

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.: RUCKY5 #23

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet

Mode: TX802.11N40 (CH9)

Model: EPG114

Manufacturer: E-matil

Polarization: Vertical

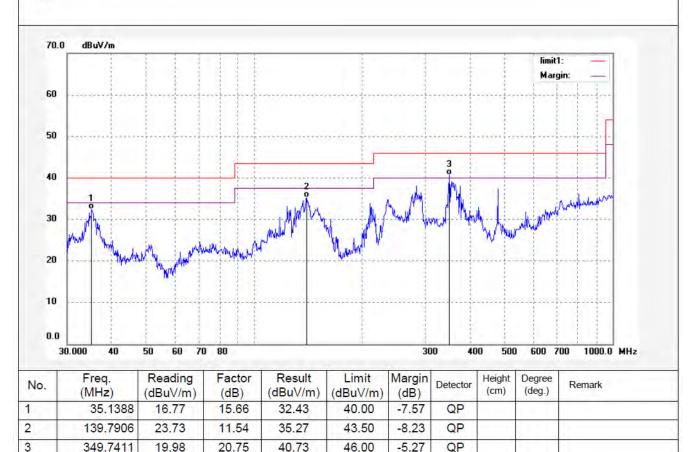
Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 9/08/45

Engineer Signature: Ricky

Distance: 3m

Note:





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.: RUCKY5 #24

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet

Mode: TX802.11N40 (CH9)

Model: EPG114

Manufacturer: E-matil

Polarization: Horizontal

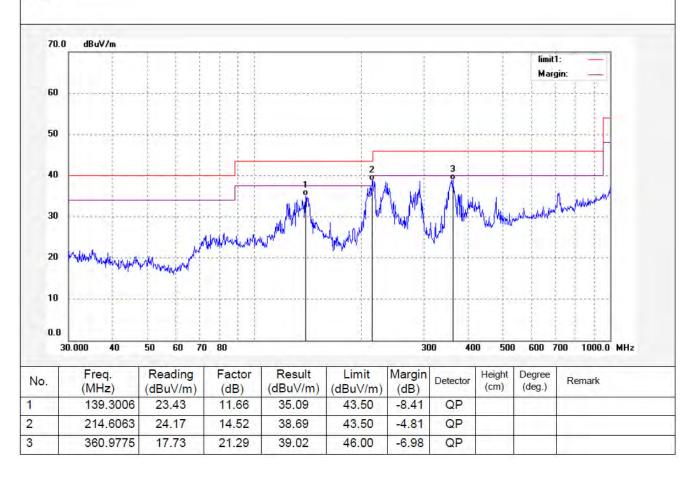
Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 9/10/41

Engineer Signature: Ricky

Distance: 3m

Note:





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.: RUCKY5 #25

Standard: FCC PART 15B (PK)
Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet Mode: TX802.11N40 (CH9)

Model: EPG114

Manufacturer: E-matil

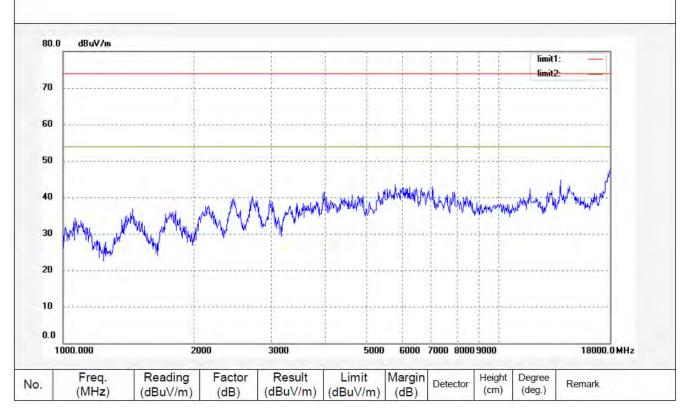
Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 13/45/11

Engineer Signature: Ricky







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.: RUCKY5 #26

Standard: FCC PART 15B (PK)
Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet

Mode: TX802.11N40 (CH9)

Model: EPG114

Manufacturer: E-matil

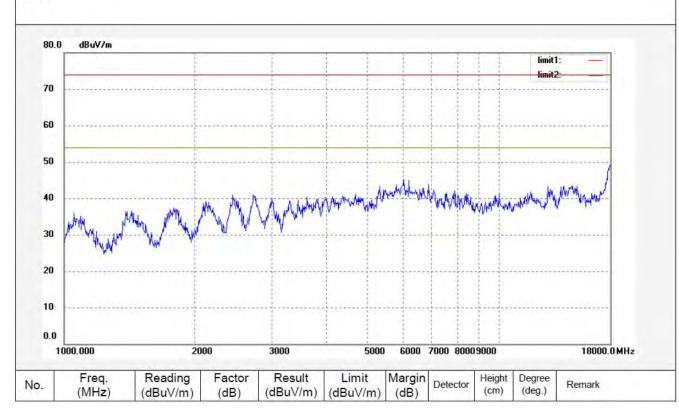
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 13/47/31

Engineer Signature: Ricky







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.: RUCKY5 #27

Test item: Radiation Test

Standard: FCC PART 15B (PK)

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet

Mode: TX802.11N40 (CH6)

Model: EPG114

Manufacturer: E-matil

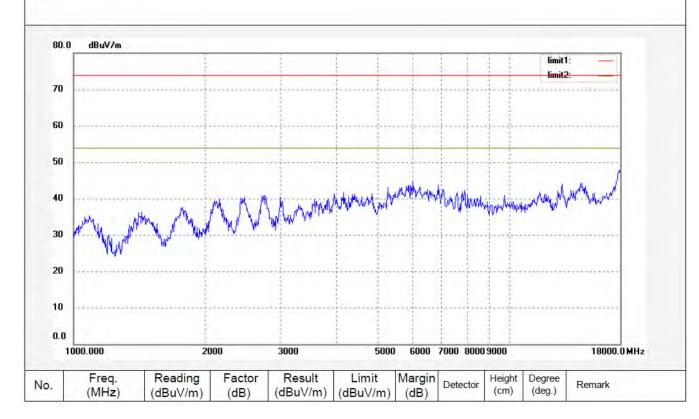
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 13/52/22

Engineer Signature: Ricky







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.: RUCKY5 #28 Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet

Mode: TX802.11N40 (CH6)

Model: EPG114

Manufacturer: E-matil

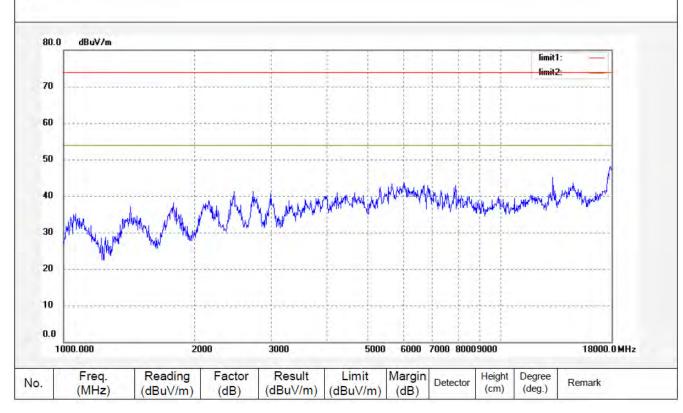
Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 13/54/32

Engineer Signature: Ricky







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.: RUCKY5 #29
Standard: FCC PART 15B (PK)
Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet Mode: TX802.11N40 (CH3)

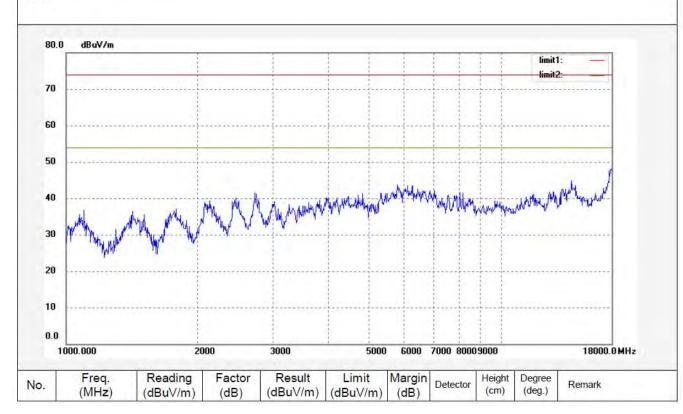
Model: EPG114 Manufacturer: E-matil Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 13/58/43

Engineer Signature: Ricky







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.: RUCKY5 #30

Standard: FCC PART 15B (PK)
Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet

Mode: TX802.11N40 (CH3)

Model: EPG114

Manufacturer: E-matil

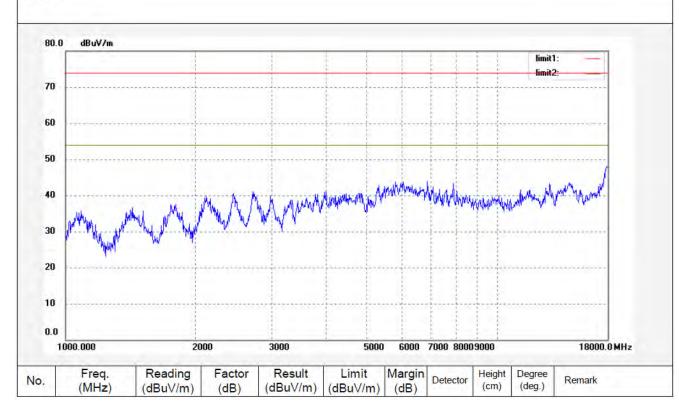
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 14/03/55

Engineer Signature: Ricky







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.: RUCKY5 #31

Standard: FCC PART 15B (PK)
Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet
Mode: TX802.11N20 (CH1)

Model: EPG114

Manufacturer: E-matil

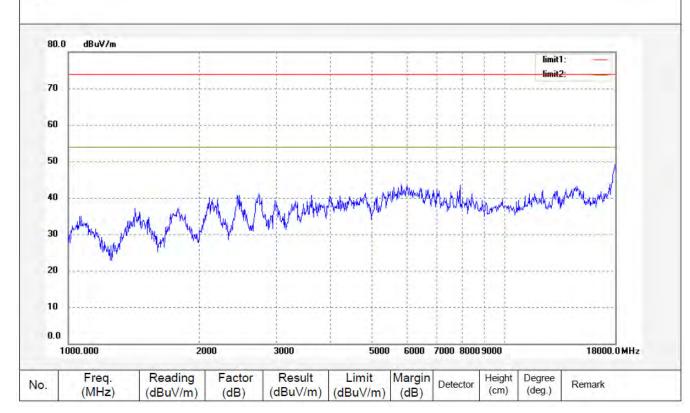
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 14/08/07

Engineer Signature: Ricky







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.: RUCKY5 #32
Standard: FCC PART 15B (PK)
Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 % EUT: 7inch tablet

Mode: TX802.11N20 (CH1)

Model: EPG114 Manufacturer: E-matil Polarization: Horizontal

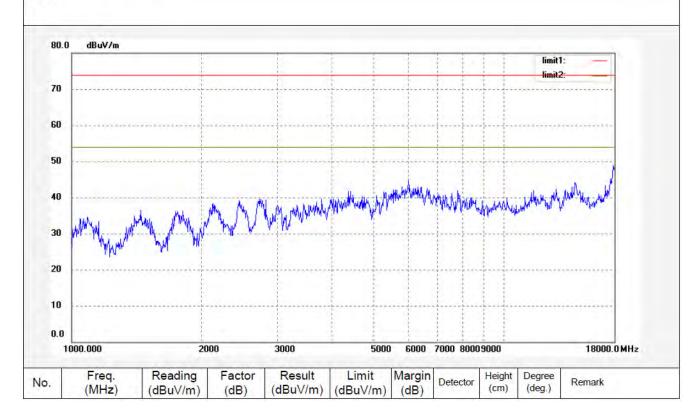
Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 14/13/17

Engineer Signature: Ricky

Distance: 3m

Note:





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.: RUCKY5 #33

Standard: FCC PART 15B (PK)
Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet

Mode: TX802.11N20 (CH6)

Model: EPG114

Manufacturer: E-matil

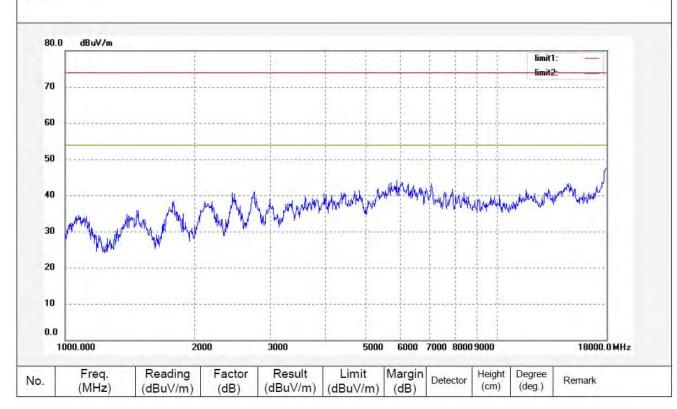
Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 14/16/29

Engineer Signature: Ricky







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.: RUCKY5 #34

Standard: FCC PART 15B (PK)
Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet

Mode: TX802.11N20 (CH6)

Model: EPG114

Manufacturer: E-matil

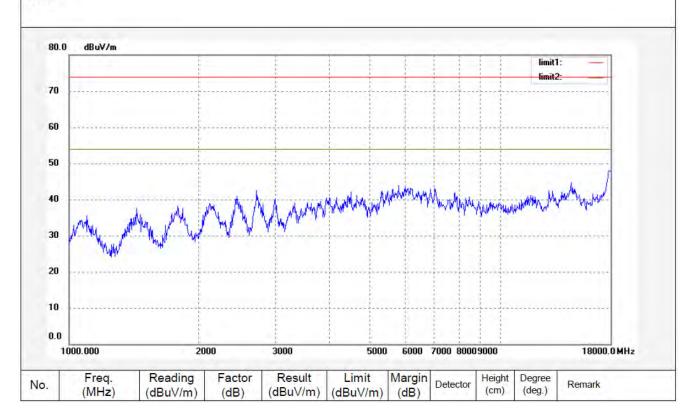
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 14/19/02

Engineer Signature: Ricky







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.: RUCKY5 #35

Standard: FCC PART 15B (PK)
Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet

Mode: TX802.11N20 (CH11)

Model: EPG114

Manufacturer: E-matil

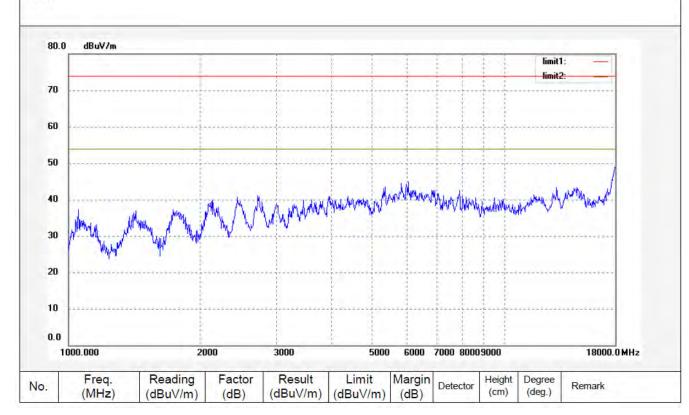
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 14/23/30

Engineer Signature: Ricky







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.: RUCKY5 #36 Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet

Mode: TX802.11N20 (CH11)

Model: EPG114

Manufacturer: E-matil

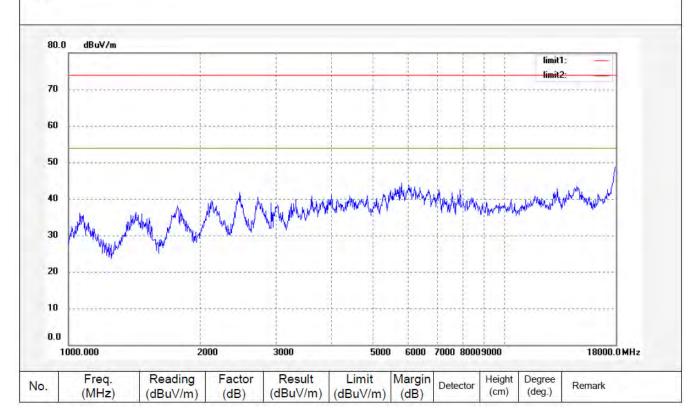
Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 14/26/42

Engineer Signature: Ricky







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.: RUCKY5 #37

Standard: FCC PART 15B (PK)
Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet Mode: TX802.11G (CH1)

Model: EPG114

Manufacturer: E-matil

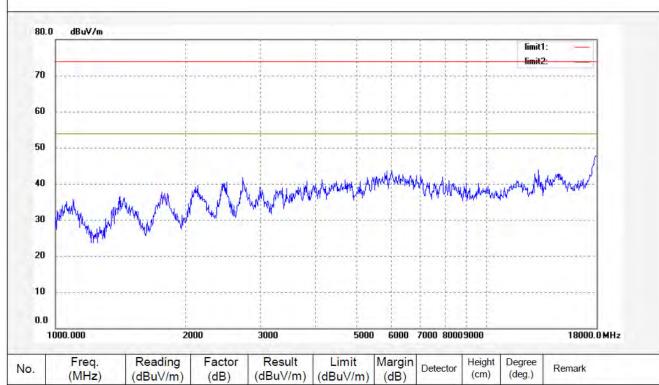
Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 14/29/09

Engineer Signature: Ricky







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.: RUCKY5 #38

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet Mode: TX802.11G (CH1)

Model: EPG114

Manufacturer: E-matil

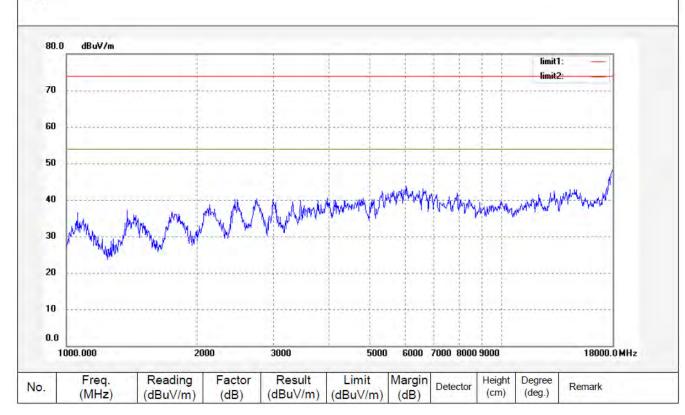
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 14/32/21

Engineer Signature: Ricky







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.: RUCKY5 #39

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet Mode: TX802.11G (CH6)

Model: EPG114

Manufacturer: E-matil

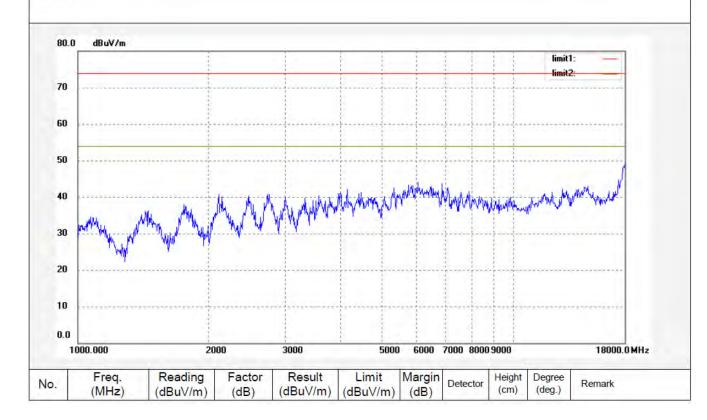
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 14/35/30

Engineer Signature: Ricky







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.: RUCKY5 #40

Standard: FCC PART 15B (PK)

Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet

Mode: TX802.11G (CH6)

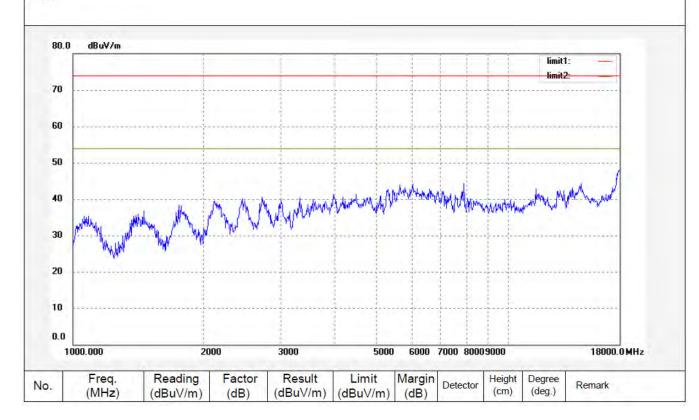
Model: EPG114 Manufacturer: E-matil Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 14/38/53

Engineer Signature: Ricky







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.: RUCKY5 #41

Standard: FCC PART 15B (PK)
Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet
Mode: TX802.11G (CH11)

Model: EPG114

Manufacturer: E-matil

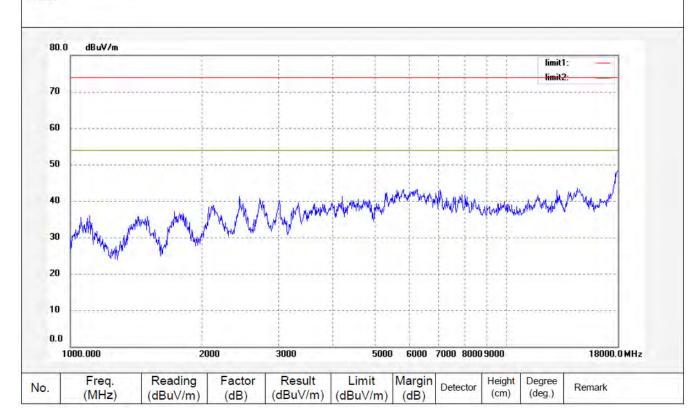
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 14/41/04

Engineer Signature: Ricky







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.: RUCKY5 #42

Standard: FCC PART 15B (PK)
Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet Mode: TX802.11G (CH11)

Model: EPG114

Manufacturer: E-matil

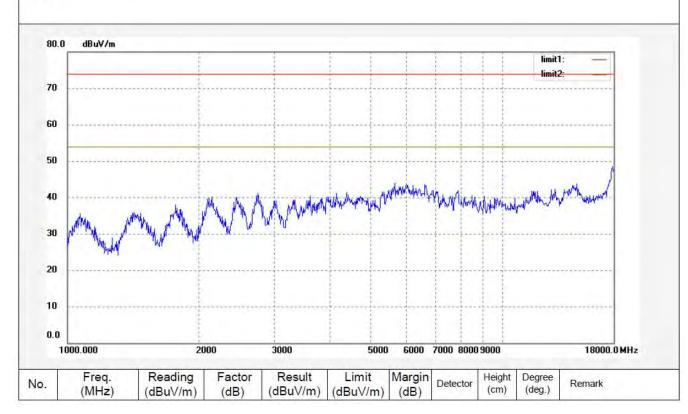
Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 14/44/15

Engineer Signature: Ricky







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.: RUCKY5 #43

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet Mode: TX802.11B (CH1)

Model: EPG114

Manufacturer: E-matil

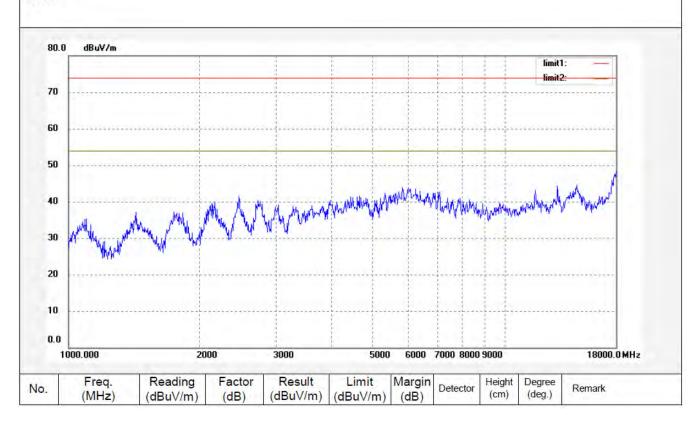
Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 14/46/27

Engineer Signature: Ricky







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.: RUCKY5 #44

Standard: FCC PART 15B (PK)
Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet
Mode: TX802.11B (CH1)

Model: EPG114

Manufacturer: E-matil

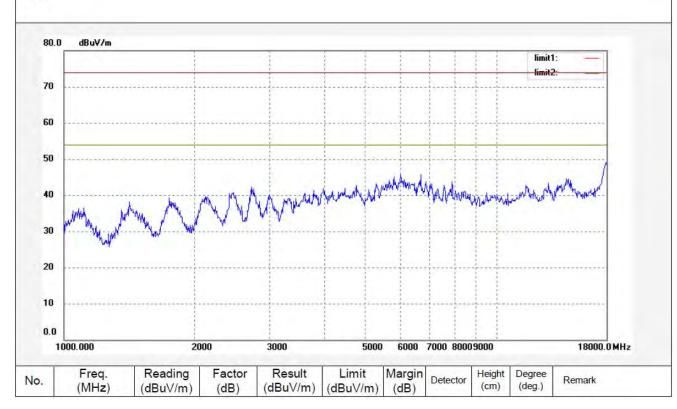
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 14/48/55

Engineer Signature: Ricky







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.: RUCKY5 #45

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet Mode: TX802.11B (CH6)

Model: EPG114

Manufacturer: E-matil

Polarization: Horizontal

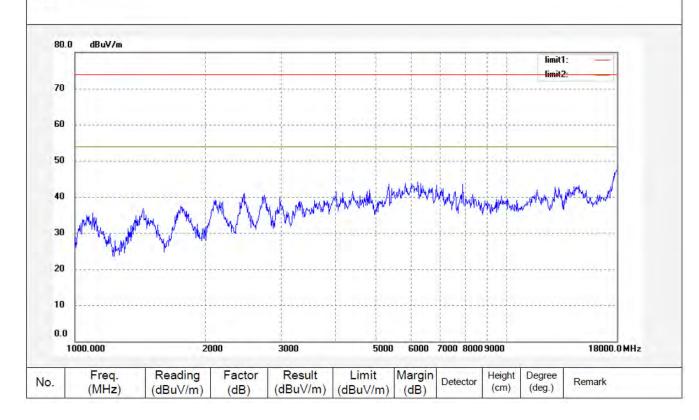
Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 14/51/14

Engineer Signature: Ricky

Distance: 3m

Note:





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.: RUCKY5 #46

Standard: FCC PART 15B (PK)
Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet Mode: TX802.11B (CH6)

Model: EPG114

Manufacturer: E-matil

Polarization: Vertical

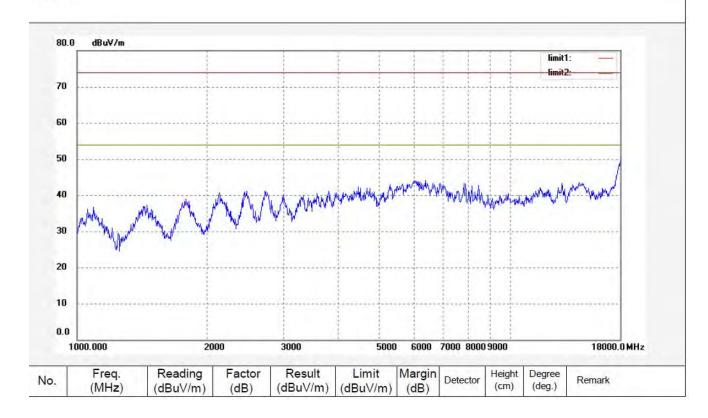
Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 14/53/06

Engineer Signature: Ricky

Distance: 3m

Note:





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.: RUCKY5 #47

Standard: FCC PART 15B (PK)
Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet Mode: TX802.11B (CH11)

Model: EPG114

Manufacturer: E-matil

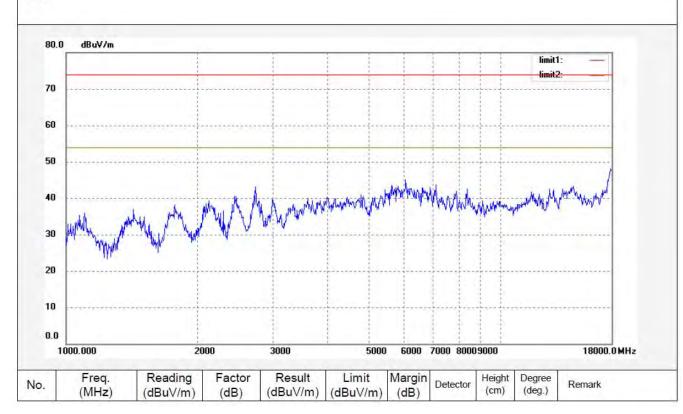
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 14/56/17

Engineer Signature: Ricky







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.: RUCKY5 #48

Standard: FCC PART 15B (PK)
Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 49 %

EUT: 7inch tablet Mode: TX802.11B (CH11)

Model: EPG114

Manufacturer: E-matil

Polarization: Horizontal

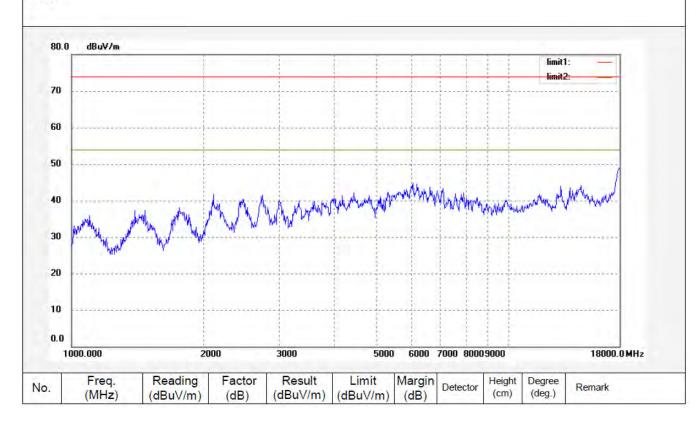
Power Source: AC 120V/60Hz

Date: 13/04/15/ Time: 14/59/34

Engineer Signature: Ricky

Distance: 3m

Note:





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.: Ricky #894

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet Mode: TX802.11B (CH1)

Model: EPG114

Manufacturer: E-matil

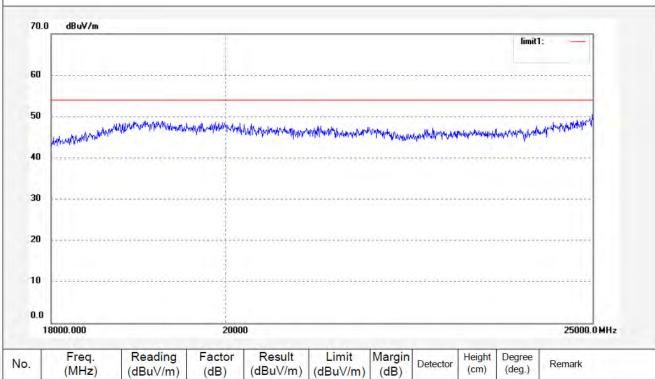
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 11:56:28

Engineer Signature: Ricky







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.: Ricky #895

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet Mode: TX802.11B (CH1)

Model: EPG114

Manufacturer: E-matil

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 12:00:00

Engineer Signature: Ricky



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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.: Ricky #896

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet Mode: TX802.11B (CH6)

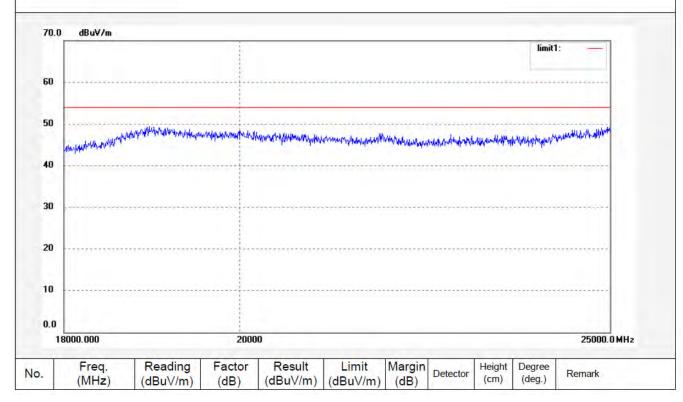
Model: EPG114 Manufacturer: E-matil Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 12:02:52

Engineer Signature: Ricky







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.: Ricky #897

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet Mode: TX802.11B (CH6)

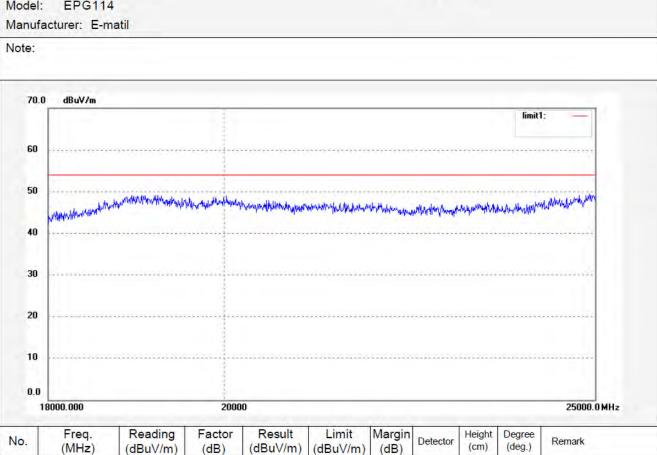
**EPG114** Model:

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 12:06:41

Engineer Signature: Ricky





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.: Ricky #898

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet Mode: TX802.11B (CH11)

Model: EPG114

Manufacturer: E-matil

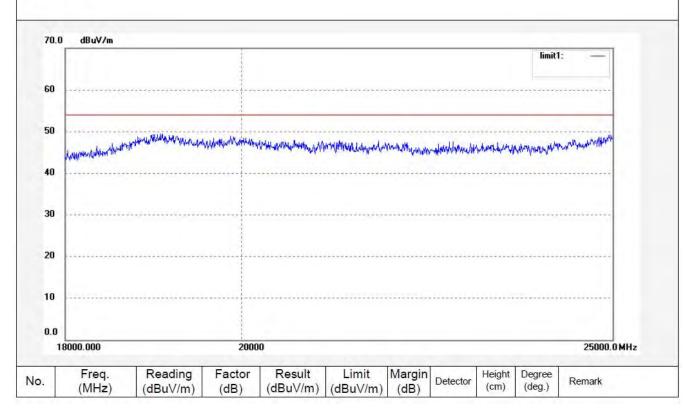
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 12:10:28

Engineer Signature: Ricky







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.: Ricky #899

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet

Mode: TX802.11B (CH11)

Model: EPG114

Manufacturer: E-matil

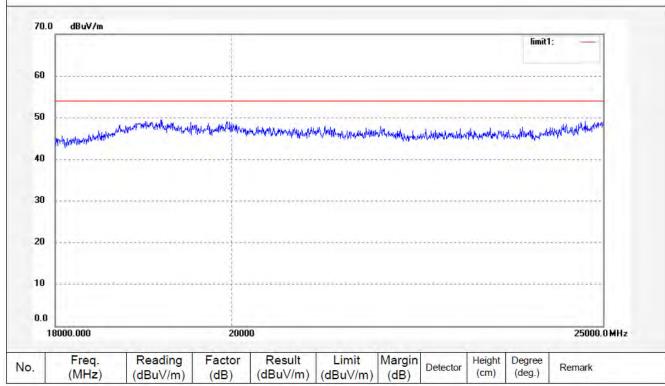
Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 12:12:22

Engineer Signature: Ricky







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.: Ricky #894

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet Mode: TX802.11G (CH1)

Model: EPG114

Manufacturer: E-matil

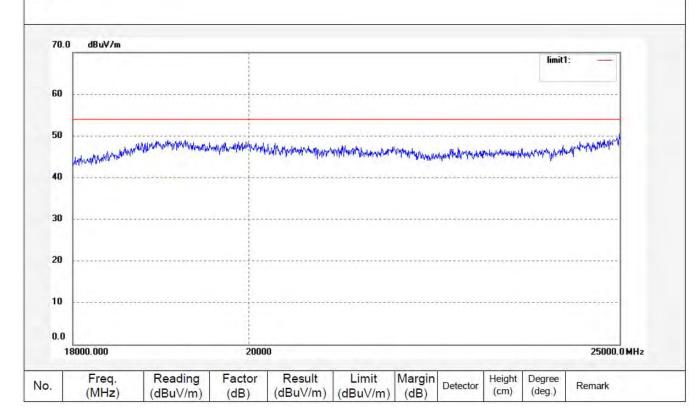
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 12:16:21

Engineer Signature: Ricky







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.: Ricky #895

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet Mode: TX802.11G (CH1)

Model: EPG114

Manufacturer: E-matil

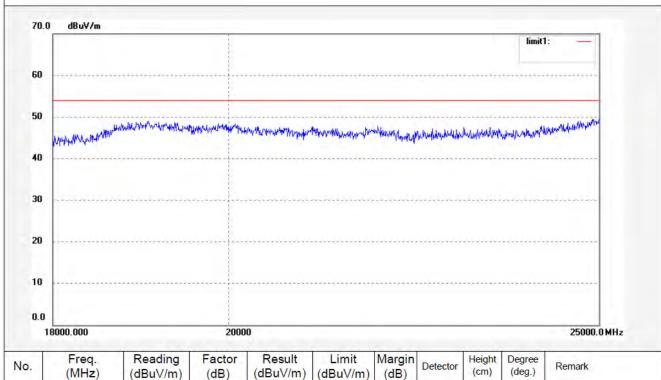
Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 12:20:31

Engineer Signature: Ricky







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.: Ricky #896

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet Mode: TX802.11G (CH6)

Model: **EPG114**  Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 12:23:14

Engineer Signature: Ricky

Distance: 3m



18000.000 20000 25000.0 MHz Freq. Reading Factor Result Limit Margin Height Degree Detector No. Remark (deg.) (cm) (MHz) (dBuV/m) (dB) (dBuV/m) (dBuV/m) (dB)

0.0



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.: Ricky #897

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet Mode: TX802.11G (CH6)

Model: EPG114

Manufacturer: E-matil

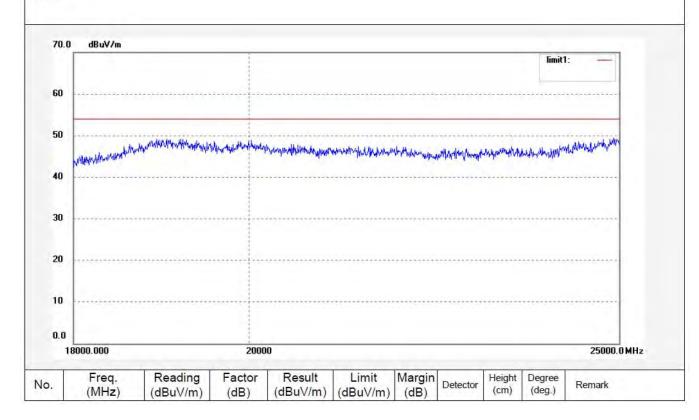
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 12:27:11

Engineer Signature: Ricky







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

25000.0 MHz

Job No.: Ricky #898

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet

Mode: TX802.11G (CH11)

Model: EPG114

Manufacturer: E-matil

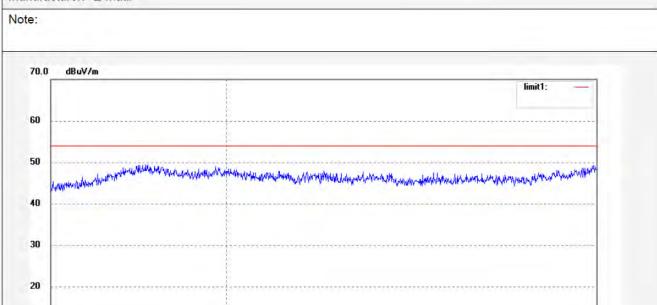
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 12:30:30

Engineer Signature: Ricky

Distance: 3m



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

20000

10

n n

18000.000



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.: Ricky #899

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet

Mode: TX802.11G (CH11)

Model: EPG114

Manufacturer: E-matil

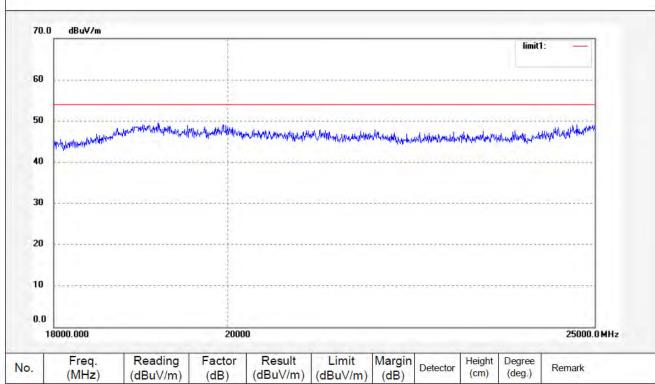
Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 12:33:01

Engineer Signature: Ricky







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.: Ricky #894

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet

Mode: TX802.11N20 (CH1)

Model: EPG114

Manufacturer: E-matil

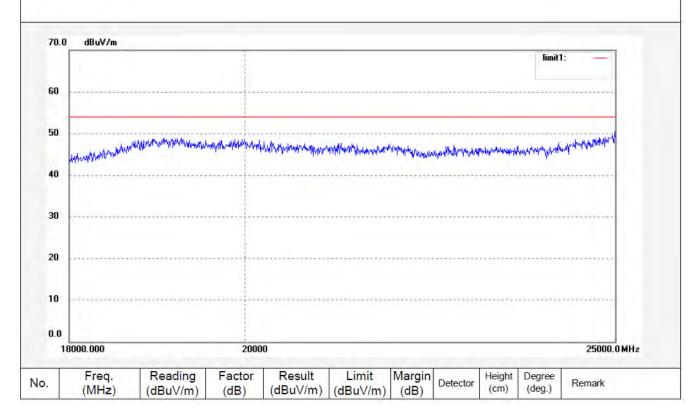
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 12:36:45

Engineer Signature: Ricky







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.: Ricky #895

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet

TX802.11N20 (CH1) Mode:

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 12:39:25

Engineer Signature: Ricky

Distance: 3m

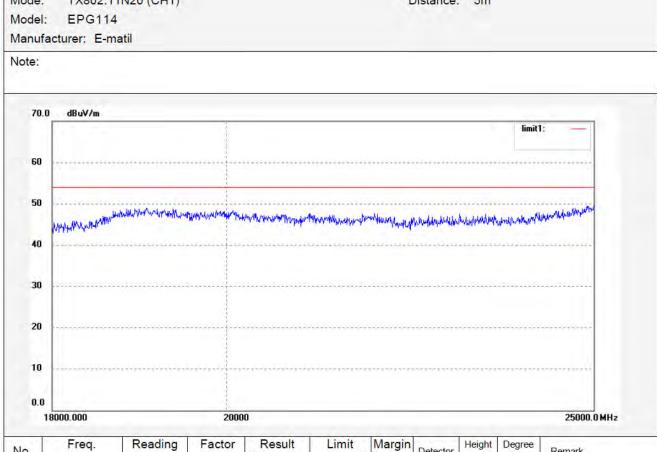
Detector

(dB)

(cm)

(deg.)

Remark



(dBuV/m)

(dBuV/m)

No.

(MHz)

(dBuV/m)

(dB)



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.: Ricky #896

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet

Mode: TX802.11N20 (CH6)

Model: EPG114

Manufacturer: E-matil

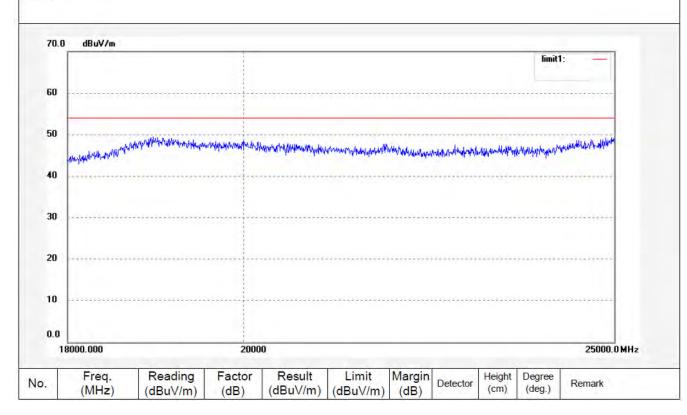
Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 12:42:23

Engineer Signature: Ricky







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.: Ricky #897

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet

Mode: TX802.11N20 (CH6)

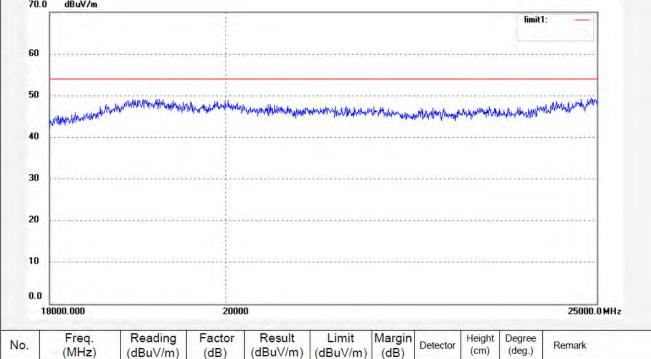
Model: **EPG114** Manufacturer: E-matil Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 12:46:18

Engineer Signature: Ricky







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.: Ricky #898

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet

Mode: TX802.11N20 (CH11)

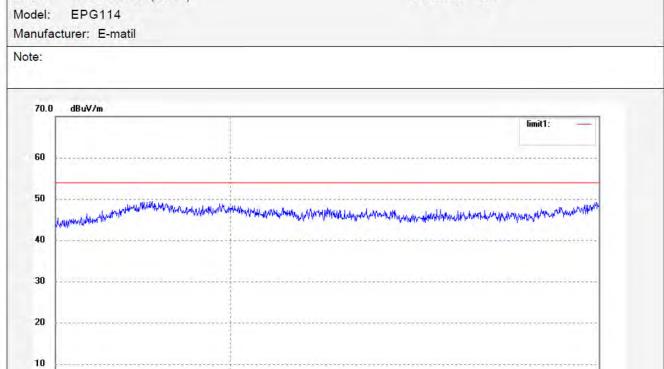
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 12:50:51

Engineer Signature: Ricky

Distance: 3m



	18000.000		2000	00						25000.0 MHz
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

0.0



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.: Ricky #899

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet

Mode: TX802.11N20 (CH11)

Model: EPG114

Manufacturer: E-matil

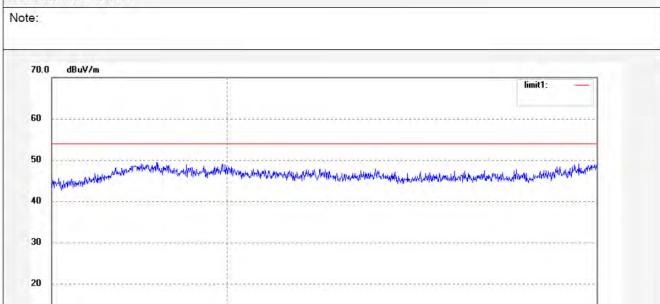
Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 12:54:34

Engineer Signature: Ricky

Distance: 3m



18000.000 20000 25000.0 MHz Reading Result Margin Freq. Factor Limit Height Degree Detector No. Remark (deg.) (MHz) (dBuV/m) (dBuV/m) (cm) (dBuV/m) (dB) (dB)

10

0.0



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.: Ricky #894

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet

Mode: TX802.11N40 (CH3)

Model: EPG114

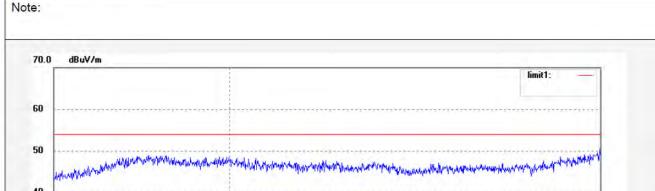
Manufacturer: E-matil

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 12:57:38

Engineer Signature: Ricky



10 0.0					************	 	******	******	******
20		******		******		 	*****	*****	
30	151112241144	**********				 	*****		*****
			1						



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.: Ricky #895

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet

Mode: TX802.11N40 (CH3)

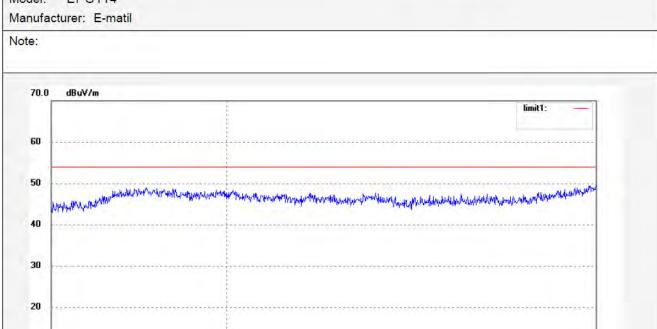
Model: **EPG114**  Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 13:00:12

Engineer Signature: Ricky

Distance: 3m



25000.0 MHz 18000.000 20000 Freq. Reading Factor Result Limit Margin Height Degree No. Detector Remark (cm) (deg.) (MHz) (dBuV/m) (dB) (dBuV/m) (dBuV/m) (dB)

10

0.0



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.: Ricky #896

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet

Mode: TX802.11N40 (CH6)

Model: EPG114

Manufacturer: E-matil

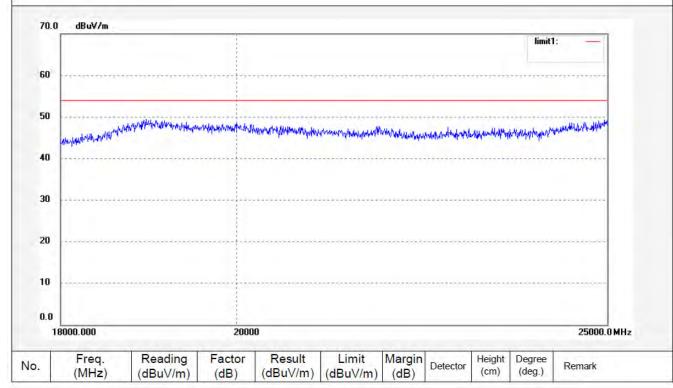
Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 13:05:19

Engineer Signature: Ricky







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.: Ricky #897

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet

Mode: TX802.11N40 (CH6)

Model: EPG114

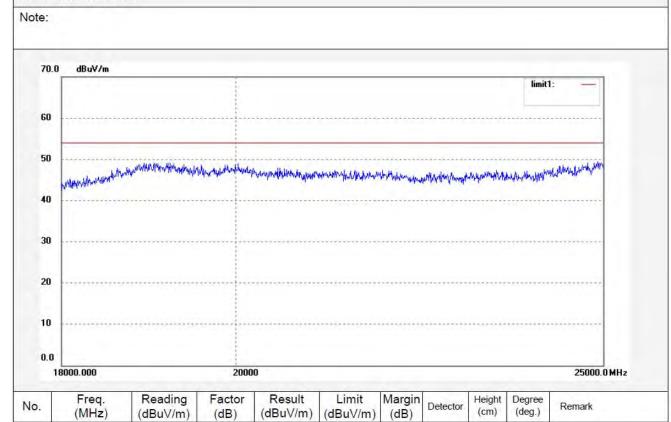
Manufacturer: E-matil

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 13:09:44

Engineer Signature: Ricky





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.: Ricky #898

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet

Mode: TX802.11N40 (CH11)

Model: EPG114

Manufacturer: E-matil

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 13:14:00

Engineer Signature: Ricky

Distance: 3m



18000.000 20000 25000.0 MHz Factor Result Freq. Reading Limit Margin Height Degree Detector No. Remark (dBuV/m) (deg.) (MHz) (dBuV/m) (dBuV/m) (dB) (dB)

0.0



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.: Ricky #899

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: 7inch tablet

TX802.11N40 (CH11) Mode:

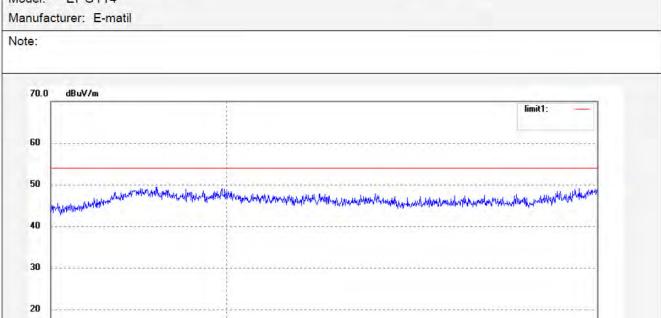
Model: **EPG114**  Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/04/15 Time: 13:17:59

Engineer Signature: Ricky

Distance: 3m

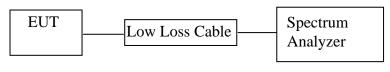


	18000.000						25000.0			
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

10

#### 10. CONDUCTED SPURIOUS EMISSION COMPLIANCE TEST

# 10.1.Block Diagram of Test Setup



(EUT: 7 inch tablet)

#### 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. 7 inch tablet (EUT)

Model Number : EGP114 Serial Number : N/A Manufacturer : E-matic

# 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

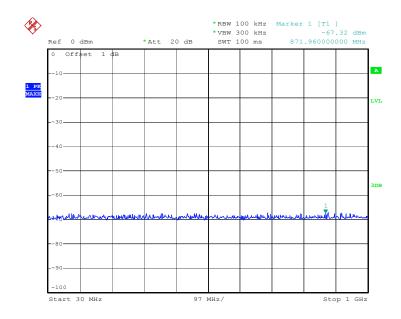
- 10.5.1. The transmitter output was connected to the spectrum analyzer via a low loss cable.
- 10.5.2.Set RBW of spectrum analyzer to 100 kHz and VBW to 300 kHz for up to 1GHz, RBW of spectrum analyzer to 1MHz and VBW 3MHz for above 1GHz.
- 10.5.3. The Conducted Spurious Emission was measured and recorded.

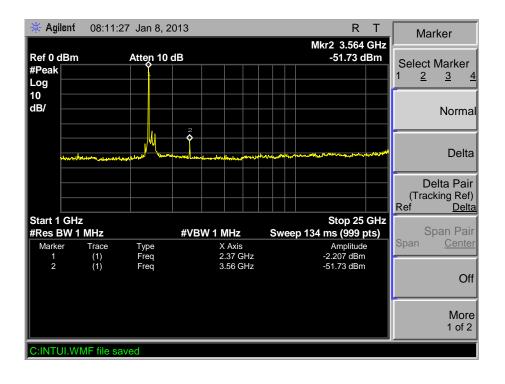
#### 10.6.Test Result

Pass.

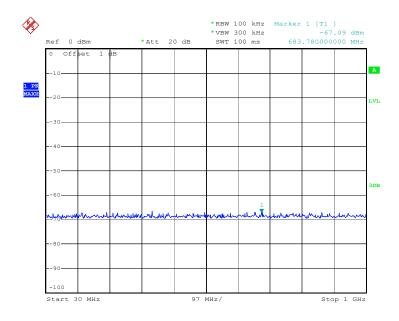
The spectrum analyzer plots are attached as below.

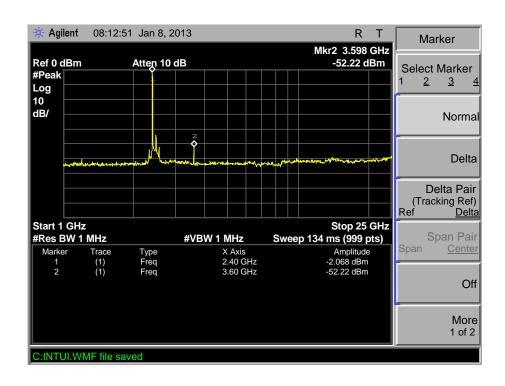
#### TX 802.11b Channel Low 2412MHz



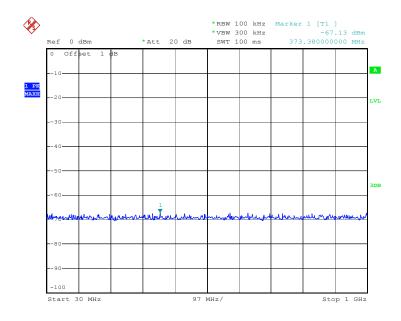


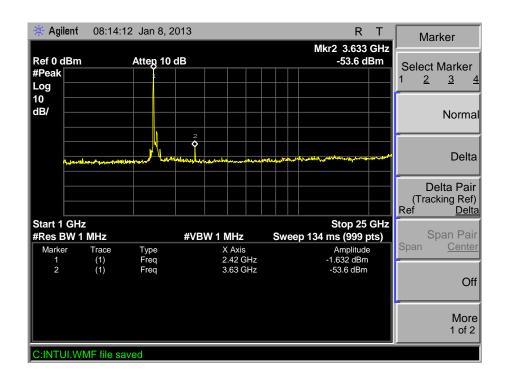
#### TX 802.11b Channel Middle 2437MHz



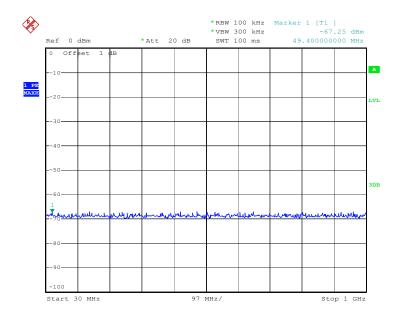


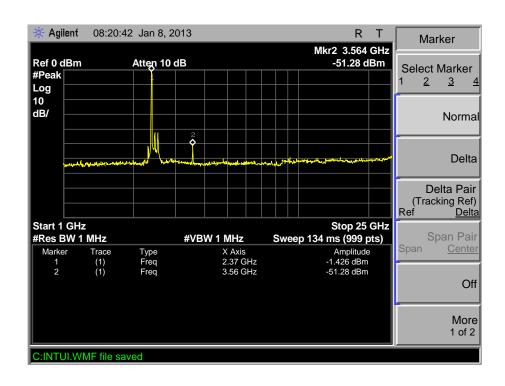
# TX 802.11b Channel High 2462MHz



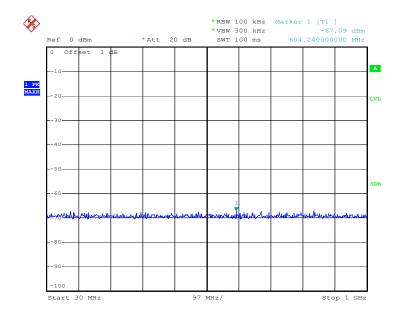


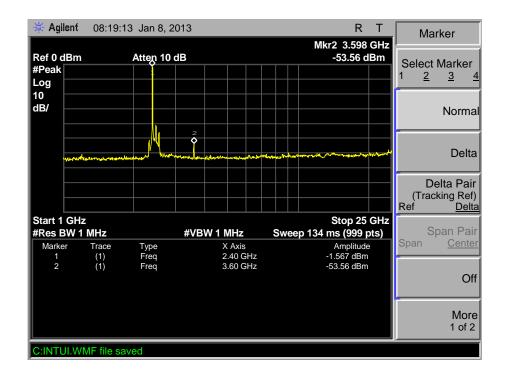
# TX 802.11g Channel Low 2412MHz



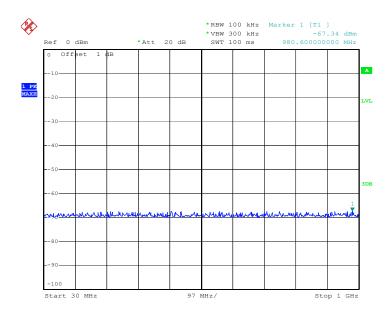


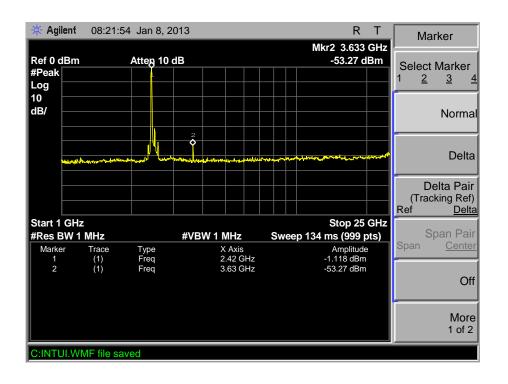
# TX 802.11g Channel Middle 2437MHz



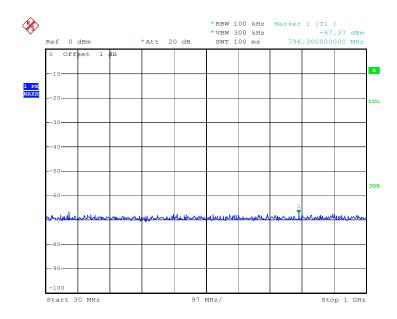


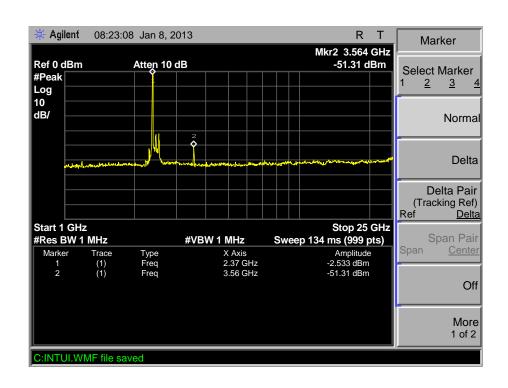
# TX 802.11g Channel High 2462MHz



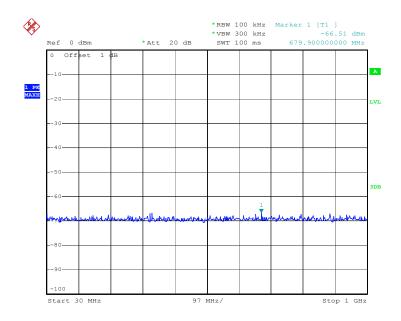


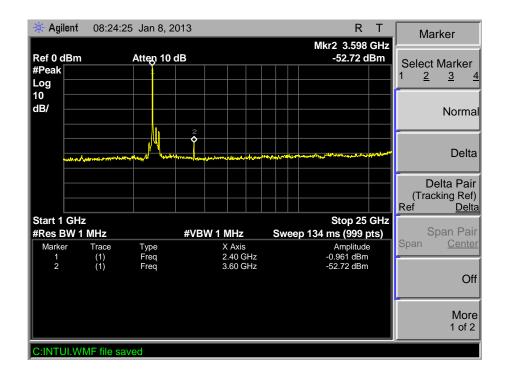
#### **TX 802.11n Channel Low 2412MHz (20MHz)**



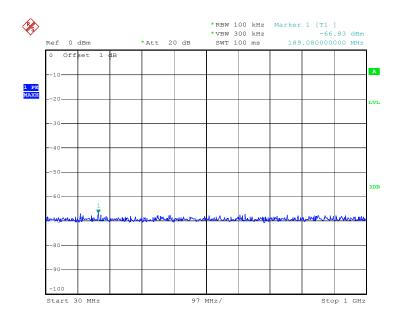


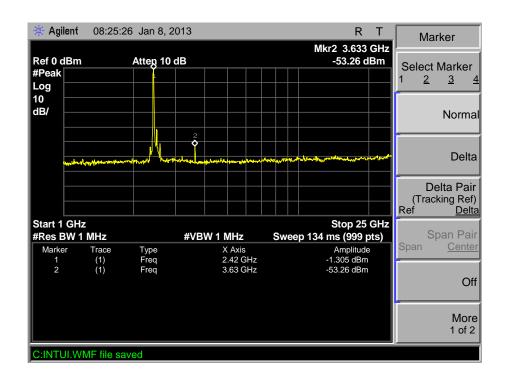
#### TX 802.11n Channel Middle 2437MHz (20MHz)



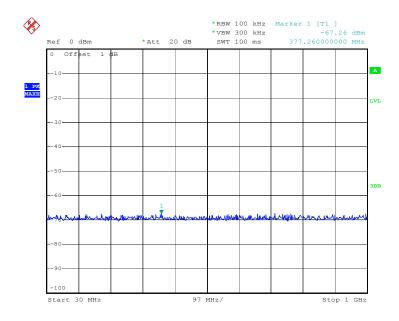


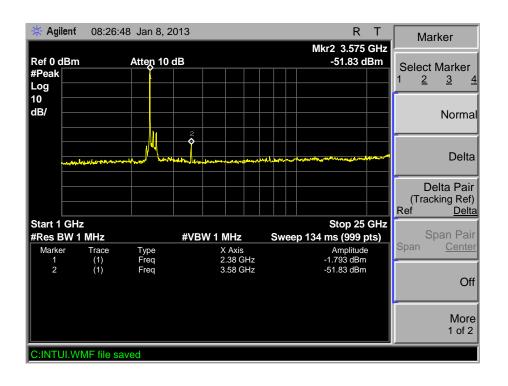
# **TX 802.11n Channel High 2462MHz (20MHz)**



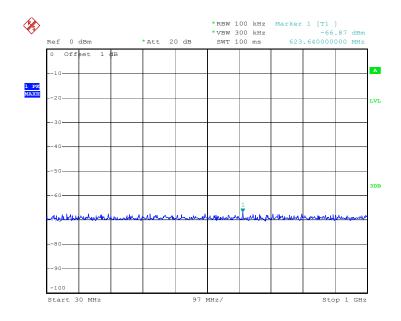


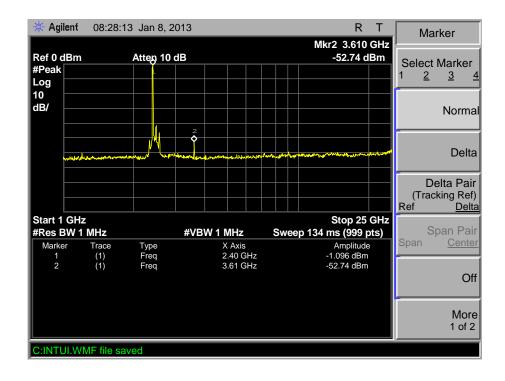
# **TX 802.11n Channel Low 2422MHz (40MHz)**



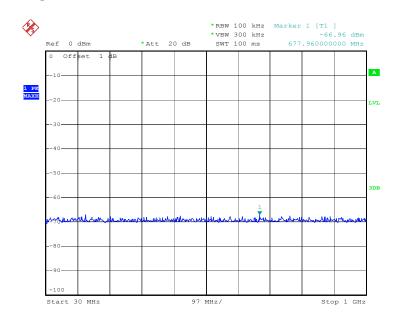


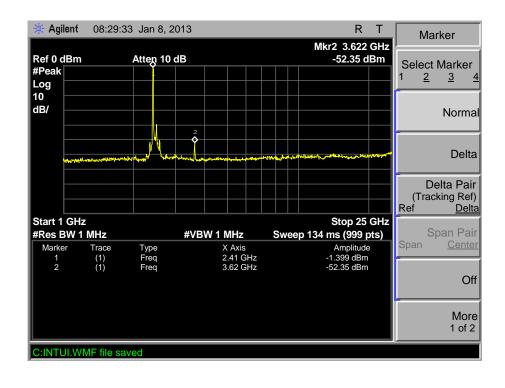
# TX 802.11n Channel Middle 2437MHz (40MHz)





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

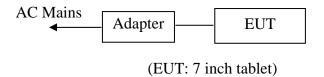




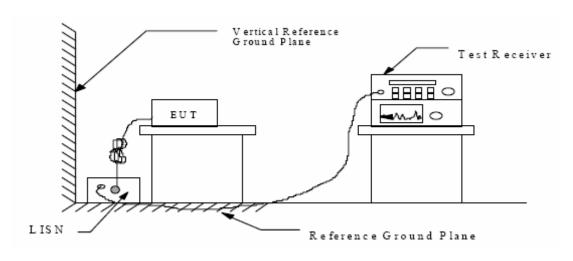
# 11.AC POWER LINE CONDUCTED EMISSION FOR FCC PART 15 SECTION 15.207(A)

# 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: 7 inch tablet)

#### 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				

<sup>\*</sup> 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. 7 inch tablet (EUT)

Model Number : EGP114 Serial Number : N/A

Manufacturer : Acuce 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 (Charging) 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: April 17, 2013

EUT: Temperature: 25°C

Humidity: 50%

Model No.:EGP114Power Supply:AC 120V/60HzTest Mode:operationTest Engineer:Ricky

Frequency	Result	Limit	Margin	Detector	Line
(MHz)	(dBµV)	(dBµV)	(dB)		
0.411832	47.10	58	10.5	QP	
0.494848	42.20	56	13.9	QP	
2.009114	39.60	56	16.4	QP	NT 1
0.317709	36.40	50	13.4	AV	Neutral
0.411832	33.40	48	14.2	AV	
1.930490	32.20	46	13.8	AV	
0.403694	49.40	58	8.4	QP	
0.492876	43.10	56	13.0	QP	
1.892339	39.00	56	17.0	QP	
0.403694	39.70	48	8.1	AV	Live
0.720179	34.10	46	11.9	AV	
1.840191	34.80	46	11.2	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 15 B

7inch tablet M/N:EPG114

Manufacturer: E-matil Operating Condition: Operation Test Site: 1#Shielding Room

Operator: Ricky Test Specification: N 120V/60Hz

Comment:

4/17/2013 / 8:38:29AM Start of Test:

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

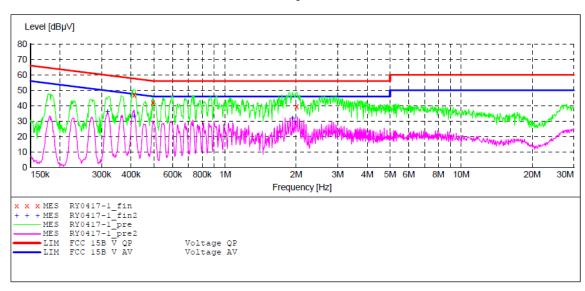
\_SUB\_STD\_VTERM2 1.70 Short Description:

Stop IF Step Detector Meas. Start Transducer

Time Bandw.

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 4.5 kHz 9 kHz NSLK8126 2008

Average



#### MEASUREMENT RESULT: "RY0417-1 fin"

4/	17/2013 8:4	0AM						
	Frequency				_	Detector	Line	PE
	MHz	dBµV	dВ	dBµV	dB			
	0.411832	47.10	12.4	58	10.5	QP	N	GND
	0.494848	42.20	12.6	56	13.9	QP	N	GND
	2.009114	39.60	12.4	56	16.4	QP	N	GND

#### MEASUREMENT RESULT: "RY0417-1 fin2"

4/	/17/2013 8:4	0 <b>AM</b>						
	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dΒμV	dB	dBµ∇	dB			
	0.317709	36.40	12.2	50	13.4	AV	N	GND
	0.411832	33.40	12.4	48	14.2	AV	N	GND
	1.930490	32.20	12.4	46	13.8	AV	N	GND

#### CONDUCTED EMISSION STANDARD FCC PART 15 B

7inch tablet M/N:EPG114

Manufacturer: E-matil Operating Condition: Operation

Test Site: 1#Shielding Room Operator: Ricky

Test Specification: L 120V/60Hz

Comment:

Start of Test: 4/17/2013 / 8:41:33AM

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

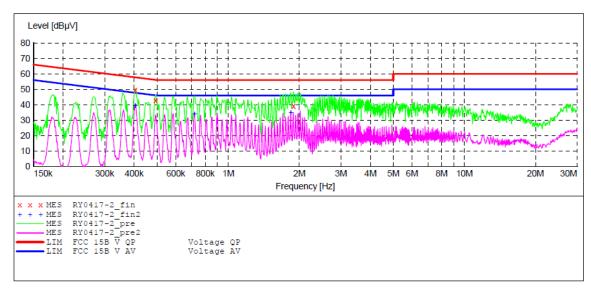
Short Description:

\_\_SUB\_STD\_VTERM2 1.70 Stop Detector Meas. IF Start Transducer

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kHz Bandw. Time

QuasiPeak 1.0 s 9 kHz NSLK8126 2008

Average



#### MEASUREMENT RESULT: "RY0417-2 fin"

43.10

0.492876

4/17/2013	8:43AM						
-	-	vel Trans		_	Detector	Line	PE
M	Hz di	BµV di	B dBµV	dB			
0.4036	94 49	.40 12.	4 58	8.4	QP	L1	GND

12.6

#### 1.892339 39.00 12.4 17.0 QP 56 L1GND

56

13.0 QP

L1

GND

# MEASUREMENT RESULT: "RY0417-2 fin2"

4/	17/2013 8:4	3AM						
	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dΒμV	dB	dΒμV	dB			
	0.403694	39.70	12.4	48	8.1	AV	L1	GND
	0.720179	34.10	12.5	46	11.9	AV	L1	GND
	1.840191	34.80	12.4	46	11.2	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