

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

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2567

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Mode: TX Channel 1 (802.11b)

PC721 Model: Manufacturer: Natural

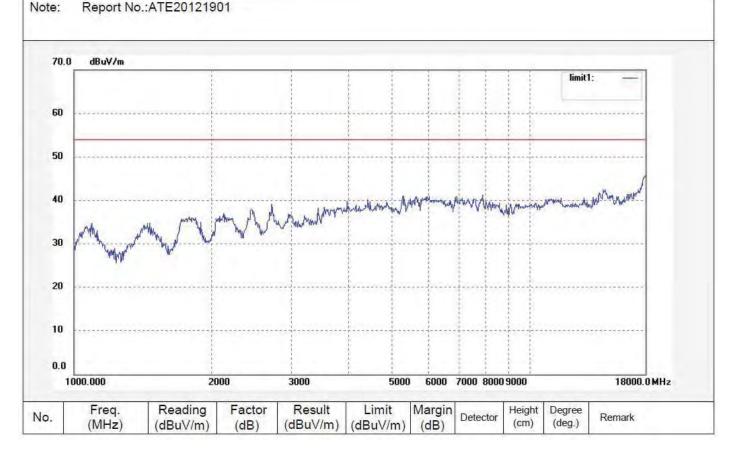
Report No.:ATE20121901

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 11:40:11

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2568

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Mode: TX Channel 1 (802.11b)

Model: PC721 Manufacturer: Natural

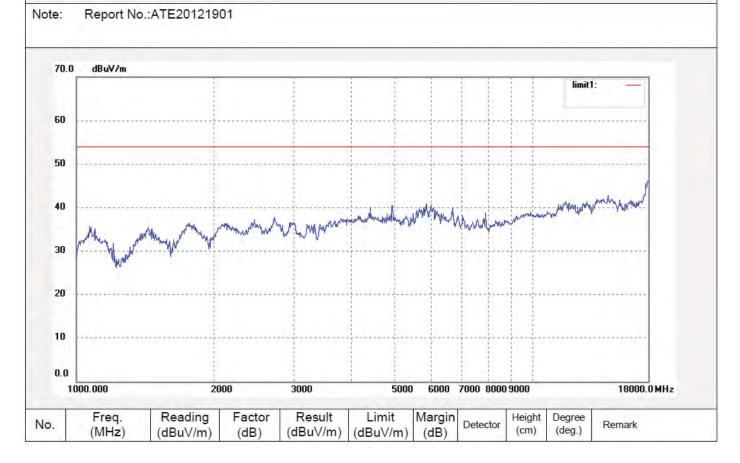
D0704

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 11:43:23

Engineer Signature: TOM





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

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2569

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Mode: TX Channel 6 (802.11b)

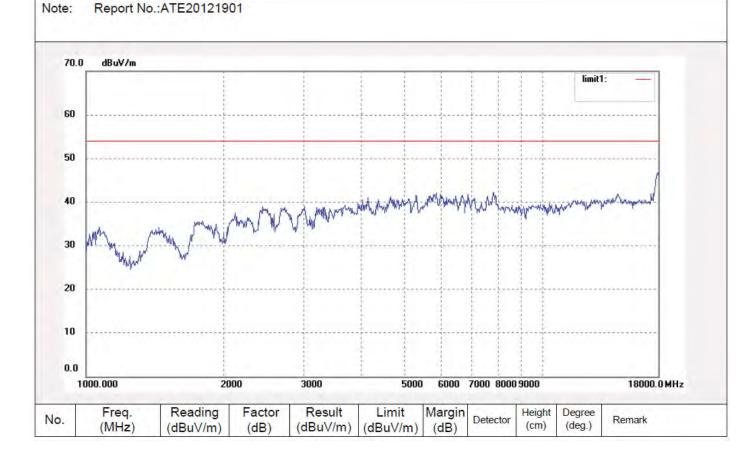
Model: PC721 Manufacturer: Natural

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 11:46:45

Engineer Signature: TOM





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

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2570

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Mode: TX Channel 6 (802.11b)

Model: Manufacturer: Natural

Note:

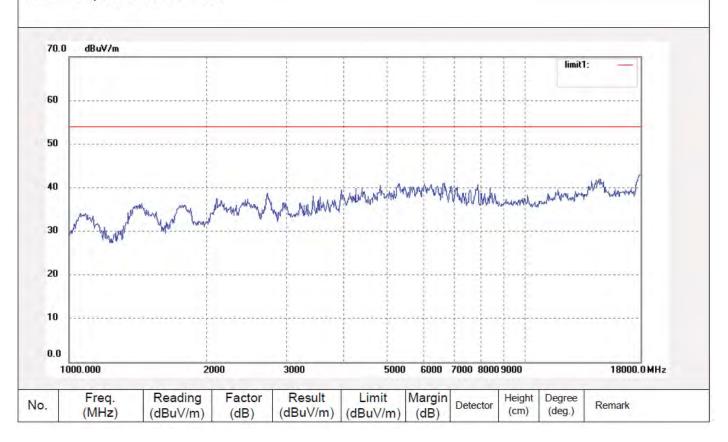
Report No.:ATE20121901

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 11:50:42

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2571

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Mode: TX Channel 11 (802.11b)

Model: PC721

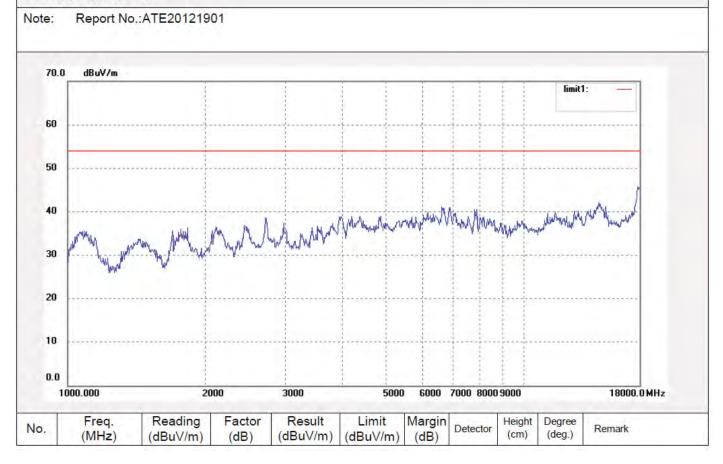
Manufacturer: Natural

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 11:53:36

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2572

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Mode: TX Channel 11 (802.11b)

Model: PC721 Manufacturer: Natural

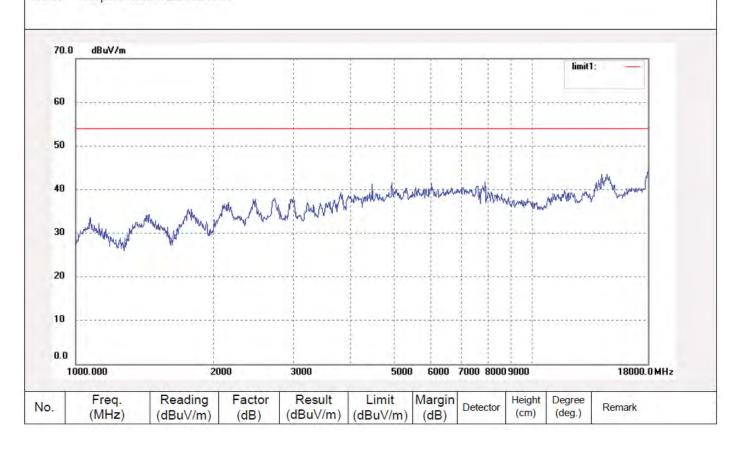
Note: Report No.:ATE20121901

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 11:56:56

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2573

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Mode: TX Channel 1 (802.11g)

Model: PC721

Manufacturer: Natural

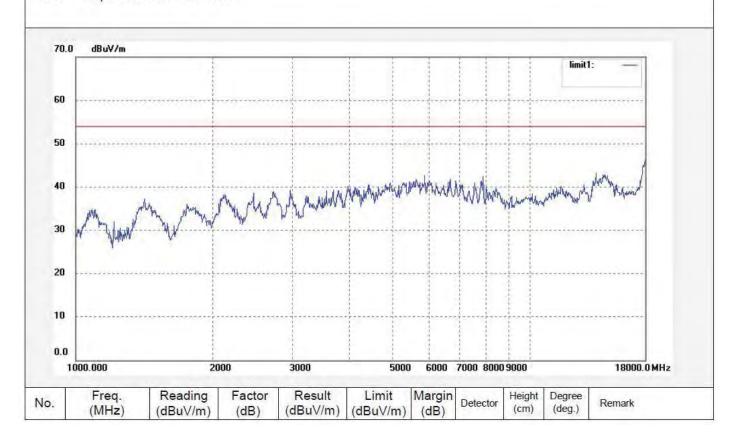
Note: Report No.:ATE20121901

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 12:01:35

Engineer Signature: TOM





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

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2574

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Mode: TX Channel 1 (802.11g)

PC721 Model: Manufacturer: Natural

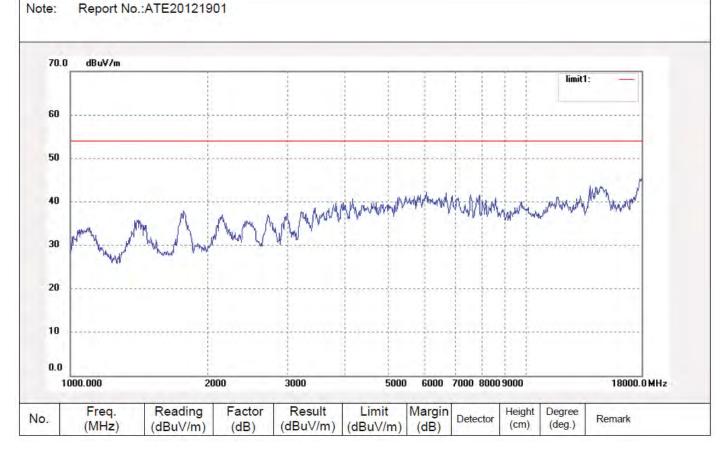
Report No.:ATE20121901

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 12:05:30

Engineer Signature: TOM





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

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2575

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Mode: TX Channel 6 (802.11g)

Model: PC721 Manufacturer: Natural

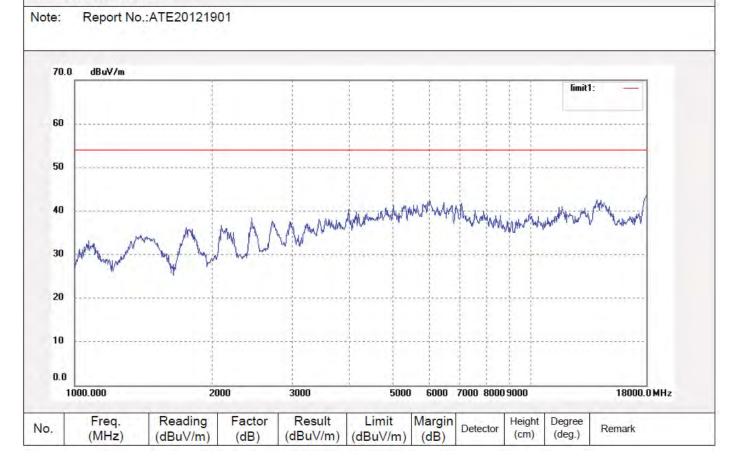
Power Source: AC 120V/60Hz

Horizontal

Date: 12/09/05/ Time: 12:09:47

Polarization:

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2576

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

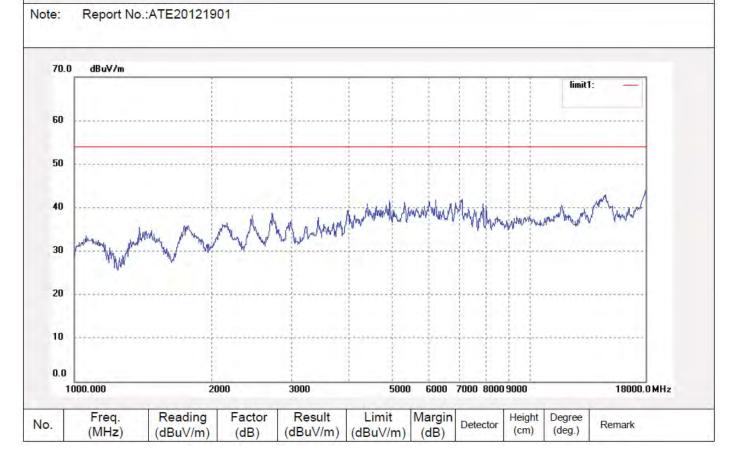
Mode: TX Channel 6 (802.11g)

Model: PC721 Manufacturer: Natural Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 12:13:30

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2577

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Mode: TX Channel 11 (802.11g)

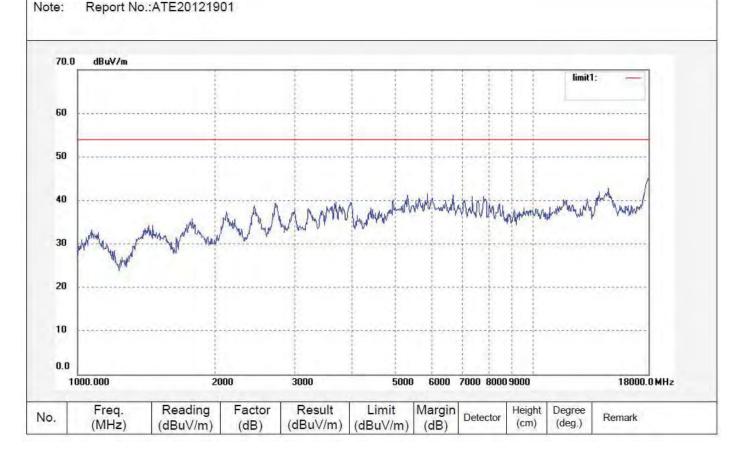
Model: PC721 Manufacturer: Natural

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 12:15:47

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2578

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Mode: TX Channel 11 (802.11g)

Model: PC721 Manufacturer: Natural

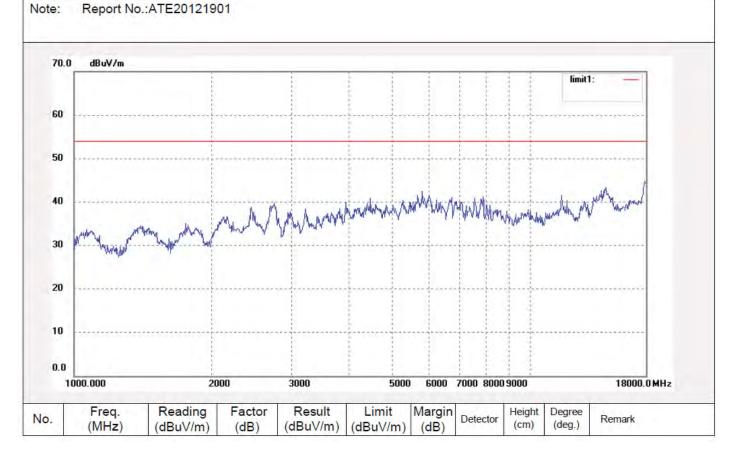
luracturer: Natural

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 12:18:54

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2579

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

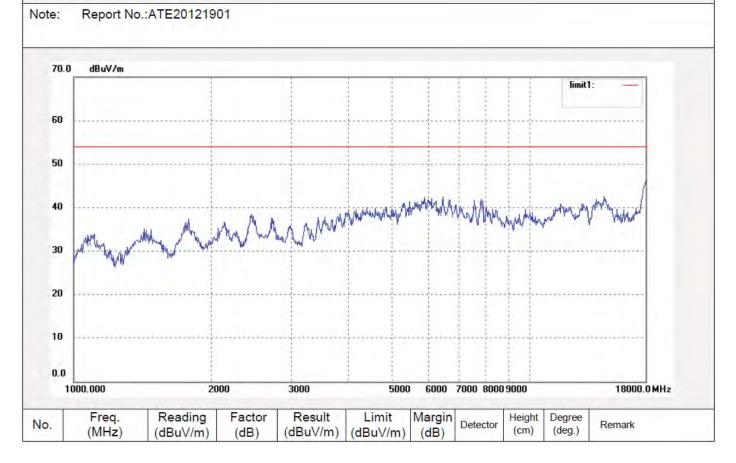
Mode: TX Channel 1 (802.11n)

Model: PC721 Manufacturer: Natural Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 12:21:30

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2580

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Mode: TX Channel 1 (802.11n)

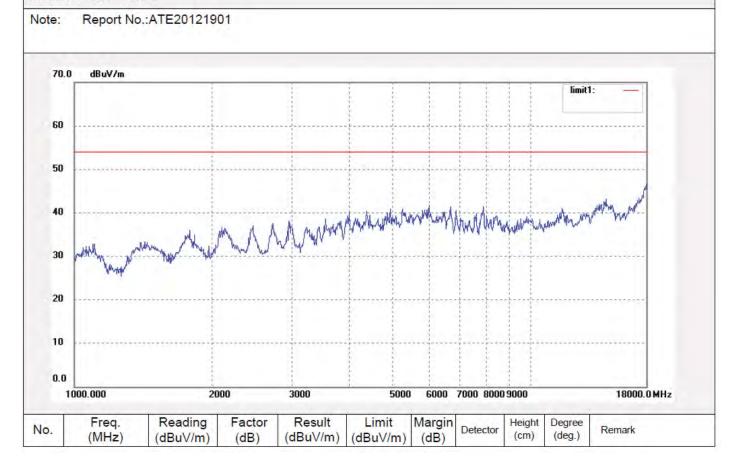
Model: PC721
Manufacturer: Natural

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 12:23:06

Engineer Signature: TOM





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

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2581

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Mode: TX Channel 6 (802.11n)

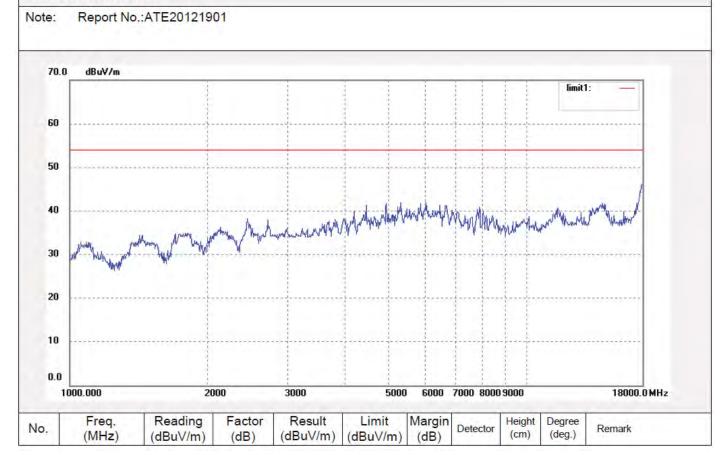
Model: PC721 Manufacturer: Natural

Power Source: AC 120V/60Hz Date: 12/09/05/

Polarization: Vertical

Time: 12:26:47

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2582

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Mode: TX Channel 6 (802.11n)

Model: PC721

Manufacturer: Natural

Note:

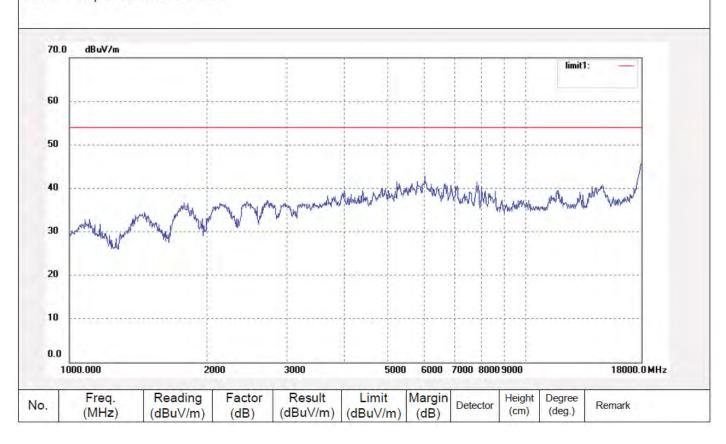
Report No.:ATE20121901

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 12:29:53

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2583

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

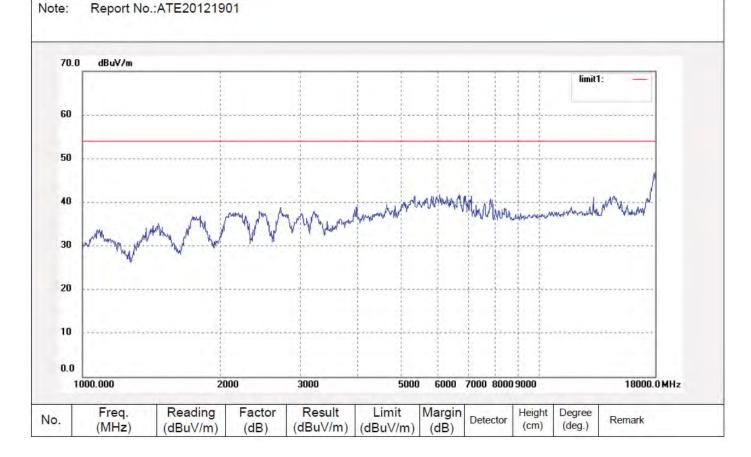
Mode: TX Channel 11 (802.11n)

Model: PC721 Manufacturer: Natural Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 12:33:17

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2584

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Mode: TX Channel 11 (802.11n)

Model: PC721 Manufacturer: Natural

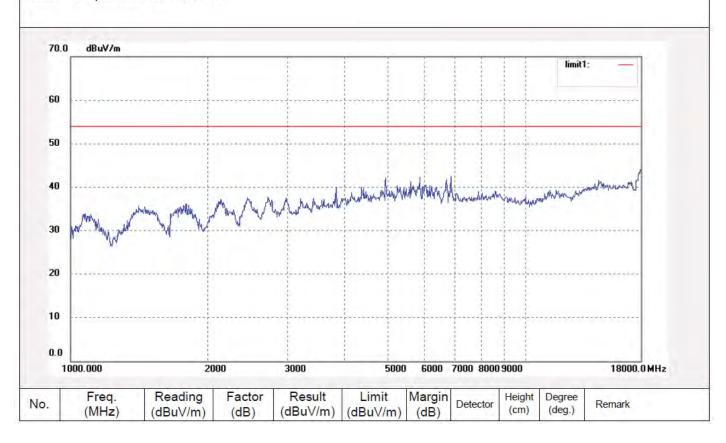
Note: Report No.:ATE20121901

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 12:36:07

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2585

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: MID

Mode: TX Channel 3(802.11n)

Model: PC721 Manufacturer: Natural

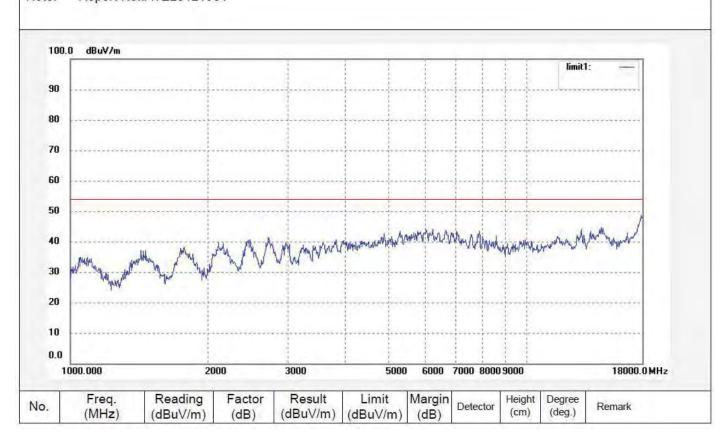
Note: Report No.:ATE20121901

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 9/15/37

Engineer Signature: TOM





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

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2586

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: MID

Mode: TX Channel 3(802.11n)

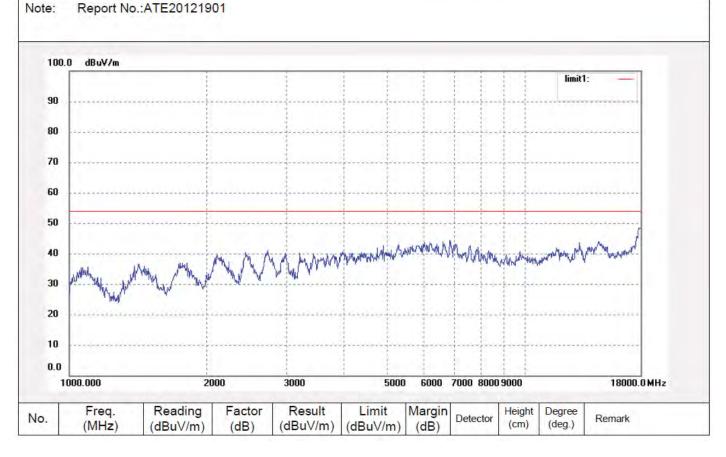
Model: PC721 Manufacturer: Natural

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 9/18/19

Engineer Signature: TOM





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

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2587

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: MID

Mode: TX Channel 6(802.11n)

Model: Manufacturer: Natural

Note:

PC721

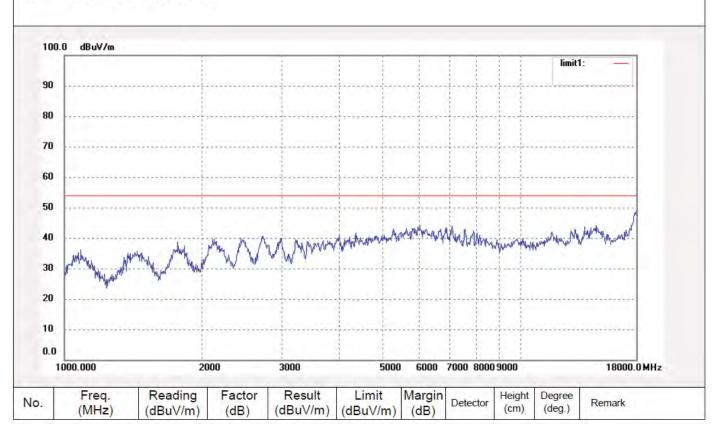
Report No.:ATE20121901

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 9/22/38

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2588

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: MID

Mode: TX Channel 6(802.11n)

Model: PC721 Manufacturer: Natural

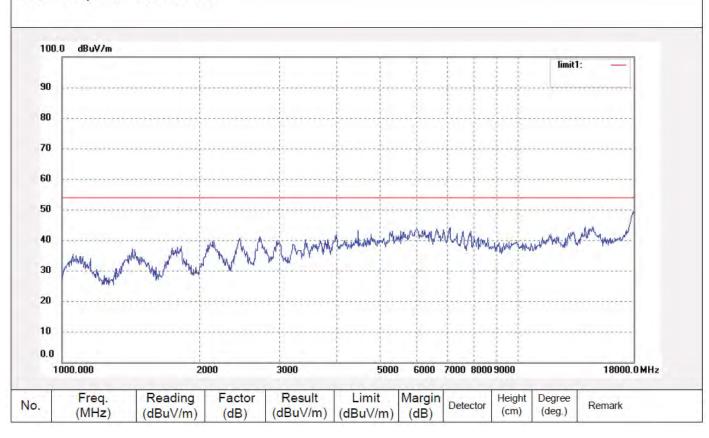
Note: Report No.:ATE20121901

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 9/25/22

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2589

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: MID

Mode: TX Channel 9(802.11n)

Model: PC721 Manufacturer: Natural

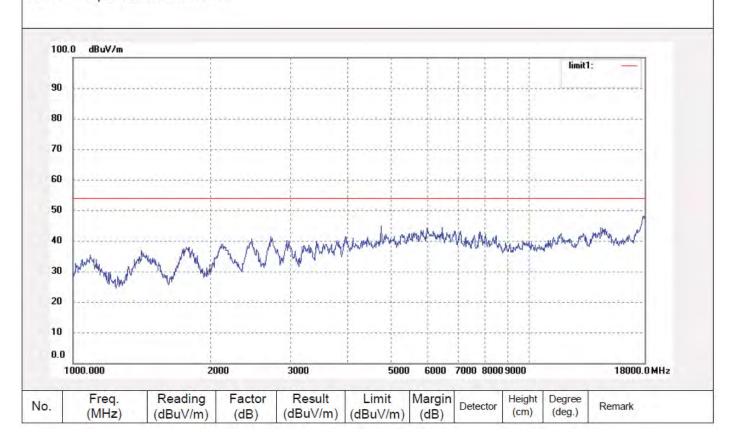
Note: Report No.:ATE20121901

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 9/28/51

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #2590

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 51 %

EUT: MID

Mode: TX Channel 9(802.11n)

Model: PC721 Manufacturer: Natural

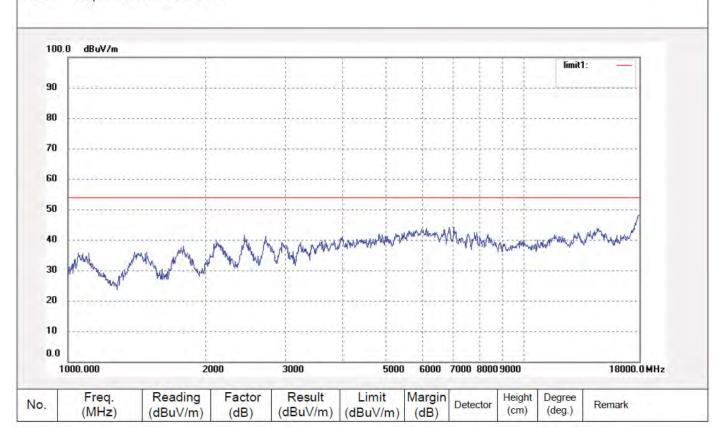
Note: Report No.:ATE20121901

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/05/ Time: 9/32/54

Engineer Signature: TOM





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

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #1601

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT:

Mode: TX Channel 1 (802.11b)

Model: PC721 Manufacturer: Natural

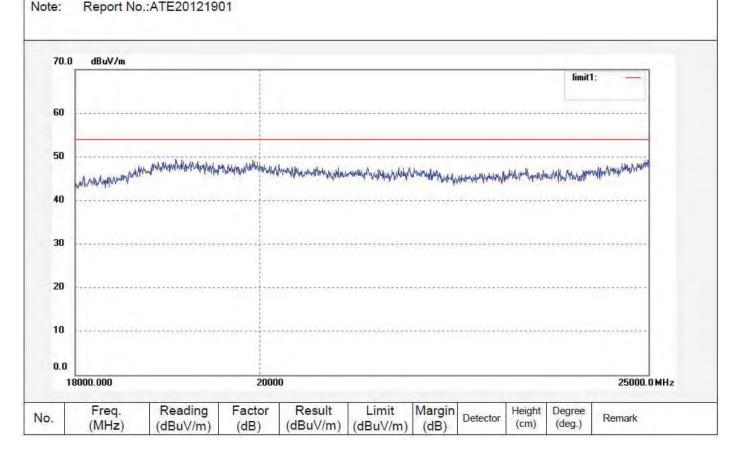
Report No.:ATE20121901

Horizontal Polarization:

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 10:05:15

Engineer Signature: TOM





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

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #1602

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: MID

Note:

Mode: TX Channel 1 (802.11b)

Model: PC721 Manufacturer: Natural

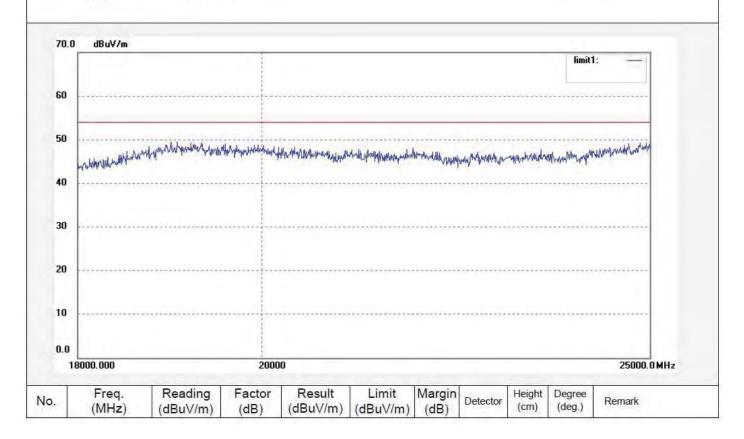
Report No.:ATE20121901

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 10:09:22

Engineer Signature: TOM





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

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #1603

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: MID

Mode: TX Channel 6 (802.11b)

Model: PC721 Manufacturer: Natural

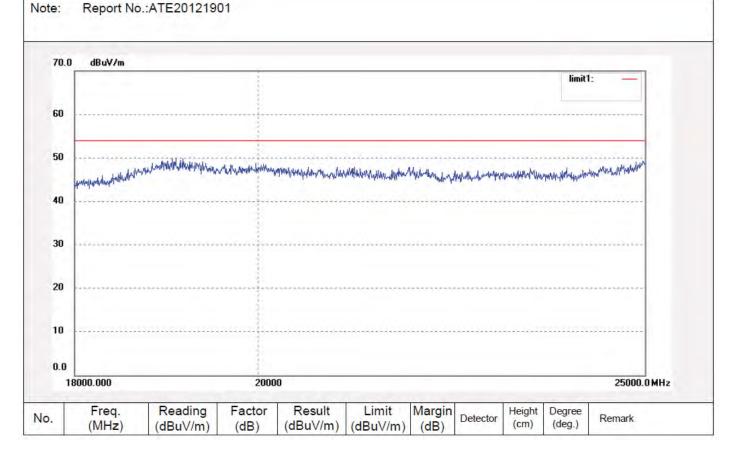
Report No.:ATE20121901

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 10:14:45

Engineer Signature: TOM





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

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #1604

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT:

Mode: TX Channel 6 (802.11b)

Model: PC721 Manufacturer: Natural

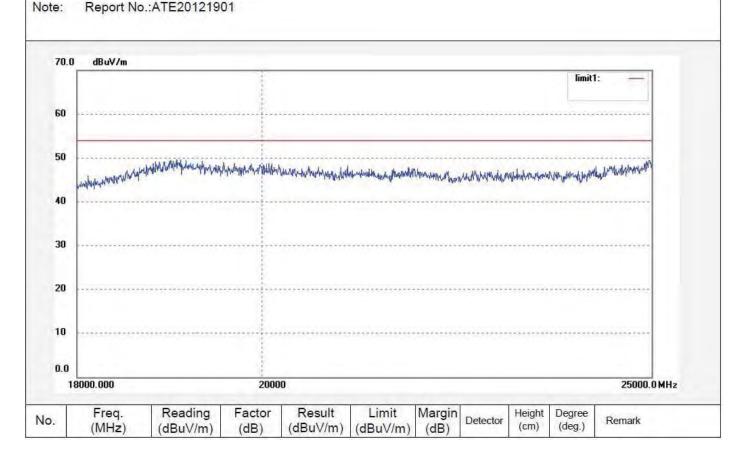
Report No.:ATE20121901

Horizontal Polarization:

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 10:18:36

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #1605

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: MID

Mode: TX Channel 11 (802.11b)

Model: PC721 Manufacturer: Natural

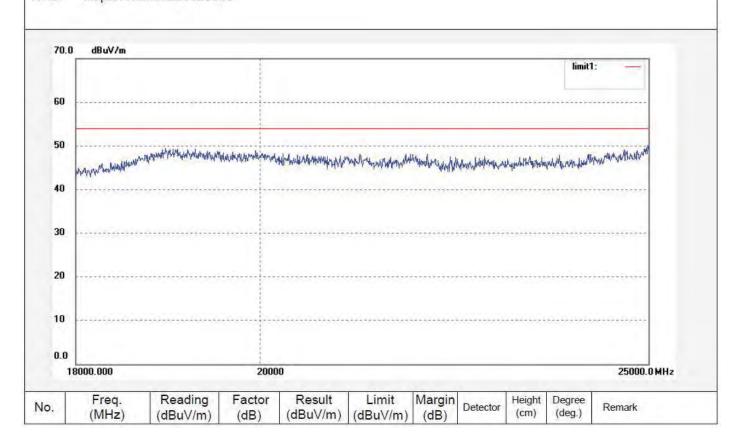
Note: Report No.:ATE20121901

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 10:23:55

Engineer Signature: TOM





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

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #1606

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: MID

Mode:

Model: PC721 Manufacturer: Natural

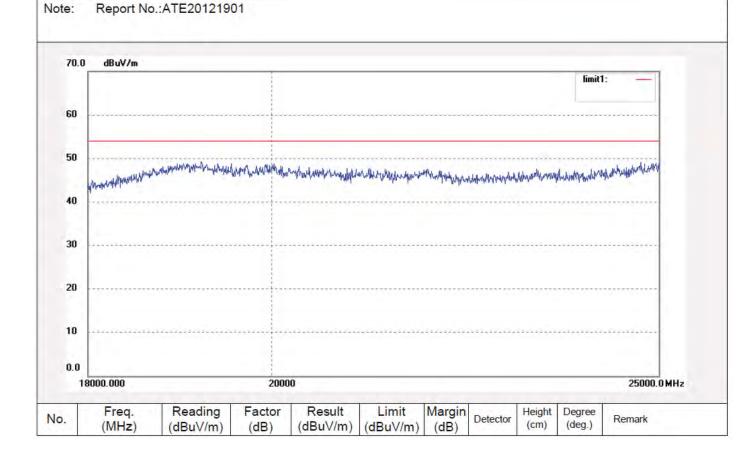
TX Channel 11 (802.11b)

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 10:27:11

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #1607

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: MID

Note:

Mode: TX Channel 1 (802.11g)

Model: PC721 Manufacturer: Natural

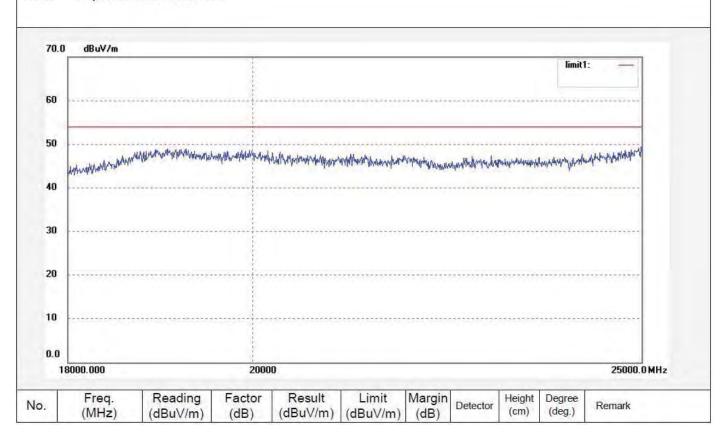
Report No.:ATE20121901

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 10:32:05

Engineer Signature: TOM





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

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #1608

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: MID

Note:

Mode: TX Channel 1 (802.11g)

Model: Manufacturer: Natural

PC721

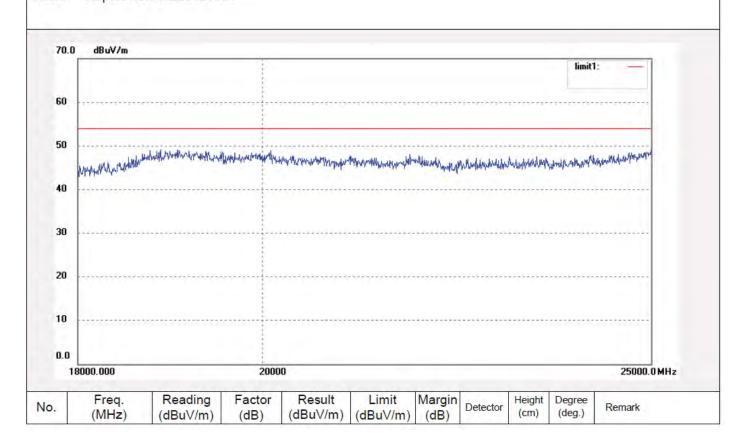
Report No.:ATE20121901

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 10:35:56

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #1609

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: MID

Mode: TX Channel 6 (802.11g)

Model: PC721 Manufacturer: Natural

Note:

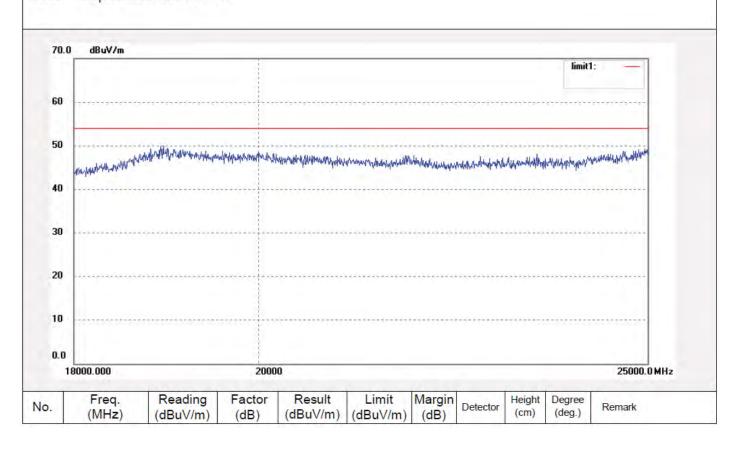
Report No.:ATE20121901

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 10:38:38

Engineer Signature: TOM





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

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #1610

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: MID

Mode: TX Channel 6 (802.11g)

PC721 Model: Manufacturer: Natural

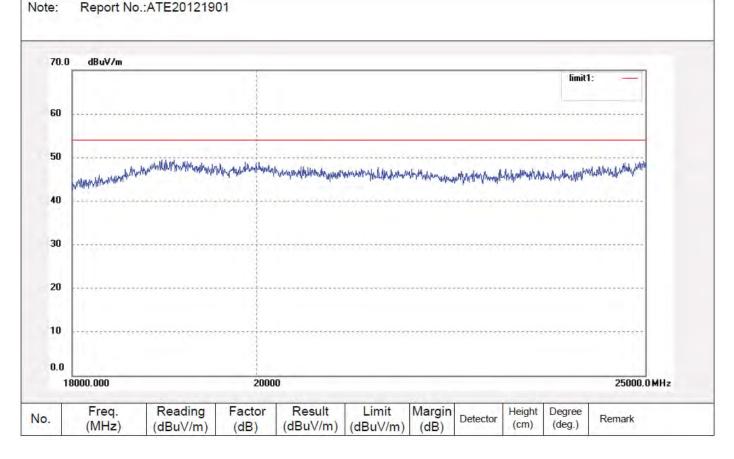
Report No.:ATE20121901

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 10:43:17

Engineer Signature: TOM





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

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #1611

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: MID

Mode:

PC721 Model: Manufacturer: Natural

TX Channel 11 (802.11g)

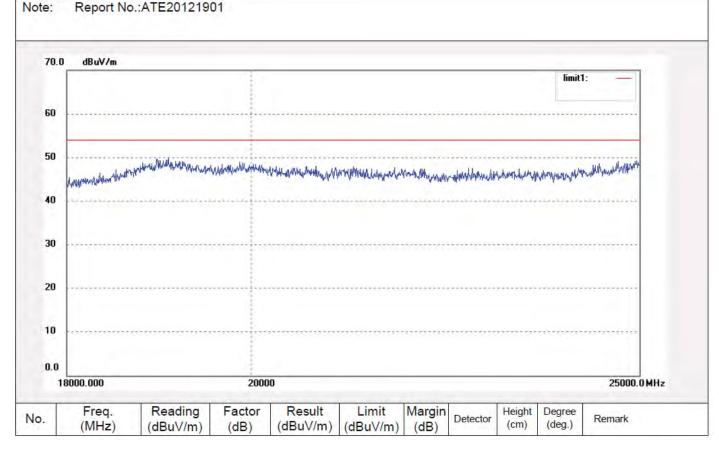
Report No.:ATE20121901

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 10:47:55

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #1612

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: MID

Mode: TX Channel 11 (802.11g)

Model: PC721 Manufacturer: Natural

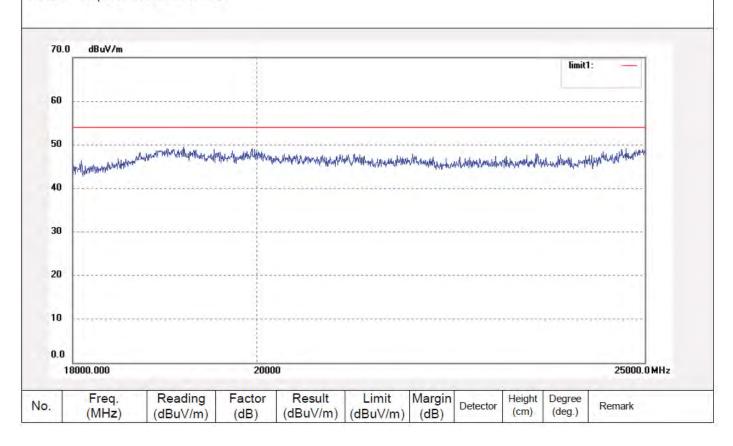
Note: Report No.:ATE20121901

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 10:50:47

Engineer Signature: TOM





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

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #1613

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Mode: TX Channel 11 (802.11n)

PC721 Model: Manufacturer: Natural

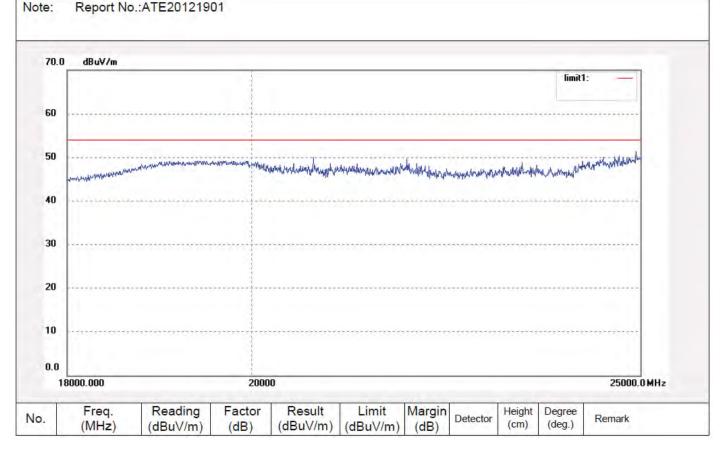
Report No.:ATE20121901

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 10:53:17

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #1614

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Mode: TX Channel 11 (802.11n)

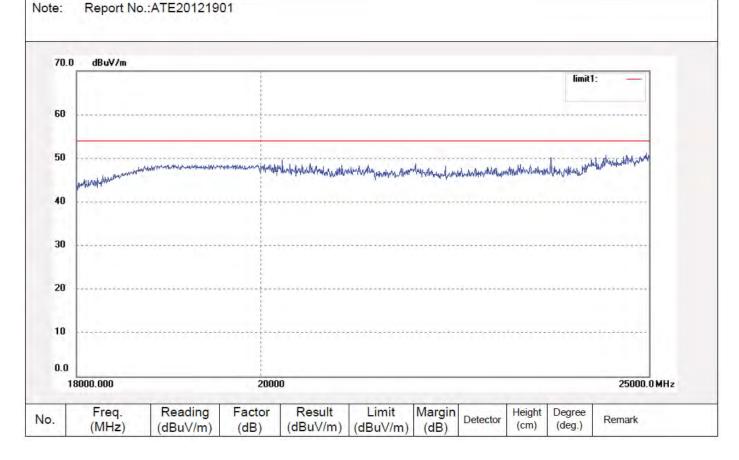
Model: PC721 Manufacturer: Natural

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 10:57:05

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #1615

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Mode: TX Channel 6 (802.11n)

Model: PC721 Manufacturer: Natural

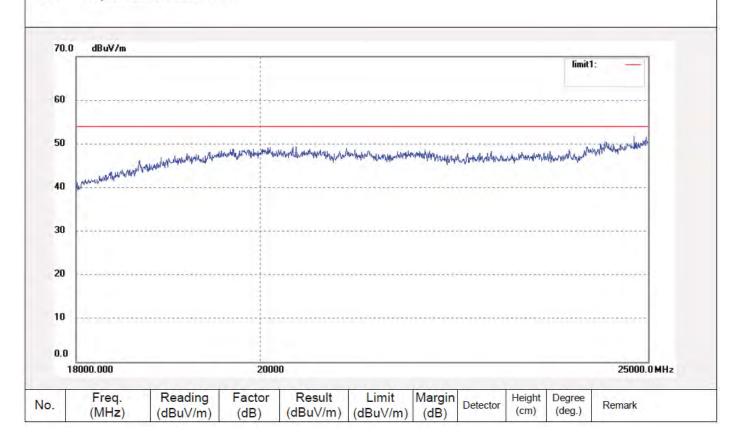
Note: Report No.:ATE20121901

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 11:02:36

Engineer Signature: TOM





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

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #1616

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Mode: TX Channel 6 (802.11n)

Model: Manufacturer: Natural

PC721

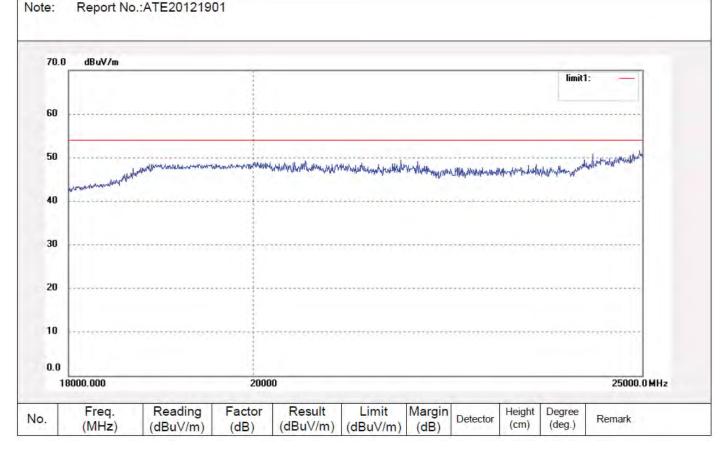
Report No.:ATE20121901

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 11:05:58

Engineer Signature: TOM





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

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #1617

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Mode: TX Channel 1 (802.11n)

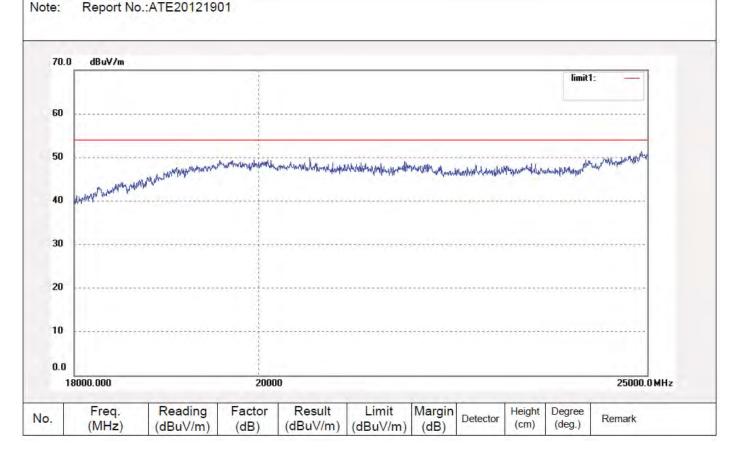
Model: PC721 Manufacturer: Natural

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 11:09:37

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #1618

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: MID

Note:

Mode: TX Channel 1 (802.11n)

Model: PC721 Manufacturer: Natural

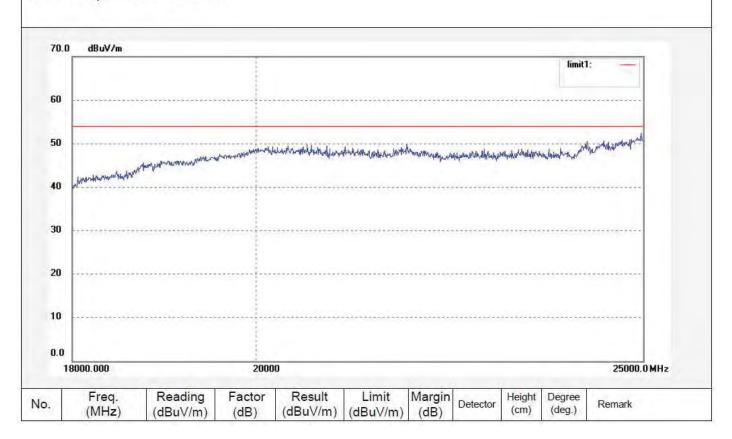
Report No.:ATE20121901

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 11:14:41

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #5916

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: MID

Note:

Mode: TX Channel 3 (802.11n)

Model: PC721 Manufacturer: Natural

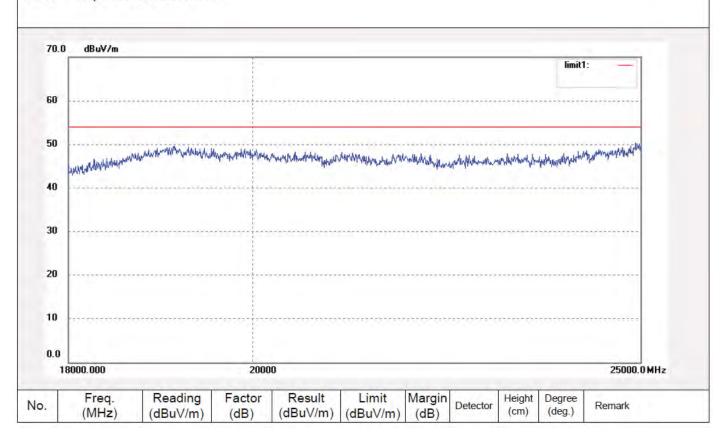
Report No.:ATE20121901

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 11:52:09

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #5917

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: MID

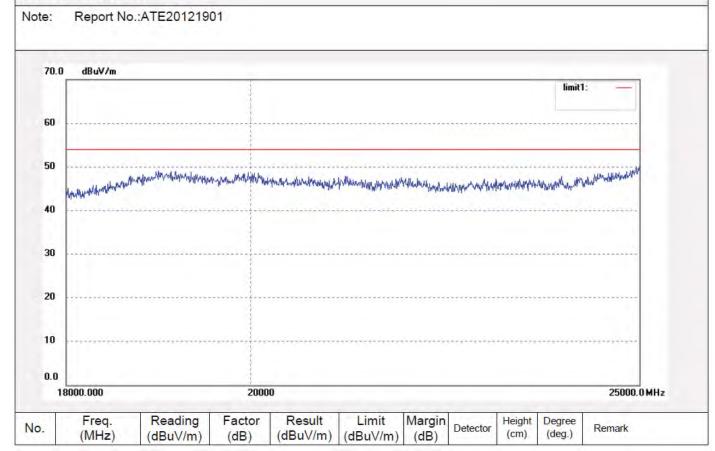
Mode: TX Channel 3 (802.11n)

Model: PC721 Manufacturer: Natural Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 11:56:43

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #5918

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: MID

Mode: TX Channel 6 (802.11n)

Model: PC721 Manufacturer: Natural

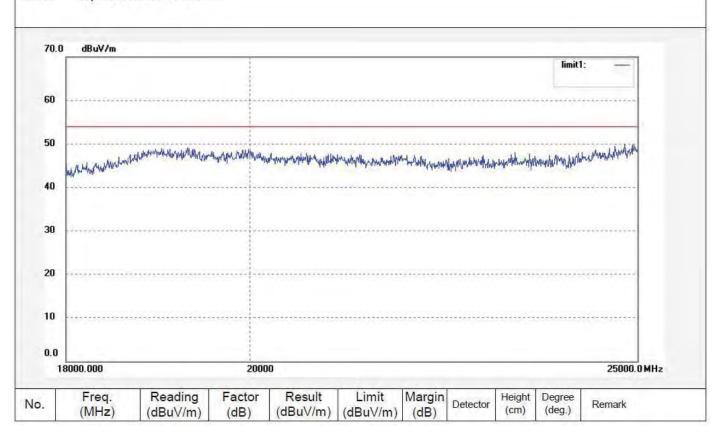
Note: Report No.:ATE20121901

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 12:01:19

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #5919

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: MID

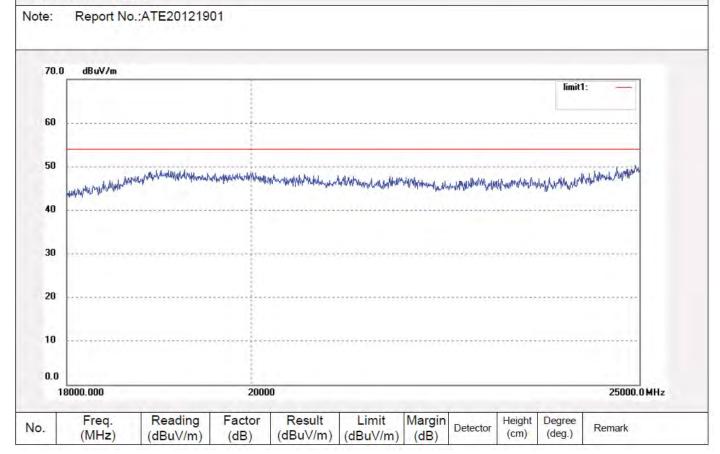
Mode: TX Channel 6 (802.11n)

Model: PC721 Manufacturer: Natural Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 12:05:30

Engineer Signature: TOM





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #5920

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: MID

Mode: TX Channel 9 (802.11n)

Model: PC721 Manufacturer: Natural

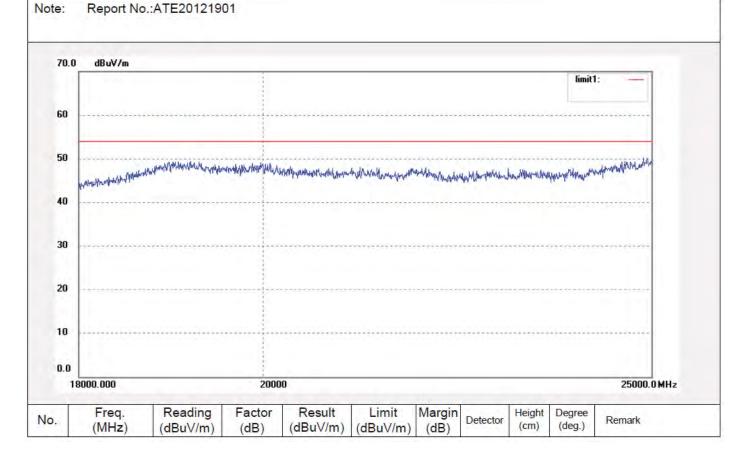
lacturer. Natural

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 12:10:41

Engineer Signature: TOM





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

Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: TOM #5921

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT:

Mode: TX Channel 9 (802.11n)

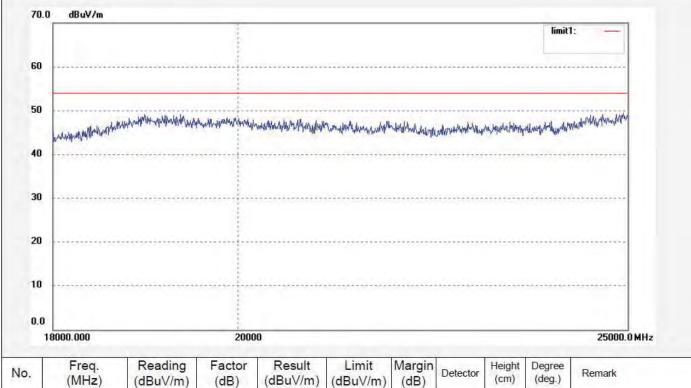
Model: PC721 Manufacturer: Natural Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/09/04/ Time: 12:15:08

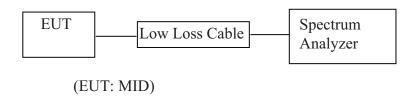
Engineer Signature: TOM





10. CONDUCTED SPURIOUS EMISSION COMPLIANCE TEST

10.1.Block Diagram of Test Setup



10.2. 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).

10.3.EUT Configuration on Measurement

The following 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.

10.3.1. MID (EUT)

Model Number : PC721 Serial Number : N/A

Manufacturer : Shenzhen Natural Sound Electronics Co., Ltd

10.4.Operating Condition of EUT

- 10.4.1. Setup the EUT and simulator as shown as Section 10.1.
- 10.4.2. Turn on the power of all equipment.
- 10.4.3.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.

10.5.Test Procedure

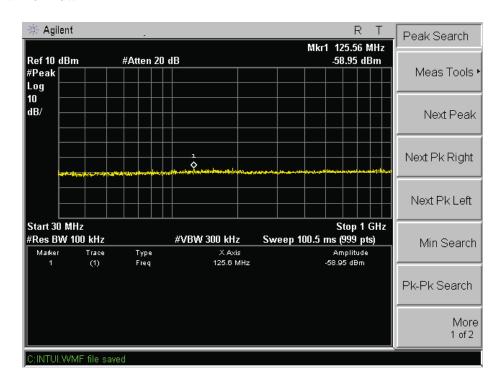
- 10.5.1. The transmitter output was connected to the spectrum analyzer via a low loss cable.
- 10.5.2.Set RBW of spectrum analyzer to 100 kHz and VBW to 300 kHz.
- 10.5.3. The Conducted Spurious Emission was measured and recorded.

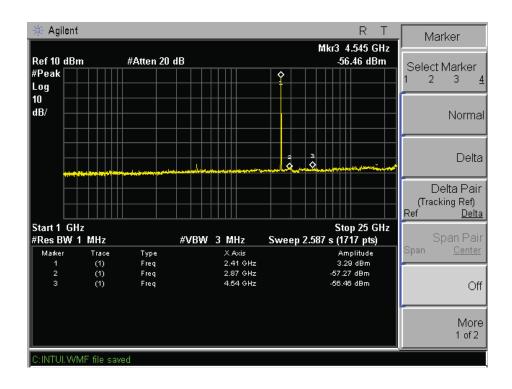
10.6.Test Result

Pass.

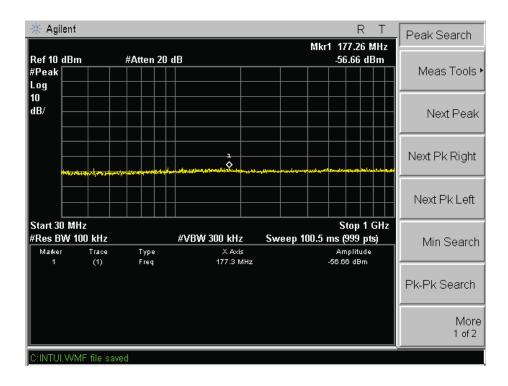
The spectrum analyzer plots are attached as below.

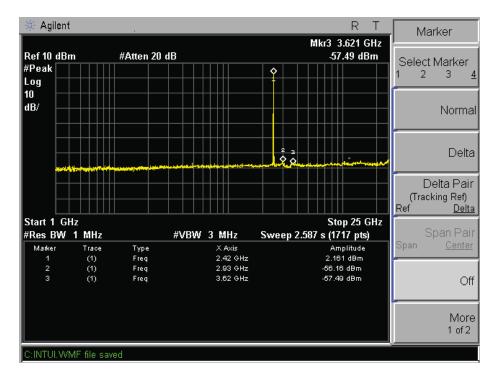
TX 802.11b Channel Low 2412MHz



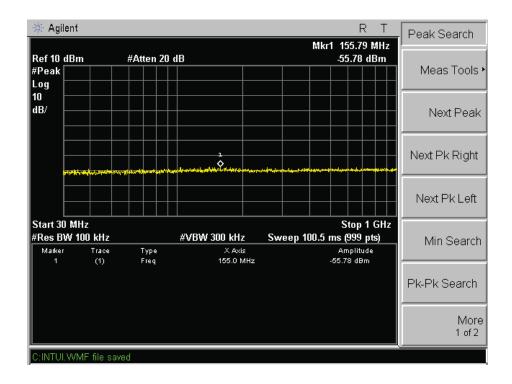


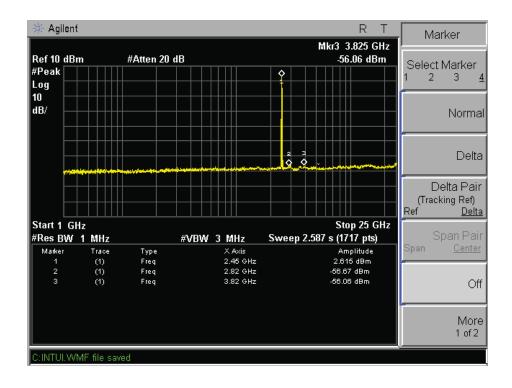
TX 802.11b Channel Middle 2437MHz



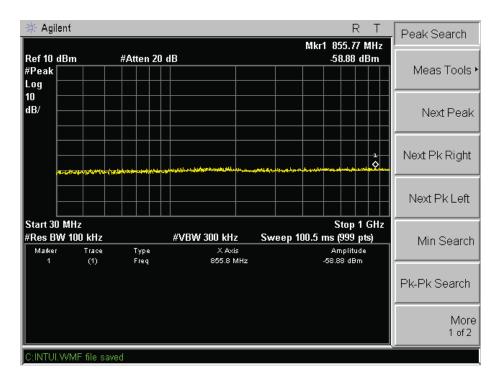


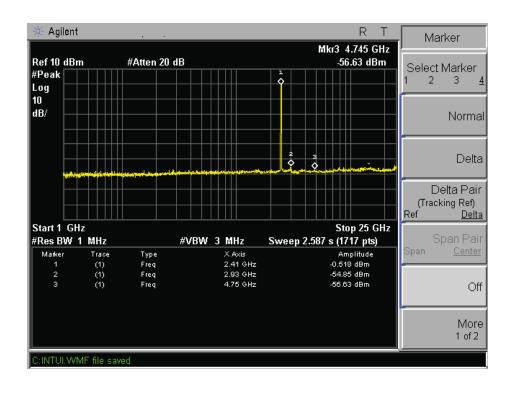
TX 802.11b Channel High 2462MHz



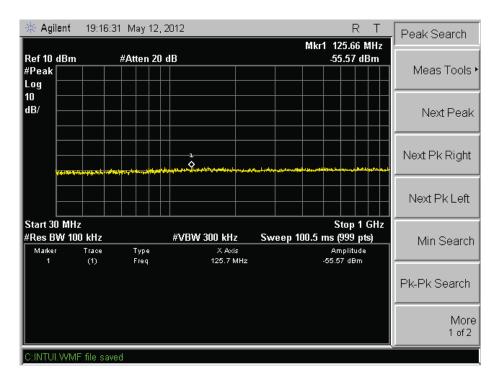


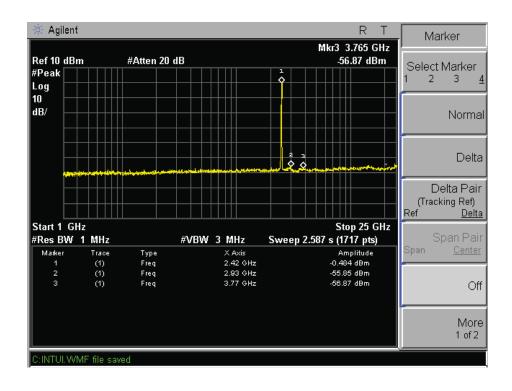
TX 802.11g Channel Low 2412MHz



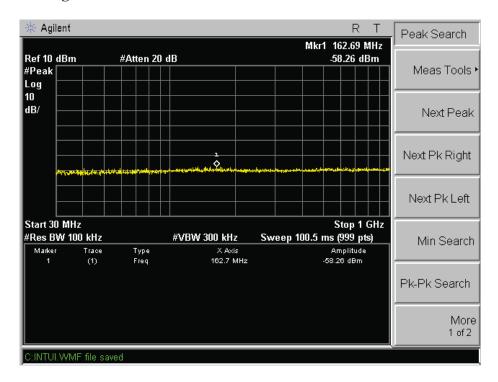


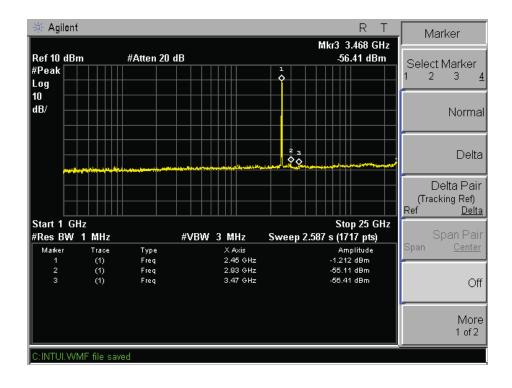
TX 802.11g Channel Middle 2437MHz



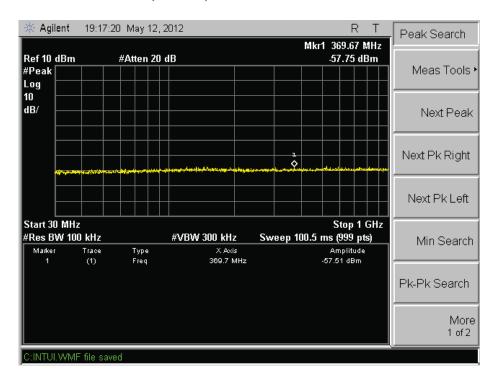


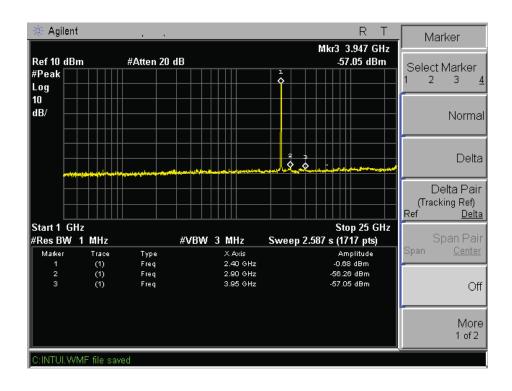
TX 802.11g Channel High 2462MHz



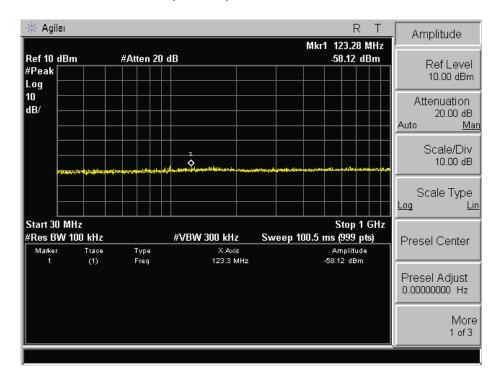


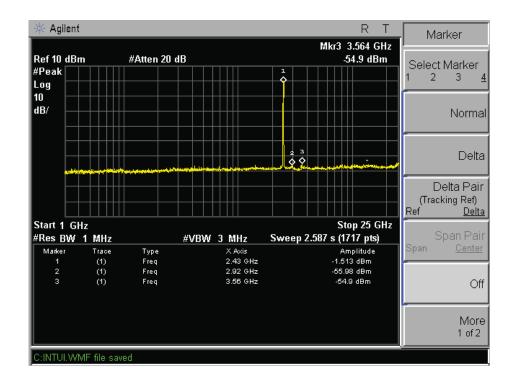
TX 802.11n Channel Low 2412MHz (20MHz)



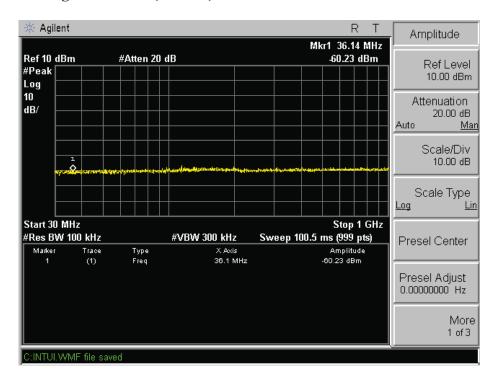


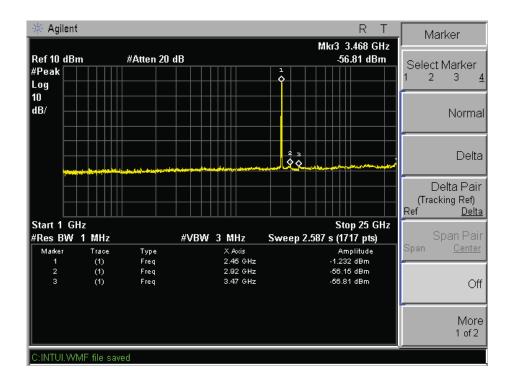
TX 802.11n Channel Middle 2437MHz (20MHz)



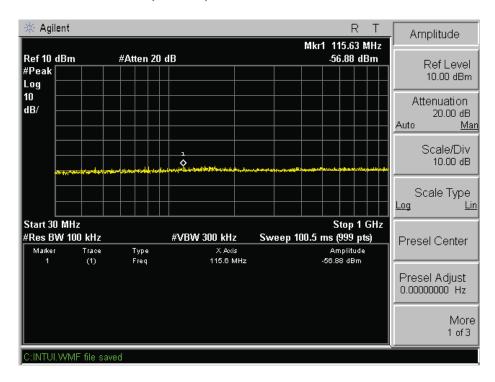


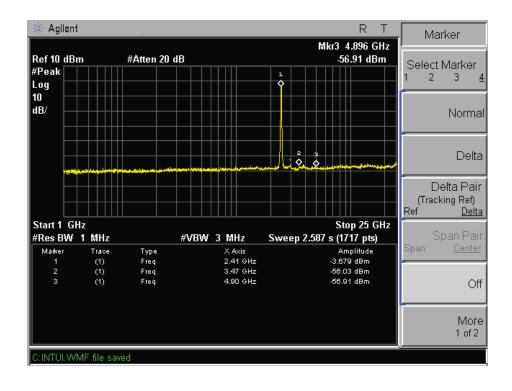
TX 802.11n Channel High 2462MHz (20MHz)



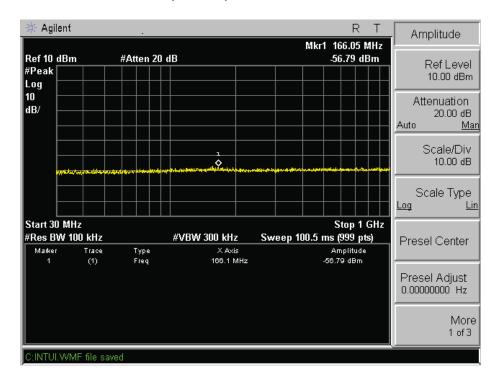


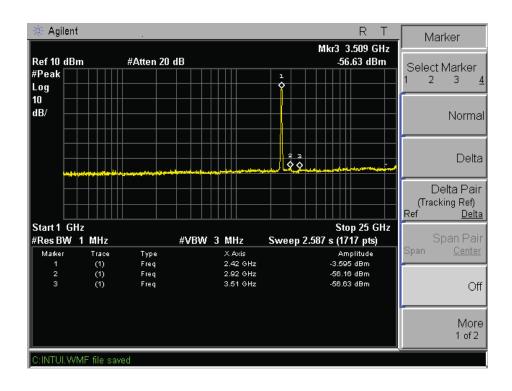
TX 802.11n Channel Low 2422MHz (40MHz)



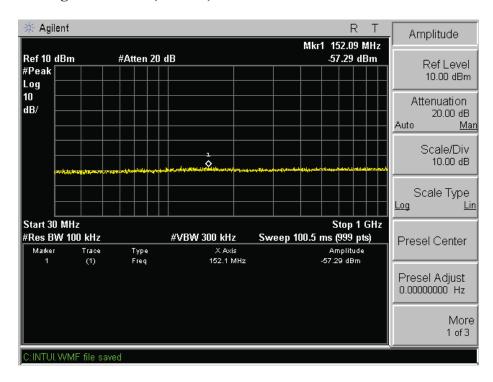


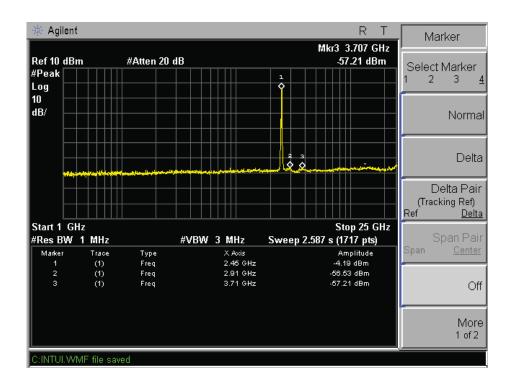
TX 802.11n Channel Middle 2437MHz (40MHz)





TX 802.11n Channel High 2452MHz (40MHz)

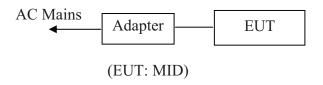




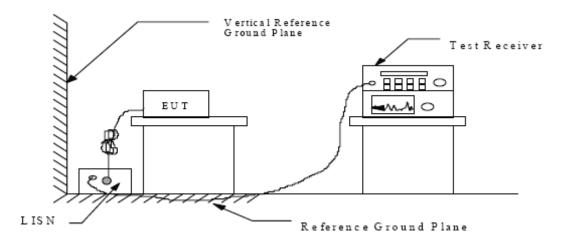
11.AC POWER LINE CONDUCTED EMISSION FOR FCC PART 15 SECTION 15.207(A)

11.1.Block Diagram of Test Setup

11.1.1.Block diagram of connection between the EUT and simulators



11.1.2.Shielding Room Test Setup Diagram



(EUT: MID)

11.2. The Emission Limit

11.2.1.Conducted Emission Measurement Limits According to Section 15.207(a)

Frequency	Limit dB(μV)					
(MHz)	Quasi-peak Level	Average Level				
0.15 - 0.50	66.0 - 56.0 *	56.0 – 46.0 *				
0.50 - 5.00	56.0	46.0				
5.00 - 30.00	60.0	50.0				

^{*} Decreases with the logarithm of the frequency.

11.3. Configuration of EUT on Measurement

The following equipment are installed on the Conducted Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

11.3.1. MID (EUT)

Model Number : PC721 Serial Number : N/A

Manufacturer : Shenzhen Natural Sound Electronics Co., Ltd

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 (Operation) mode measure it.

11.5.Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4: 2003 on Conducted Emission Measurement.

The bandwidth of test receiver (R & S ESCS30) is set at 9 kHz.

The frequency range from 150 kHz to 30MHz is checked.

11.6.Power Line Conducted Emission Measurement Results **PASS.**

The frequency range from 150 kHz to 30MHz is checked.

Date of Test: Aug 24, 2012

EUT: MID

Model No.: PC721

Temperature: 25°C

Humidity: 50%

AC 120V/60Hz

Test Mode: operation Test Engineer: Tom

Frequency	Result	Limit	Margin	Detector	Line
(MHz)	(dBµV)	(dBµV)	(dB)		
0.525384	29.60	56	26.4	QP	
0.941021	29.10	56	26.9	QP	
5.695130	26.00	60	34.0	QP	NItu-1
0.371231	24.10	49	24.4	AV	Neutral
0.882795	22.40	46	23.6	AV	
5.428740	19.90	50	30.1	AV	
0.504824	32.20	56	23.8	QP	
0.886326	29.30	56	26.7	QP	
5.740782	23.50	60	36.5	QP	T .
0.496827	22.10	46	24.0	AV	Live
0.886326	17.60	46	28.4	AV	
5.560340	14.00	50	36.0	AV	

Emissions attenuated more than 20 dB below the permissible value are not reported. The spectral diagrams are attached as below.

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: MID M/N:PC721
Manufacturer: Natural
Operating Condition: Operation

Test Site: 1#Shielding Room

Operator: TOM

Test Specification: N 120V/60Hz

Comment: Report No.:ATE20121900 Start of Test: 8/24/2012 / 8:59:35AM

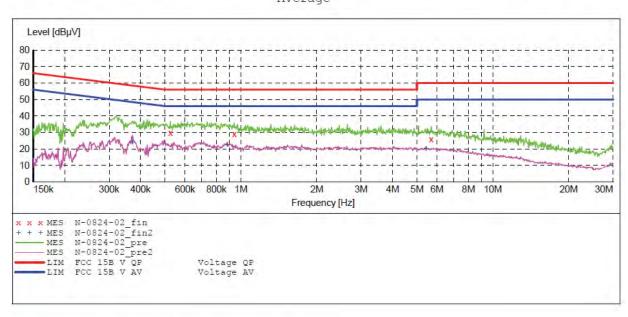
SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Stop Step Detector Meas. IF Transducer

Frequency Frequency Width Time Bandw.
150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008

Average



MEASUREMENT RESULT: "N-0824-02 fin"

8	/24/2012 9:0	1AM						
	Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
	0.525384	29.60	12.0	56	26.4	QP	N	GND
	0.941021	29.10	11.8	56	26.9	QP	N	GND
	5.695130	26.00	11.4	60	34.0	QP	N	GND

MEASUREMENT RESULT: "N-0824-02 fin2"

8,	24/2012 9:0	1AM						
	Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
	0.371231	24.10	11.8	49	24.4	AV	N	GND
	0.882795	22.40	11.9	46	23.6	AV	N	GND
	5.428740	19.90	11.4	50	30.1	AV	N	GND

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: MID M/N:PC721 Manufacturer: Natural Operating Condition: Operation

Test Site: 1#Shielding Room

TOM Operator:

Test Specification: L 120V/60Hz

Comment: Report No.: ATE20121900 Start of Test: 8/24/2012 / 8:56:02AM

SCAN TABLE: "V 150K-30MHz fin"

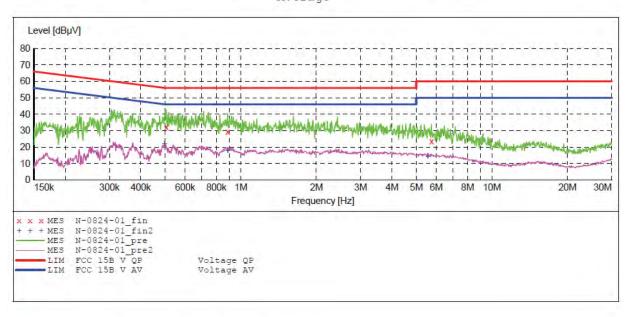
_SUB_STD_VTERM2 1.70 Short Description:

Stop Step Detector Meas. IF Transducer

Time Bandw.

Frequency Frequency Width 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008

Average



MEASUREMENT RESULT: "N-0824-01 fin"

8/24/2012 8	:58AM						
Frequency MHz		Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.504824	32.20	12.0	56	23.8	QP	L1	GND
0.886326	29.30	11.9	56	26.7	QP	L1	GND
5.740782	23.50	11.4	60	36.5	QP	L1	GND

MEASUREMENT RESULT: "N-0824-01 fin2"

8/24/2012 8	:58AM						
Frequency MHz		Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.496827	22.10	12.0	46	24.0	AV	L1	GND
0.886326	17.60	11.9	46	28.4	AV	L1	GND
5.560340	14.00	11.4	50	36.0	AV	L1	GND

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 unique antenna, which isn't displaced by other antenna. Therefore, the equipment complies with the antenna requirement of Section 15.203.



Antenna