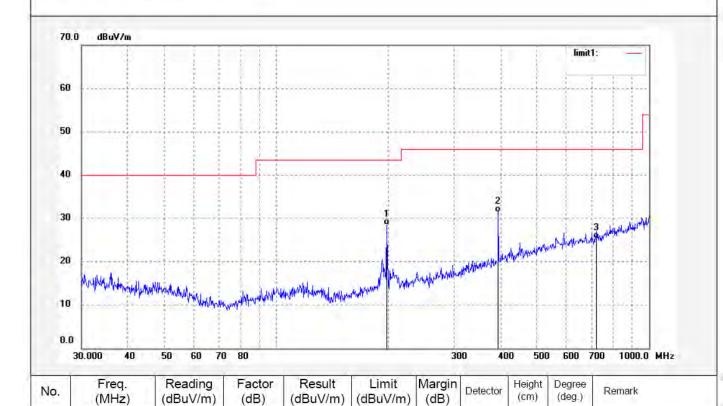
Note: Report No:ATE20131790

Polarization: Vertical

Power Source: DC 3.7V

Date: 13/08/24/ Time: 17/13/54 Engineer Signature:

Distance: 3m



43.50

46.00

46.00

-15.09

-14.50

-20.69

QP

QP

QP

1

2

3

197.9457

394.1199

723,7930

40.86

38.56

26.74

-12.45

-7.06

-1.43

28.41

31.50

25.31



Page 89 of 127

Above 1G



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

Polarization: Horizontal

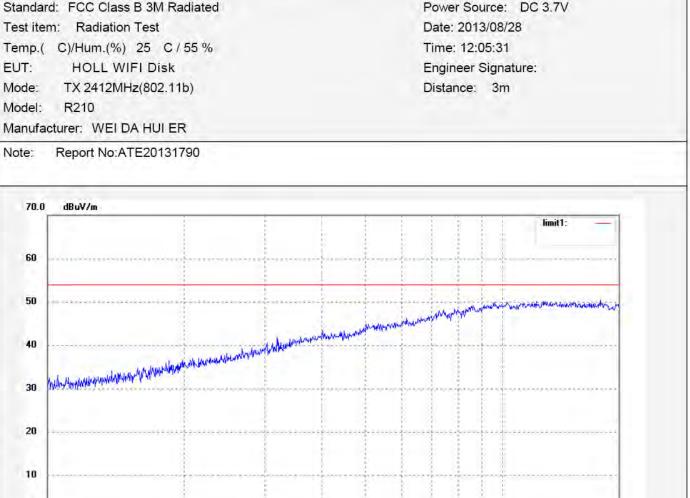
Job No.: alen #1369

Standard: FCC Class B 3M Radiated

EUT: HOLL WIFI Disk Mode:

Model: R210

Manufacturer: WEI DA HUI ER



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

5000

6000 7000 8000 9000

3000

2000

0.0

1000.000

18000.0 MHz



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

Report No.: ATE20131790

Page 90 of 127

F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China

Polarization: Vertical Power Source: DC 3.7V

Date: 2013/08/28
Time: 12:06:08
Engineer Signature:
Distance: 3m

Job No.: alen #1370

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

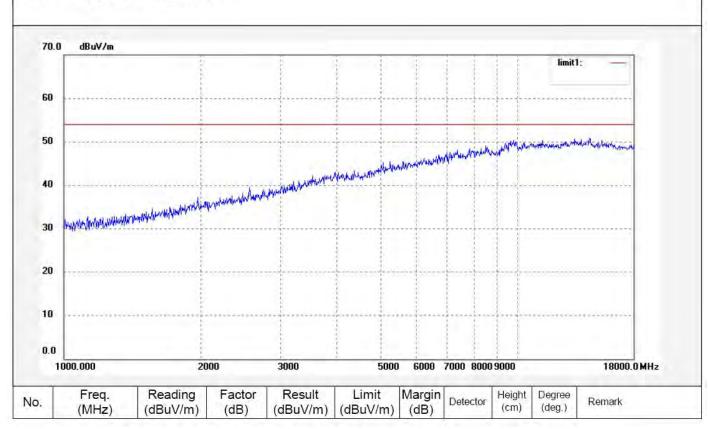
Temp.(C)/Hum.(%) 25 C / 55 %

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

Model: R210

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131790





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Report No.: ATE20131790

Page 91 of 127

Job No.: alen #1372

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)

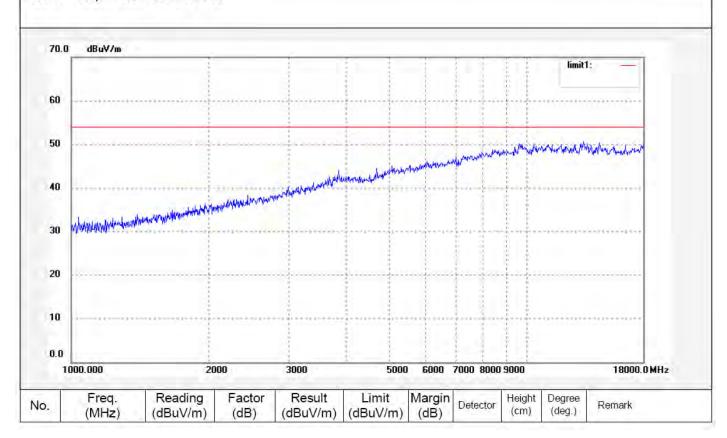
Model: R210

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131790

Polarization: Horizontal Power Source: DC 3.7V

Date: 2013/08/28 Time: 12:08:23 Engineer Signature: Distance: 3m





ATC ®

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Report No.: ATE20131790

Page 92 of 127

Job No.: alen #1371

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)

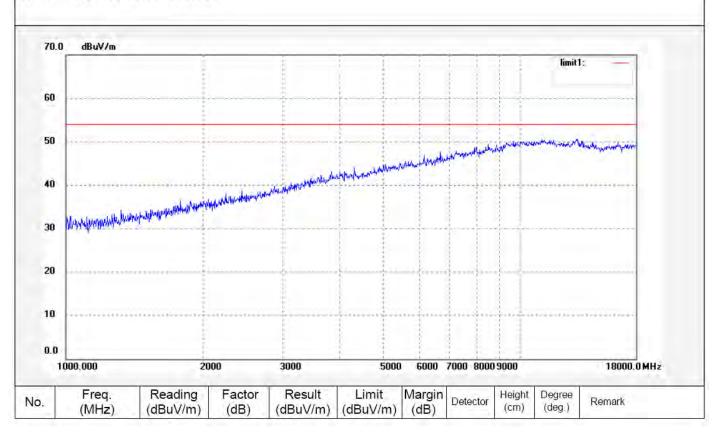
Model: R210

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131790

Polarization: Vertical Power Source: DC 3.7V

Date: 2013/08/28
Time: 12:07:41
Engineer Signature:
Distance: 3m





AC

Report No.: ATE20131790

Page 93 of 127

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Job No.: alen #1373

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

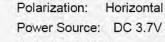
Temp.(C)/Hum.(%) 25 C / 55 %

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

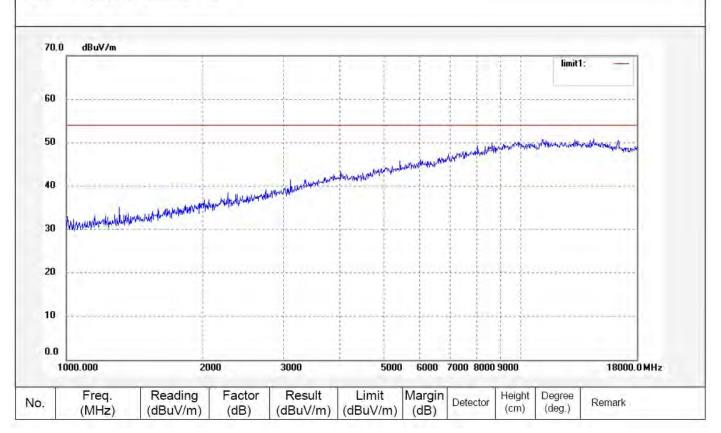
Model: R210

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131790



Date: 2013/08/28
Time: 12:09:49
Engineer Signature:
Distance: 3m





Page 94 of 127

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F1, Bldg, A, Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

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

Job No.: alen #1374

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)

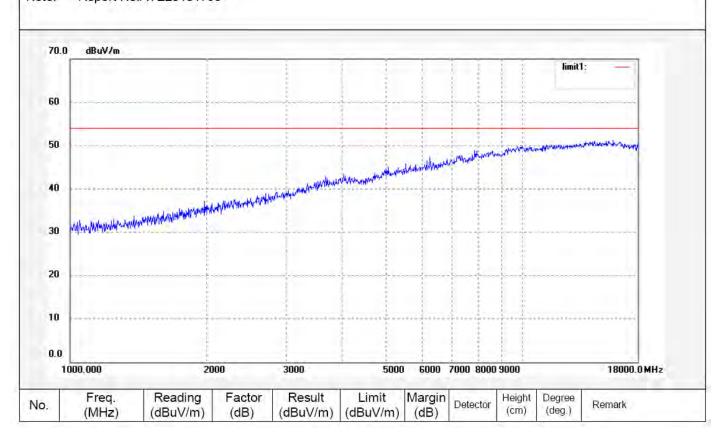
Model: R210

Manufacturer: WEI DA HUI ER

Report No:ATE20131790 Note:

Polarization: Vertical Power Source: DC 3.7V Date: 2013/08/28

Time: 12:10:26 Engineer Signature: Distance: 3m





Page 95 of 127



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F1, Bldg, A, Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Polarization:

Date: 2013/08/28 Time: 11:53:44

Engineer Signature:

Distance: 3m

Power Source: DC 3.7V

(cm)

(deg.)

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

Horizontal

Job No.: alen #1368

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

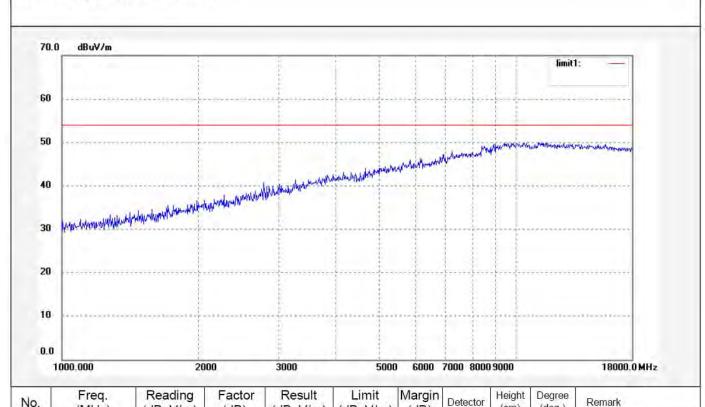
Temp.(C)/Hum.(%) 25 C / 55 %

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

Model: R210

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131790



(dBuV/m)

(dB)

No.

(MHz)

(dBuV/m)

(dB)

(dBuV/m)



Page 96 of 127

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Site: 1# Chamber Tel:+86-0755-26503290 F1, Bldg, A, Changyuan New Material Port Keyuan Rd, Fax:+86-0755-26503396 Science & Industry Park, Nanshan Shenzhen, P.R. China

Job No.: alen #1367

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

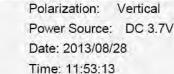
Temp.(C)/Hum.(%) 25 C / 55 %

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

Model: R210

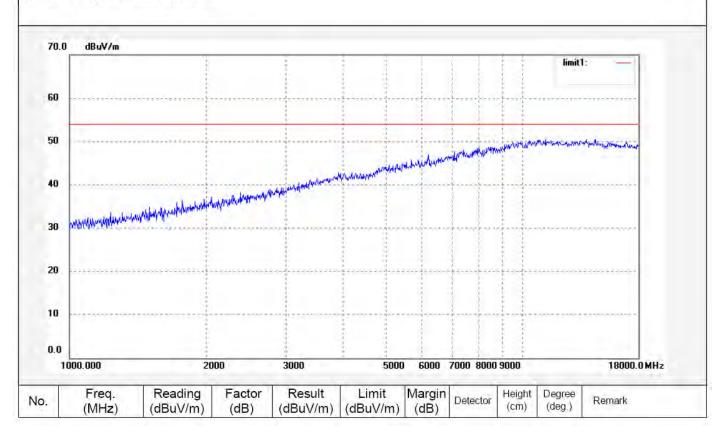
Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131790



Vertical

Engineer Signature: Distance: 3m





Page 97 of 127



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Job No.: alen #1365

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

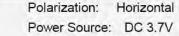
Temp.(C)/Hum.(%) 25 C / 55 %

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

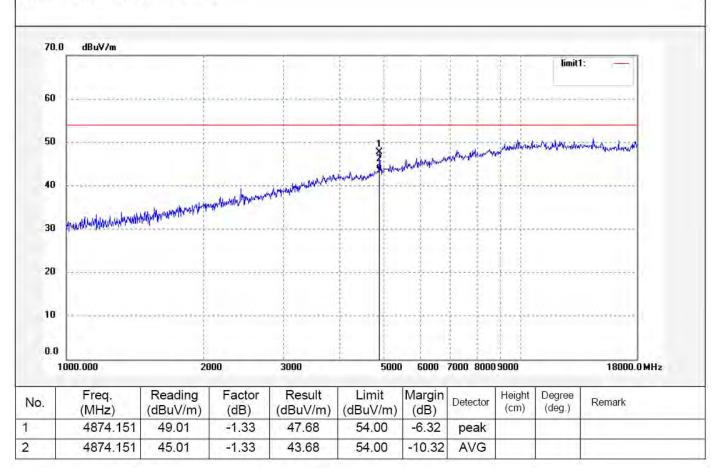
Model: R210

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131790



Date: 2013/08/28
Time: 11:51:13
Engineer Signature:
Distance: 3m





Page 98 of 127



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

Job No.: alen #1366

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

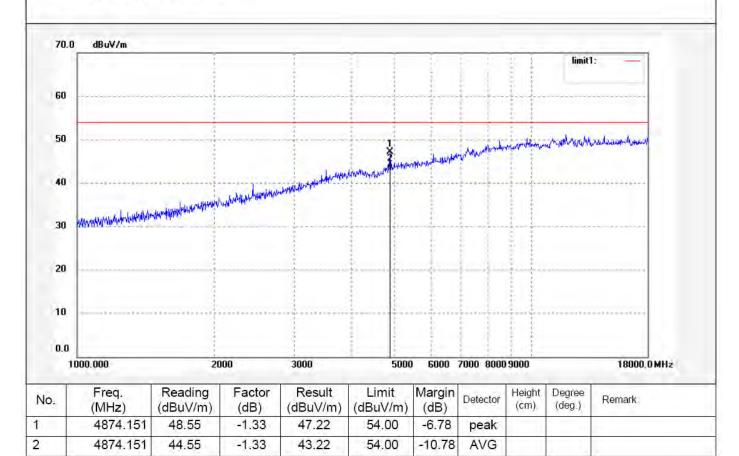
EUT: HOLL WIFI Disk Mode: TX 2437MHz(802.11g)

Model: R210

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131790 Polarization: Vertical Power Source: DC 3.7V

Date: 2013/08/28 Time: 11:52:02 Engineer Signature: Distance: 3m





Page 99 of 127

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

Job No.: alen #1364

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

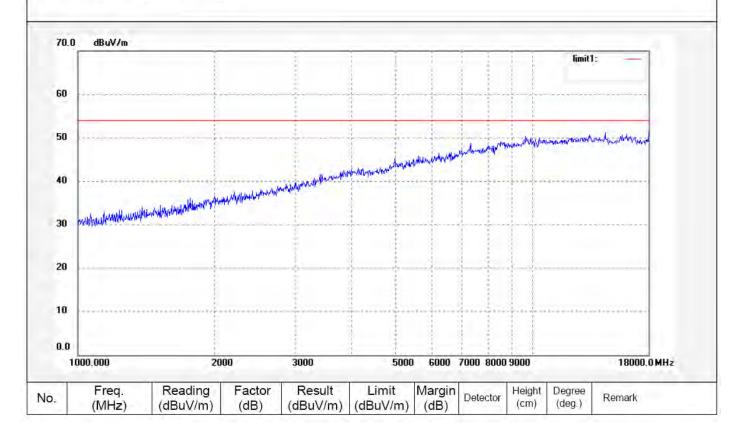
EUT: HOLL WIFI Disk Mode: TX 2462MHz(802.11g)

Model: R210

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131790 Polarization: Horizontal Power Source: DC 3.7V

Date: 2013/08/28 Time: 11:49:53 Engineer Signature: Distance: 3m





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Report No.: ATE20131790

Page 100 of 127

Job No.: alen #1363

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)

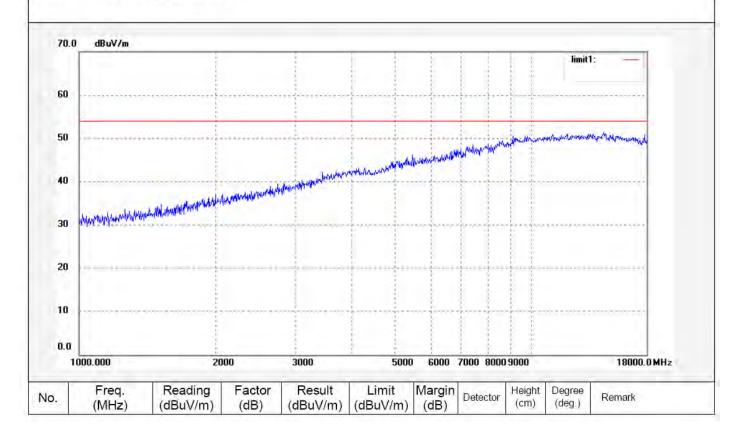
Model: R210

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131790

Polarization: Vertical
Power Source: DC 3.7V
Date: 2013/08/28

Time: 11:49:11
Engineer Signature:
Distance: 3m





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Report No.: ATE20131790

Page 101 of 127

Job No.: alen #1357

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

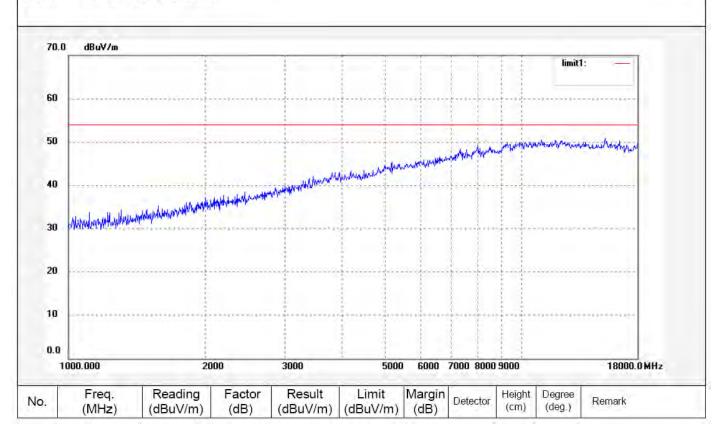
Model: R210

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131790

Polarization: Horizontal Power Source: DC 3.7V

Date: 2013/08/28
Time: 11:41:43
Engineer Signature:
Distance: 3m





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Report No.: ATE20131790

Page 102 of 127

Job No.: alen #1358

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

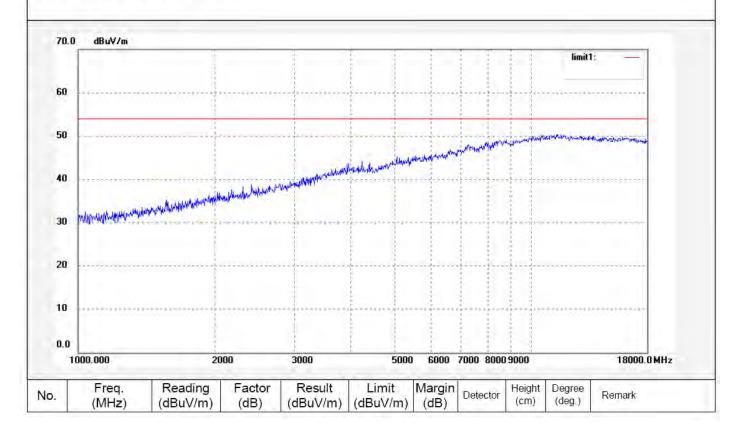
Model: R210

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131790

Polarization: Vertical Power Source: DC 3.7V

Date: 2013/08/28
Time: 11:42:43
Engineer Signature:
Distance: 3m





Page 103 of 127



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Job No.: alen #1360

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

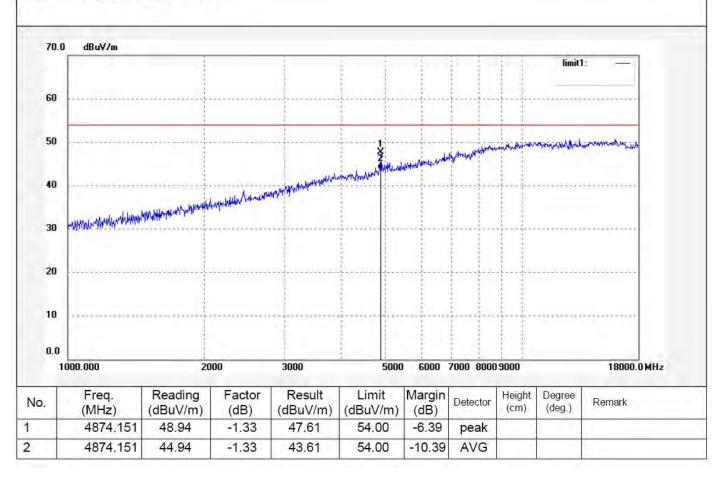
Model: R210

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131790

Polarization: Horizontal Power Source: DC 3.7V

Date: 2013/08/28 Time: 11:45:31 Engineer Signature: Distance: 3m





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Report No.: ATE20131790

Page 104 of 127

Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: alen #1359

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

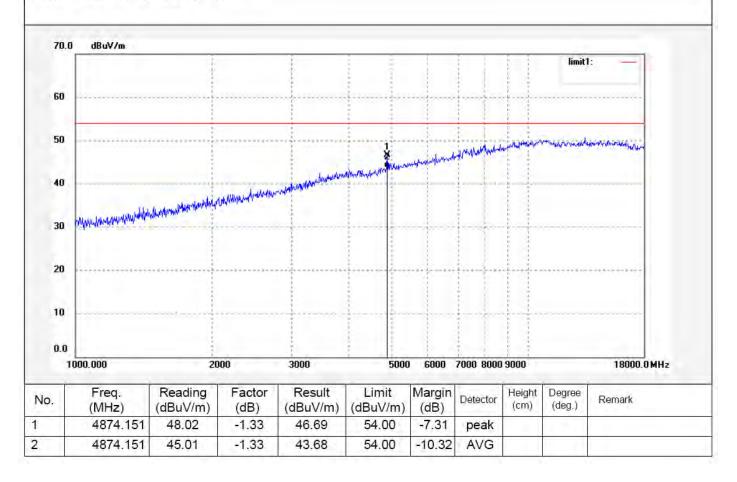
Model: R210

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131790

Polarization: Vertical Power Source: DC 3.7V Date: 2013/08/28

Date: 2013/08/28
Time: 11:44:36
Engineer Signature:
Distance: 3m





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Polarization:

Date: 2013/08/28

Engineer Signature:

Time: 11:47:05

Distance: 3m

Power Source: DC 3.7V

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

Horizontal

Report No.: ATE20131790

Page 105 of 127

Job No.: alen #1361

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

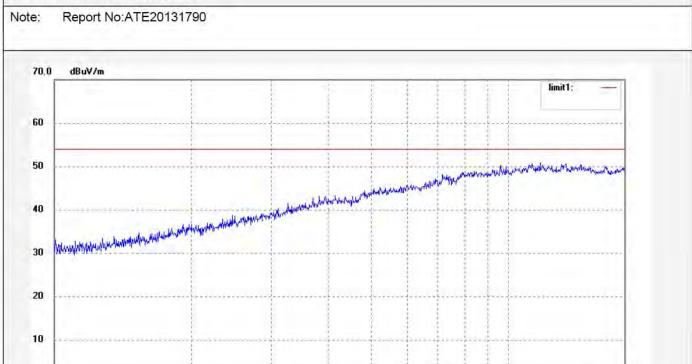
Temp.(C)/Hum.(%) 25 C / 55 %

EUT: HOLL WIFI Disk

Mode: TX 2462MHz(802.11n)20MHz

Model: R210

Manufacturer: WEI DA HUI ER



ď	1000.000	20	00	3000	5000	6000	7000 8000	9000		18000.0 MHz
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark



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Report No.: ATE20131790

Page 106 of 127

Job No.: alen #1362

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

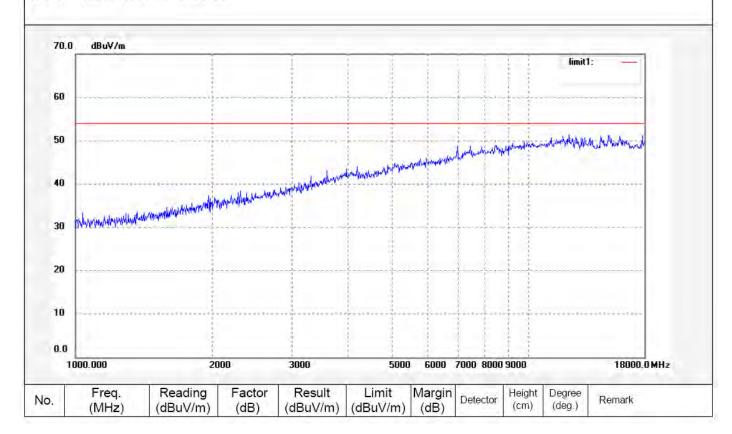
Model: R210

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131790

Polarization: Vertical Power Source: DC 3.7V

Date: 2013/08/28
Time: 11:47:42
Engineer Signature:
Distance: 3m







F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China

Polarization:

Date: 2013/08/28

Engineer Signature:

Time: 11:34:23

Distance: 3m

Power Source: DC 3.7V

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

Horizontal

Report No.: ATE20131790

Page 107 of 127

Job No.: alen #1352

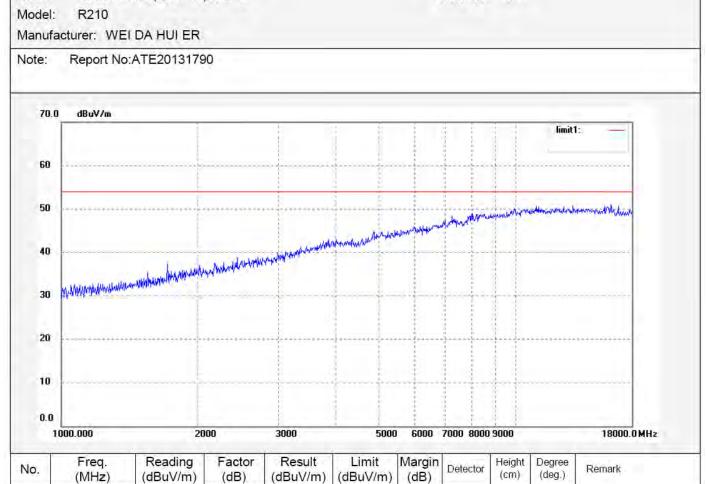
Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: HOLL WIFI Disk

Mode: TX 2422MHz(802.11n)40MHz





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Report No.: ATE20131790

Page 108 of 127

Job No.: alen #1351

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

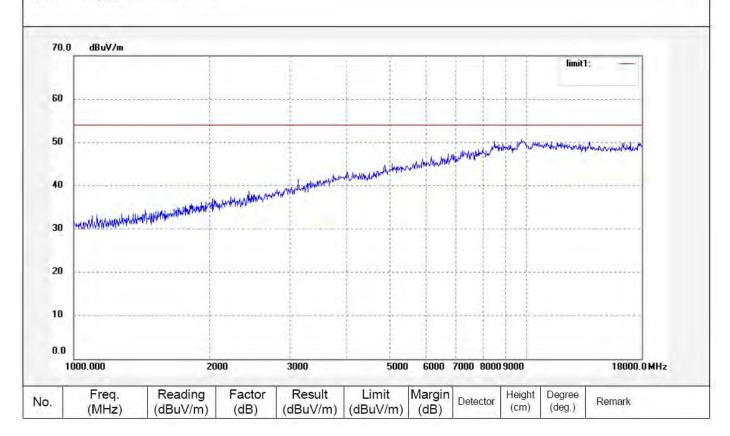
Model: R210

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131790

Polarization: Vertical
Power Source: DC 3.7V
Date: 2013/08/28

Date: 2013/08/28
Time: 11:32:39
Engineer Signature:
Distance: 3m





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Report No.: ATE20131790 Page 109 of 127

1 age 103 01 127

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

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Job No.: alen #1353

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

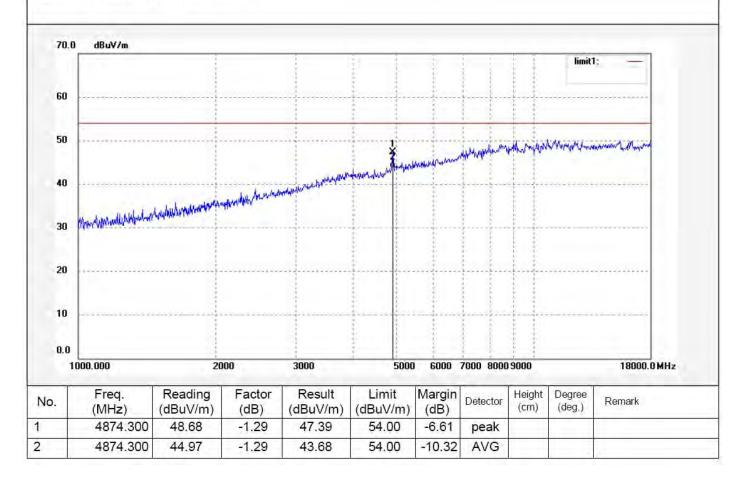
Model: R210

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131790

Polarization: Horizontal Power Source: DC 3.7V

Date: 2013/08/28 Time: 11:36:06 Engineer Signature: Distance: 3m







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Report No.: ATE20131790

Page 110 of 127

Job No.: alen #1354

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

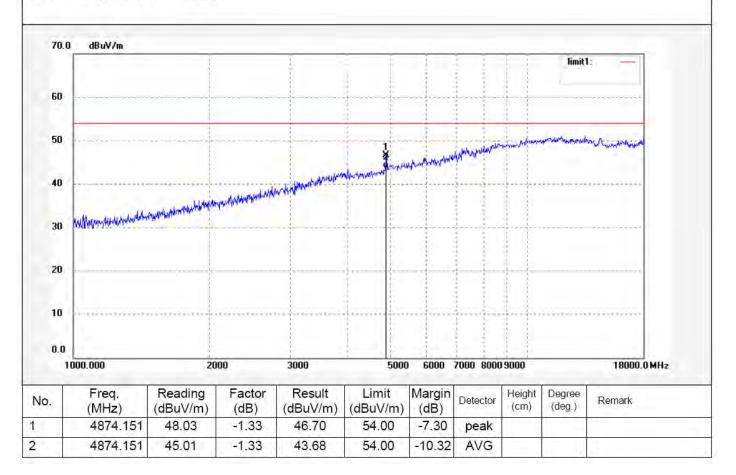
Model: R210

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131790

Polarization: Vertical Power Source: DC 3.7V

Date: 2013/08/28 Time: 11:36:54 Engineer Signature: Distance: 3m





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Report No.: ATE20131790

Page 111 of 127

Job No.: alen #1356

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

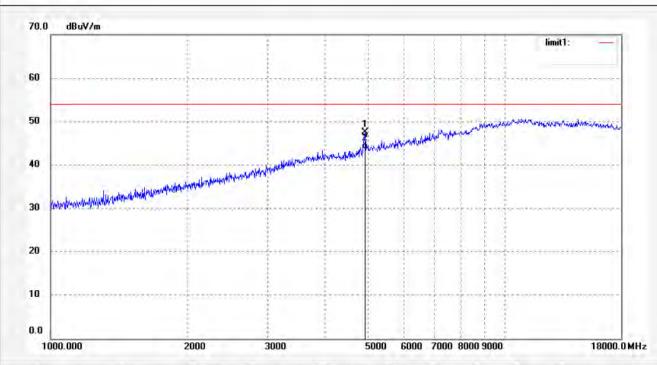
Model: R210

Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131790

Polarization: Horizontal Power Source: DC 3.7V

Date: 2013/08/28 Time: 11:39:24 Engineer Signature: Distance: 3m



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)		Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4904.490	48.79	-1.25	47.54	54.00	-6.46	peak			
2	4904.490	44.98	-1.25	43.73	54.00	-10.27	AVG			



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Report No.: ATE20131790

Page 112 of 127

Job No.: alen #1355

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

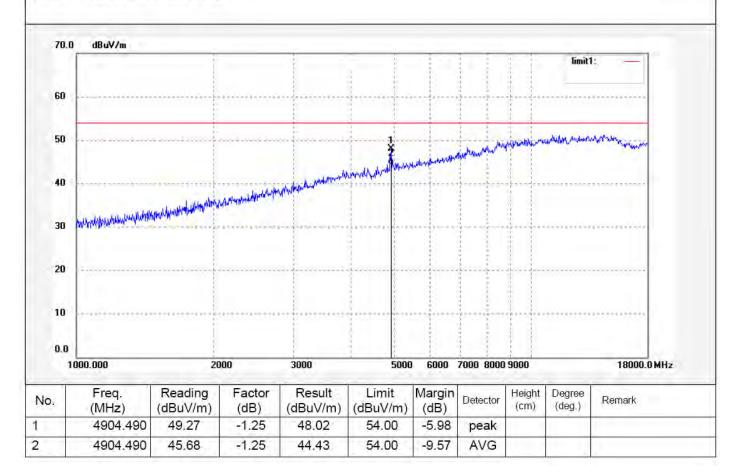
Model: R210

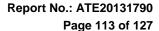
Manufacturer: WEI DA HUI ER

Note: Report No:ATE20131790

Polarization: Vertical Power Source: DC 3.7V

Date: 2013/08/28
Time: 11:38:40
Engineer Signature:
Distance: 3m







11. CONDUCTED SPURIOUS EMISSION COMPLIANCE TEST

11.1.Block Diagram of Test Setup



11.2.The Requirement For Section 15.247(d)

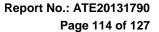
Section 15.247(d): In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band 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.

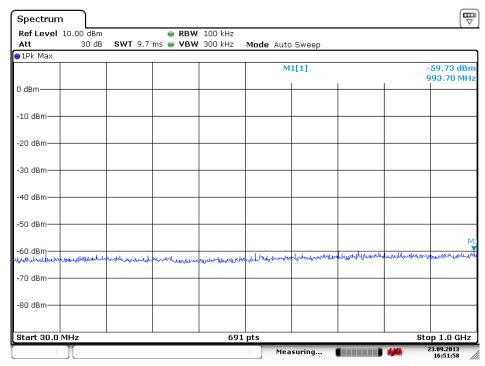
11.6.Test Result

Pass.

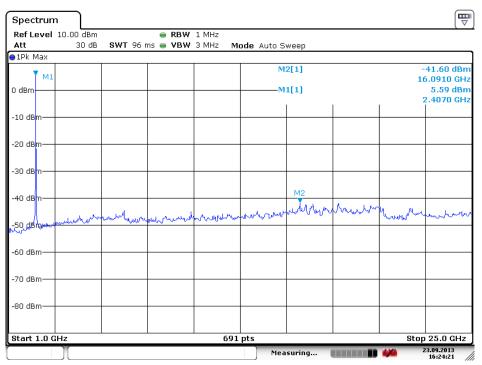
The spectrum analyzer plots are attached as below.



TX 802.11b Channel Low 2412MHz



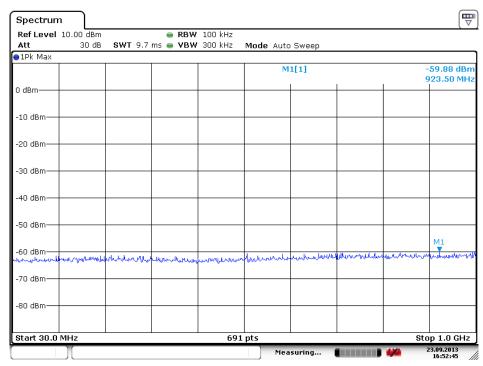
Date: 23.SEP.2013 16:51:58



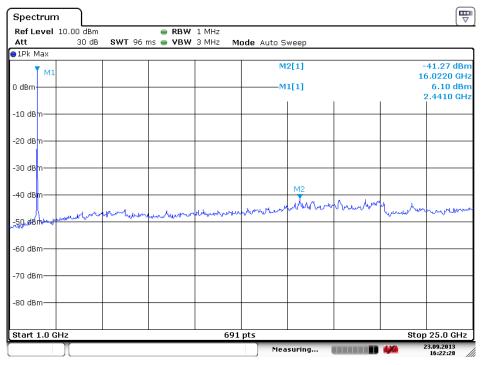
Date: 23.SEP.2013 16:24:21



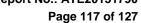
TX 802.11b Channel Middle 2437MHz



Date: 23.SEP.2013 16:52:45

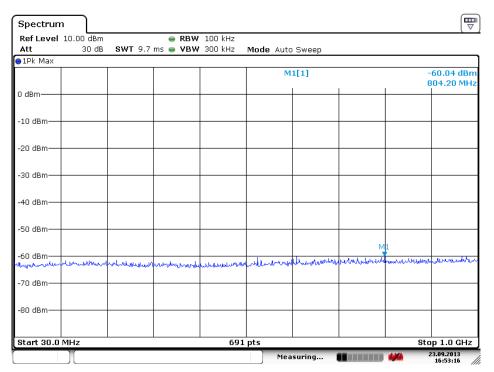


Date: 23.SEP.2013 16:22:28

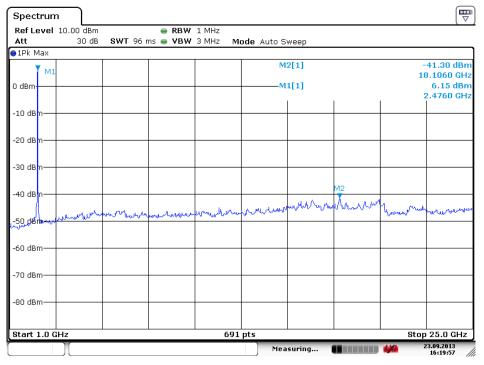




TX 802.11b Channel High 2462MHz



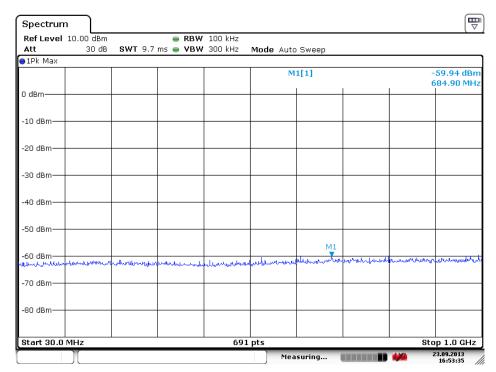
Date: 23.SEP.2013 16:53:16



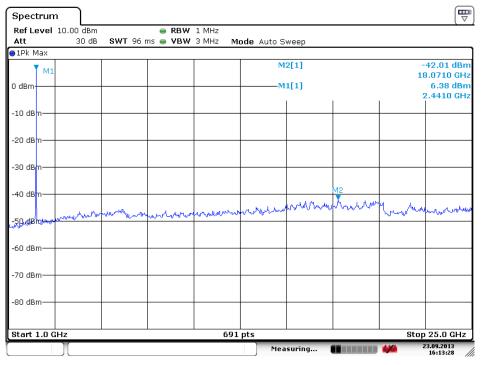
Date: 23.SEP.2013 16:19:57



TX 802.11g Channel Low 2412MHz



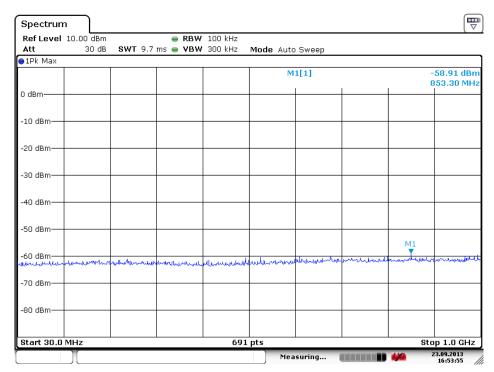
Date: 23.SEP.2013 16:53:35



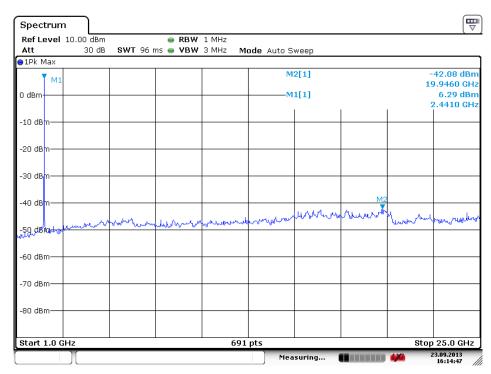
Date: 23.SEP.2013 16:13:28



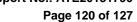
TX 802.11g Channel Middle 2437MHz



Date: 23.SEP.2013 16:53:55

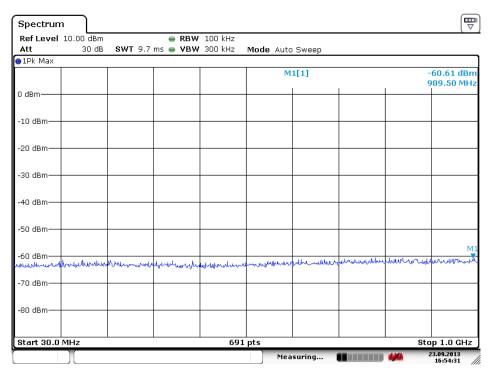


Date: 23.SEP.2013 16:14:47

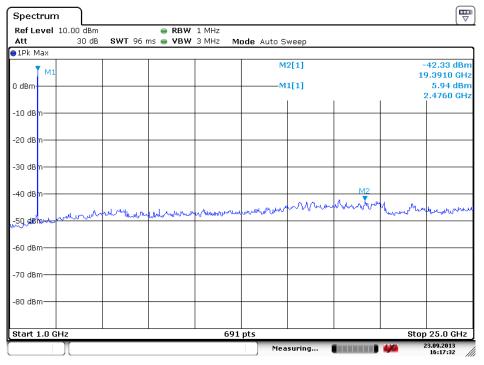




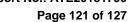
TX 802.11g Channel High 2462MHz



Date: 23.SEP.2013 16:54:31

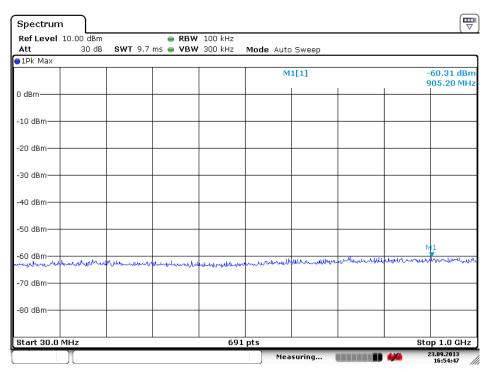


Date: 23.SEP.2013 16:17:32

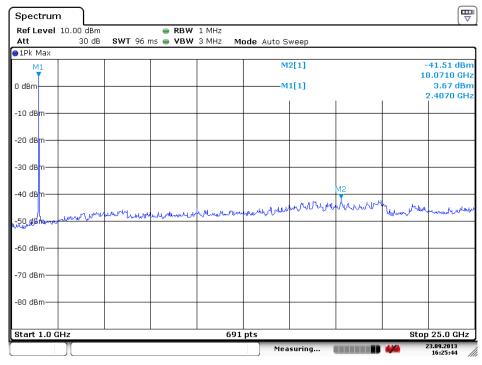




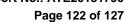
TX 802.11n Channel Low 2412MHz (20MHz)



Date: 23.SEP.2013 16:54:47

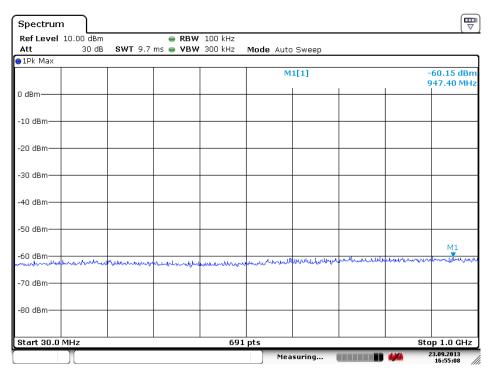


Date: 23.SEP.2013 16:25:44

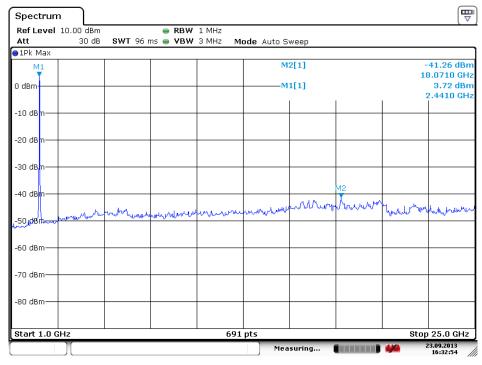




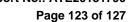
TX 802.11n Channel Middle 2437MHz (20MHz)



Date: 23.SEP.2013 16:55:08

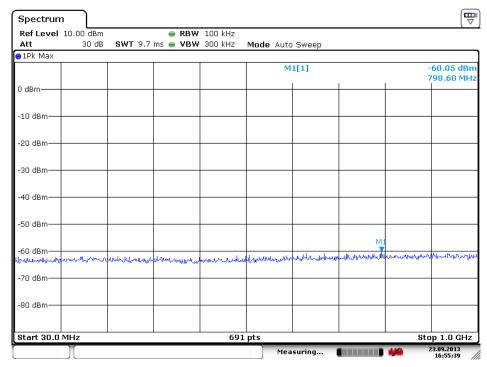


Date: 23.SEP.2013 16:32:54

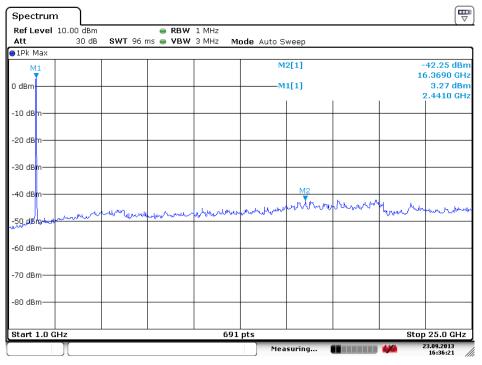




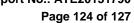
TX 802.11n Channel High 2462MHz (20MHz)



Date: 23.SEP.2013 16:55:39

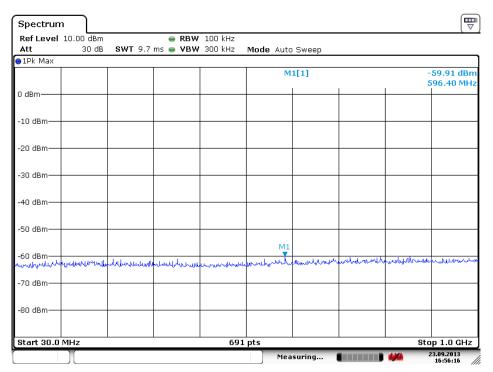


Date: 23.SEP.2013 16:36:20

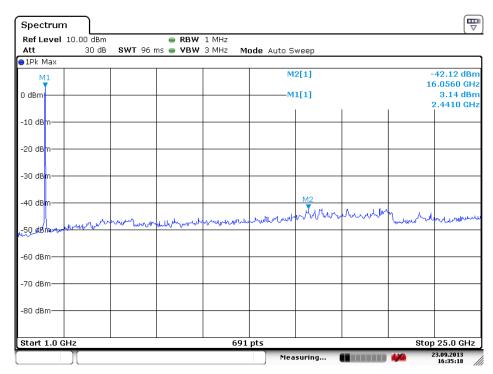




TX 802.11n Channel Low 2422MHz (40MHz)



Date: 23.SEP.2013 16:56:16

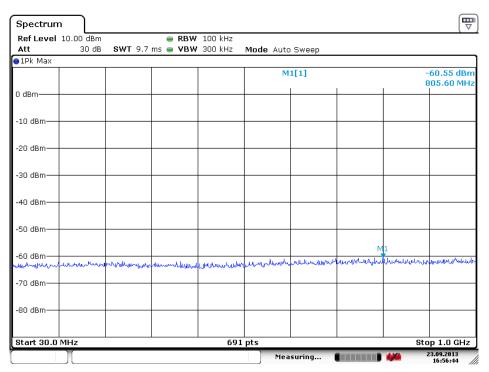


Date: 23.SEP.2013 16:35:18

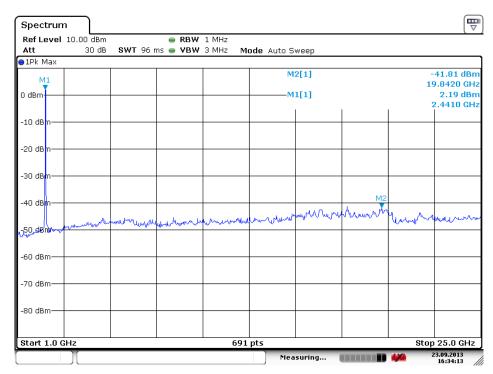
Page 125 of 127



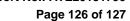
TX 802.11n Channel Middle 2437MHz (40MHz)



Date: 23.SEP.2013 16:56:44

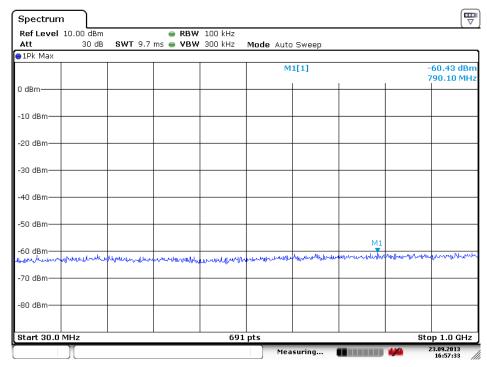


Date: 23.SEP.2013 16:34:13

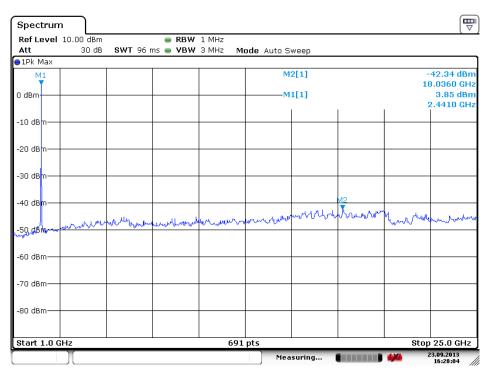




TX 802.11n Channel High 2452MHz (40MHz)



Date: 23.SEP.2013 16:57:32



Date: 23.SEP.2013 16:28:04



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.

