



# **ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ALEN #1111

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX 2462MHz(802.11b)

Model: PC741

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: AC 120V/60Hz

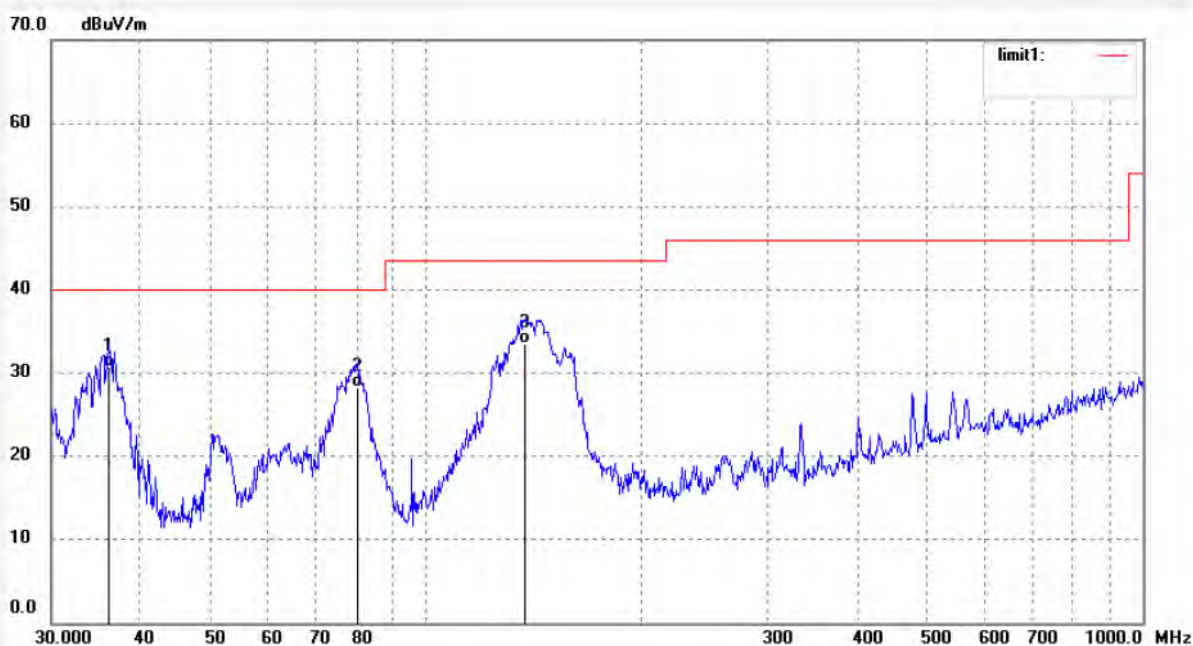
Date: 13/04/27/

Time: 8/54/53

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	36.1405	42.35	-11.68	30.67	40.00	-9.33	QP			
2	80.2382	42.69	-14.46	28.23	40.00	-11.77	QP			
3	137.3565	48.21	-14.63	33.58	43.50	-9.92	QP			



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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ALEN #1112

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX 2462MHz(802.11b)

Model: PC741

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: AC 120V/60Hz

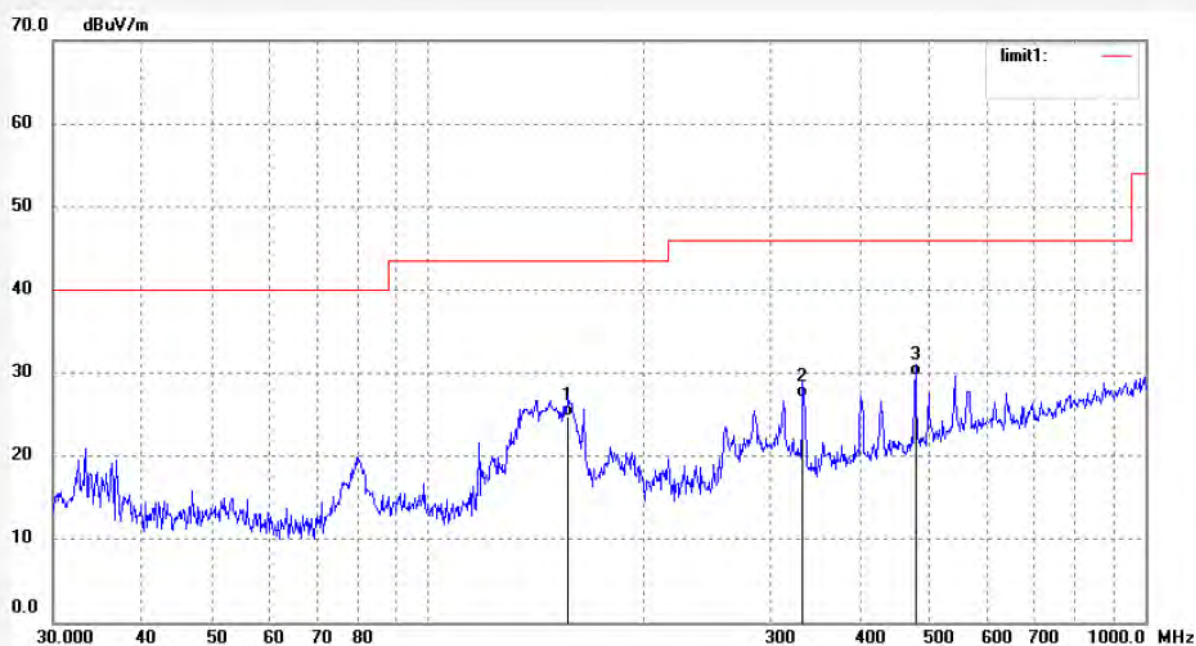
Date: 13/04/27/

Time: 8/55/40

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	156.9765	39.69	-14.88	24.81	43.50	-18.69	QP			
2	332.9536	35.32	-8.29	27.03	46.00	-18.97	QP			
3	478.1394	35.01	-5.37	29.64	46.00	-16.36	QP			



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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #715

Standard: FCC PK

Test item: Radiation Test

Temp.( C)/Hum.(%) 26 C / 60 %

EUT: MID

Mode: TX 2422MHz(802.11n)(40MHz)

Model: PC741

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: AC 120V/60Hz

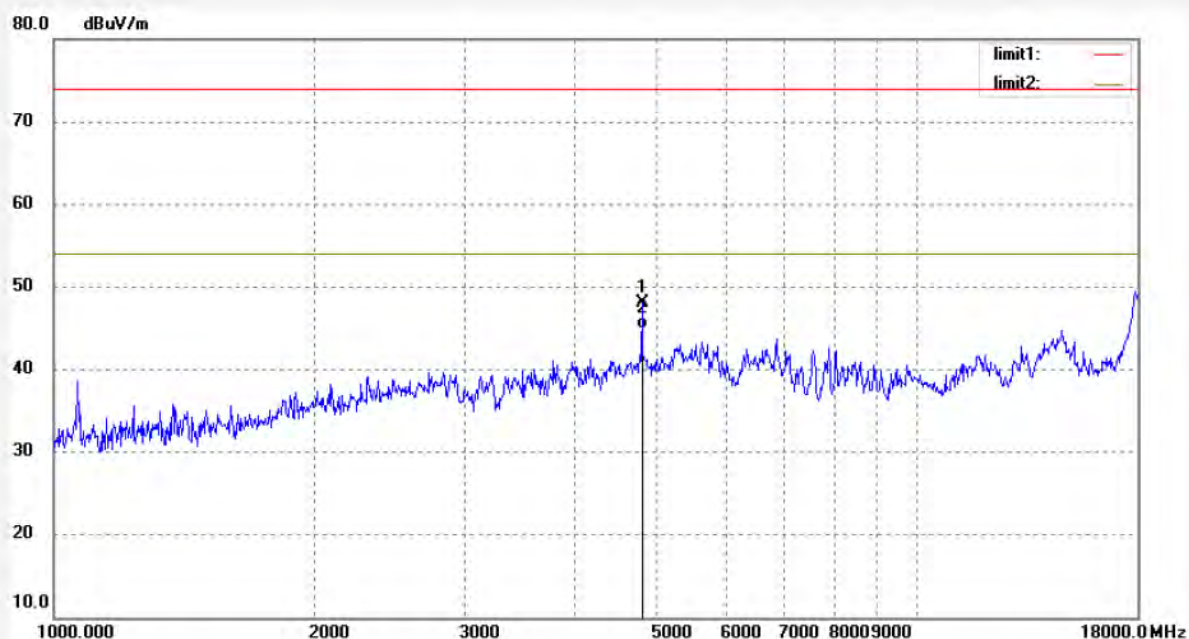
Date: 13/04/29/

Time: 8/57/31

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4844.000	48.31	-0.31	48.00	74.00	-26.00	peak			
2	4844.000	45.21	-0.31	44.90	54.00	-9.10	AVG			



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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #716

Standard: FCC PK

Test item: Radiation Test

Temp.( C)/Hum.(%) 26 C / 60 %

EUT: MID

Mode: TX 2422MHz(802.11n)(40MHz)

Model: PC741

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: AC 120V/60Hz

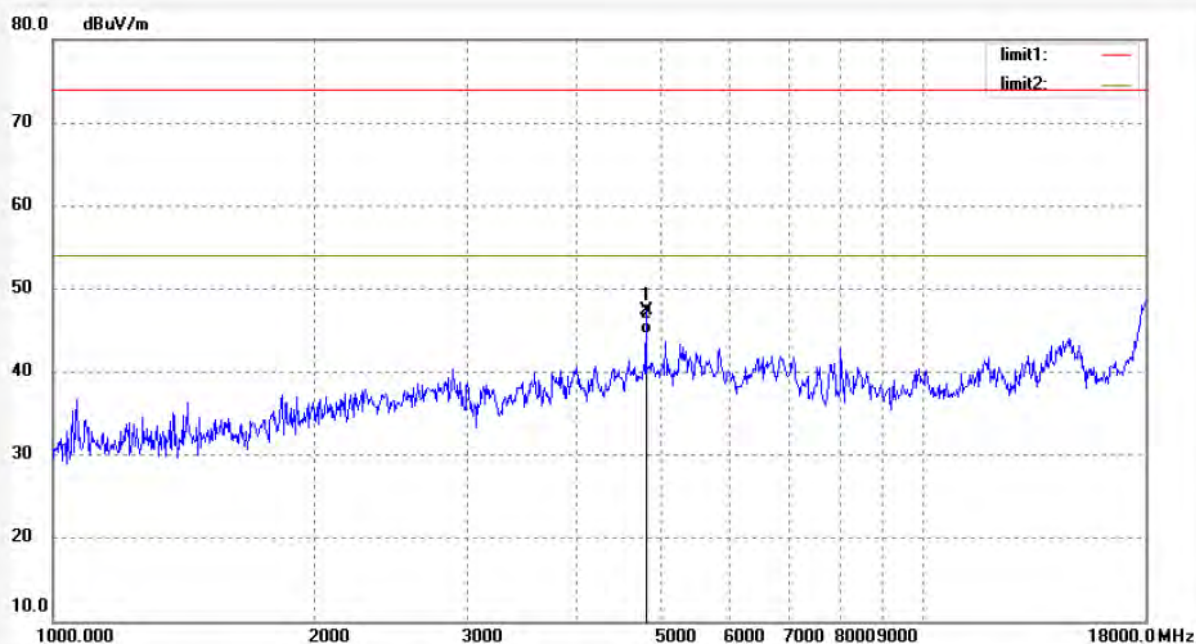
Date: 13/04/29/

Time: 8/57/54

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4844.000	47.74	-0.31	47.43	74.00	-26.57	peak			
2	4844.000	44.89	-0.31	44.58	54.00	-9.42	AVG			



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

Site: 2# Chamber

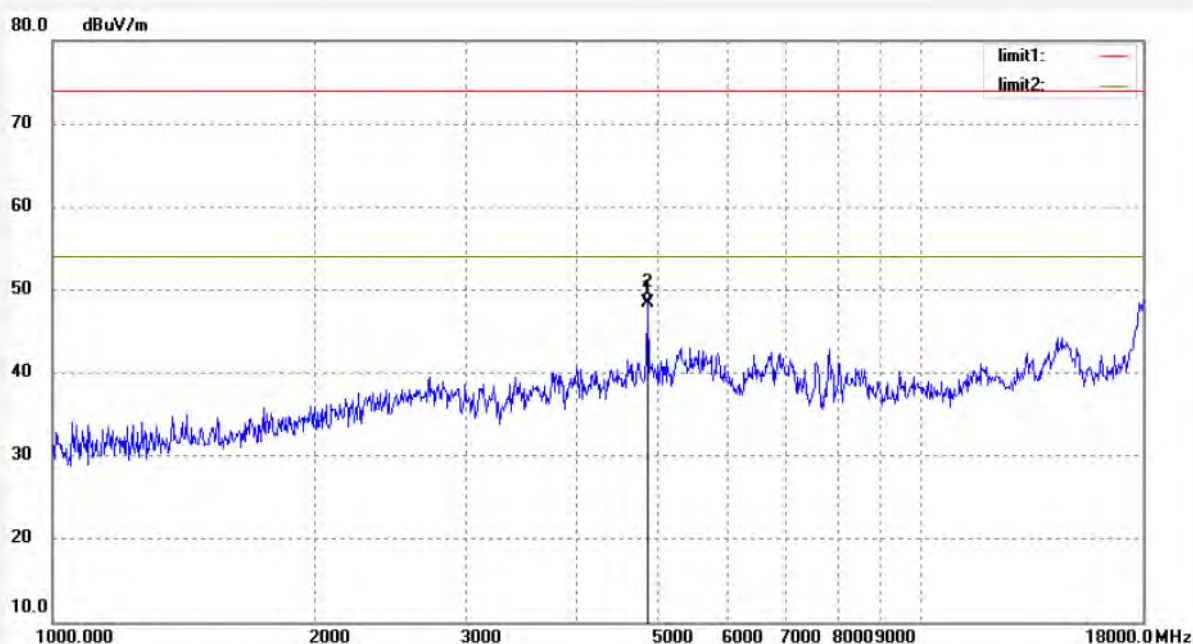
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #717  
Standard: FCC PK  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 26 C / 60 %  
EUT: MID  
Mode: TX 2437MHz(802.11n)(40MHz)  
Model: PC741  
Manufacturer: Natural Sound

Polarization: Vertical  
Power Source: AC 120V/60Hz  
Date: 13/04/29/  
Time: 8/58/14  
Engineer Signature:  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4874.000	48.49	-0.08	48.41	74.00	-25.59	peak			
2	4874.000	48.49	-0.08	48.41	54.00	-5.59	AVG			



# ACCURATE TECHNOLOGY CO., LTD.

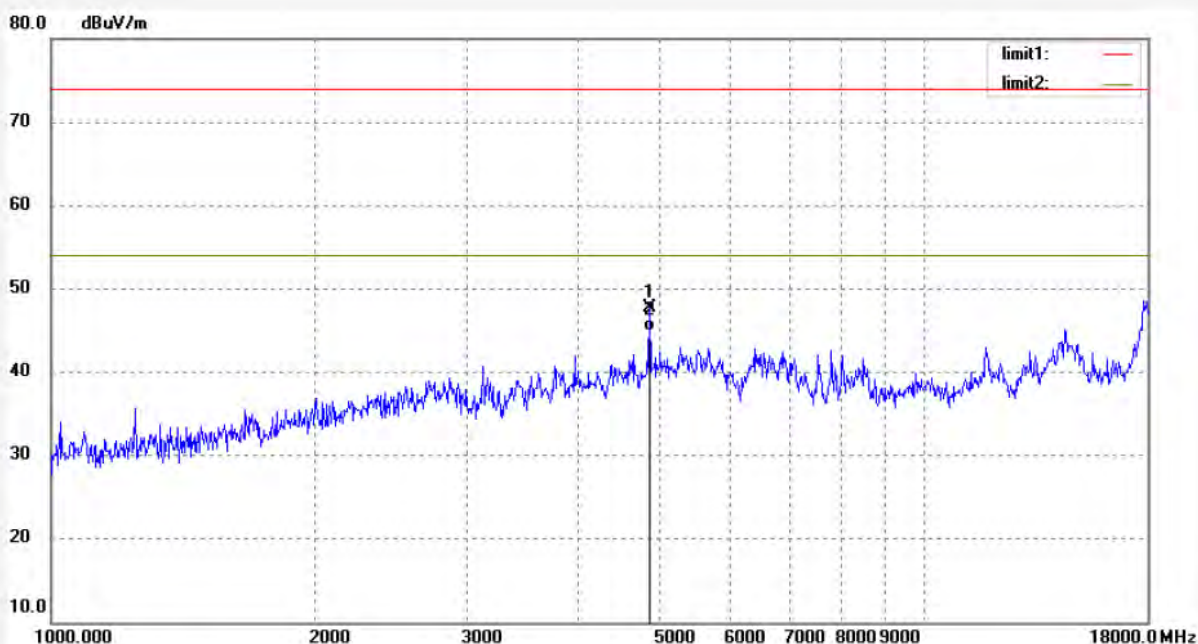
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: alen #718  
Standard: FCC PK  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 26 C / 60 %  
EUT: MID  
Mode: TX 2437MHz(802.11n)(40MHz)  
Model: PC741  
Manufacturer: Natural Sound

Polarization: Horizontal  
Power Source: AC 120V/60Hz  
Date: 13/04/29/  
Time: 8/58/41  
Engineer Signature:  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4874.000	47.74	-0.08	47.66	74.00	-26.34	peak			
2	4874.000	45.02	-0.08	44.94	54.00	-9.06	AVG			



# ACCURATE TECHNOLOGY CO., LTD.

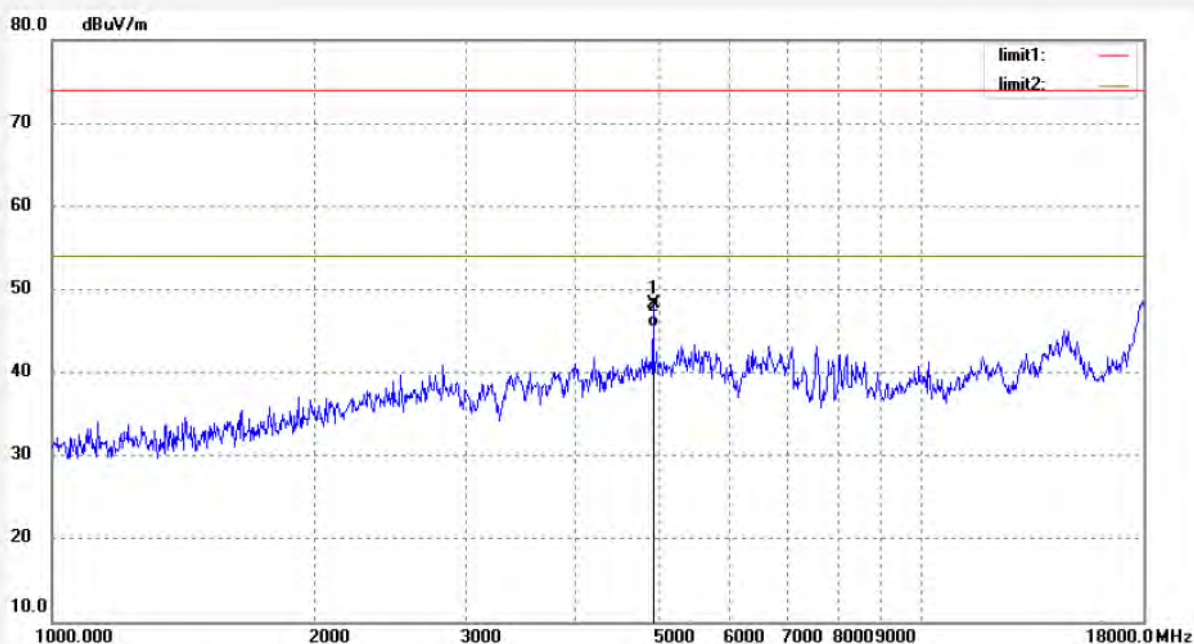
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: alen #719  
Standard: FCC PK  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 26 C / 60 %  
EUT: MID  
Mode: TX 2452MHz(802.11n)(40MHz)  
Model: PC741  
Manufacturer: Natural Sound

Polarization: Horizontal  
Power Source: AC 120V/60Hz  
Date: 13/04/29/  
Time: 8/59/11  
Engineer Signature:  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4904.000	47.96	0.30	48.26	74.00	-25.74	peak			
2	4904.000	45.12	0.30	45.42	54.00	-8.58	AVG			



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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #720

Standard: FCC PK

Test item: Radiation Test

Temp.( C)/Hum.(%) 26 C / 60 %

EUT: MID

Mode: TX 2452MHz(802.11n)(40MHz)

Model: PC741

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: AC 120V/60Hz

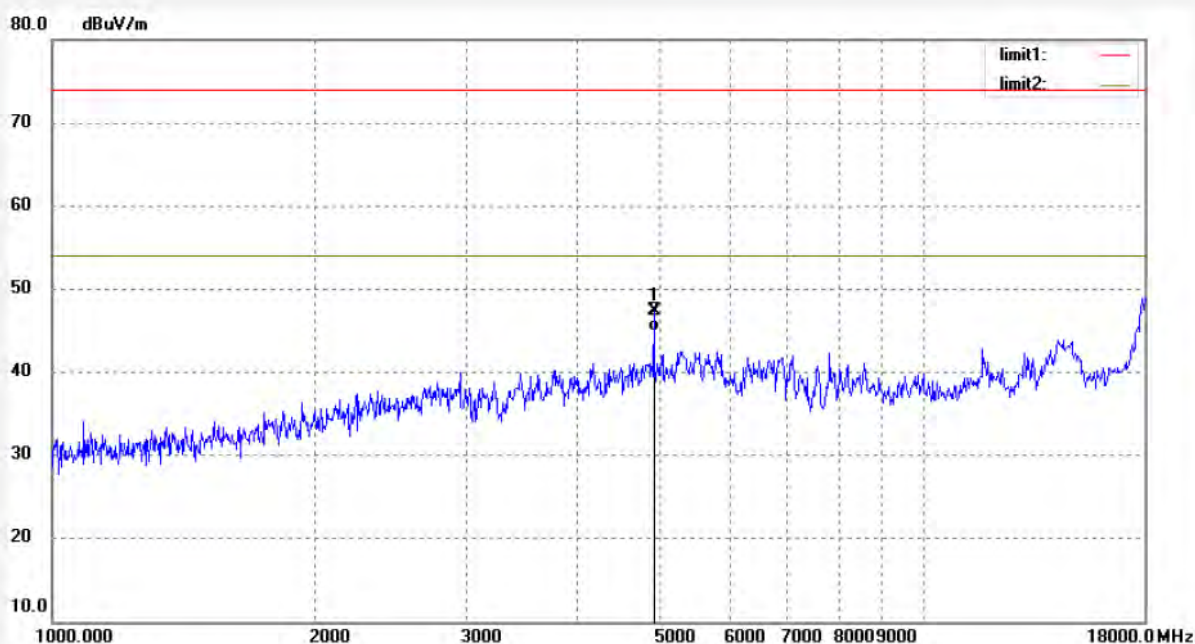
Date: 13/04/29/

Time: 8/59/29

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4904.000	47.08	0.30	47.38	74.00	-26.62	peak			
2	4904.000	44.65	0.30	44.95	54.00	-9.05	AVG			



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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #721

Standard: FCC PK

Test item: Radiation Test

Temp.( C)/Hum.(%) 26 C / 60 %

EUT: MID

Mode: TX 2462MHz(802.11n)(20MHz)

Model: PC741

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: AC 120V/60Hz

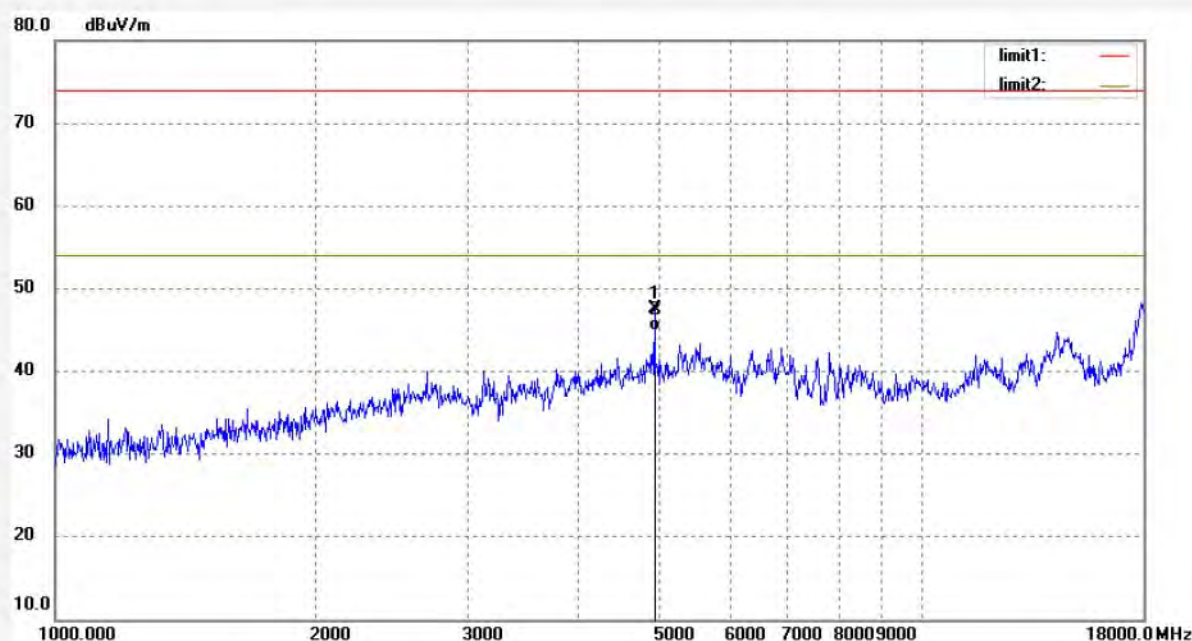
Date: 13/04/29/

Time: 8/59/50

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4924.000	47.23	0.30	47.53	74.00	-26.47	peak			
2	4924.000	44.68	0.30	44.98	54.00	-9.02	AVG			



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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #722

Standard: FCC PK

Test item: Radiation Test

Temp.( C)/Hum.(%) 26 C / 60 %

EUT: MID

Mode: TX 2462MHz(802.11n)(20MHz)

Model: PC741

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: AC 120V/60Hz

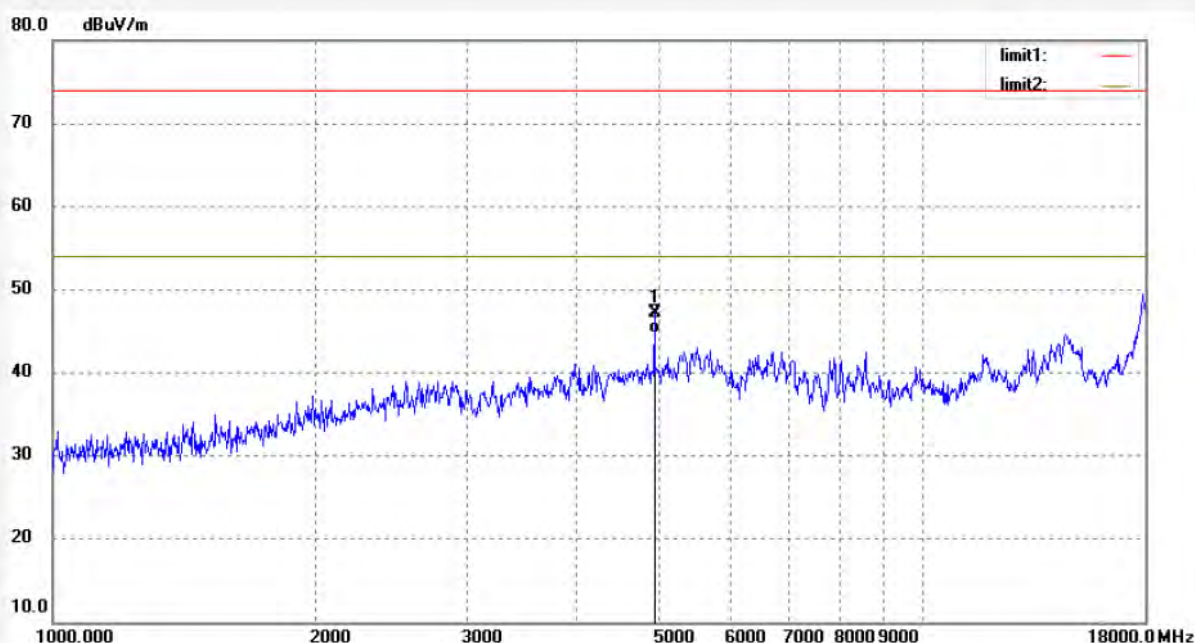
Date: 13/04/29/

Time: 9/03/20

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4924.000	46.91	0.30	47.21	74.00	-26.79	peak			
2	4924.000	44.36	0.30	44.66	54.00	-9.34	AVG			



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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #723

Standard: FCC PK

Test item: Radiation Test

Temp.( C)/Hum.(%) 26 C / 60 %

EUT: MID

Mode: TX 2437MHz(802.11n)(20MHz)

Model: PC741

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: AC 120V/60Hz

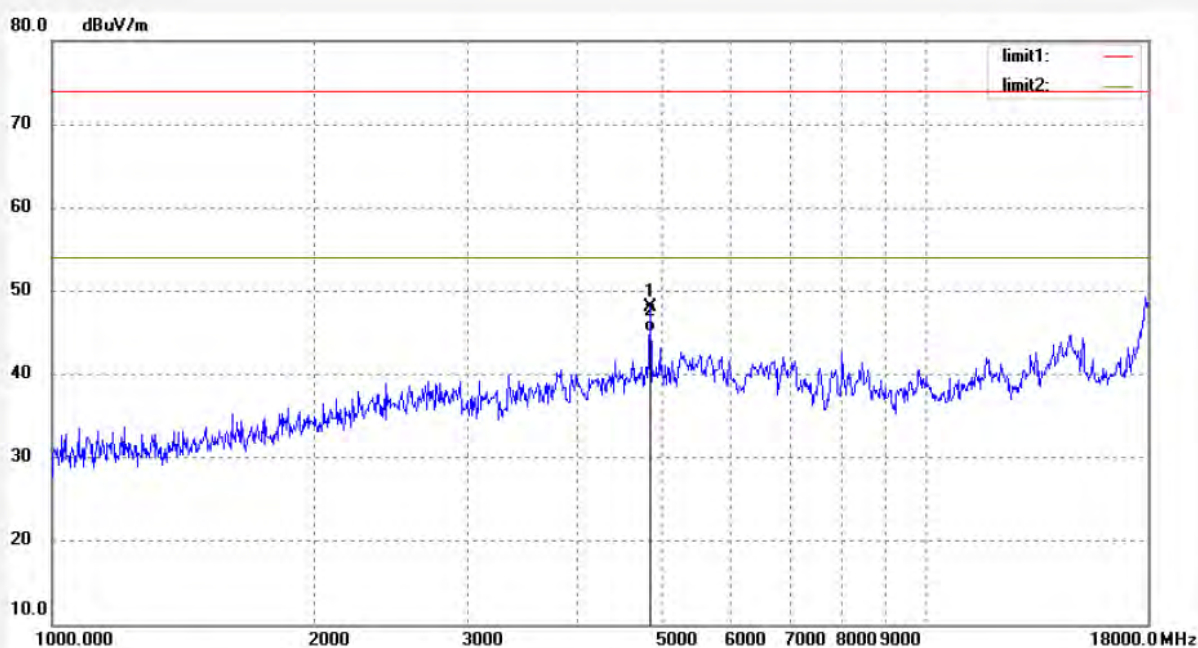
Date: 13/04/29/

Time: 9/03/39

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4874.000	48.23	-0.08	48.15	74.00	-25.85	peak			
2	4874.000	45.15	-0.08	45.07	54.00	-8.93	AVG			



# **ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #724

Standard: FCC PK

Test item: Radiation Test

Temp.( C)/Hum.(%) 26 C / 60 %

EUT: MID

Mode: TX 2437MHz(802.11n)(20MHz)

Model: PC741

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: AC 120V/60Hz

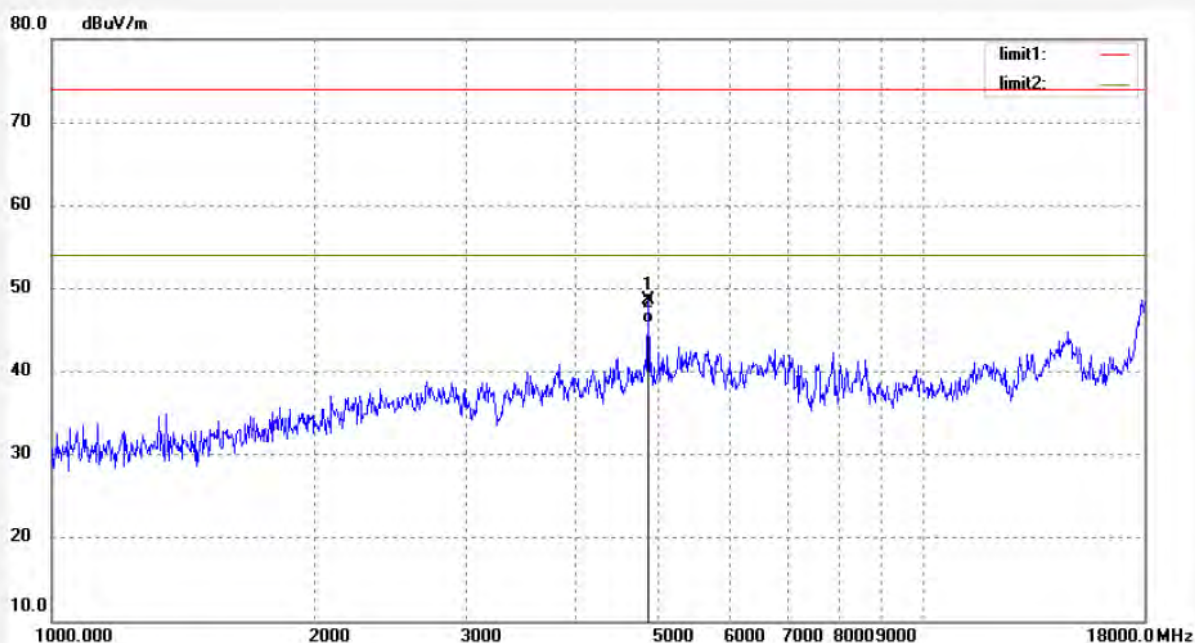
Date: 13/04/29/

Time: 9/04/08

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4874.000	48.66	-0.08	48.58	74.00	-25.42	peak			
2	4874.000	45.87	-0.08	45.79	54.00	-8.21	AVG			



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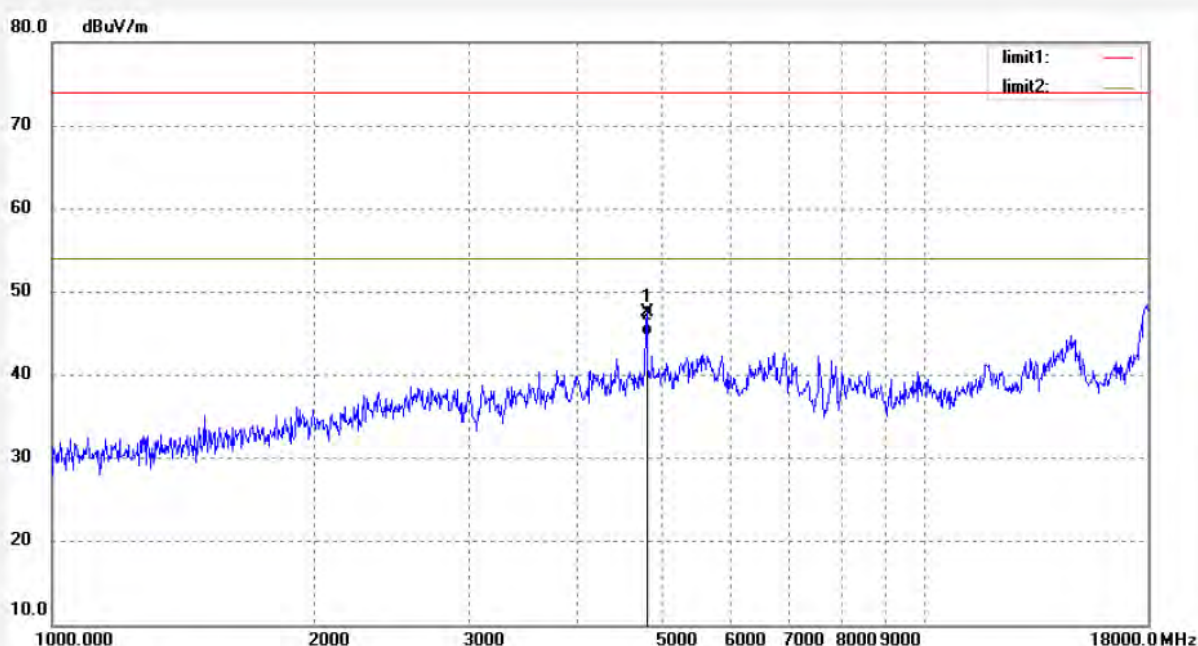
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: alen #725  
Standard: FCC PK  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 26 C / 60 %  
EUT: MID  
Mode: TX 2412MHz(802.11n)(20MHz)  
Model: PC741  
Manufacturer: Natural Sound

Polarization: Horizontal  
Power Source: AC 120V/60Hz  
Date: 13/04/29/  
Time: 9/04/30  
Engineer Signature:  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4824.000	47.76	-0.31	47.45	74.00	-26.55	peak			
2	4824.000	45.02	-0.31	44.71	54.00	-9.29	AVG			



# **ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #726

Standard: FCC PK

Test item: Radiation Test

Temp.( C)/Hum.(%) 26 C / 60 %

EUT: MID

Mode: TX 2412MHz(802.11n)(20MHz)

Model: PC741

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: AC 120V/60Hz

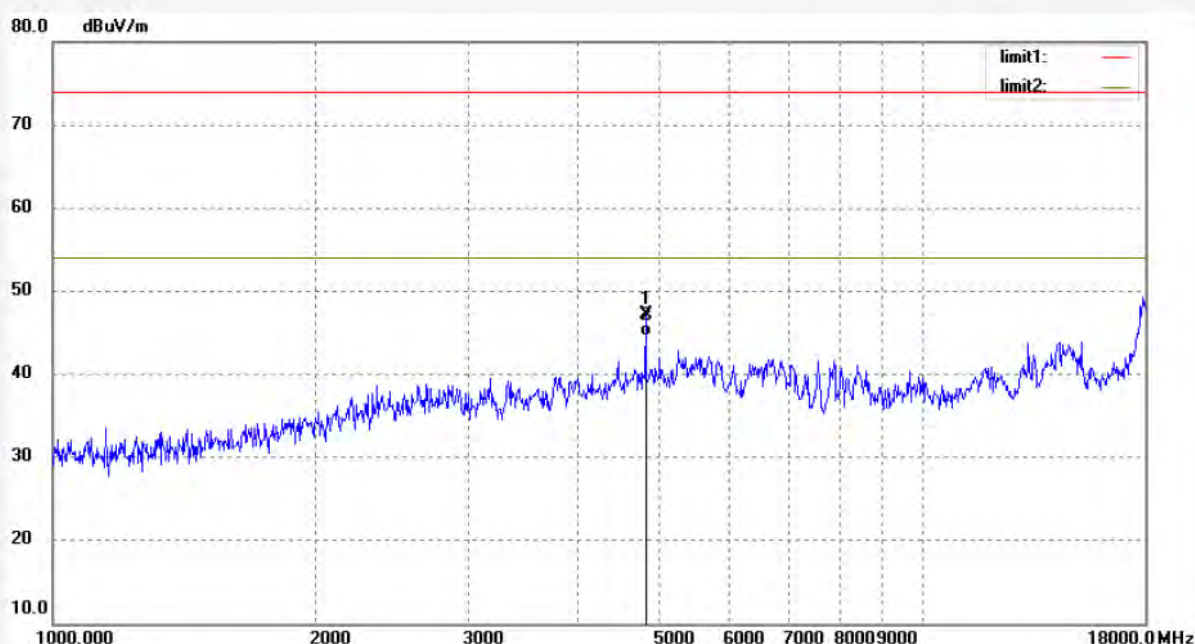
Date: 13/04/29/

Time: 9/04/53

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4824.000	47.53	-0.31	47.22	74.00	-26.78	peak			
2	4824.000	44.89	-0.31	44.58	54.00	-9.42	AVG			



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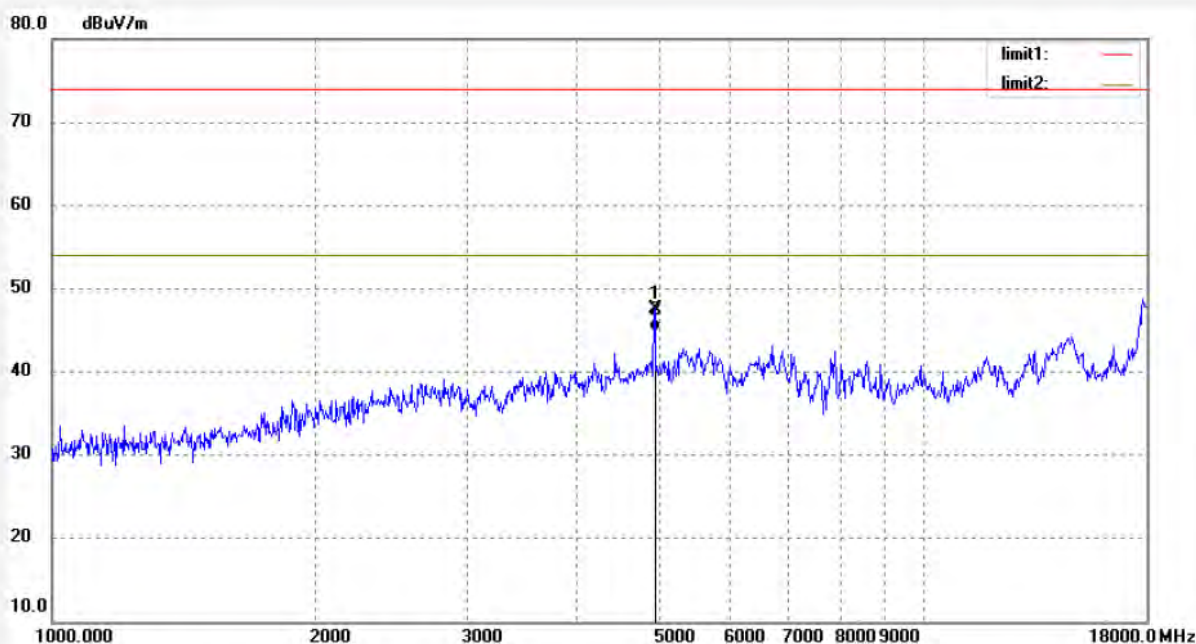
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: alen #727  
Standard: FCC PK  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 26 C / 60 %  
EUT: MID  
Mode: TX 2462MHz(802.11g)  
Model: PC741  
Manufacturer: Natural Sound

Polarization: Vertical  
Power Source: AC 120V/60Hz  
Date: 13/04/29/  
Time: 9/05/17  
Engineer Signature:  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4924.000	47.21	0.30	47.51	74.00	-26.49	peak			
2	4924.000	44.56	0.30	44.86	54.00	-9.14	AVG			


**ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #728

Standard: FCC PK

Test item: Radiation Test

Temp.( C)/Hum.(%) 26 C / 60 %

EUT: MID

Mode: TX 2462MHz(802.11g)

Model: PC741

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: AC 120V/60Hz

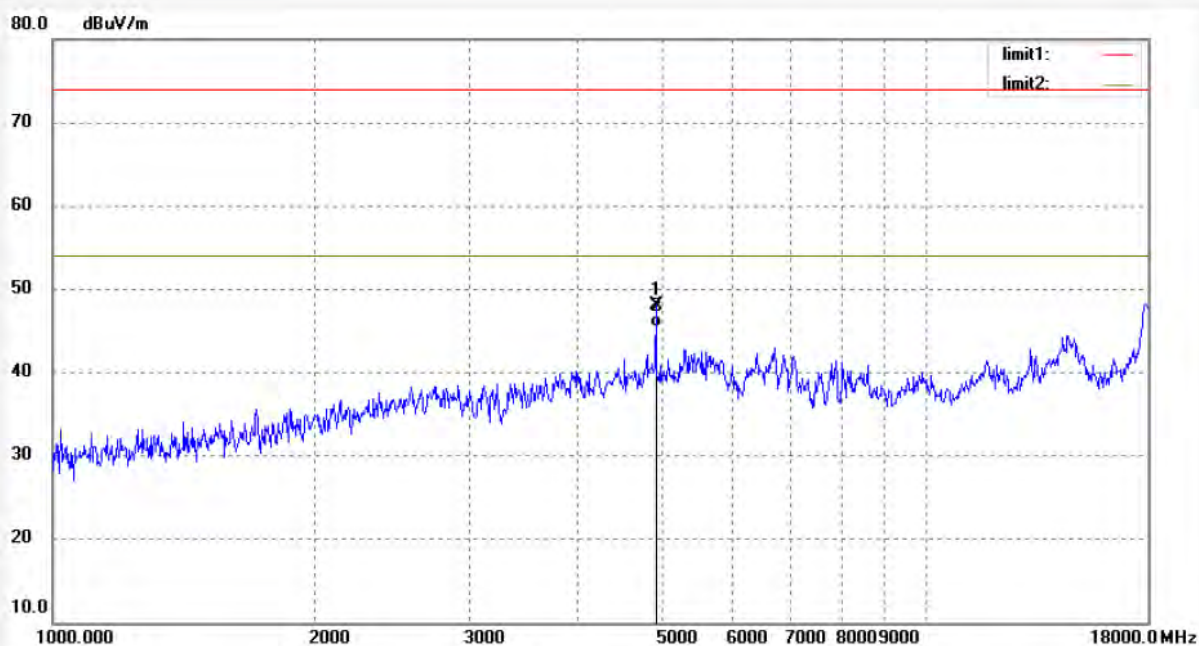
Date: 13/04/29/

Time: 9/05/32

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4924.000	47.74	0.30	48.04	74.00	-25.96	peak			
2	4924.000	45.12	0.30	45.42	54.00	-8.58	AVG			



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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #729

Standard: FCC PK

Test item: Radiation Test

Temp.( C)/Hum.(%) 26 C / 60 %

EUT: MID

Mode: TX 2437MHz(802.11g)

Model: PC741

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: AC 120V/60Hz

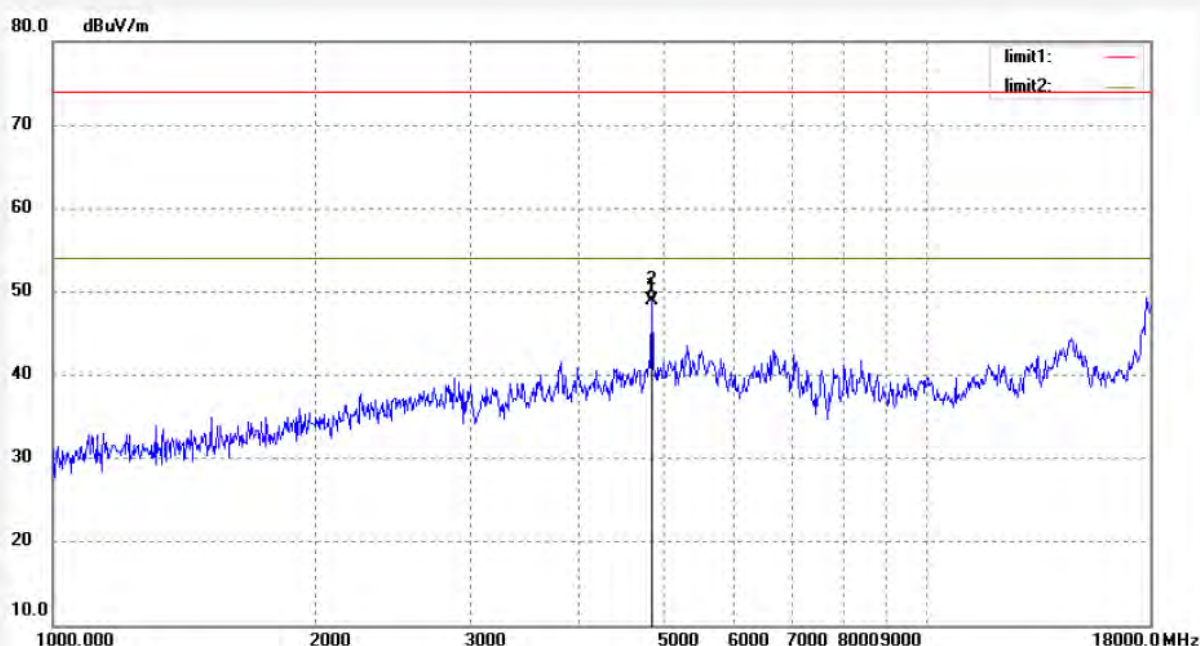
Date: 13/04/29/

Time: 9/05/51

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4874.000	48.94	-0.08	48.86	74.00	-25.14	peak			
2	4874.000	48.94	-0.08	48.86	54.00	-5.14	AVG			



# ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #730

Standard: FCC PK

Test item: Radiation Test

Temp.( C)/Hum.(%) 26 C / 60 %

EUT: MID

Mode: TX 2437MHz(802.11g)

Model: PC741

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: AC 120V/60Hz

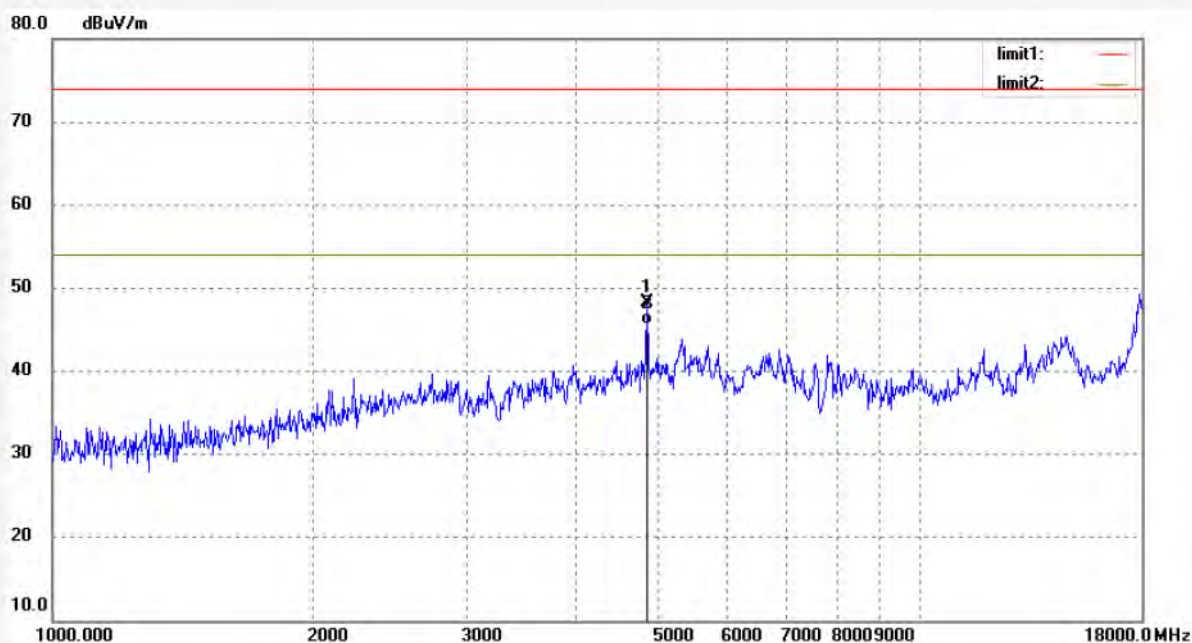
Date: 13/04/29/

Time: 9/06/13

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4874.000	48.33	-0.08	48.25	74.00	-25.75	peak			
2	4874.000	45.67	-0.08	45.59	54.00	-8.41	AVG			



# ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #731

Standard: FCC PK

Test item: Radiation Test

Temp.( C)/Hum.(%) 26 C / 60 %

EUT: MID

Mode: TX 2412MHz(802.11g)

Model: PC741

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: AC 120V/60Hz

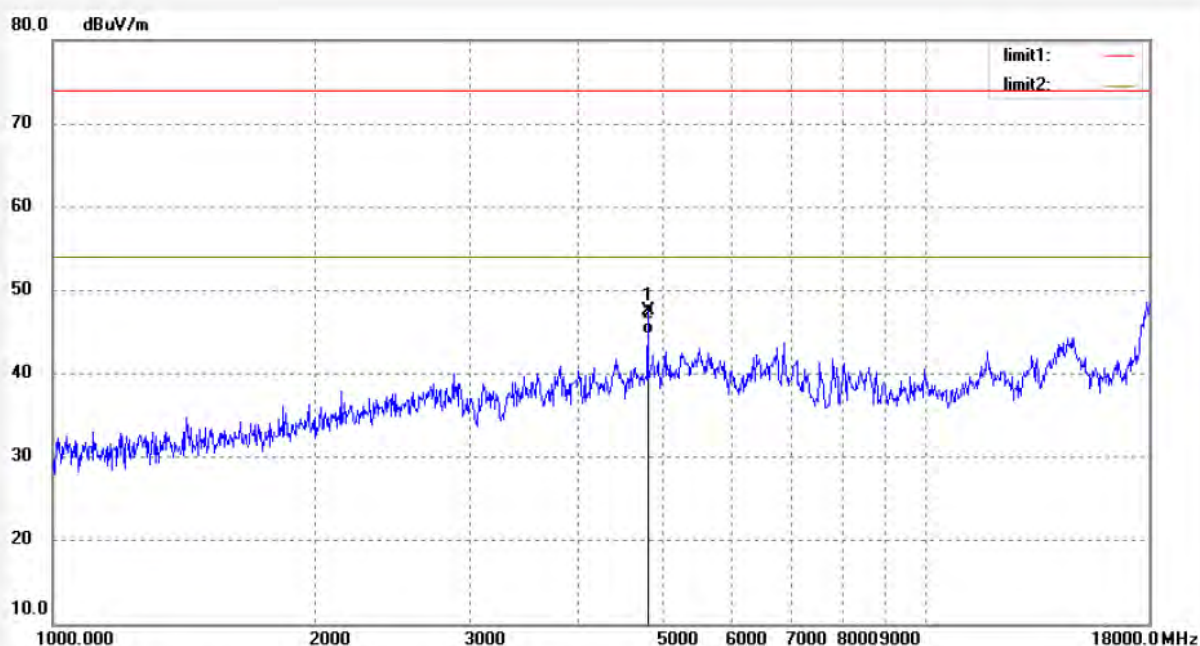
Date: 13/04/29/

Time: 9/06/37

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4824.000	47.80	-0.31	47.49	74.00	-26.51	peak			
2	4824.000	45.02	-0.31	44.71	54.00	-9.29	AVG			



# ACCURATE TECHNOLOGY CO., LTD.

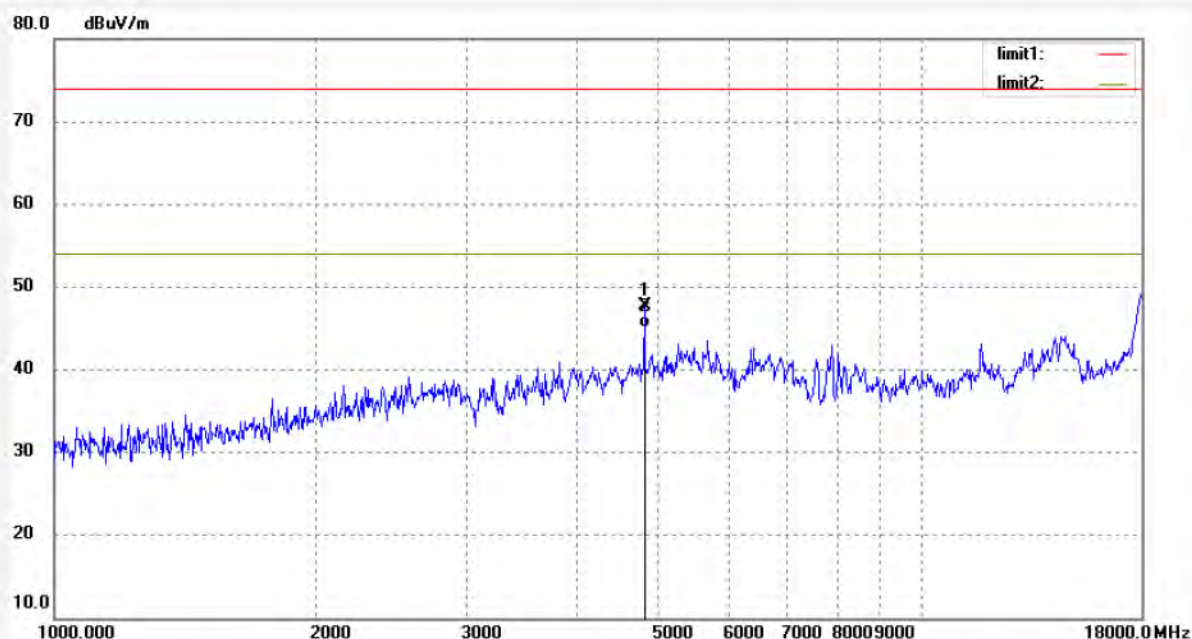
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: alen #732  
Standard: FCC PK  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 26 C / 60 %  
EUT: MID  
Mode: TX 2412MHz(802.11g)  
Model: PC741  
Manufacturer: Natural Sound

Polarization: Vertical  
Power Source: AC 120V/60Hz  
Date: 13/04/29/  
Time: 9/06/57  
Engineer Signature:  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4824.000	48.07	-0.31	47.76	74.00	-26.24	peak			
2	4824.000	45.36	-0.31	45.05	54.00	-8.95	AVG			



# **ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #733

Standard: FCC PK

Test item: Radiation Test

Temp.( C)/Hum.(%) 26 C / 60 %

EUT: MID

Mode: TX 2412MHz(802.11b)

Model: PC741

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: AC 120V/60Hz

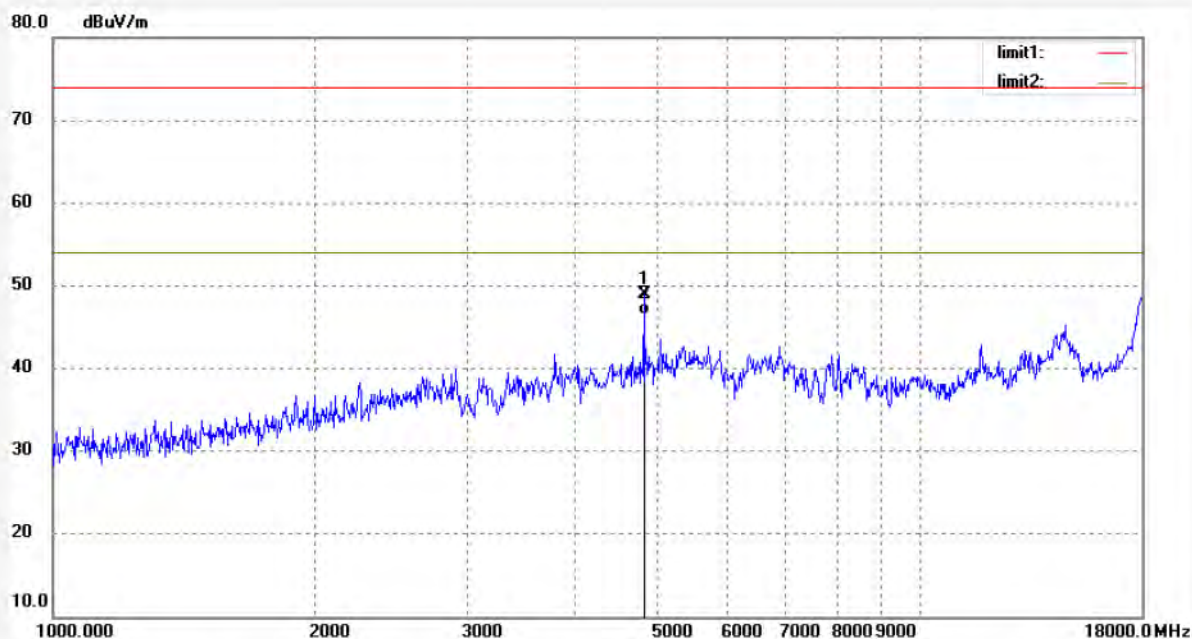
Date: 13/04/29/

Time: 9/07/19

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4824.000	49.26	-0.31	48.95	74.00	-25.05	peak			
2	4824.000	46.78	-0.31	46.47	54.00	-7.53	AVG			



# **ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #734

Standard: FCC PK

Test item: Radiation Test

Temp.( C)/Hum.(%) 26 C / 60 %

EUT: MID

Mode: TX 2412MHz(802.11b)

Model: PC741

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: AC 120V/60Hz

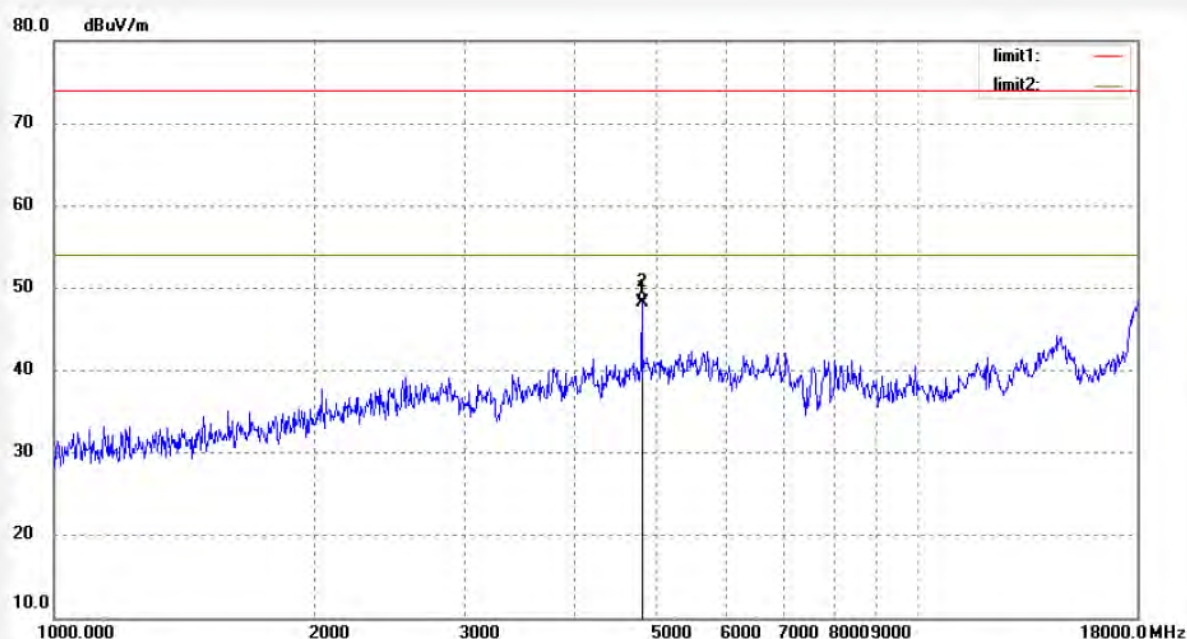
Date: 13/04/29/

Time: 9/07/38

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4824.000	48.49	-0.31	48.18	74.00	-25.82	peak			
2	4824.000	48.49	-0.31	48.18	54.00	-5.82	AVG			



# ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #735

Standard: FCC PK

Test item: Radiation Test

Temp.( C)/Hum.(%) 26 C / 60 %

EUT: MID

Mode: TX 2437MHz(802.11b)

Model: PC741

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: AC 120V/60Hz

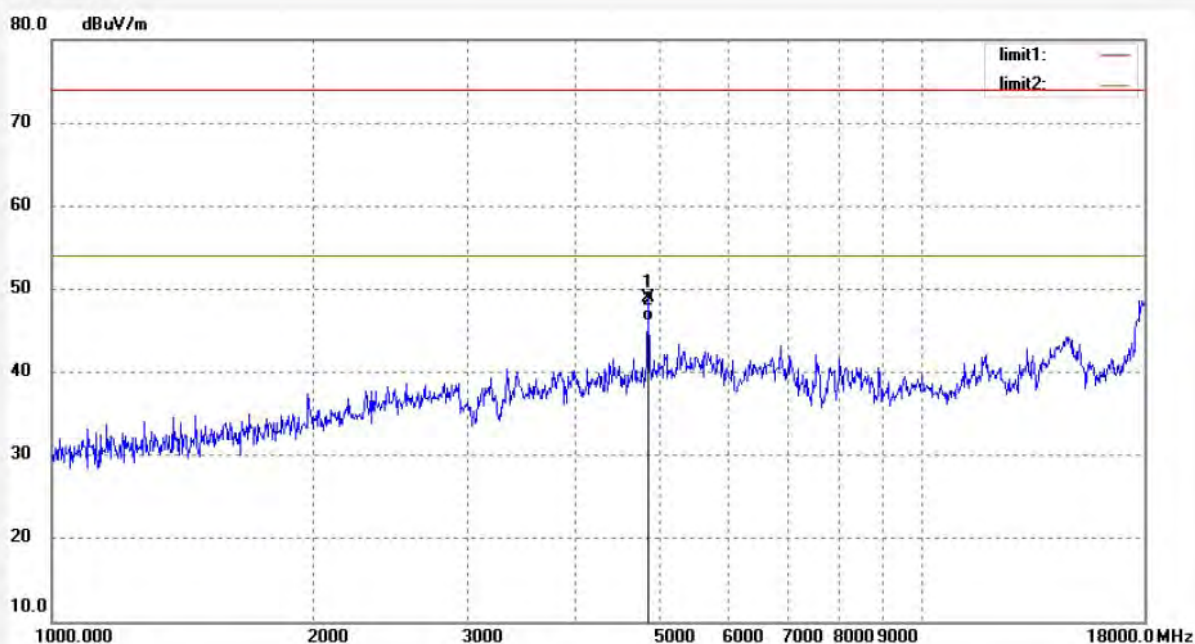
Date: 13/04/29/

Time: 9/08/01

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4874.000	48.94	-0.08	48.86	74.00	-25.14	peak			
2	4874.000	46.25	-0.08	46.17	54.00	-7.83	AVG			



# **ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #736

Standard: FCC PK

Test item: Radiation Test

Temp.( C)/Hum.(%) 26 C / 60 %

EUT: MID

Mode: TX 2437MHz(802.11b)

Model: PC741

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: AC 120V/60Hz

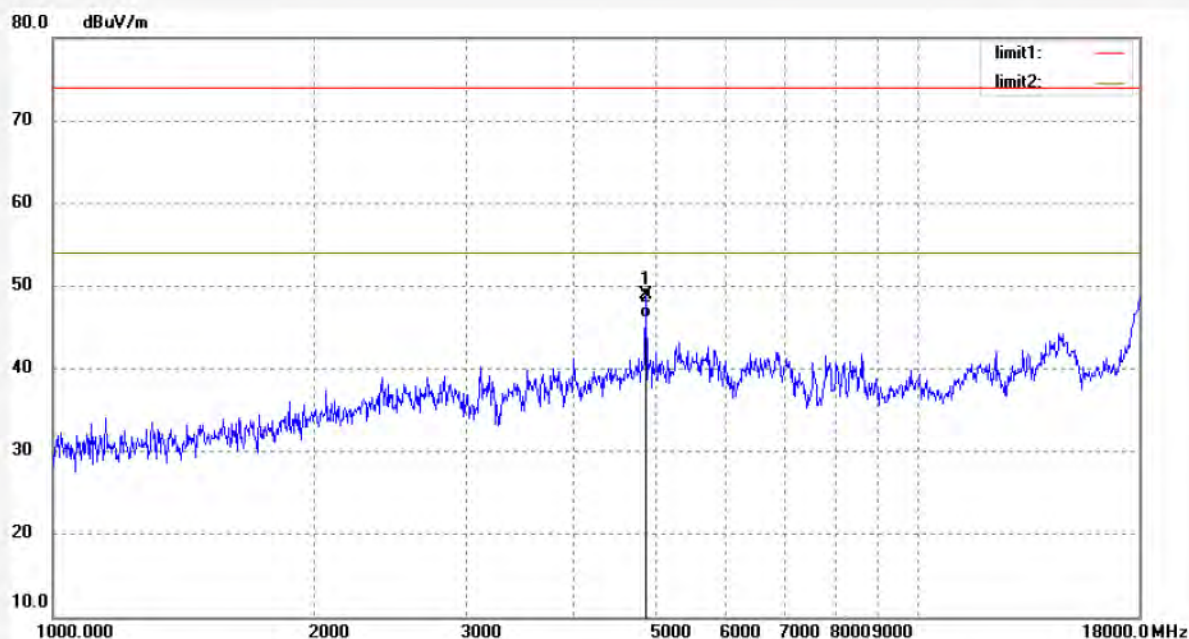
Date: 13/04/29/

Time: 9/08/28

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4874.000	49.06	-0.08	48.98	74.00	-25.02	peak			
2	4874.000	46.23	-0.08	46.15	54.00	-7.85	AVG			



# **ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #737

Standard: FCC PK

Test item: Radiation Test

Temp.( C)/Hum.(%) 26 C / 60 %

EUT: MID

Mode: TX 2462MHz(802.11b)

Model: PC741

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: AC 120V/60Hz

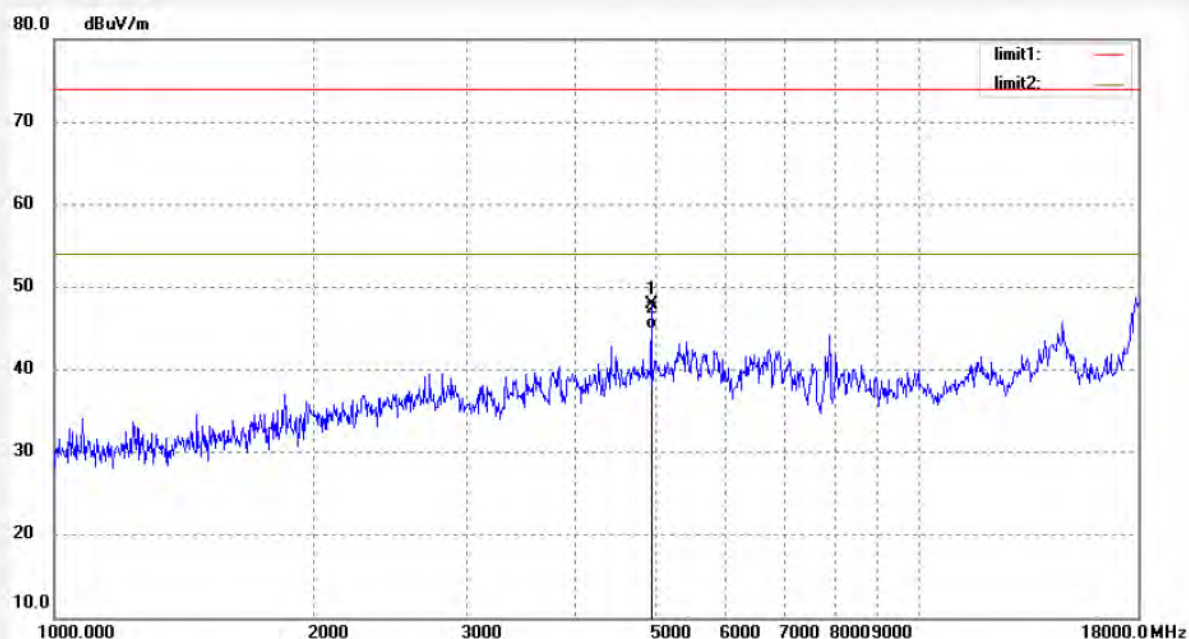
Date: 13/04/29/

Time: 9/08/43

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4924.000	47.54	0.30	47.84	74.00	-26.16	peak			
2	4924.000	44.65	0.30	44.95	54.00	-9.05	AVG			



# **ACCURATE TECHNOLOGY CO., LTD.**

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

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: alen #738

Standard: FCC PK

Test item: Radiation Test

Temp.( C)/Hum.(%) 26 C / 60 %

EUT: MID

Mode: TX 2462MHz(802.11b)

Model: PC741

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: AC 120V/60Hz

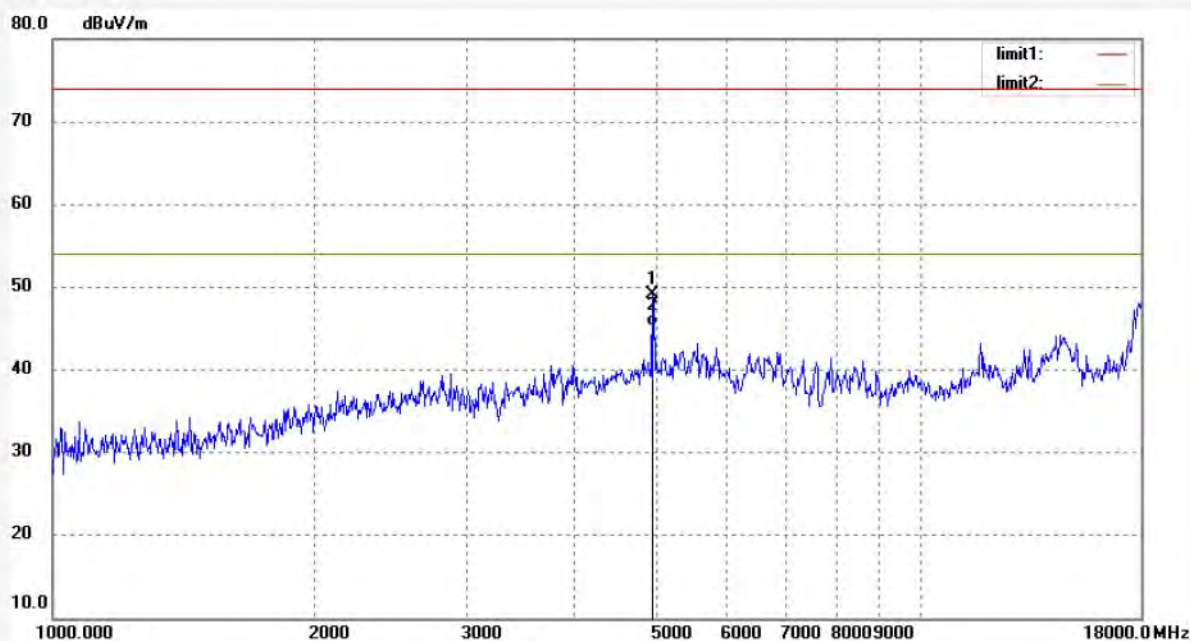
Date: 13/04/29/

Time: 9/09/03

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4924.000	48.76	0.30	49.06	74.00	-24.94	peak			
2	4924.000	45.01	0.30	45.31	54.00	-8.69	AVG			


**ACCURATE TECHNOLOGY CO., LTD.**

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.: ALEN #670

Standard: FCC 15C

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 1 (802.11b)

Model: PC741

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: AC 120V/60Hz

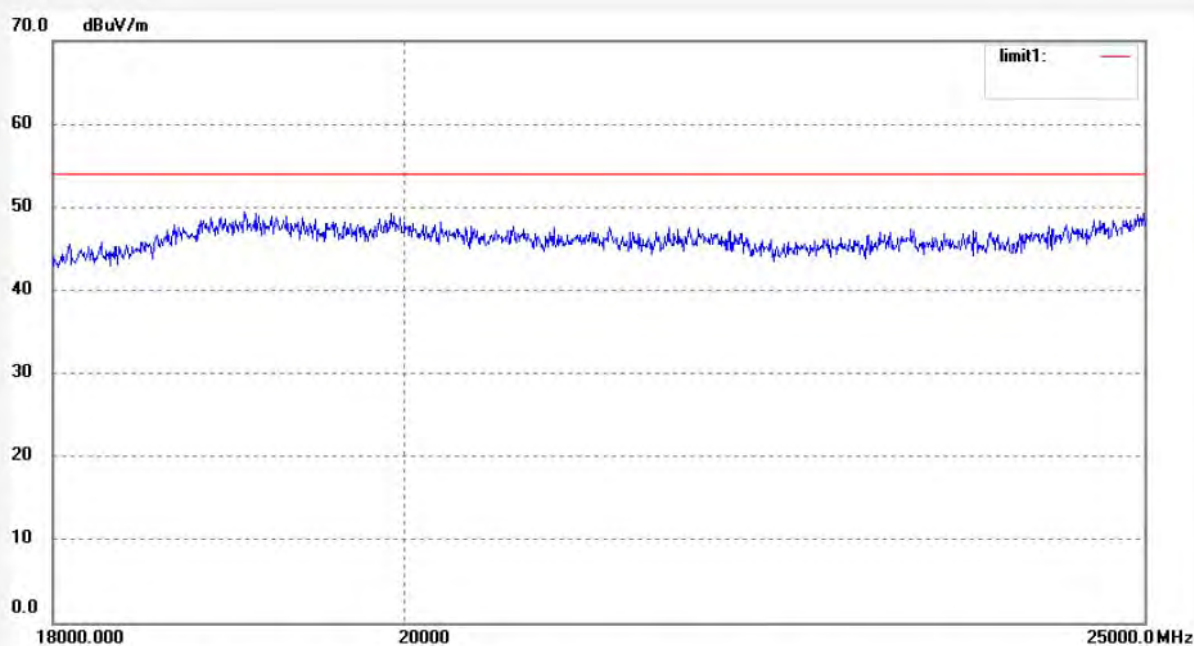
Date: 13/04/29/

Time: 11:07:15

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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**ACCURATE TECHNOLOGY CO., LTD.**

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.: ALEN #671

Standard: FCC 15C

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 1 (802.11b)

Model: PC741

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: AC 120V/60Hz

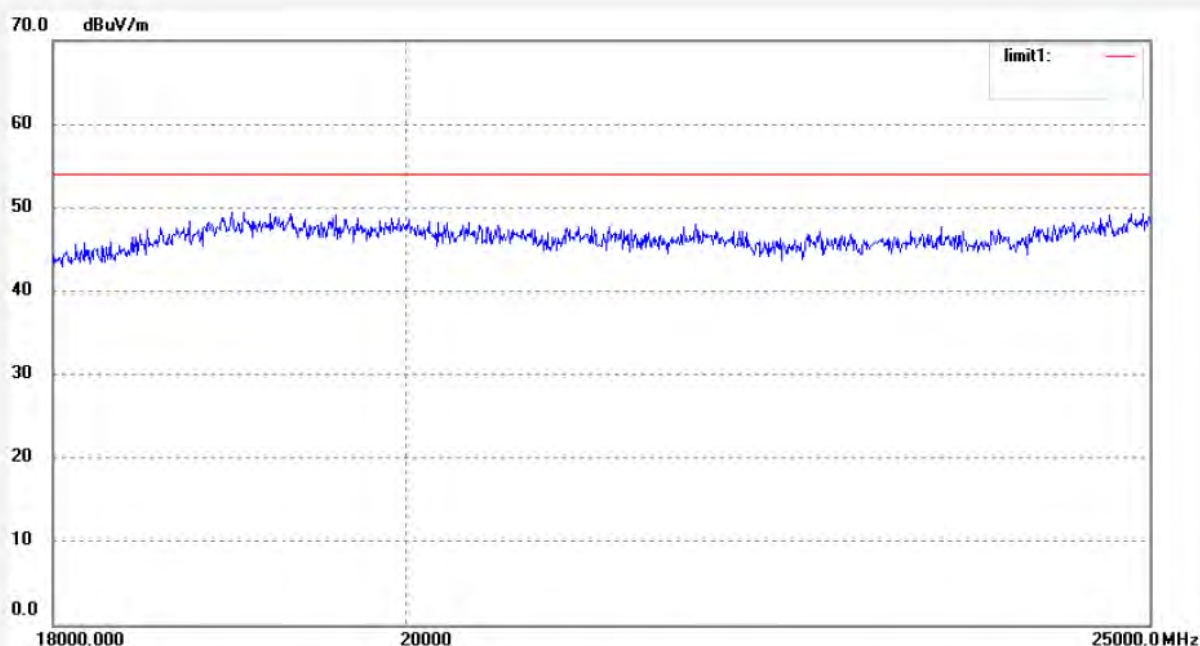
Date: 13/04/29/

Time: 11:09:22

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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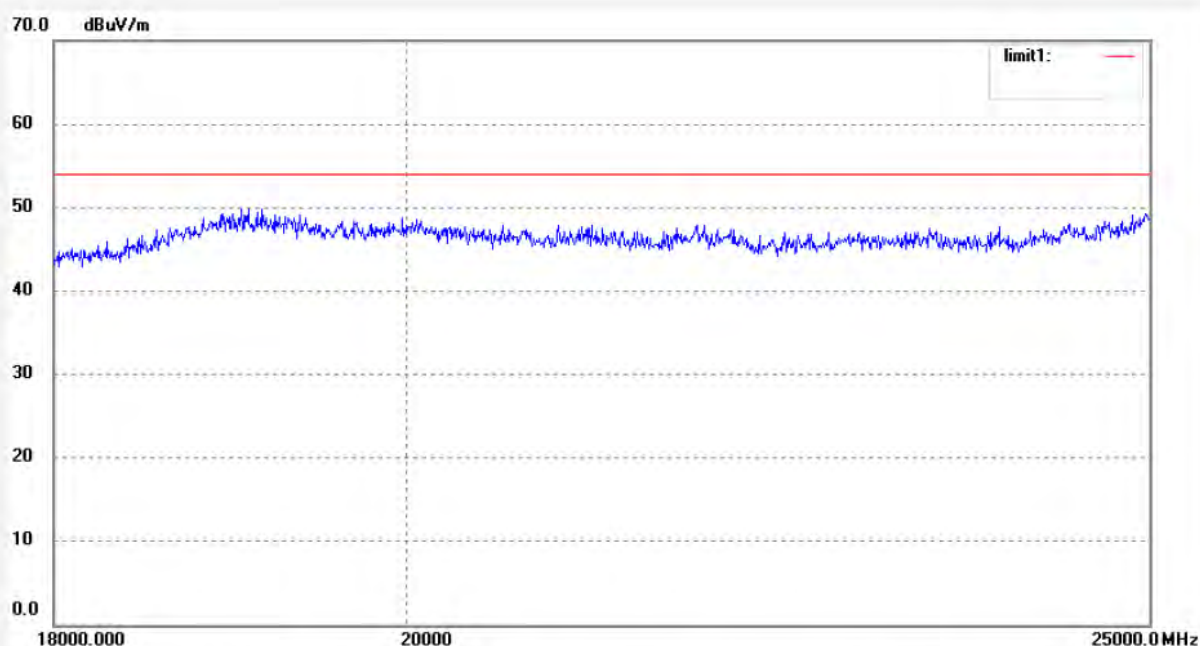
# **ACCURATE TECHNOLOGY CO., LTD.**

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.: ALEN #672	Polarization: Vertical
Standard: FCC 15C	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/29/
Temp.( C)/Hum.(%) 25 C / 50 %	Time: 11:14:45
EUT: MID	Engineer Signature:
Mode: TX Channel 6 (802.11b)	Distance: 3m
Model: PC741	
Manufacturer: Natural Sound	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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**ACCURATE TECHNOLOGY CO., LTD.**

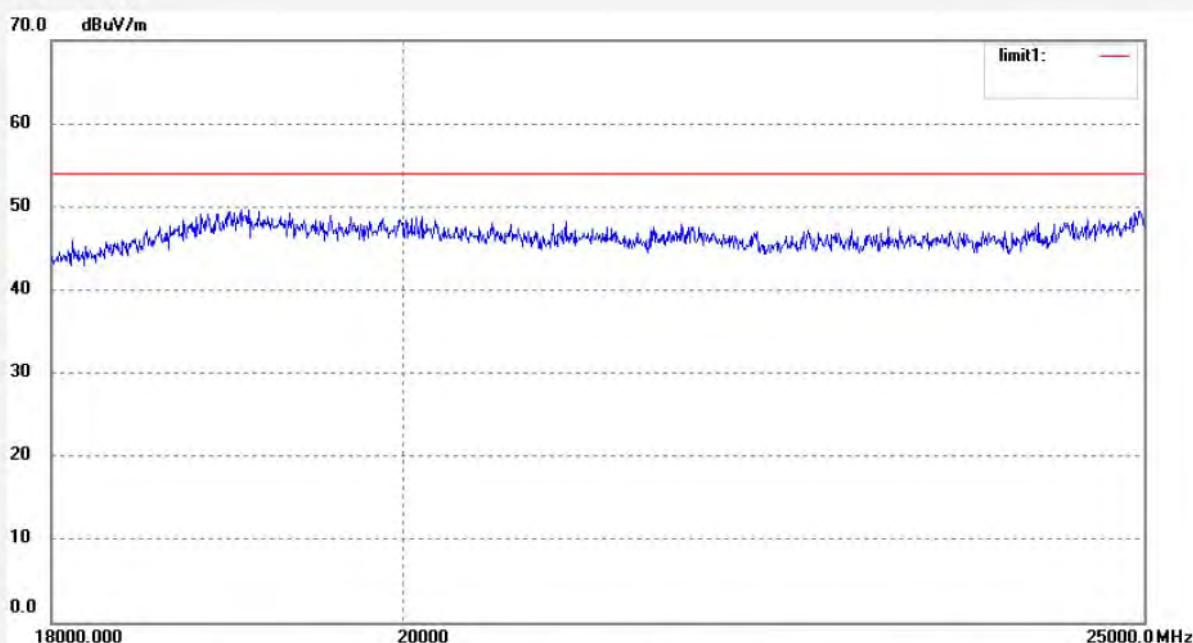
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: ALEN #673  
Standard: FCC 15C  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 25 C / 50 %  
EUT: MID  
Mode: TX Channel 6 (802.11b)  
Model: PC741  
Manufacturer: Natural Sound

Polarization: Horizontal  
Power Source: AC 120V/60Hz  
Date: 13/04/29/  
Time: 11:18:36  
Engineer Signature:  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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# ACCURATE TECHNOLOGY CO., LTD.

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.: ALEN #674

Standard: FCC 15C

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 11 (802.11b)

Model: PC741

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: AC 120V/60Hz

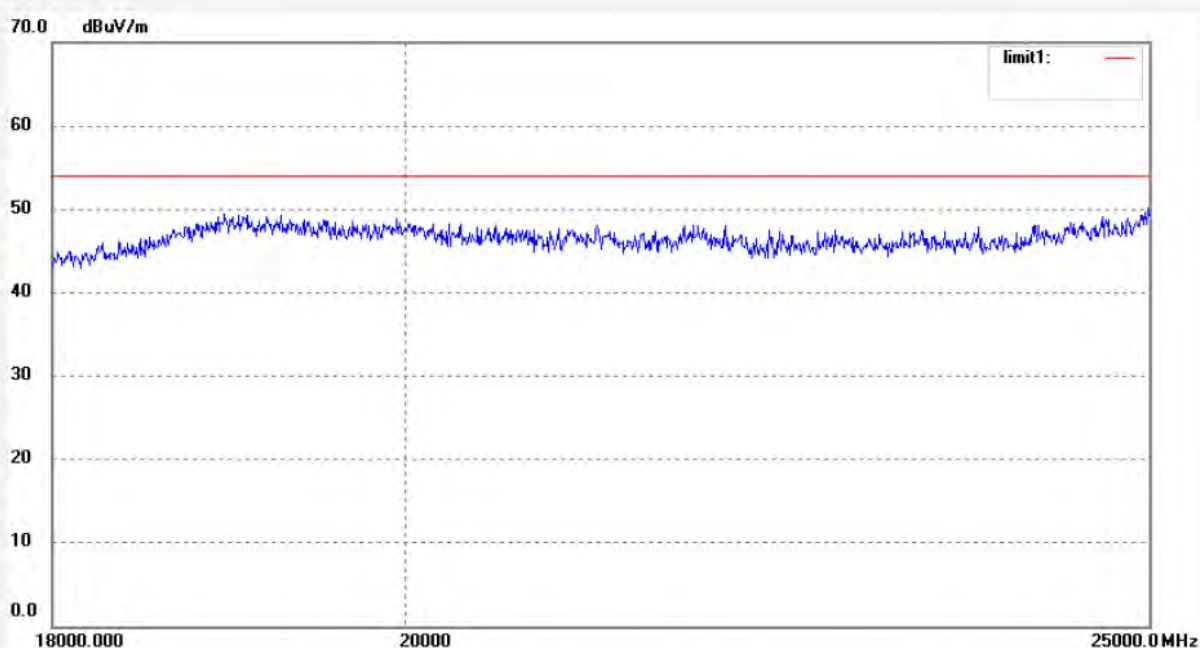
Date: 13/04/29/

Time: 11:23:55

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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**ACCURATE TECHNOLOGY CO., LTD.**

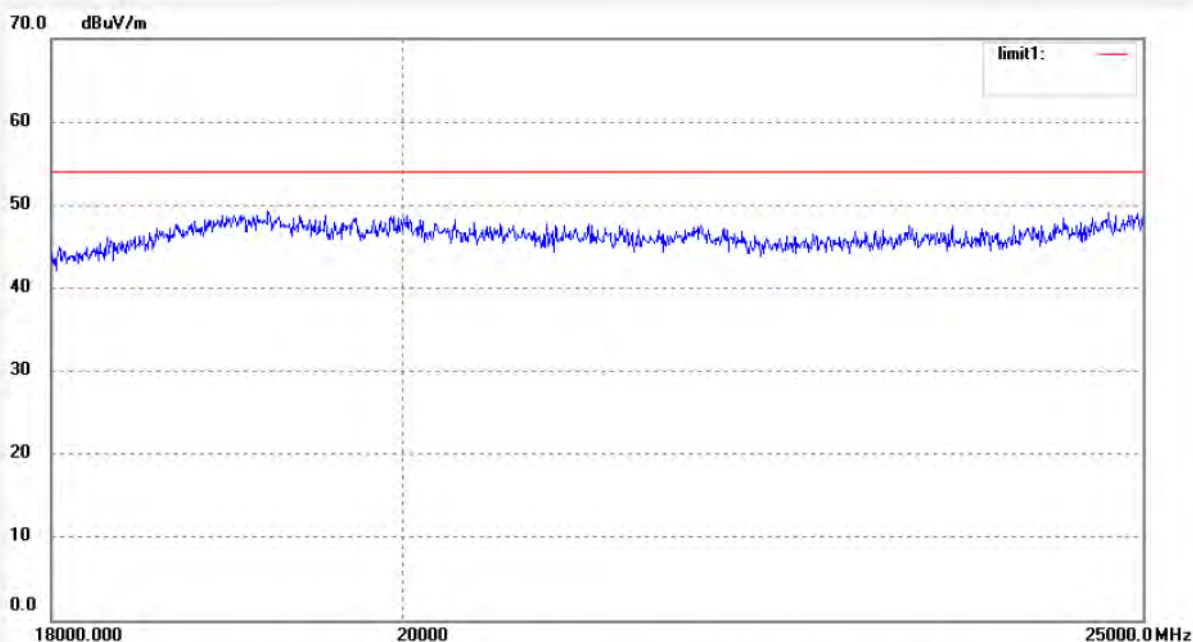
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: ALEN#675  
Standard: FCC 15C  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 25 C / 50 %  
EUT: MID  
Mode: TX Channel 11 (802.11b)  
Model: PC741  
Manufacturer: Natural Sound

Polarization: Vertical  
Power Source: AC 120V/60Hz  
Date: 13/04/29/  
Time: 11:27:11  
Engineer Signature:  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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**ACCURATE TECHNOLOGY CO., LTD.**

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.: ALEN #676

Standard: FCC 15C

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 1 (802.11g)

Model: PC741

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: AC 120V/60Hz

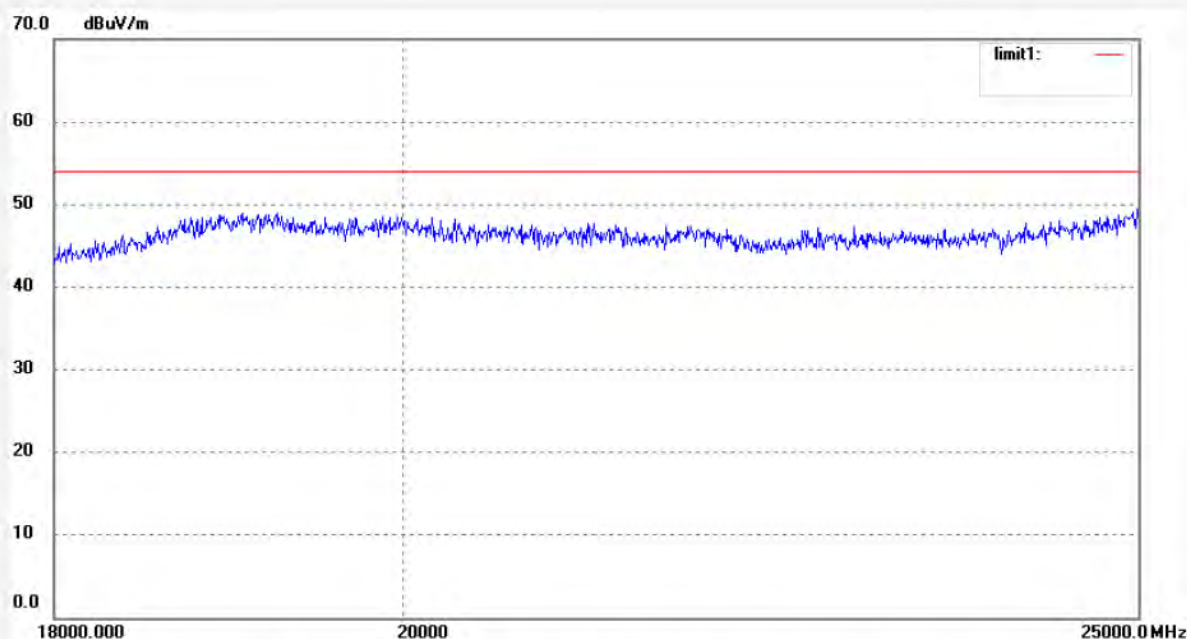
Date: 13/04/29/

Time: 11:32:05

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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**ACCURATE TECHNOLOGY CO., LTD.**

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.: ALEN #677

Standard: FCC 15C

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 1 (802.11g)

Model: PC741

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: AC 120V/60Hz

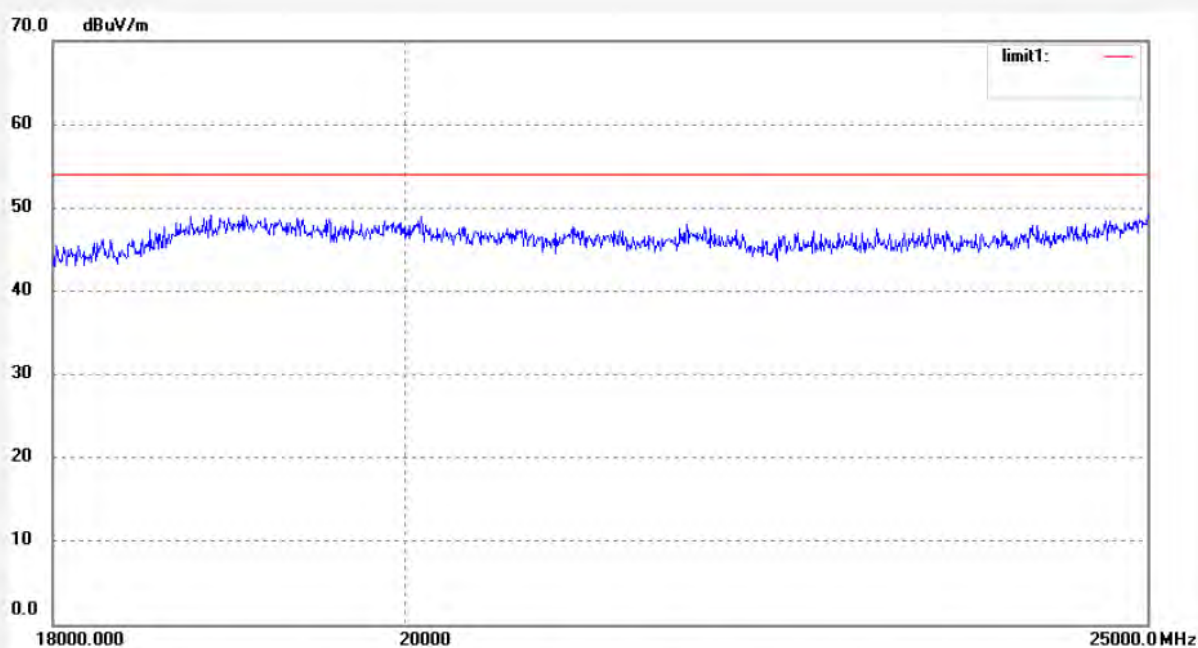
Date: 13/04/29/

Time: 11:35:56

Engineer Signature:

Distance: 3m

Note:



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


**ACCURATE TECHNOLOGY CO., LTD.**

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.: ALEN #678

Standard: FCC I5C

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 6 (802.11g)

Model: PC741

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: AC 120V/60Hz

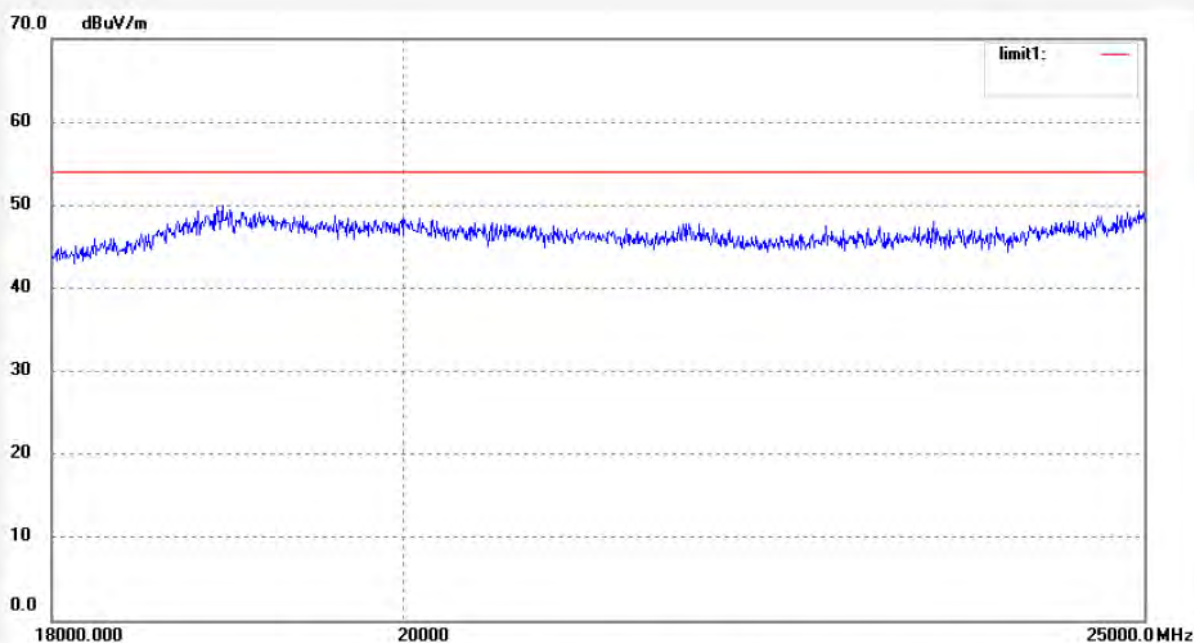
Date: 13/04/29/

Time: 11:38:38

Engineer Signature:

Distance: 3m

Note:



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


**ACCURATE TECHNOLOGY CO., LTD.**

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.: ALEN #679

Standard: FCC 15C

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 6 (802.11g)

Model: PC741

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: AC 120V/60Hz

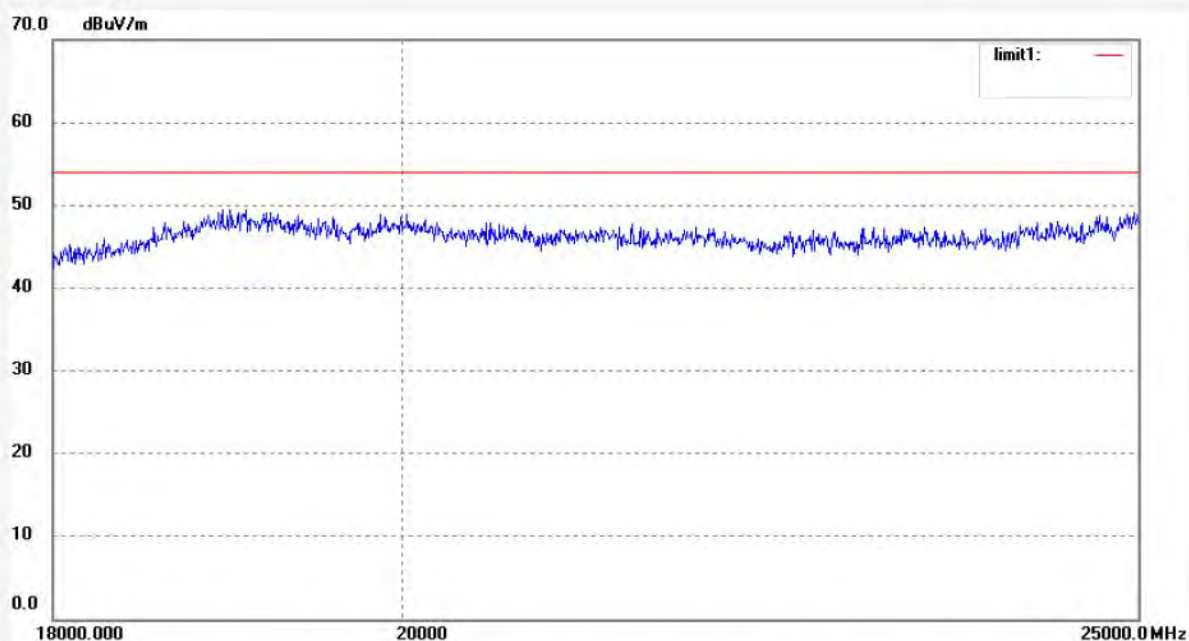
Date: 13/04/29/

Time: 11:43:17

Engineer Signature:

Distance: 3m

Note:



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


**ACCURATE TECHNOLOGY CO., LTD.**

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.: ALEN #680

Standard: FCC 15C

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 11 (802.11g)

Model: PC741

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: AC 120V/60Hz

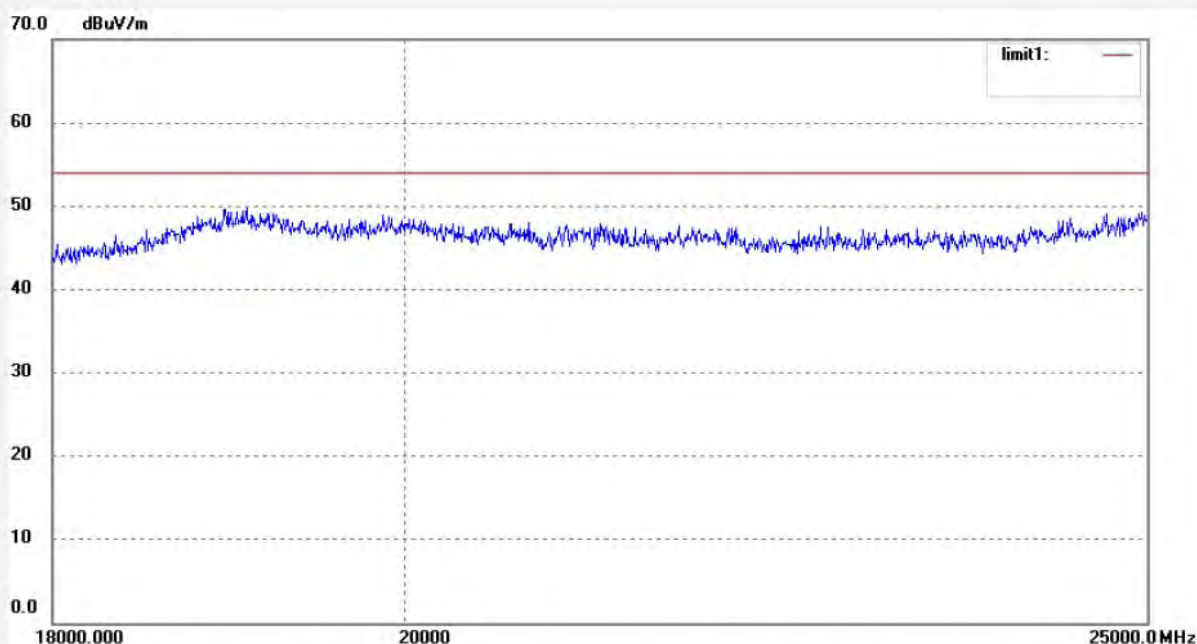
Date: 13/04/29/

Time: 11:47:55

Engineer Signature:

Distance: 3m

Note:



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

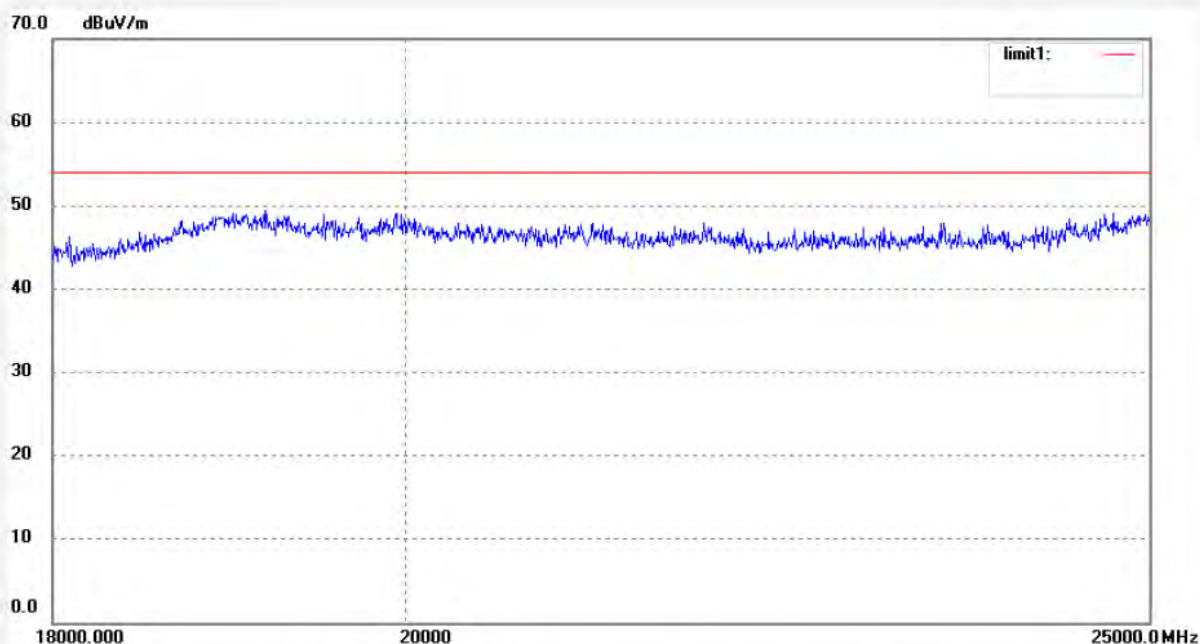

**ACCURATE TECHNOLOGY CO., LTD.**

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.: ALEN #681	Polarization: Horizontal
Standard: FCC 15C	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 13/04/29/
Temp.( C)/Hum.(%) 25 C / 50 %	Time: 11:50:47
EUT: MID	Engineer Signature:
Mode: TX Channel 11 (802.11g)	Distance: 3m
Model: PC741	
Manufacturer: Natural Sound	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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**ACCURATE TECHNOLOGY CO., LTD.**

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.: Alen #682

Standard: FCC 15C

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 11 (802.11n)

Model: PC741

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: AC 120V/60Hz

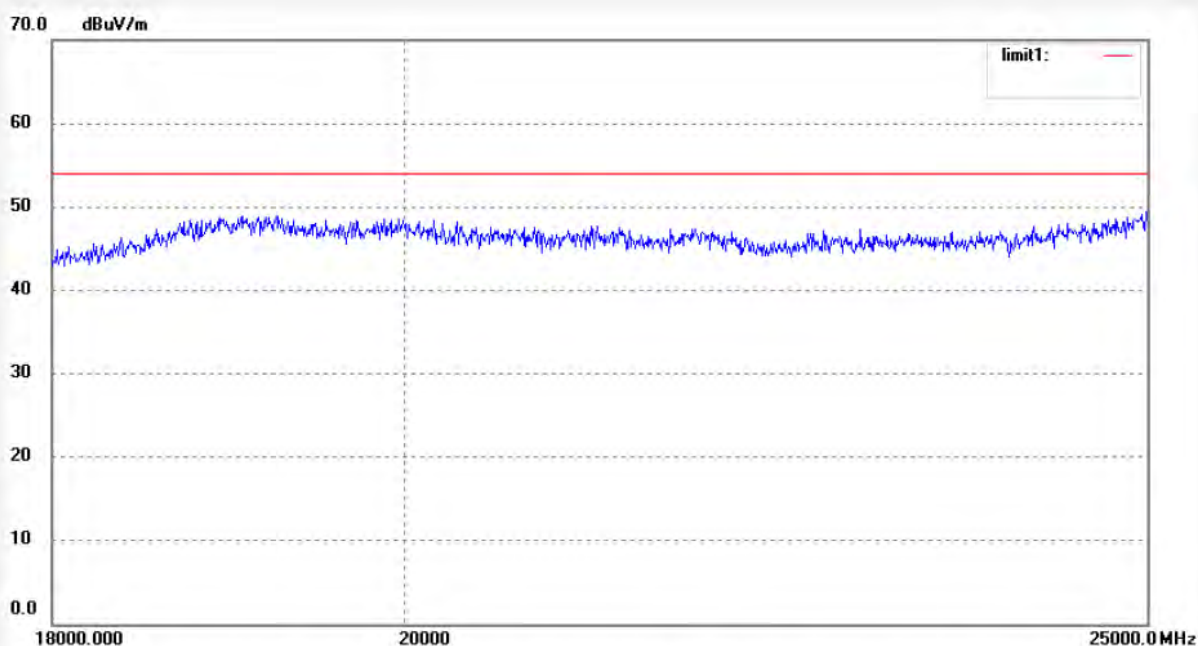
Date: 13/04/29/

Time: 12:41:05

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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**ACCURATE TECHNOLOGY CO., LTD.**

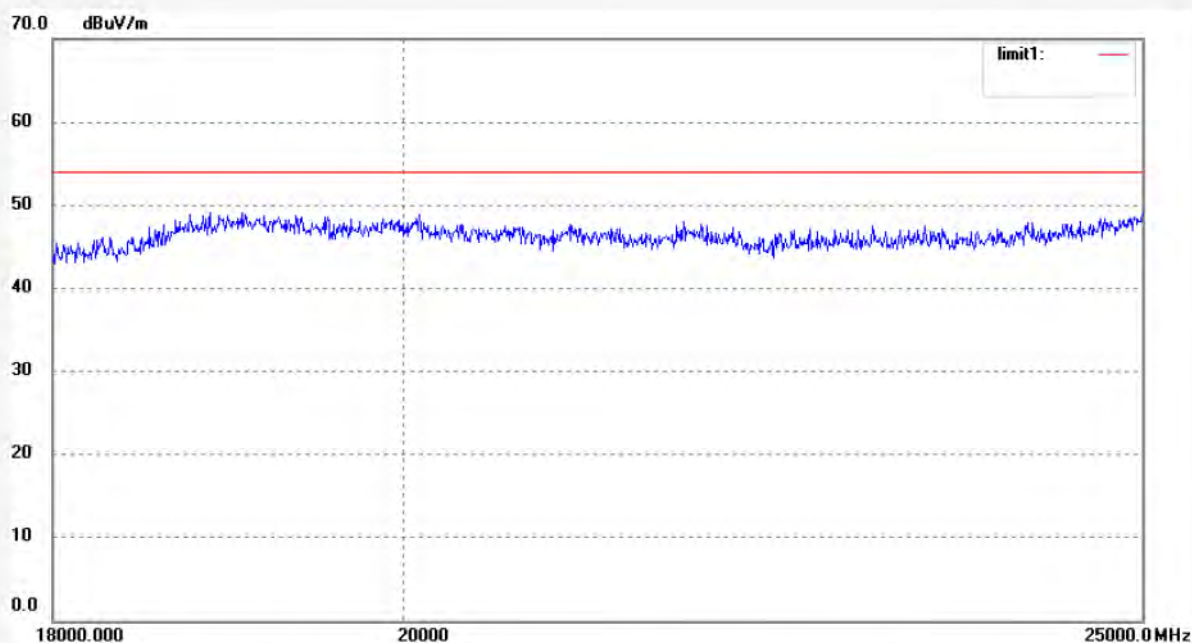
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: Alen #683  
Standard: FCC 15C  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 25 C / 50 %  
EUT: MID  
Mode: TX Channel 11 (802.11n)  
Model: PC741  
Manufacturer: Natural Sound

Polarization: Horizontal  
Power Source: AC 120V/60Hz  
Date: 13/04/29/  
Time: 12:42:56  
Engineer Signature:  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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# **ACCURATE TECHNOLOGY CO., LTD.**

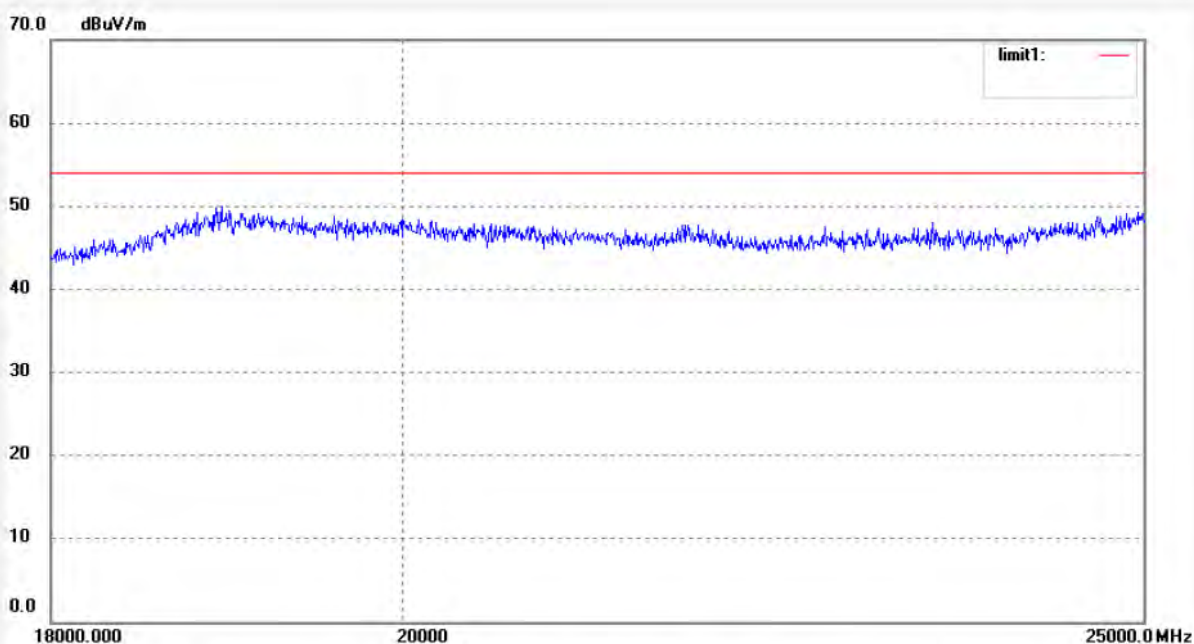
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: Alen #684  
Standard: FCC 15C  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 25 C / 50 %  
EUT: MID  
Mode: TX Channel 6 (802.11n)  
Model: PC741  
Manufacturer: Natural Sound

Polarization: Horizontal  
Power Source: AC 120V/60Hz  
Date: 13/04/29/  
Time: 12:44:38  
Engineer Signature:  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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**ACCURATE TECHNOLOGY CO., LTD.**

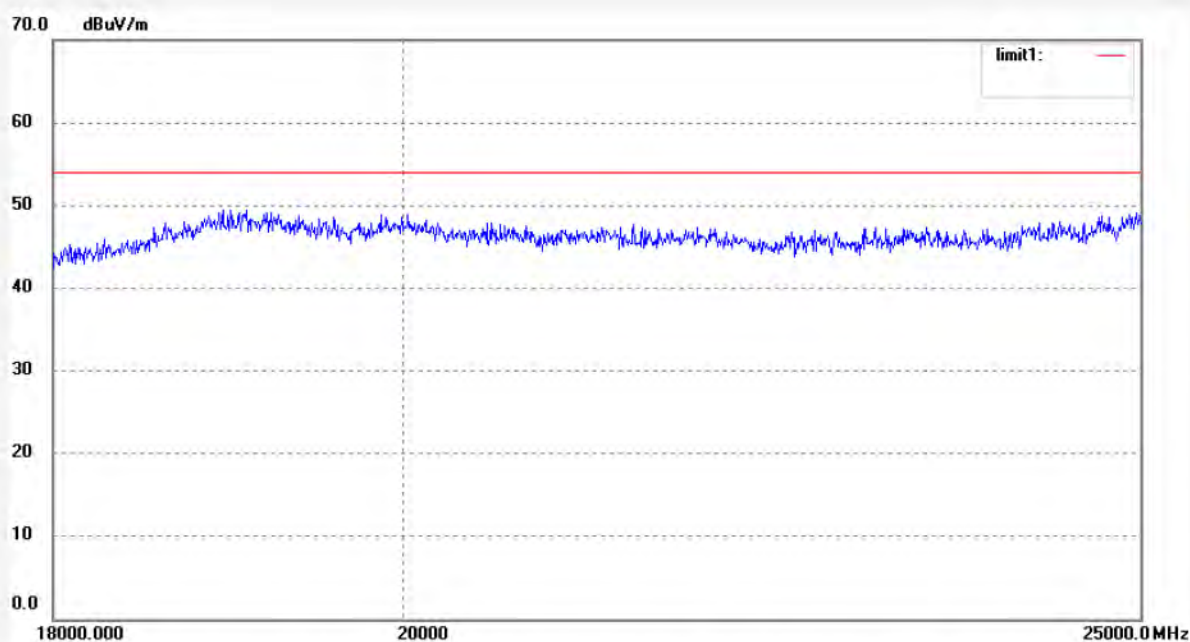
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: Alen #685  
Standard: FCC 15C  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 25 C / 50 %  
EUT: MID  
Mode: TX Channel 6 (802.11n)  
Model: PC741  
Manufacturer: Natural Sound

Polarization: Vertical  
Power Source: AC 120V/60Hz  
Date: 13/04/29/  
Time: 12:45:42  
Engineer Signature:  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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**ACCURATE TECHNOLOGY CO., LTD.**

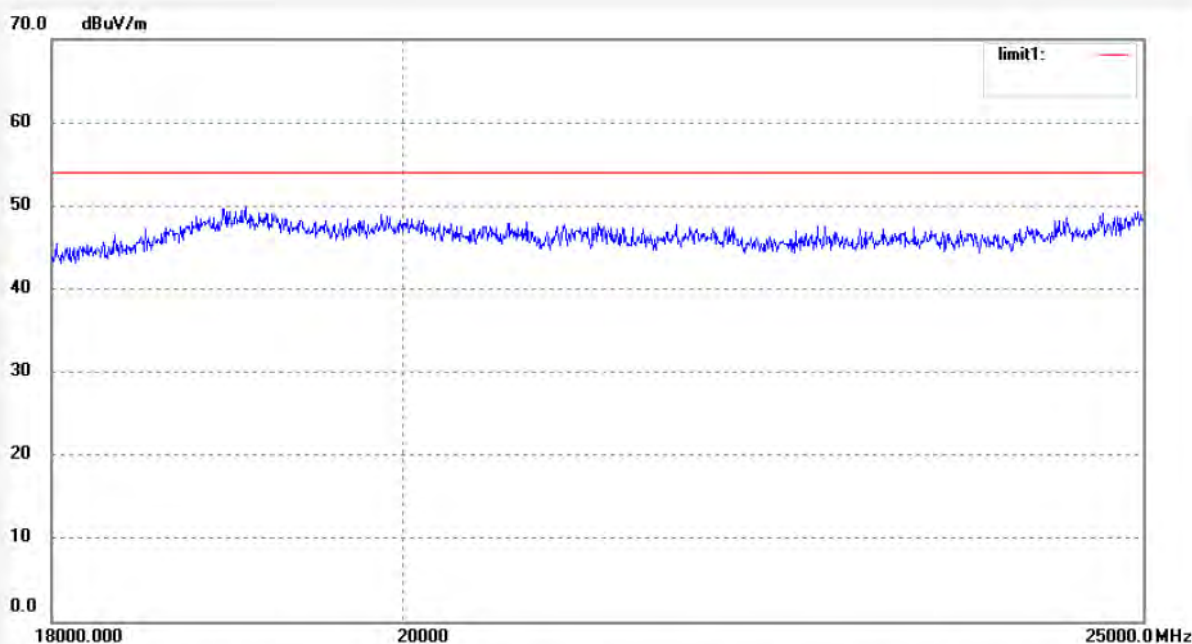
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: Alen #686  
Standard: FCC 15C  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 25 C / 50 %  
EUT: MID  
Mode: TX Channel 1 (802.11n)  
Model: PC741  
Manufacturer: Natural Sound

Polarization: Vertical  
Power Source: AC 120V/60Hz  
Date: 13/04/29/  
Time: 12:48:59  
Engineer Signature:  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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**ACCURATE TECHNOLOGY CO., LTD.**

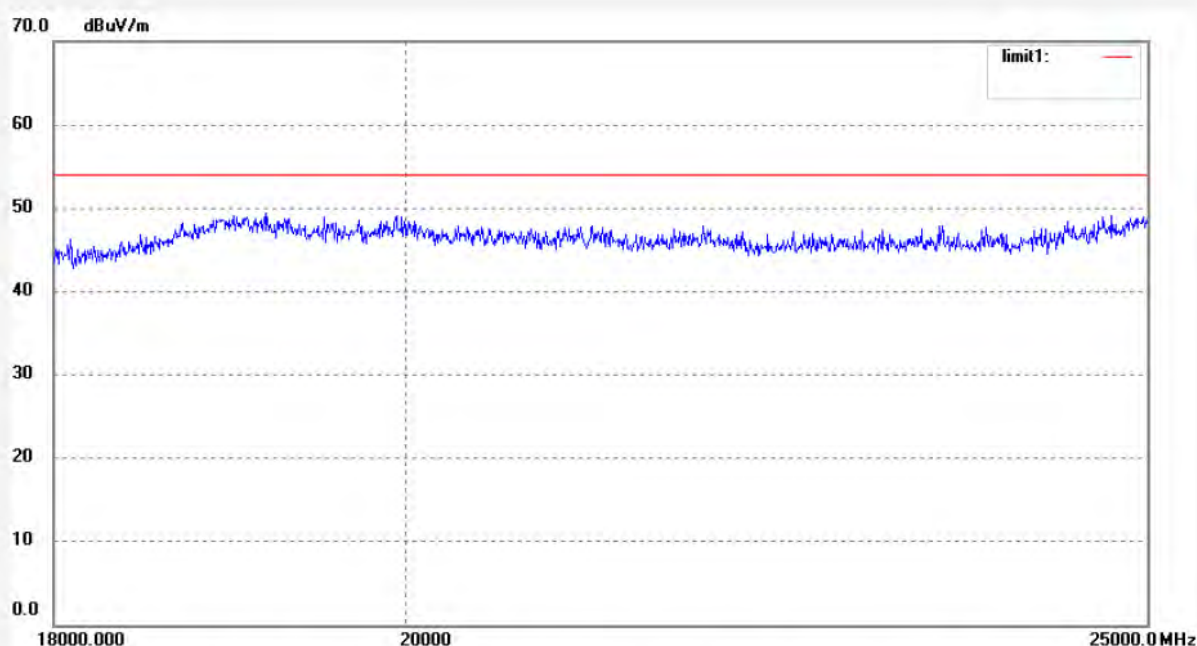
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: Alen #687  
Standard: FCC 15C  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 25 C / 50 %  
EUT: MID  
Mode: TX Channel 1 (802.11n)  
Model: PC741  
Manufacturer: Natural Sound

Polarization: Horizontal  
Power Source: AC 120V/60Hz  
Date: 13/04/29/  
Time: 12:52:35  
Engineer Signature: Alen  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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**ACCURATE TECHNOLOGY CO., LTD.**

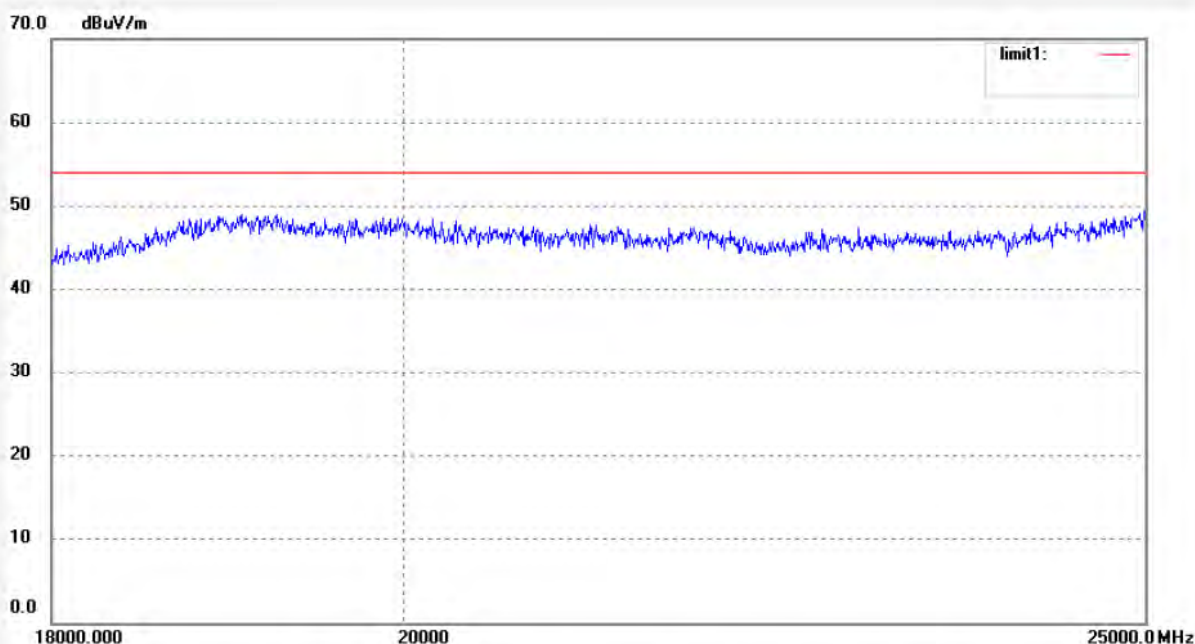
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: Alen #688  
Standard: FCC 15C  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 25 C / 50 %  
EUT: MID  
Mode: TX Channel 9 (802.11n)40MHz  
Model: PC741  
Manufacturer: Natural Sound

Polarization: Vertical  
Power Source: AC 120V/60Hz  
Date: 13/04/29/  
Time: 13:21:05  
Engineer Signature:  
Distance: 3m

Note:



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


**ACCURATE TECHNOLOGY CO., LTD.**

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.: Alen #689

Standard: FCC 15C

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 9 (802.11n)40MHz

Model: PC741

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: AC 120V/60Hz

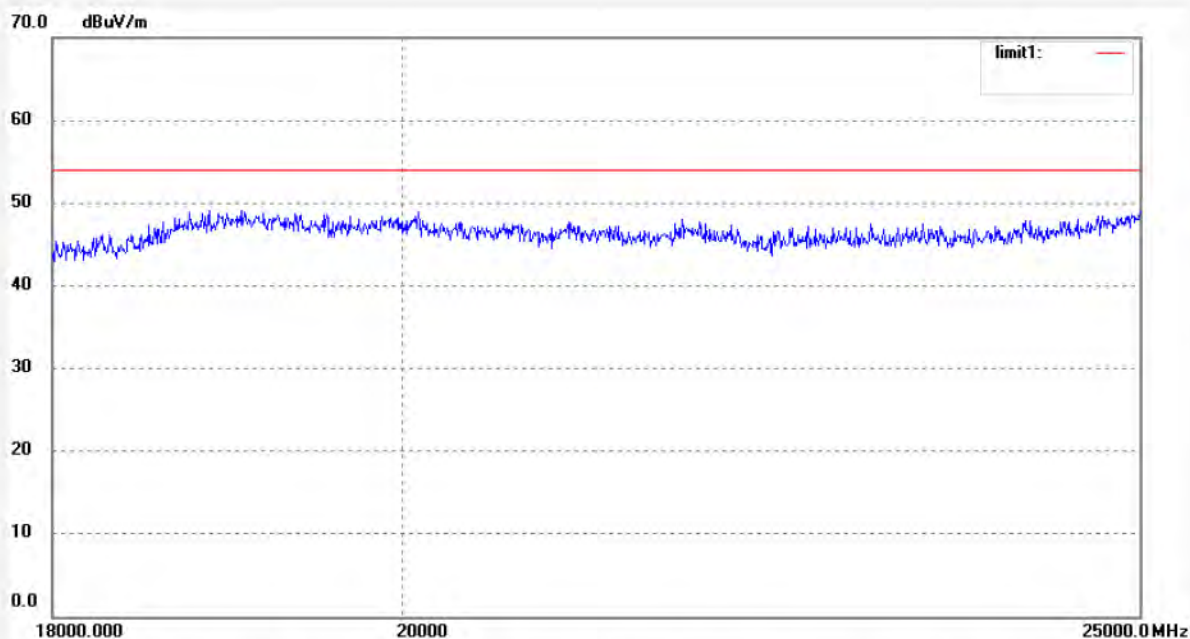
Date: 13/04/29/

Time: 13:22:56

Engineer Signature:

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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# **ACCURATE TECHNOLOGY CO., LTD.**

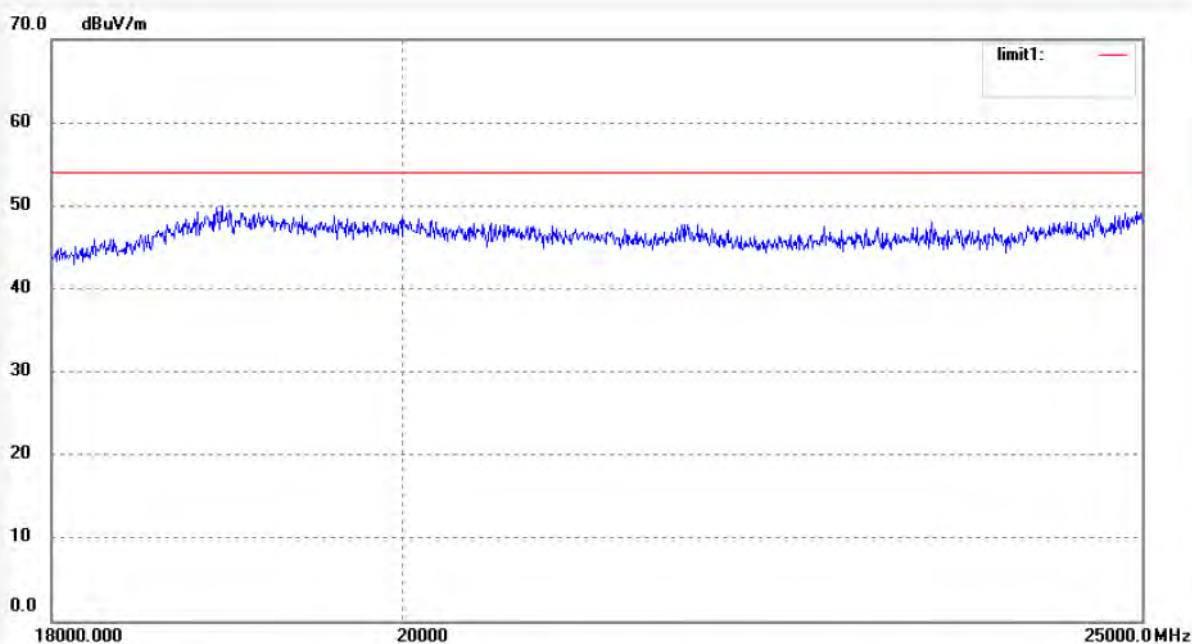
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: Alen #690  
Standard: FCC 15C  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 25 C / 50 %  
EUT: MID  
Mode: TX Channel 6 (802.11n)40MHz  
Model: PC741  
Manufacturer: Natural Sound

Polarization: Horizontal  
Power Source: AC 120V/60Hz  
Date: 13/04/29/  
Time: 13:24:38  
Engineer Signature:  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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# **ACCURATE TECHNOLOGY CO., LTD.**

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.: Alen #691

Standard: FCC 15C

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 6 (802.11n)40MHz

Model: PC741

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: AC 120V/60Hz

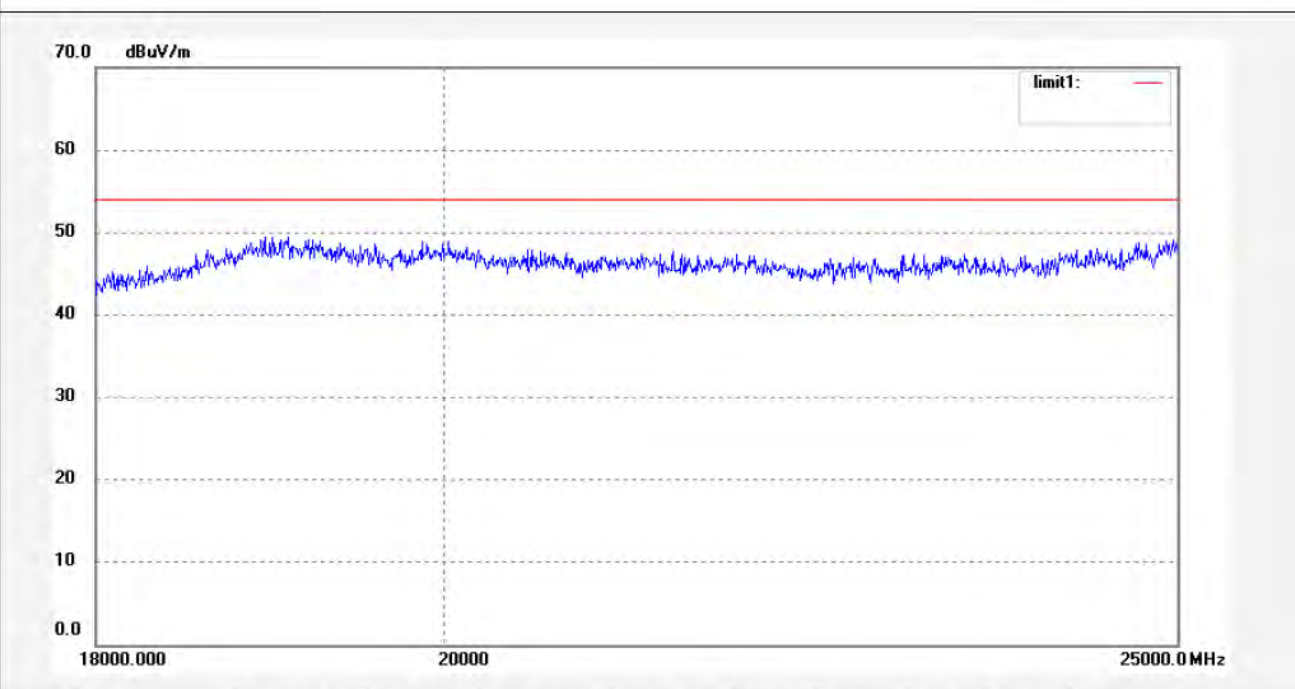
Date: 13/04/29/

Time: 13:25:42

Engineer Signature:

Distance: 3m

Note:



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



# **ACCURATE TECHNOLOGY CO., LTD.**

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.: Alen #692

Standard: FCC 15C

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 3 (802.11n)40MHz

Model: PC741

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: AC 120V/60Hz

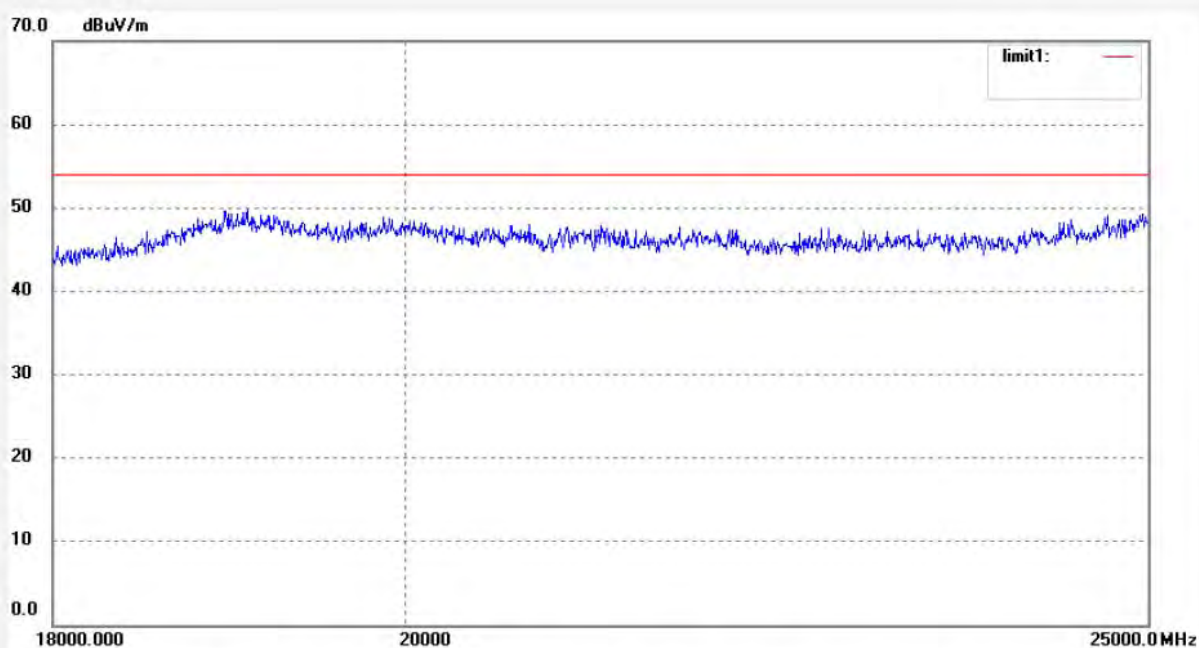
Date: 13/04/29/

Time: 13:28:59

Engineer Signature:

Distance: 3m

Note:



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


**ACCURATE TECHNOLOGY CO., LTD.**

 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.: Alen #693

Standard: FCC 15C

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 3 (802.11n)40MHz

Model: PC741

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: AC 120V/60Hz

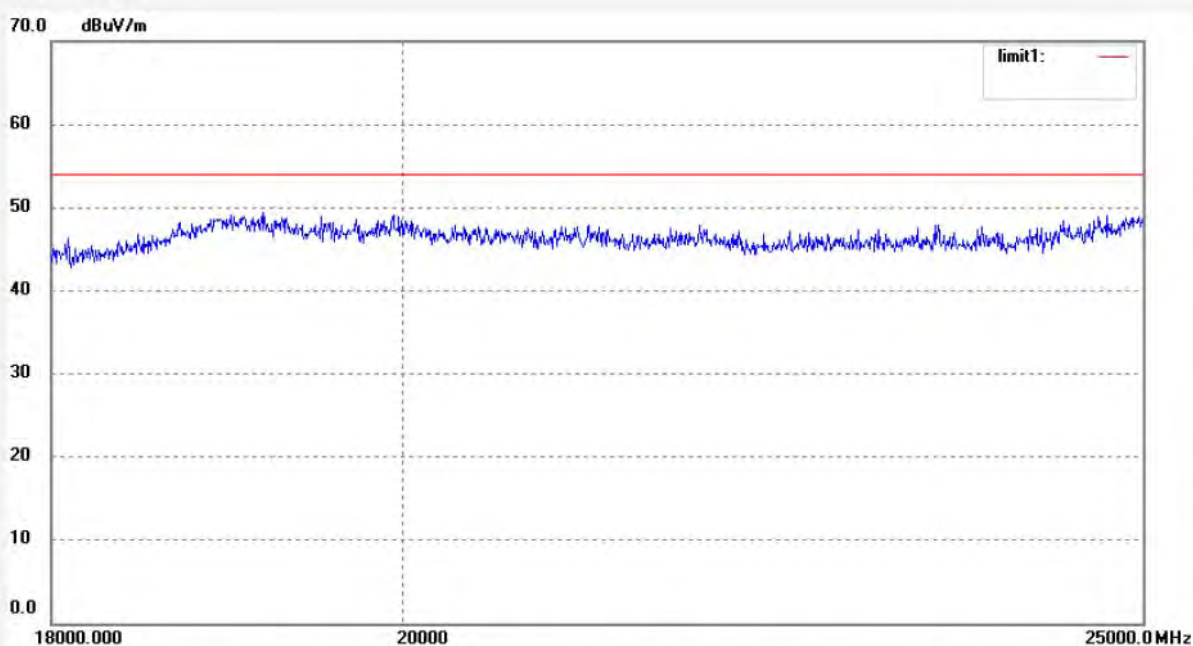
Date: 13/04/29/

Time: 13:32:35

Engineer Signature: Alen

Distance: 3m

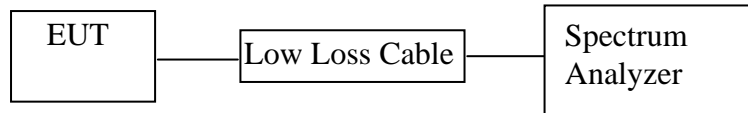
Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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## 10.CONDUCTED SPURIOUS EMISSION COMPLIANCE TEST

### 10.1.Block Diagram of Test Setup



(EUT: MID)

### 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	:	PC741
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 for up to 1GHz, RBW of spectrum analyzer to 1MHz and VBW 3MHz for above 1GHz

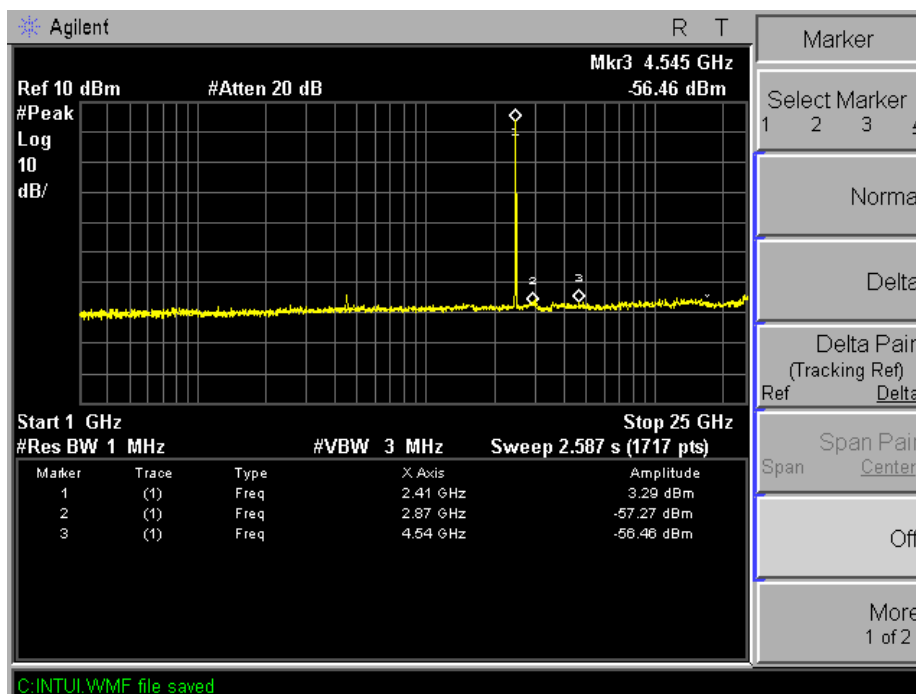
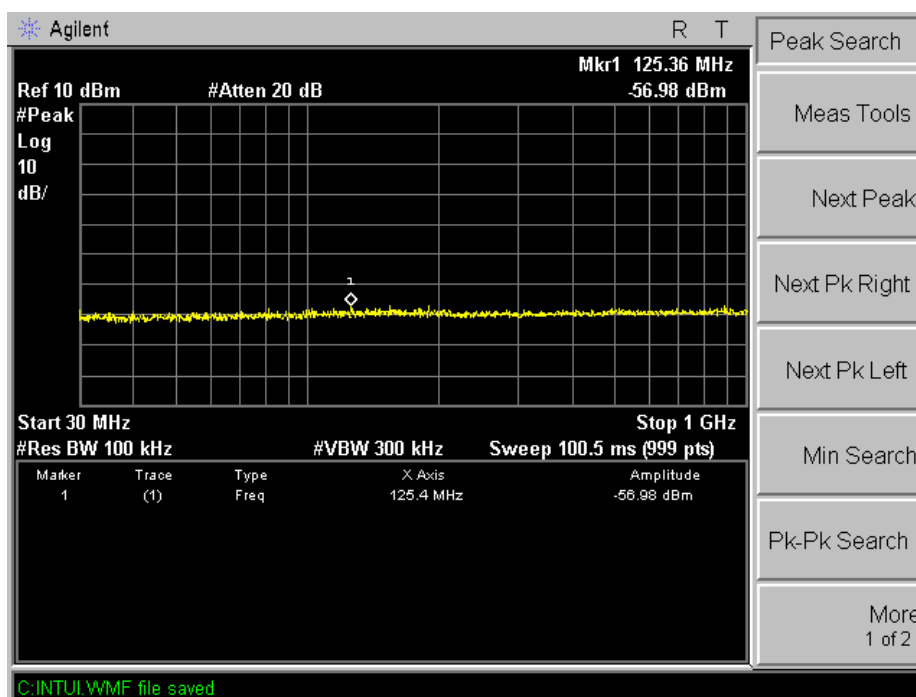
10.5.3.The Conducted Spurious Emission was measured and recorded.

## 10.6.Test Result

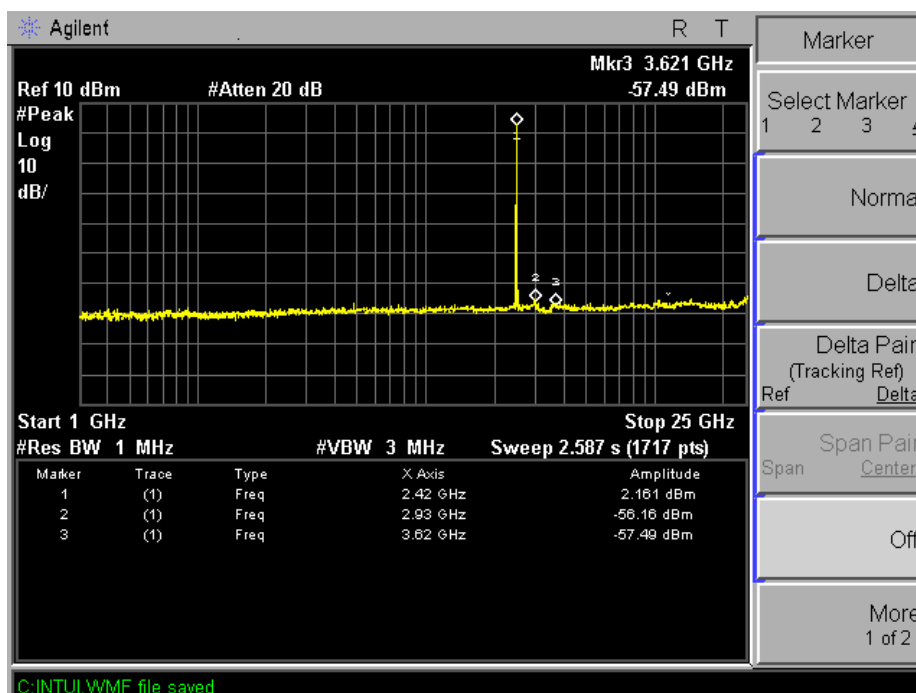
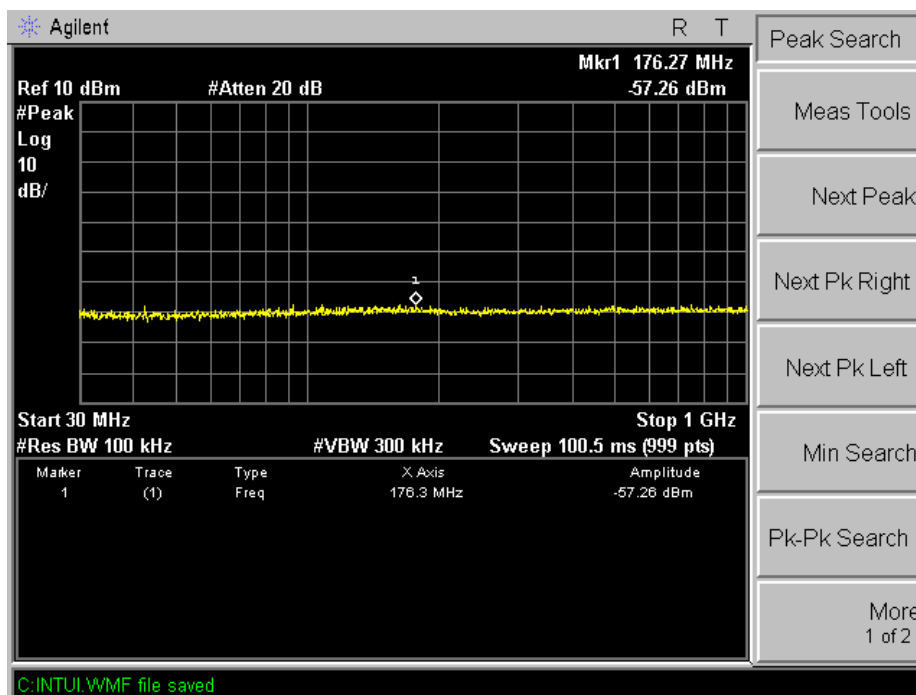
**Pass.**

The spectrum analyzer plots are attached as below.

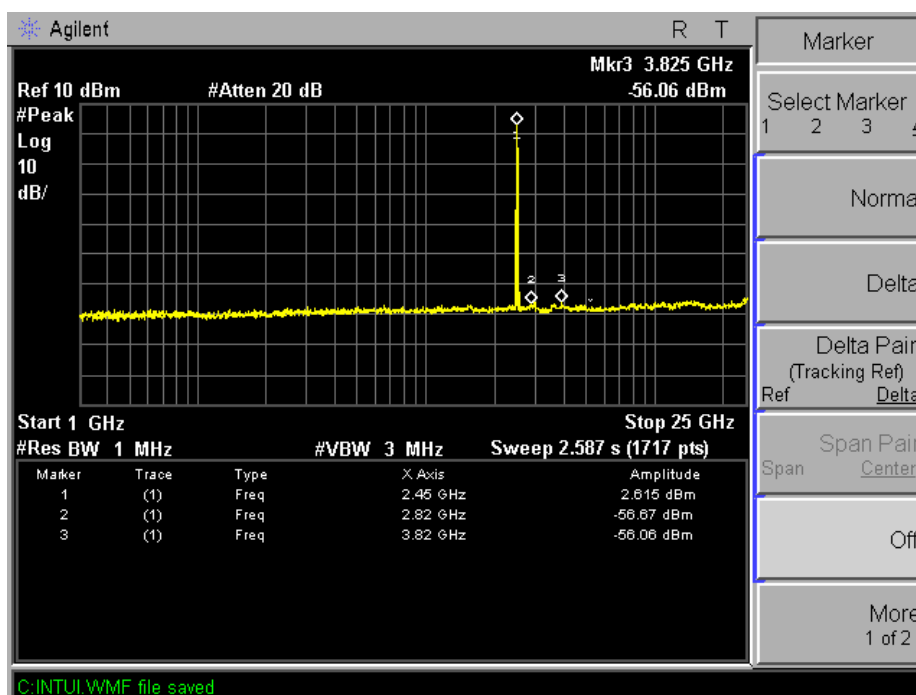
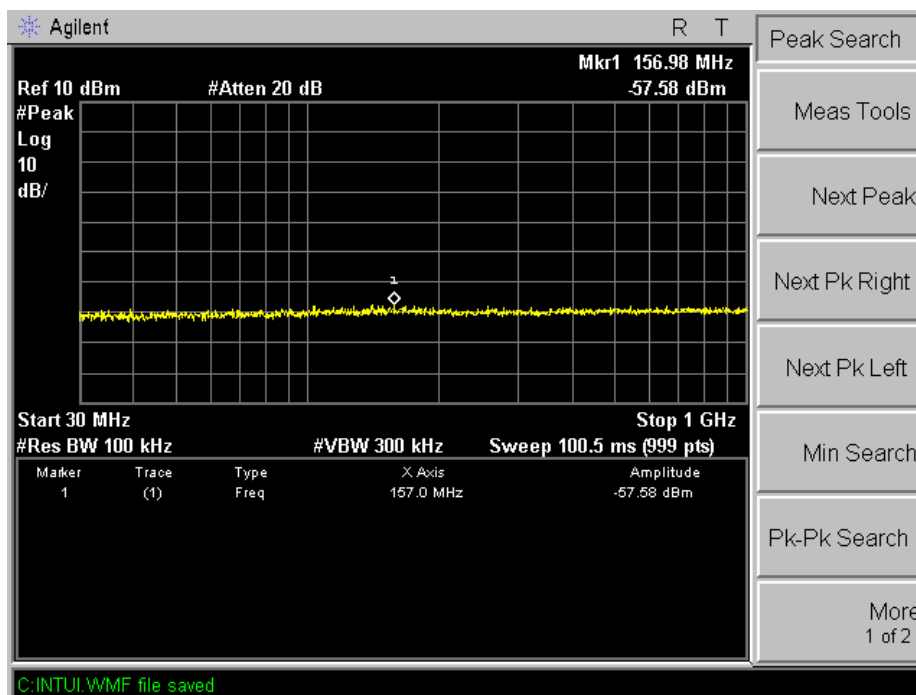
## TX 802.11b Channel Low 2412MHz



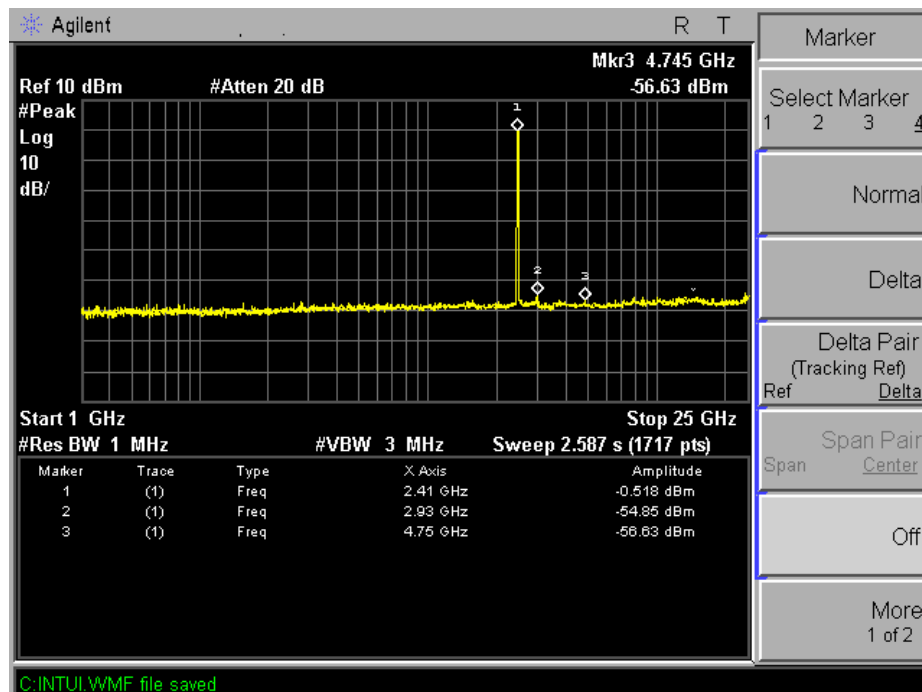
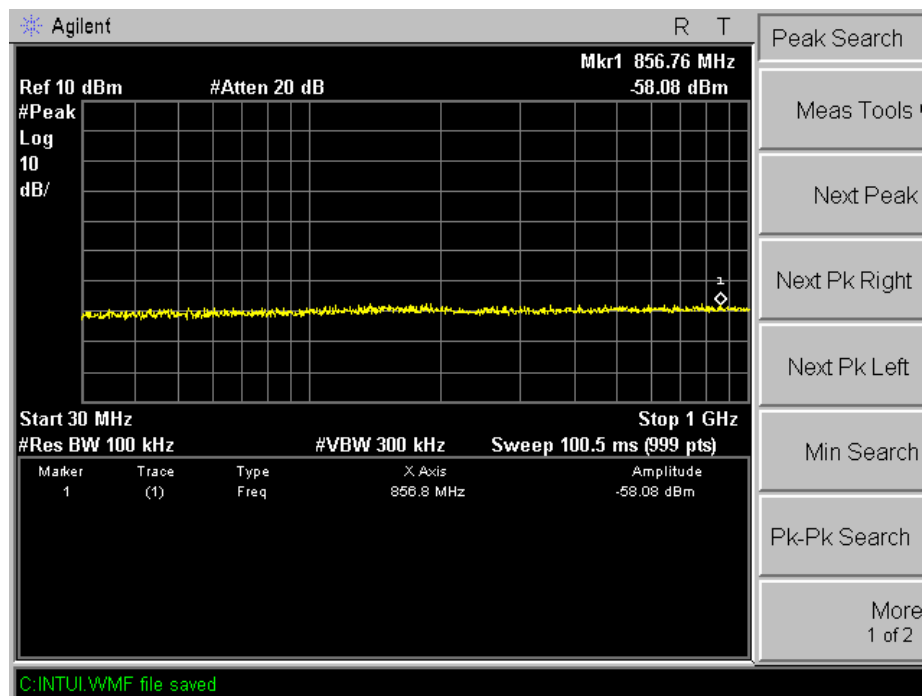
## TX 802.11b Channel Middle 2437MHz



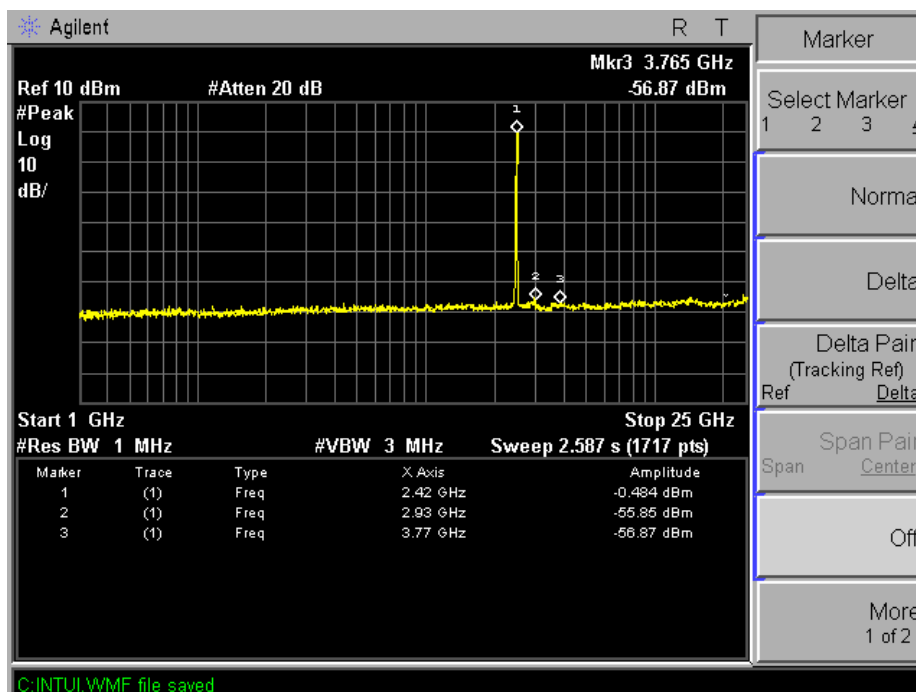
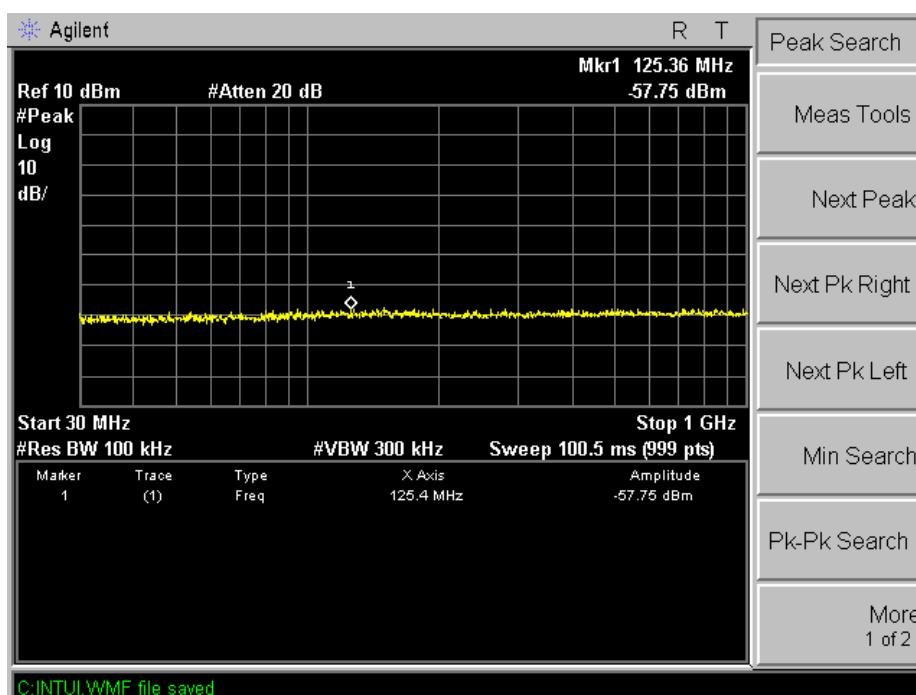
## TX 802.11b Channel High 2462MHz



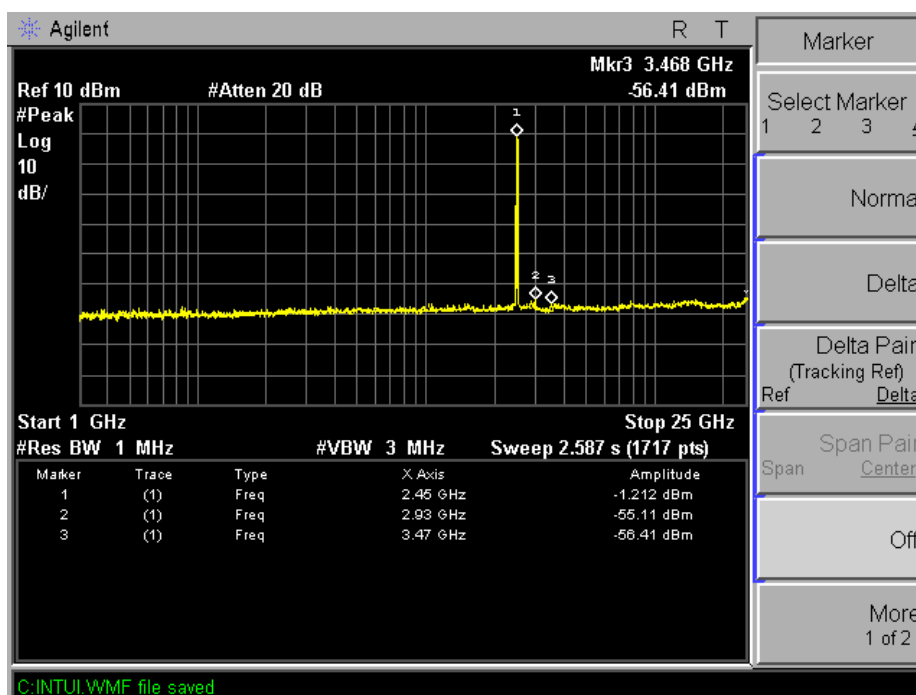
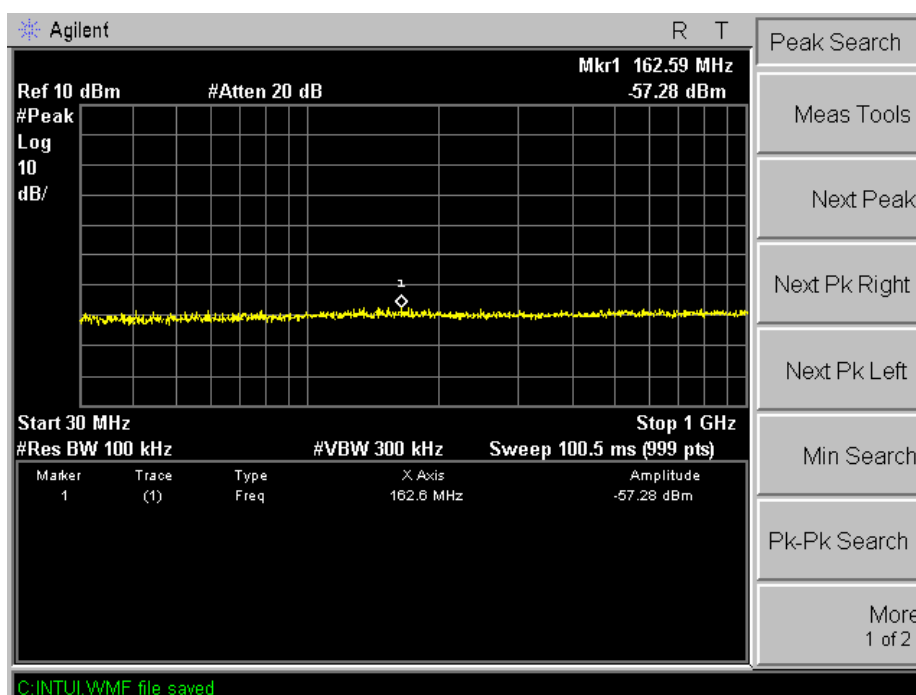
## TX 802.11g Channel Low 2412MHz



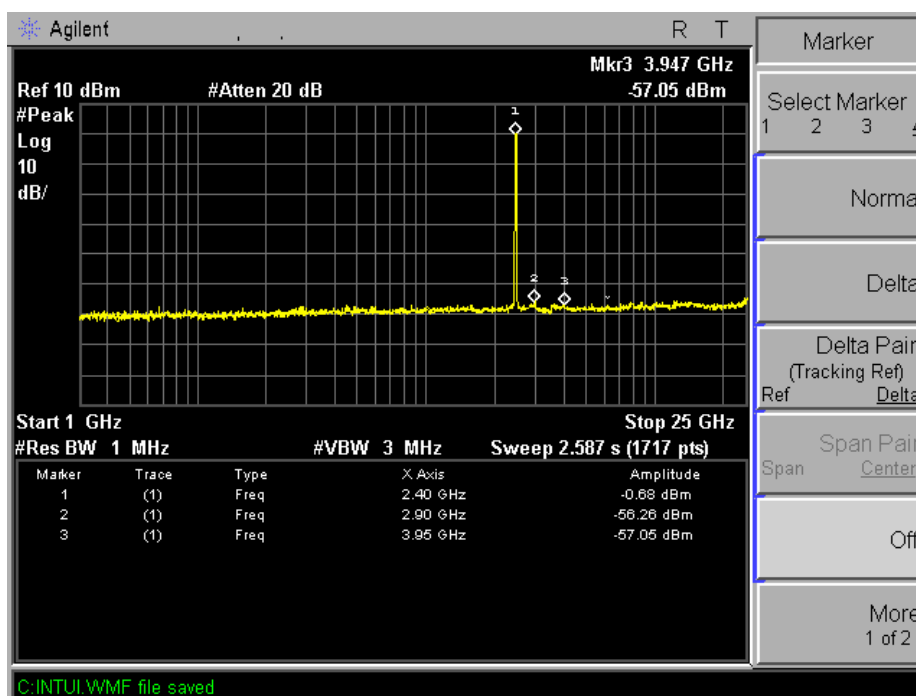
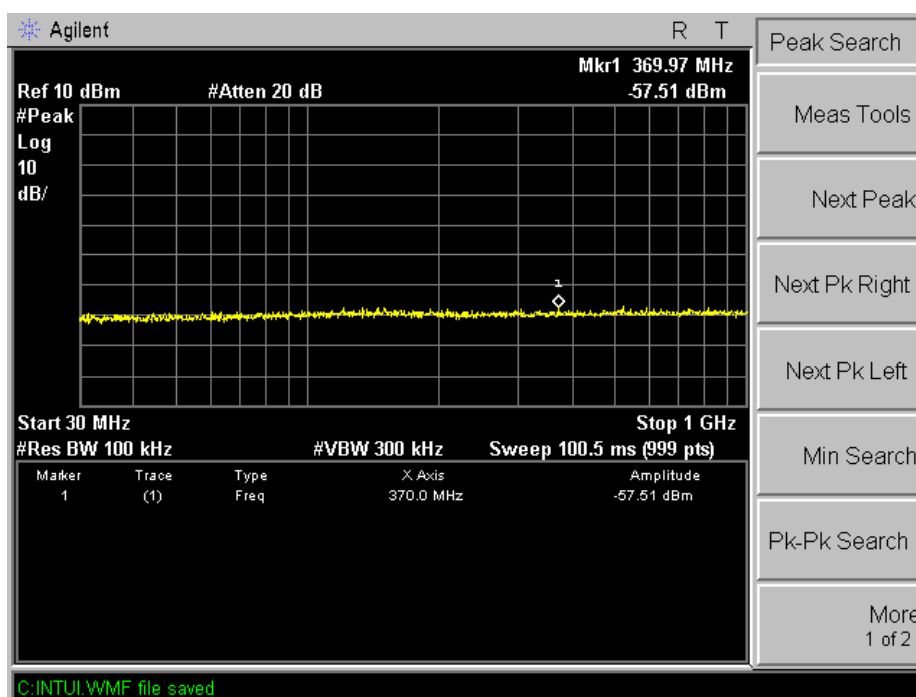
## TX 802.11g Channel Middle 2437MHz



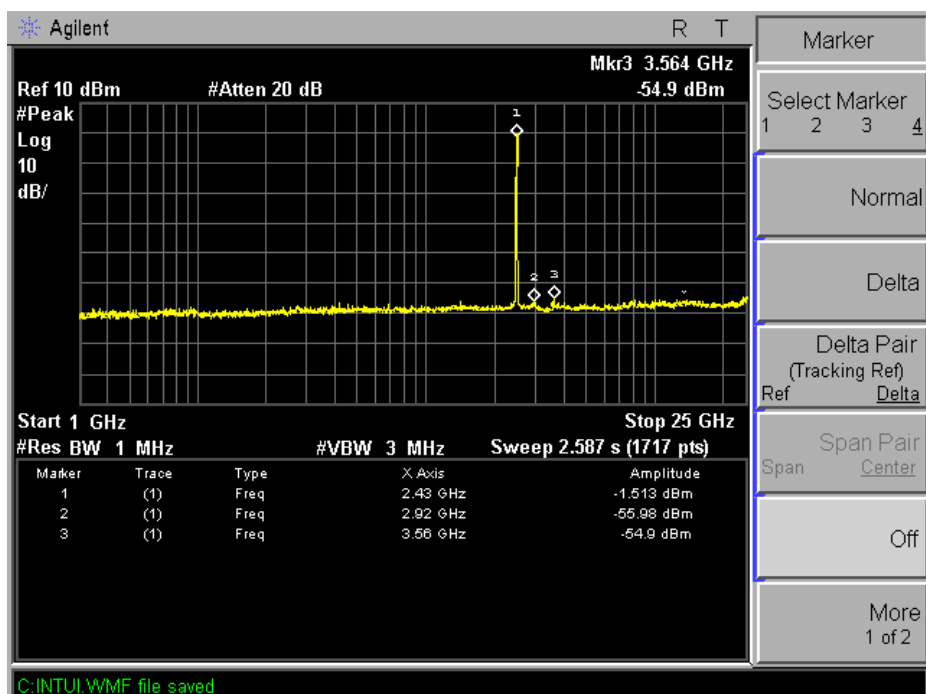
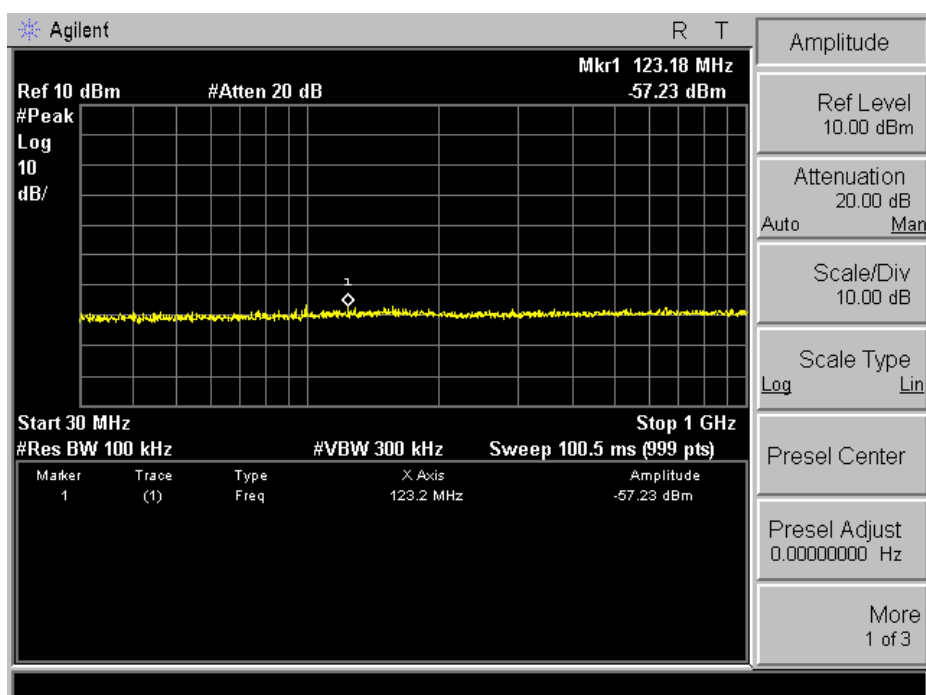
## TX 802.11g Channel High 2462MHz



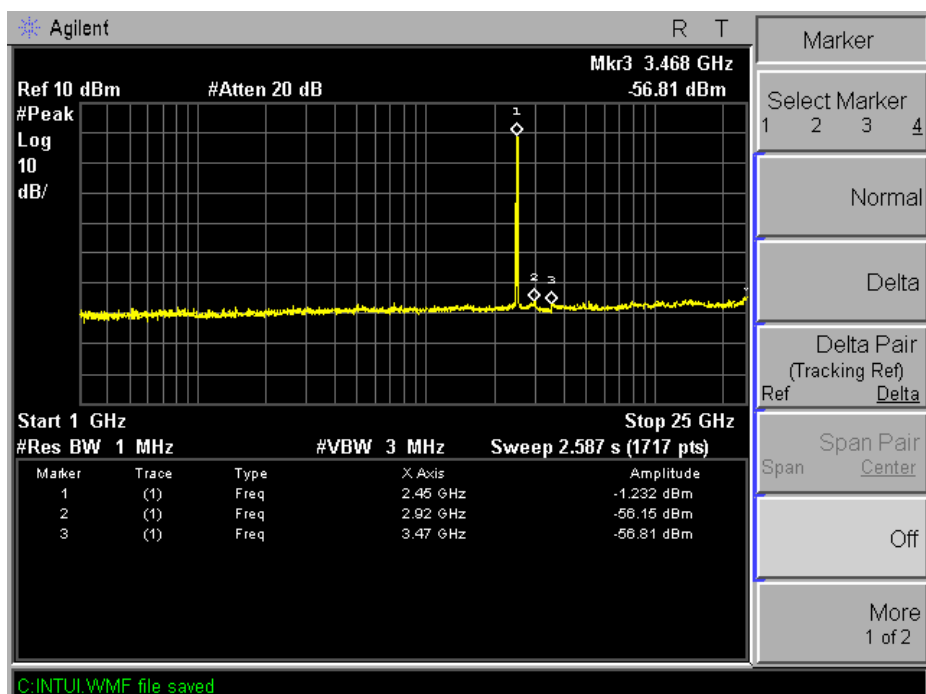
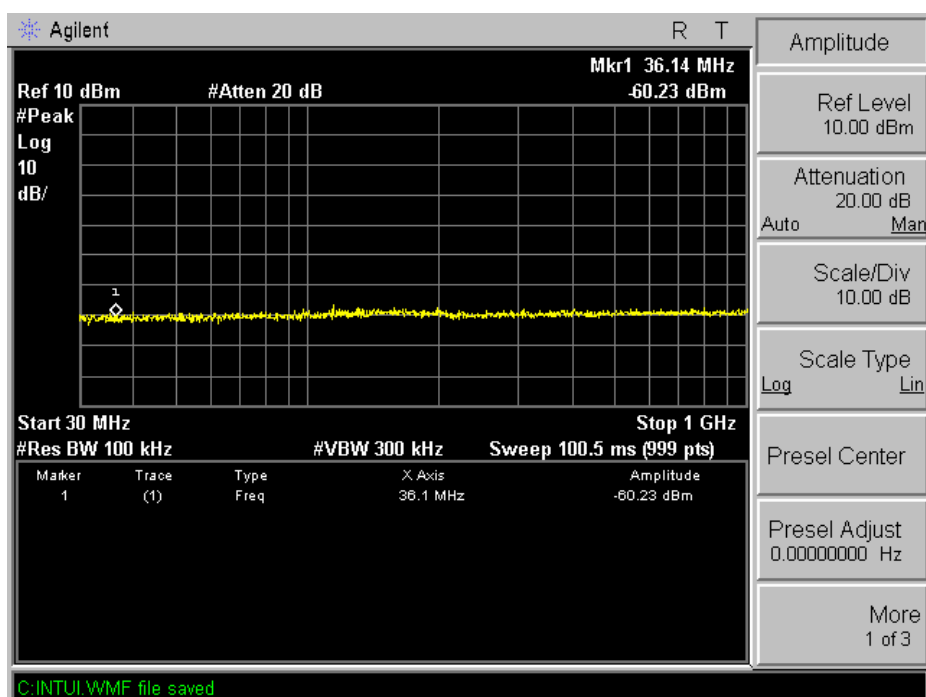
## TX 802.11n Channel Low 2412MHz (20MHz)



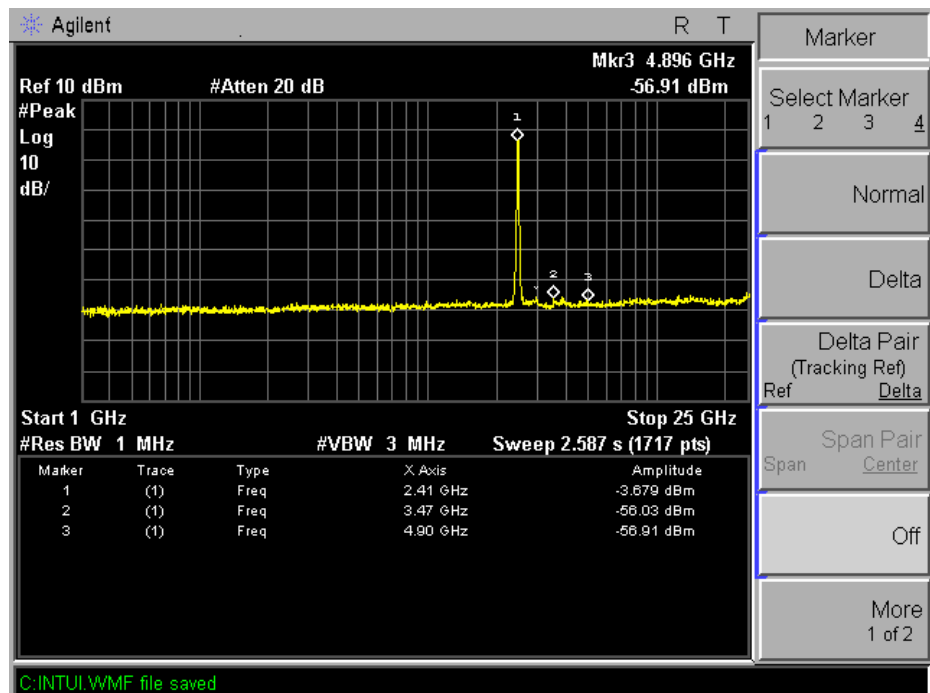
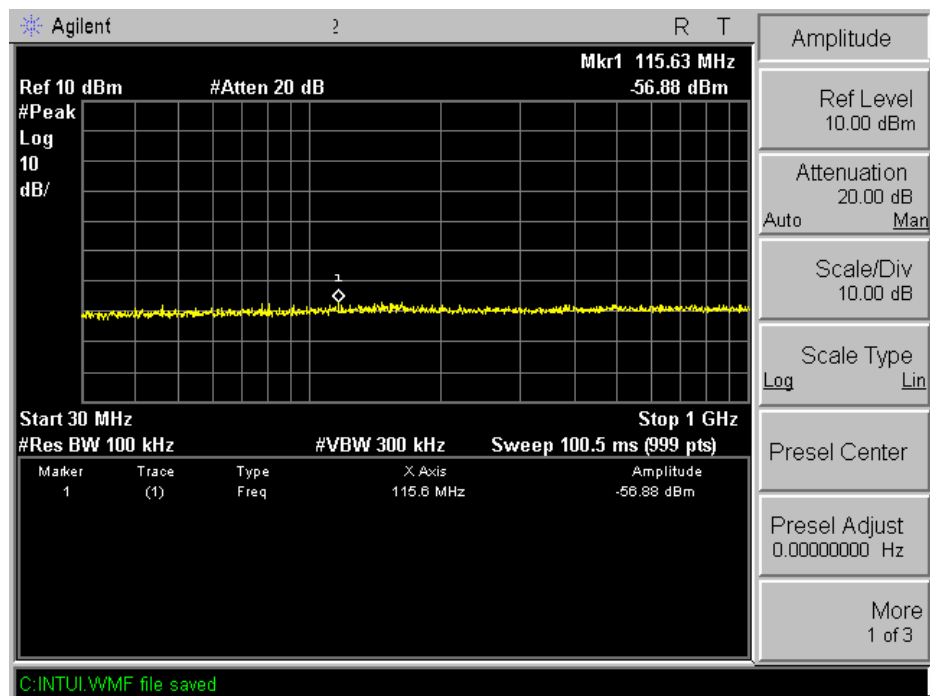
## TX 802.11n Channel Middle 2437MHz (20MHz)



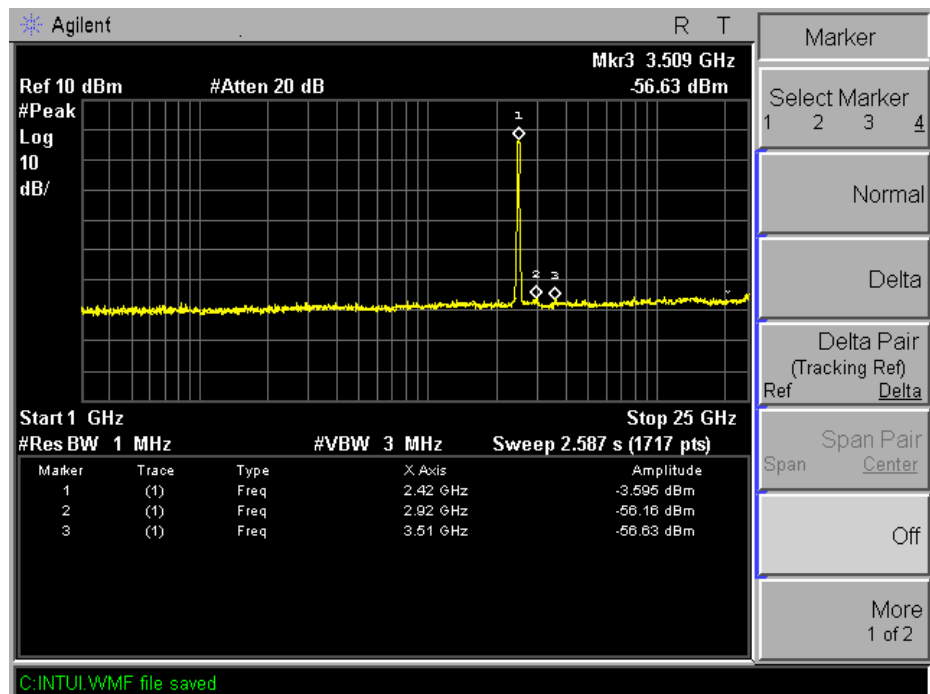
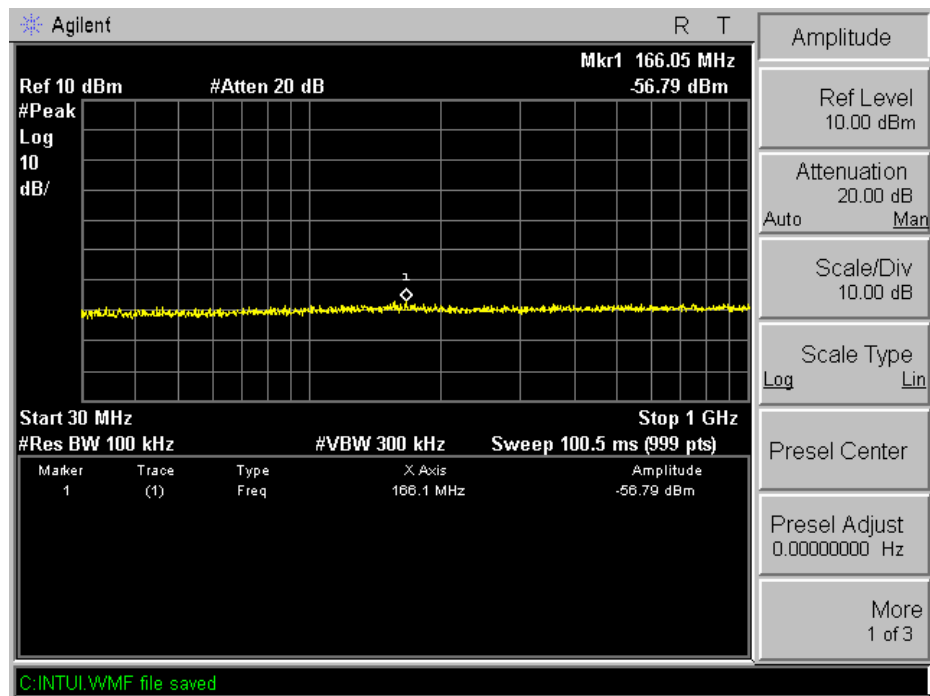
## TX 802.11n Channel High 2462MHz (20MHz)



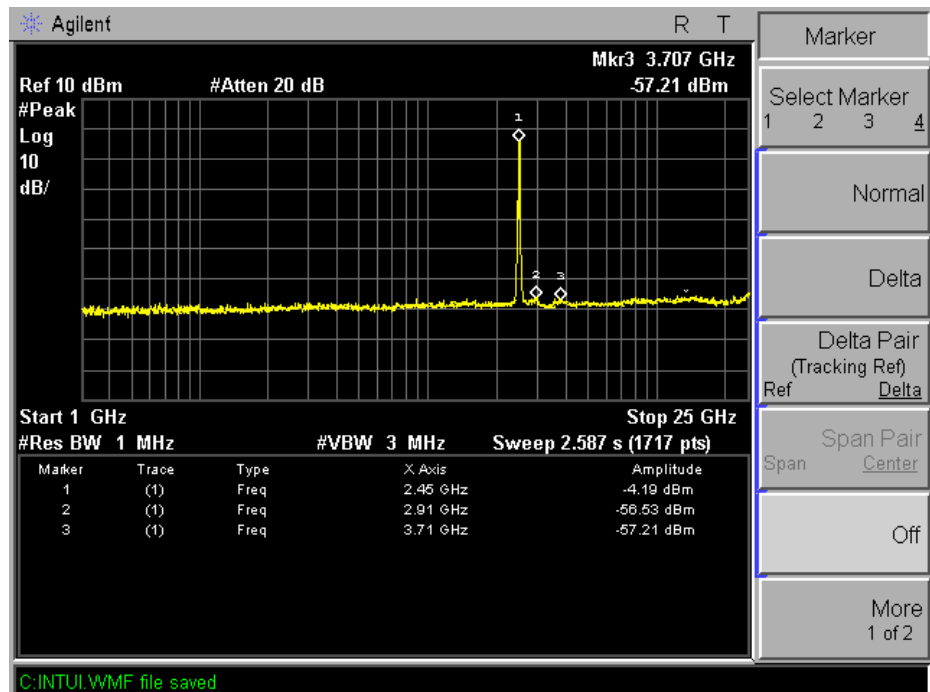
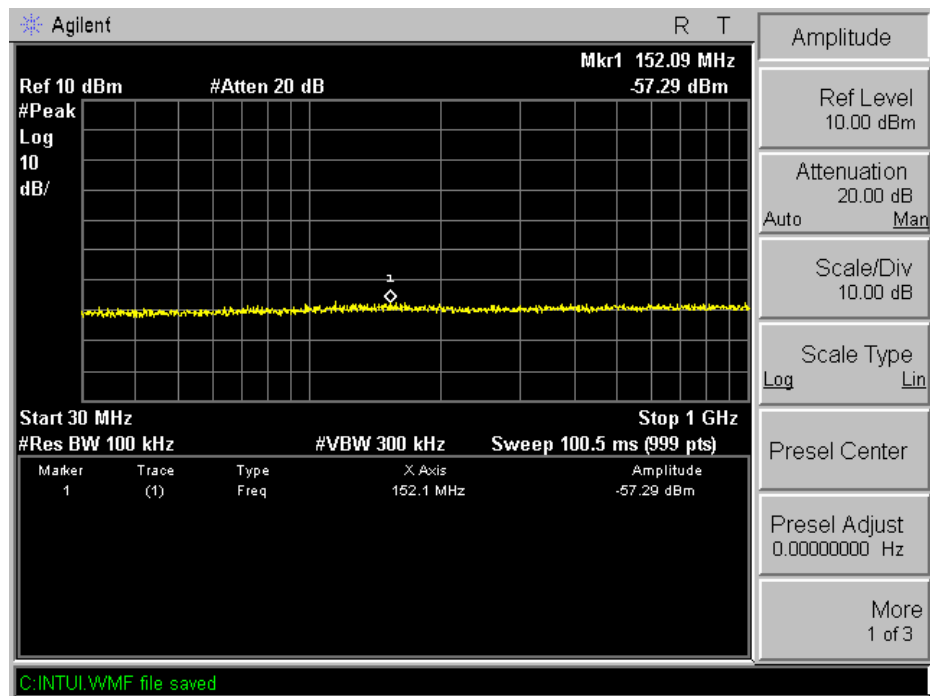
## TX 802.11n Channel Low 2422MHz (40MHz)



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



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

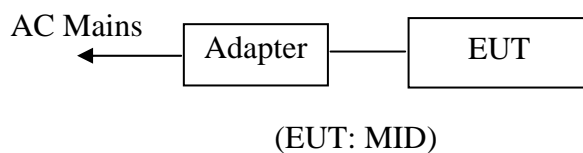


## 11.AC POWER LINE CONDUCTED EMISSION FOR FCC PART

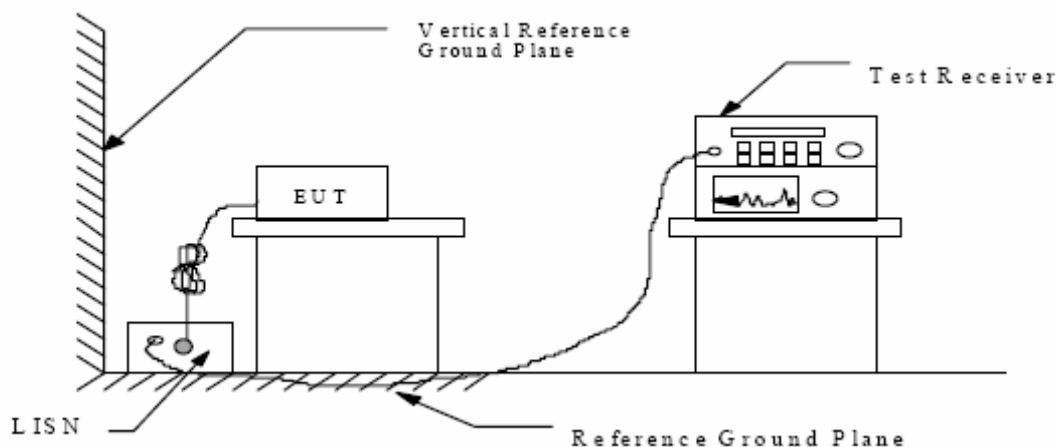
### 15 SECTION 15.207(A)

#### 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: 10 inch Tablet PC)

#### 11.2.The Emission Limit

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

Frequency (MHz)	Limit dB( $\mu$ V)	
	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	:	PC741
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 (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:	<u>April 20, 2013</u>	Temperature:	<u>25°C</u>
EUT:	<u>MID</u>	Humidity:	<u>50%</u>
Model No.:	<u>PC741</u>	Power Supply:	<u>AC 120V/60Hz</u>
Test Mode:	<u>operation</u>	Test Engineer:	<u>Allen</u>

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.560037	35.80	56	20.2	QP	Neutral
4.702030	32.20	56	23.8	QP	
5.856520	34.40	60	25.6	QP	
0.316443	33.20	50	16.6	AV	
0.562277	32.70	46	13.3	AV	
4.171325	19.30	46	26.7	AV	
5.833187	20.70	50	29.3	AV	
0.560037	34.60	56	21.4	QP	Live
4.306691	25.80	56	30.2	QP	
6.046573	30.10	60	29.9	QP	
0.560037	28.30	46	17.7	AV	
4.720838	21.00	46	25.0	AV	
5.856520	19.20	50	30.8	AV	

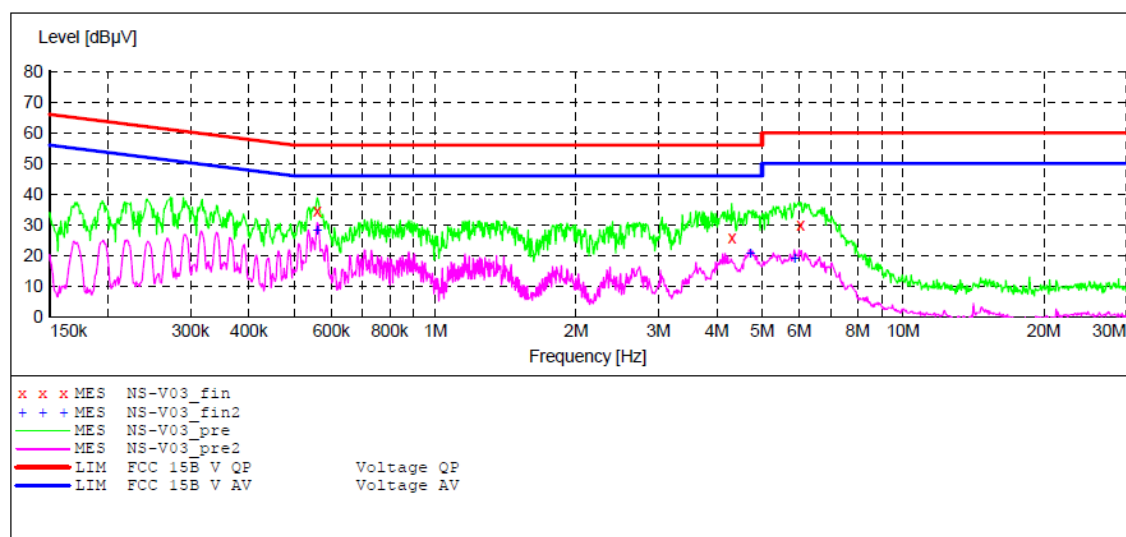
Emissions attenuated more than 20 dB below the permissible value are not reported.  
The spectral diagrams are attached as below.

**ACCURATE TECHNOLOGY CO.,LTD****CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: MID M/N:PC741  
 Manufacturer: Natural Sound  
 Operating Condition: Operation  
 Test Site: 1#Shielding Room  
 Operator: Alen  
 Test Specification: L 120V/60Hz  
 Comment: Mains port  
 Start of Test: 4/20/2013 / 2:08:21PM

**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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008  
 Average

**MEASUREMENT RESULT: "NS-V03\_fin"**

4/20/2013 2:10PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.560037	34.60	12.6	56	21.4	QP	L1	GND
4.306691	25.80	12.3	56	30.2	QP	L1	GND
6.046573	30.10	12.2	60	29.9	QP	L1	GND

**MEASUREMENT RESULT: "NS-V03\_fin2"**

4/20/2013 2:10PM

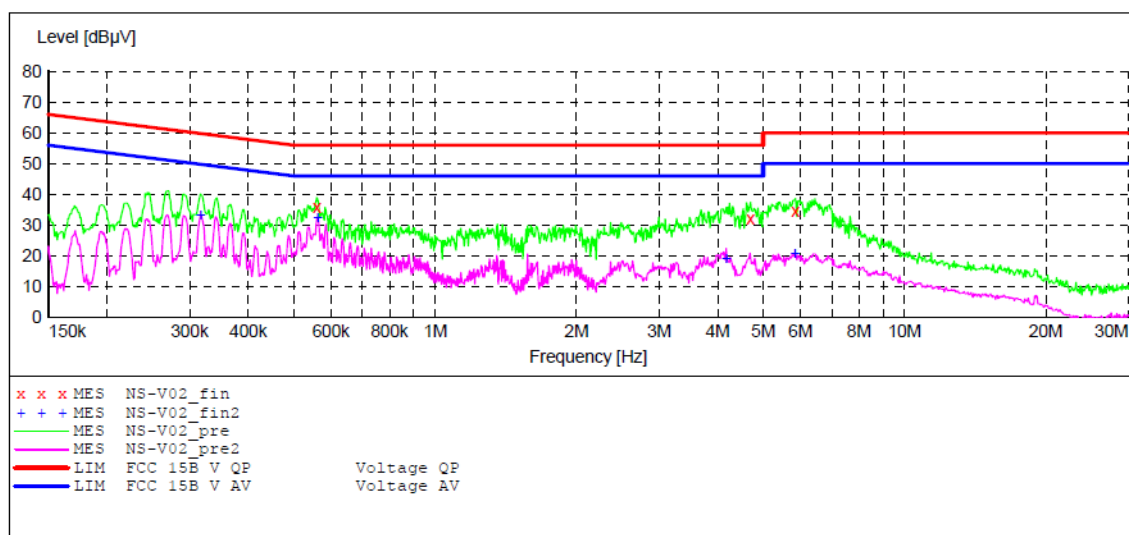
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.560037	28.30	12.6	46	17.7	AV	L1	GND
4.720838	21.00	12.3	46	25.0	AV	L1	GND
5.856520	19.20	12.2	50	30.8	AV	L1	GND

**ACCURATE TECHNOLOGY CO., LTD****CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: MID M/N:PC741  
 Manufacturer: Natural Sound  
 Operating Condition: Operation  
 Test Site: 1#Shielding Room  
 Operator: Alen  
 Test Specification: N 120V/60Hz  
 Comment: Mains port  
 Start of Test: 4/20/2013 / 2:05:38PM

**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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008  
 Average

**MEASUREMENT RESULT: "NS-V02\_fin"**

4/20/2013 2:07PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.560037	35.80	12.6	56	20.2	QP	N	GND
4.702030	32.20	12.3	56	23.8	QP	N	GND
5.856520	34.40	12.2	60	25.6	QP	N	GND

**MEASUREMENT RESULT: "NS-V02\_fin2"**

4/20/2013 2:07PM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.316443	33.20	12.2	50	16.6	AV	N	GND
0.562277	32.70	12.6	46	13.3	AV	N	GND
4.171325	19.30	12.3	46	26.7	AV	N	GND
5.833187	20.70	12.2	50	29.3	AV	N	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