


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.: Bob #1609

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 6 (802.11g)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

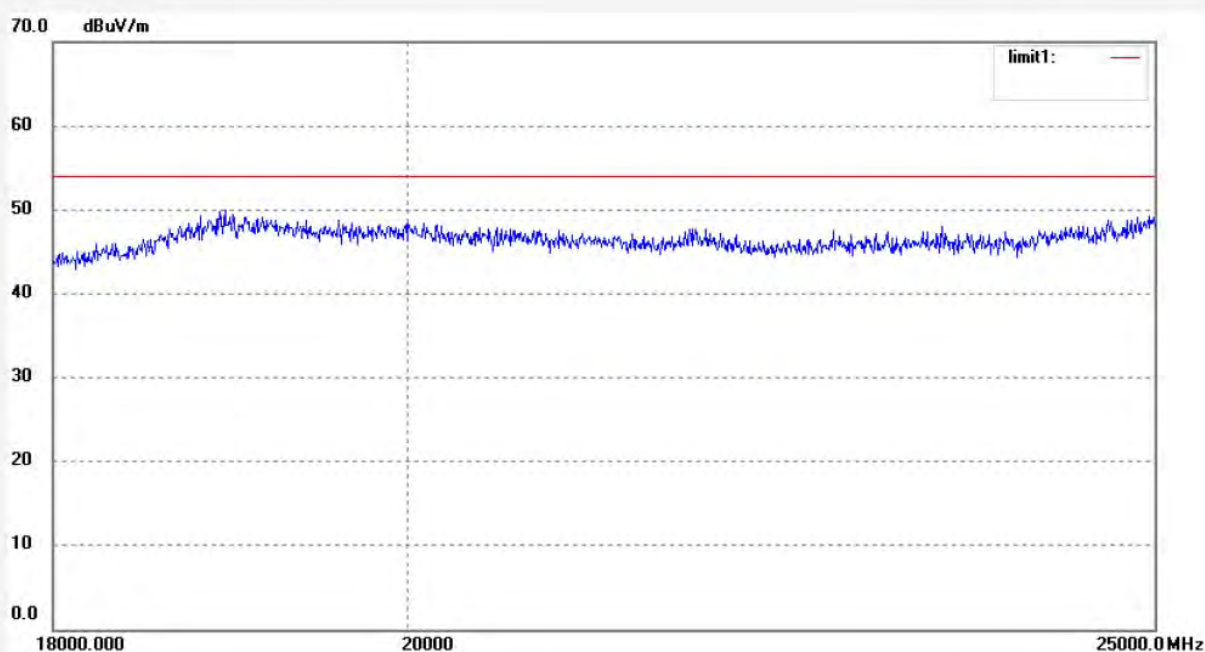
Date: 12/10/10

Time: 10:38:38

Engineer Signature: Bob

Distance: 3m

Note: Report No.:ATE20122303



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.: Bob #1610

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 6 (802.11g)

Model: PC435

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: DC 5V(Power by PC)

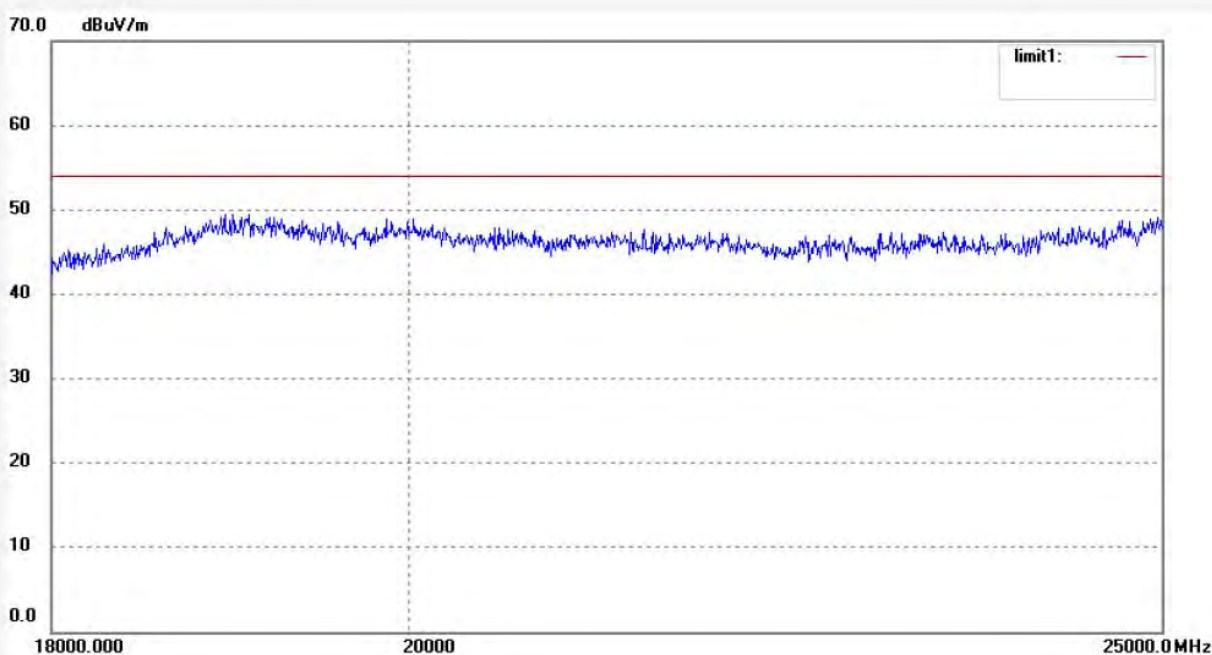
Date: 12/10/10

Time: 10:43:17

Engineer Signature: Bob

Distance: 3m

Note: Report No.:ATE20122303



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.: Bob #5867

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 11(802.11g)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

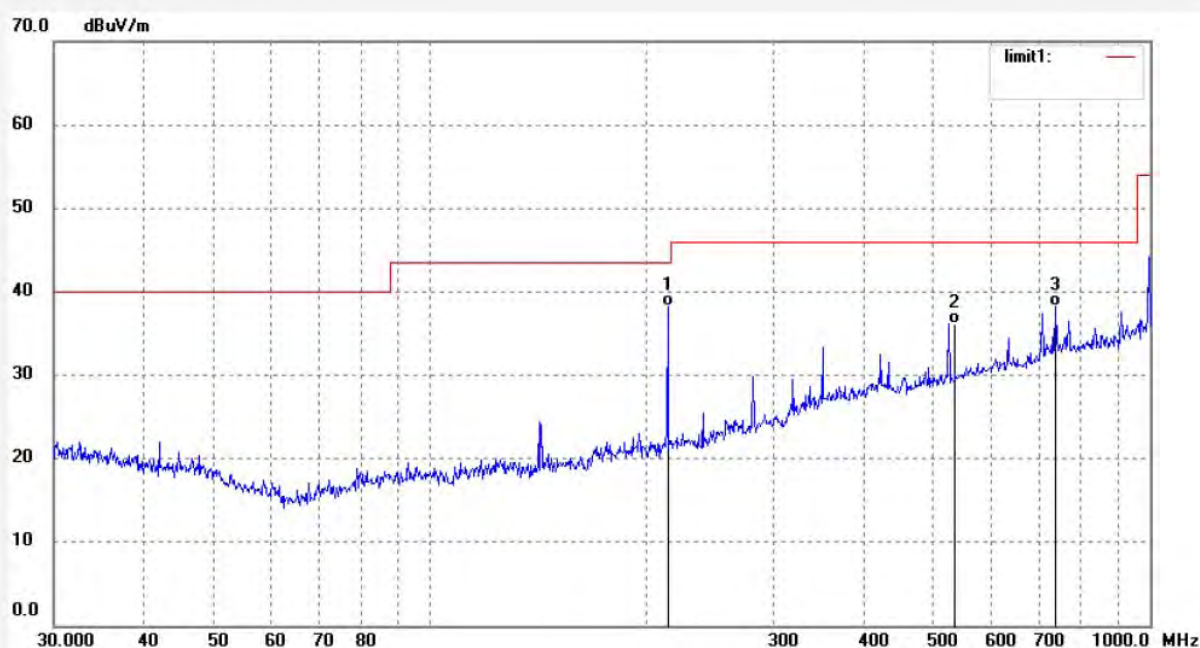
Date: 2012/10/12

Time: 22:36:13

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	21.77	16.47	38.24	43.50	-5.26	QP			
2	533.3000	11.62	24.47	36.09	46.00	-9.91	QP			
3	740.0000	10.76	27.51	38.27	46.00	-7.73	QP			


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Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Bob #5866

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 11(802.11g)

Model: PC435

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: DC 5V(Power by PC)

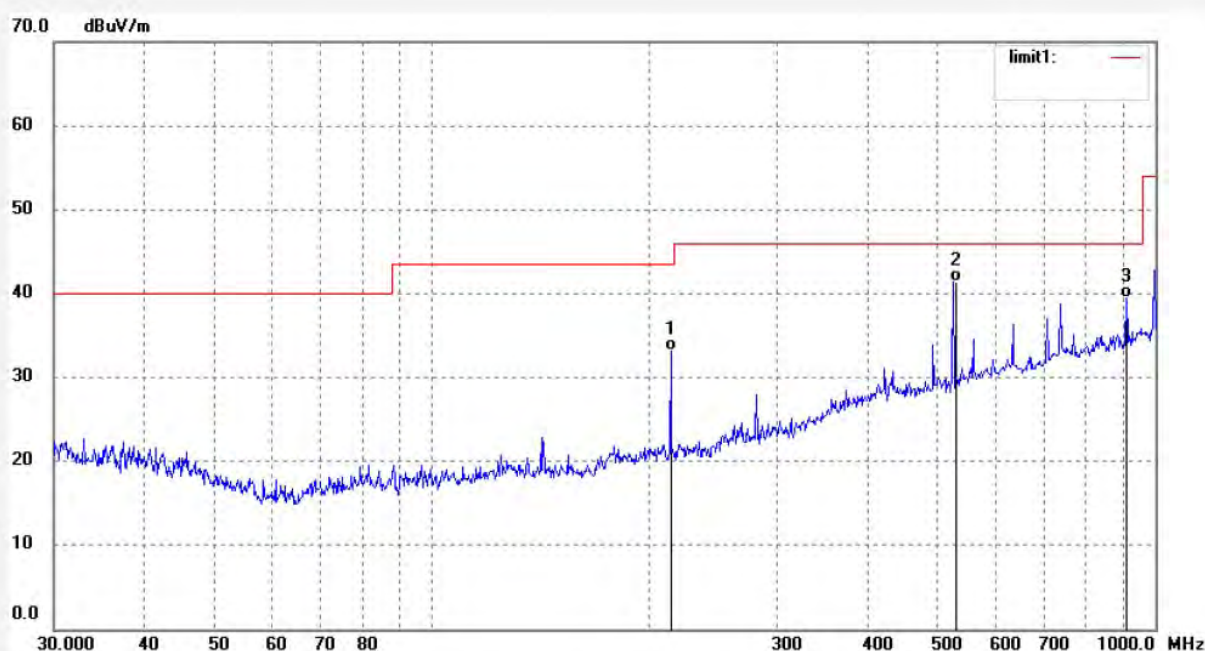
Date: 2012/10/12

Time: 22:32:51

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	16.68	16.48	33.16	43.50	-10.34	QP			
2	533.2000	16.93	24.46	41.39	46.00	-4.61	QP			
3	912.6952	10.54	28.87	39.41	46.00	-6.59	QP			



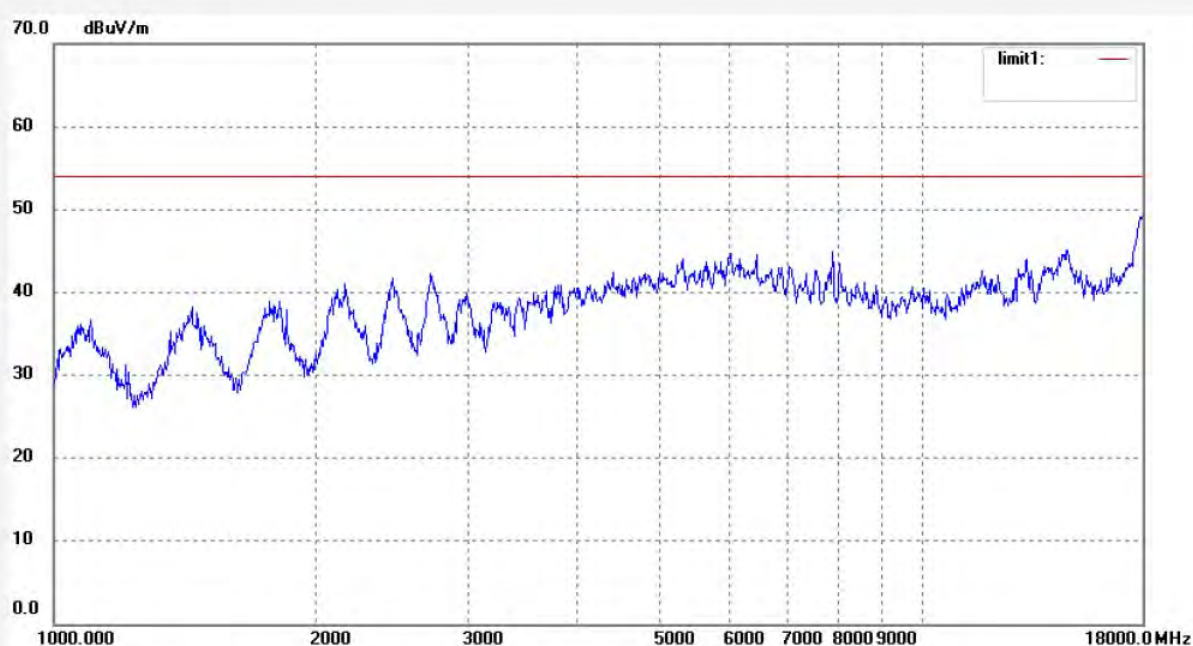
ACCURATE TECHNOLOGY CO., LTD.

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.: Bob #860	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V(Power by PC)
Test item: Radiation Test	Date: 2012/10/10
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 18:45:33
EUT: MID	Engineer Signature: Bob
Mode: TX Channel 11(802.11g)	Distance:
Model: PC435	
Manufacturer: Natural Sound	

Note: Report No.:ATE20122303



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.: Bob #861

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 11(802.11g)

Model: PC435

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: DC 5V(Power by PC)

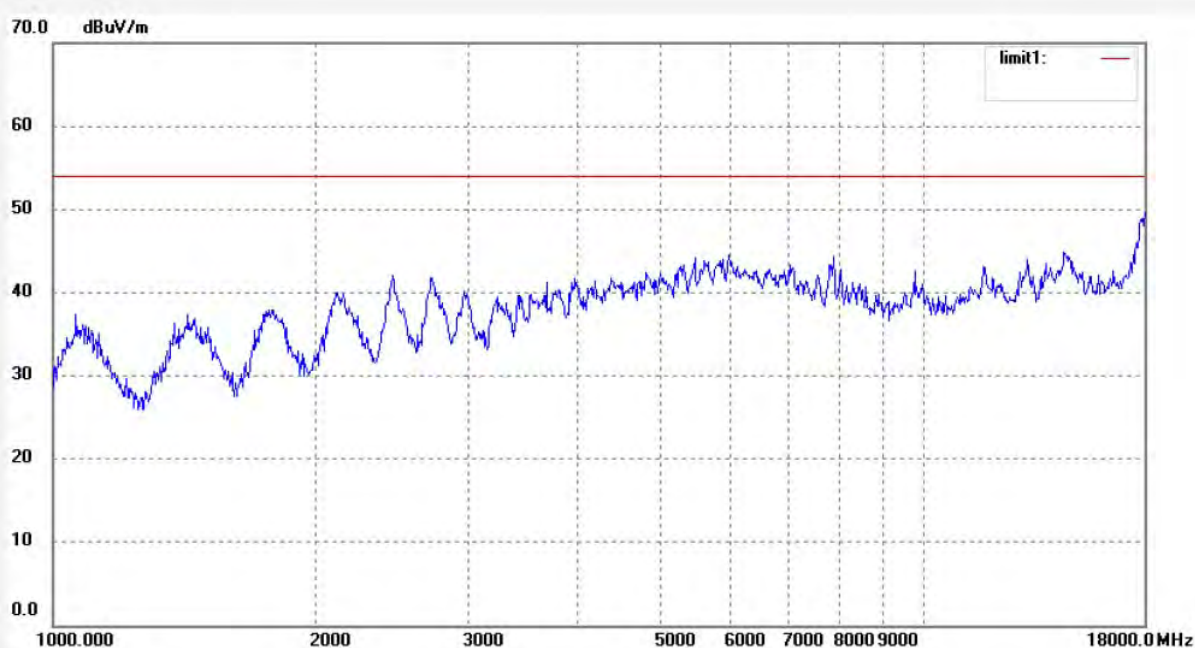
Date: 2012/10/10

Time: 18:49:19

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #1612

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 11 (802.11g)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

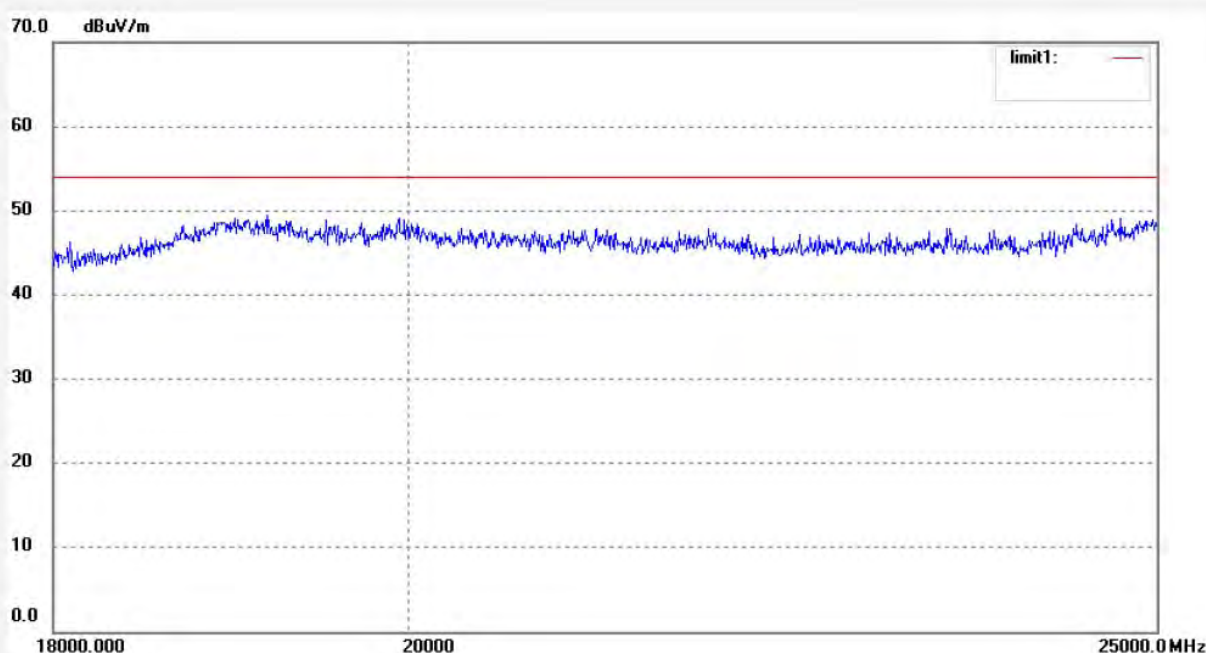
Date: 12/10/10

Time: 10:50:47

Engineer Signature: Bob

Distance: 3m

Note: Report No.:ATE20122303



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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 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.: Bob #1611

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 11 (802.11g)

Model: PC435

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: DC 5V(Power by PC)

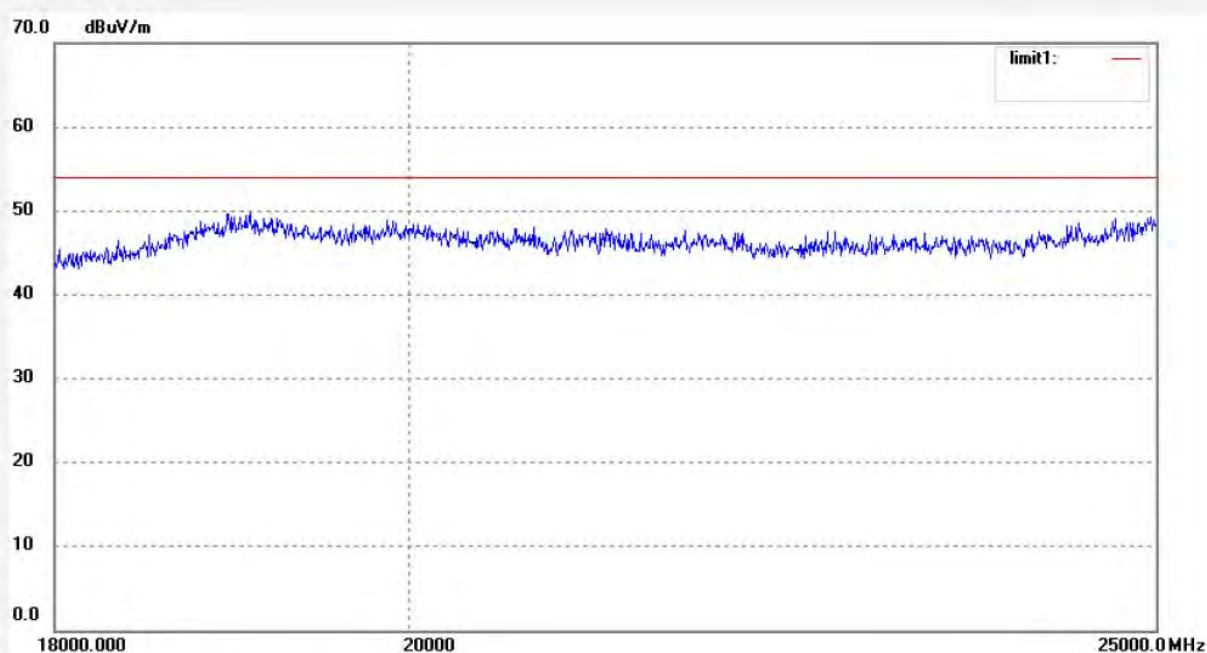
Date: 12/10/10

Time: 10:47:55

Engineer Signature: Bob

Distance: 3m

Note: Report No.:ATE20122303



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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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.: Bob #5880

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Mobile internet device

Mode: TX Channel 1 (802.11n)

Model: DS975

Manufacturer: Pipo

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

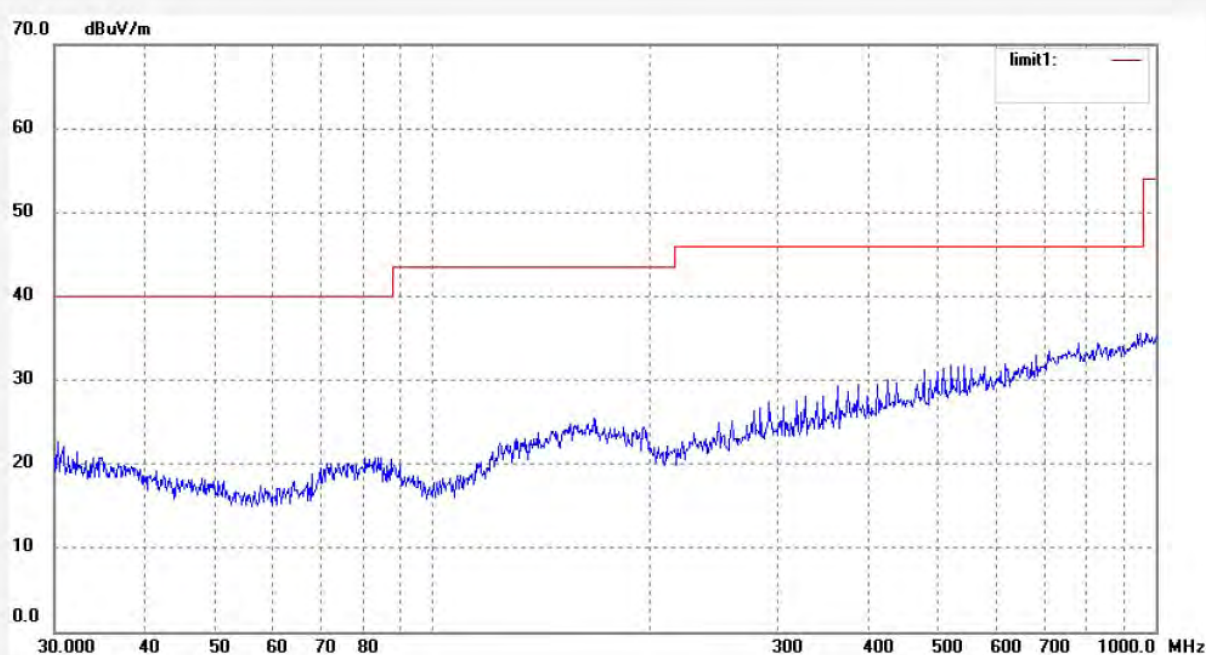
Date: 2012/8/31

Time: 16:01:35

Engineer Signature: Bob

Distance: 3m

Note: Report No.:ATE20121929



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.: Bob #5869

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 1(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: DC 5V(Power by PC)

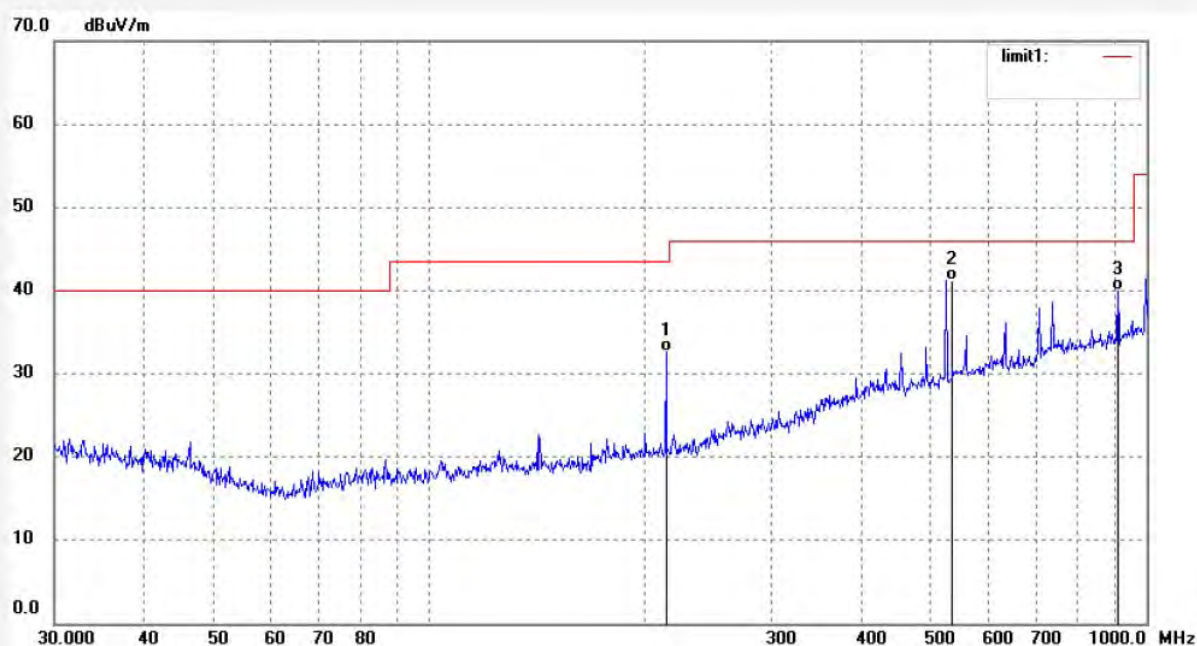
Date: 2012/10/12

Time: 22:43:46

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	16.24	16.48	32.72	43.50	-10.78	QP			
2	533.3000	16.81	24.47	41.28	46.00	-4.72	QP			
3	912.6953	11.06	28.87	39.93	46.00	-6.07	QP			



ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Bob #863

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 1(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

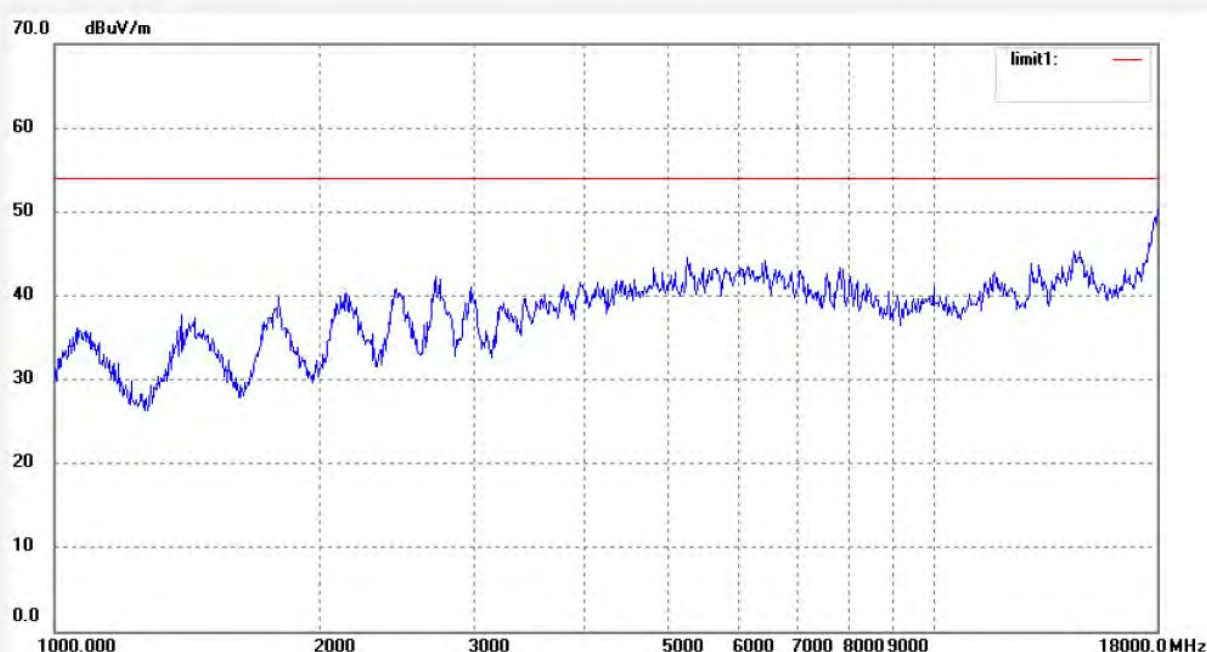
Date: 2012/10/10

Time: 18:58:53

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #862

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 1(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: DC 5V(Power by PC)

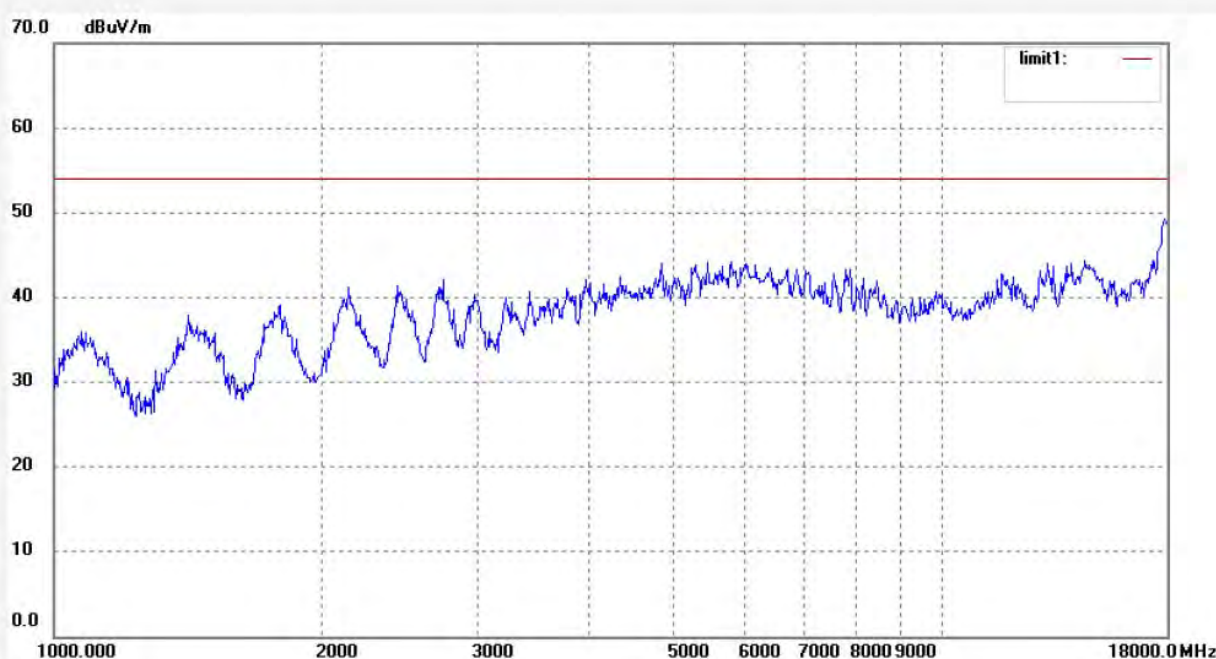
Date: 2012/10/10

Time: 18:52:06

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #1617

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 1 (802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

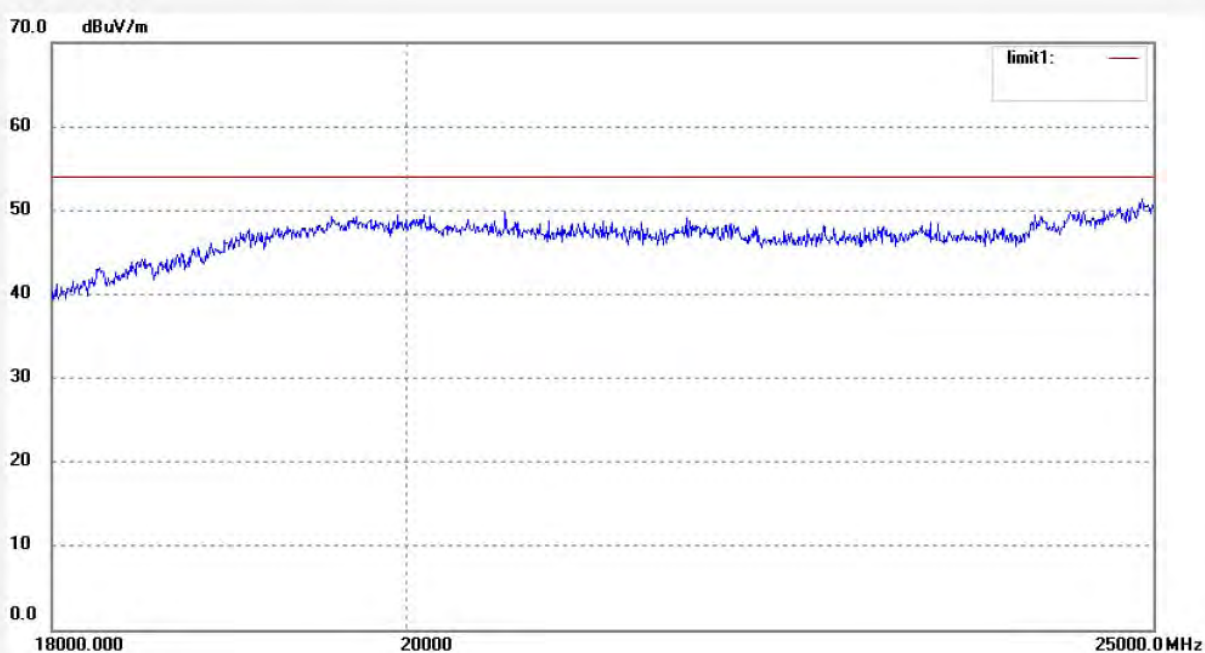
Date: 12/10/10

Time: 11:09:37

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #1618

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 1 (802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: DC 5V(Power by PC)

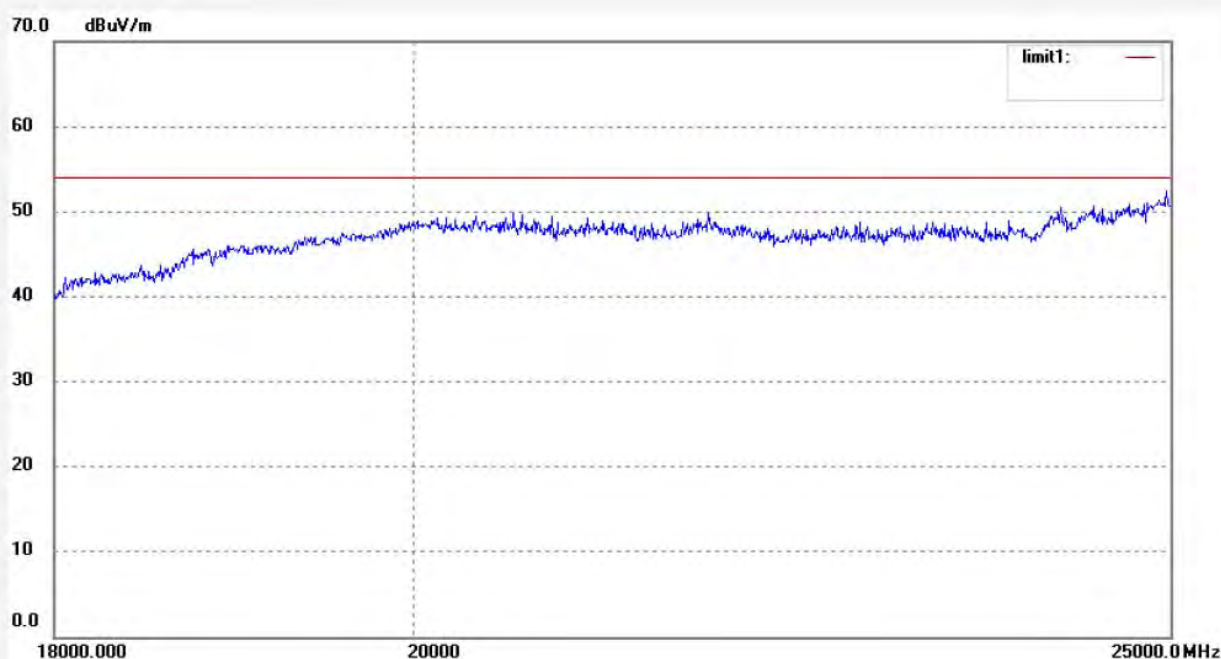
Date: 12/10/10

Time: 11:14:41

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #5871

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 6(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

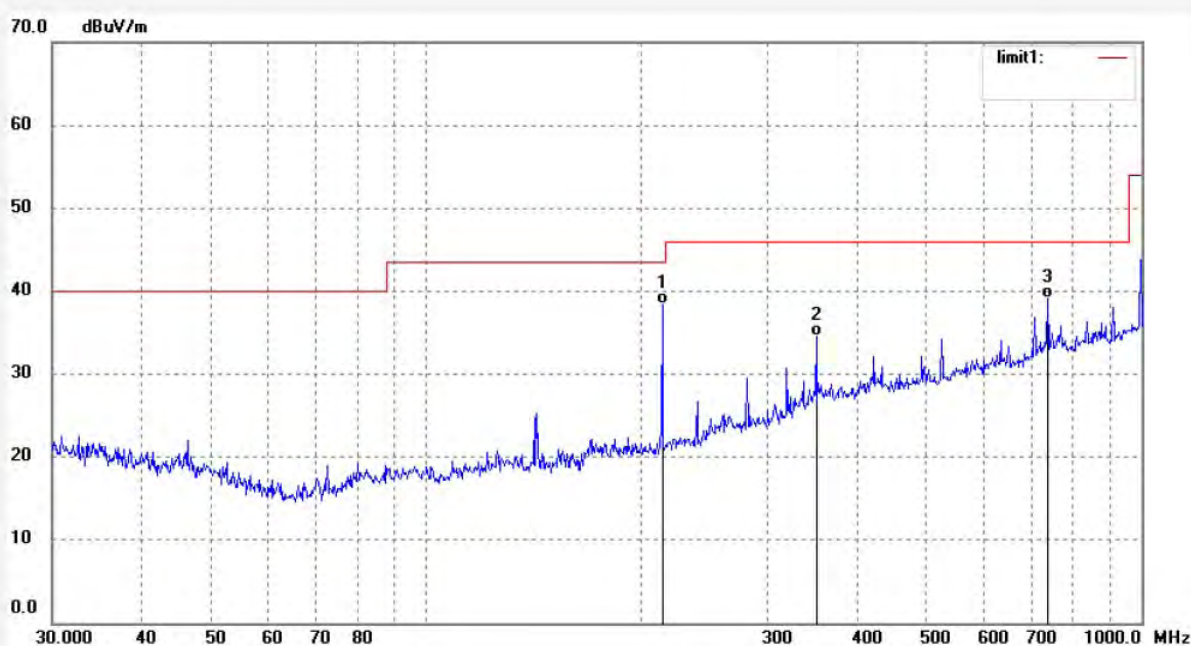
Date: 2012/10/12

Time: 22:50:11

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3535	21.86	16.47	38.33	43.50	-5.17	QP			
2	350.9722	13.63	20.85	34.48	46.00	-11.52	QP			
3	740.0000	11.67	27.51	39.18	46.00	-6.82	QP			



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.: Bob #5870

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 6(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: DC 5V(Power by PC)

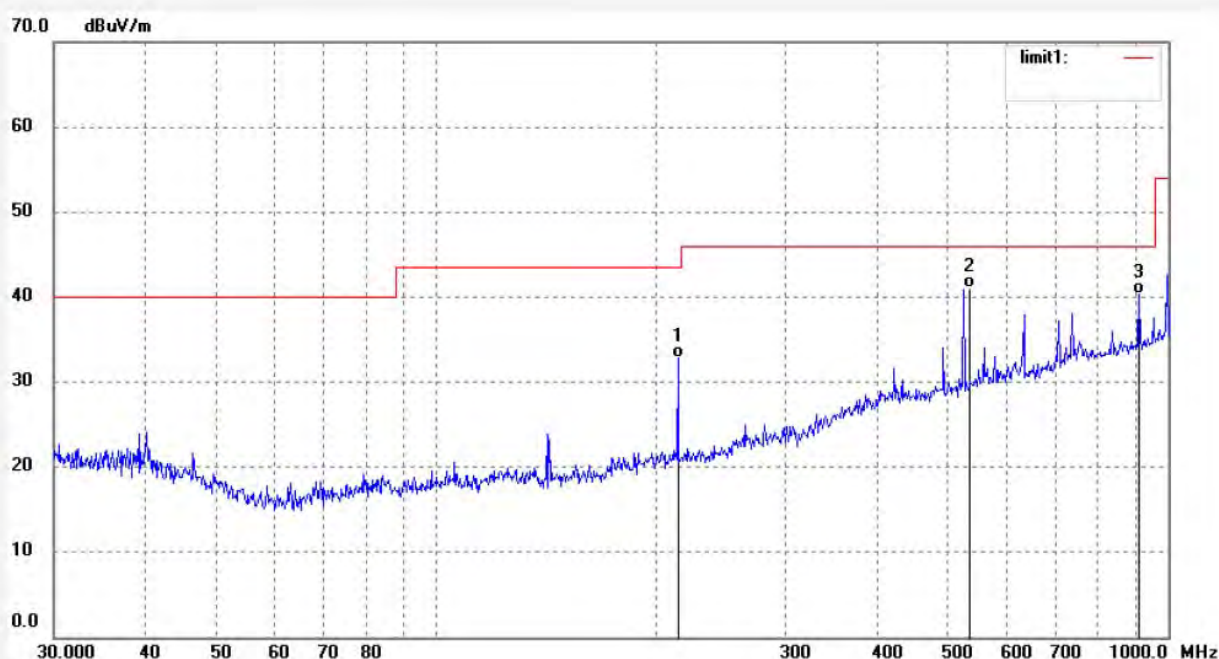
Date: 2012/10/12

Time: 22:47:37

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3340	16.40	16.48	32.88	43.50	-10.62	QP			
2	533.3201	16.48	24.47	40.95	46.00	-5.05	QP			
3	912.6952	11.44	28.87	40.31	46.00	-5.69	QP			



ACCURATE TECHNOLOGY CO., LTD.

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

Job No.: Bob #864

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 6(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

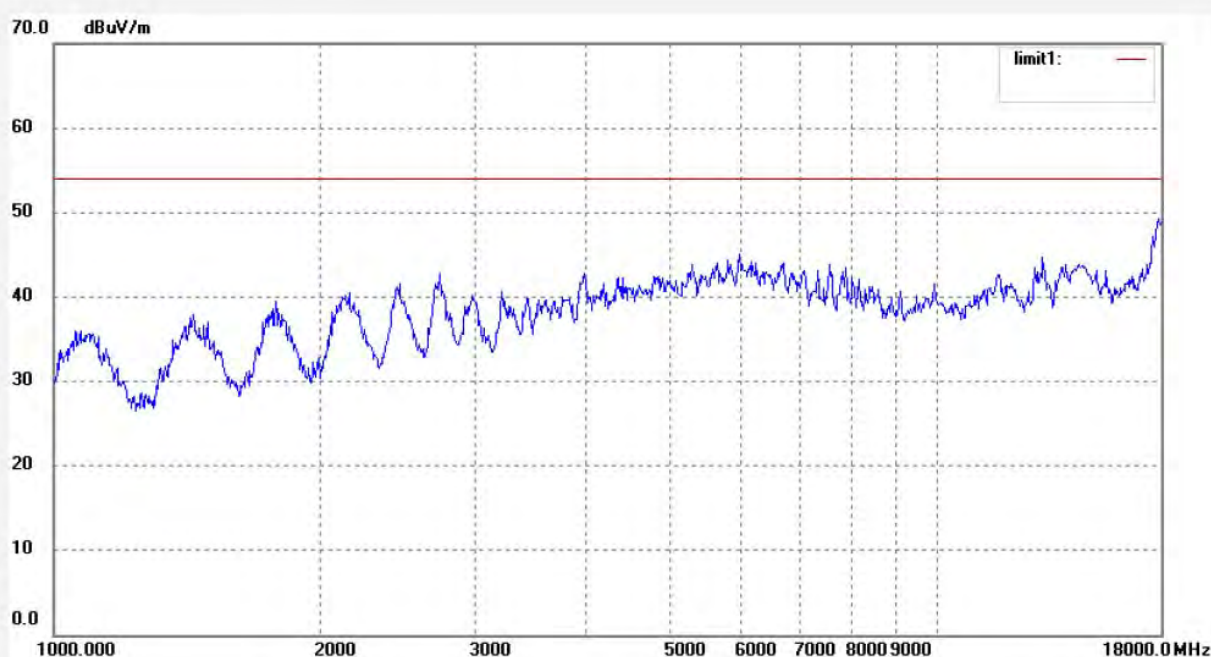
Date: 2012/10/10

Time: 19:03:49

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #865

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 6(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: DC 5V(Power by PC)

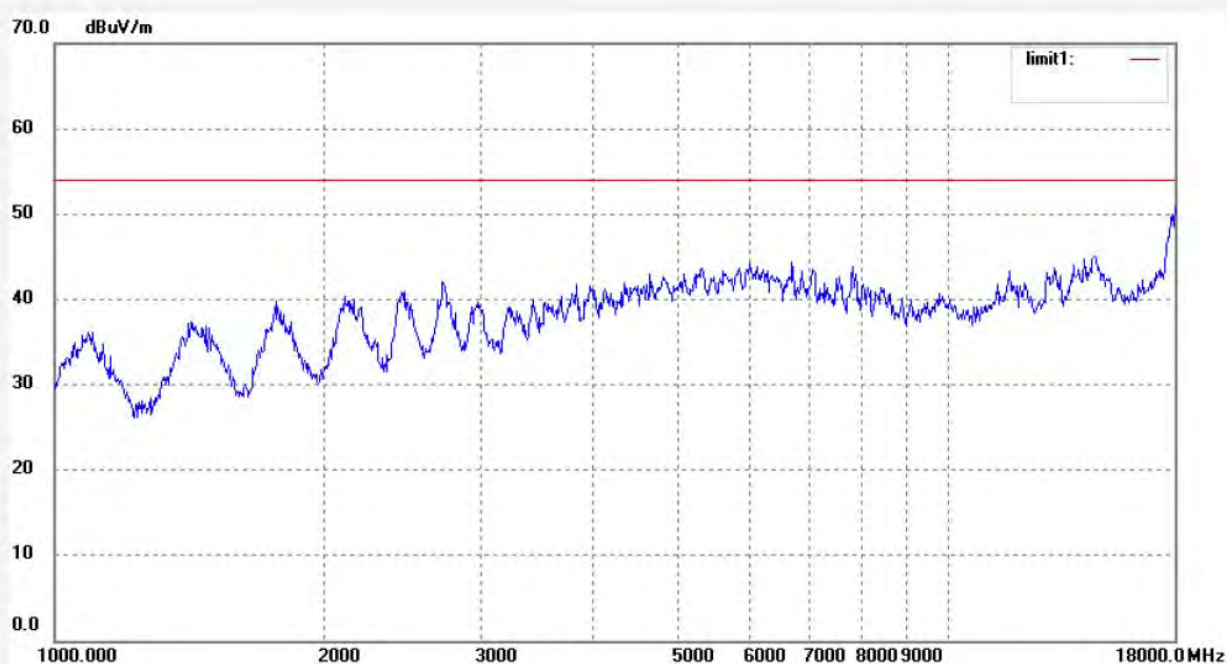
Date: 2012/10/10

Time: 19:08:44

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #1616

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 6 (802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

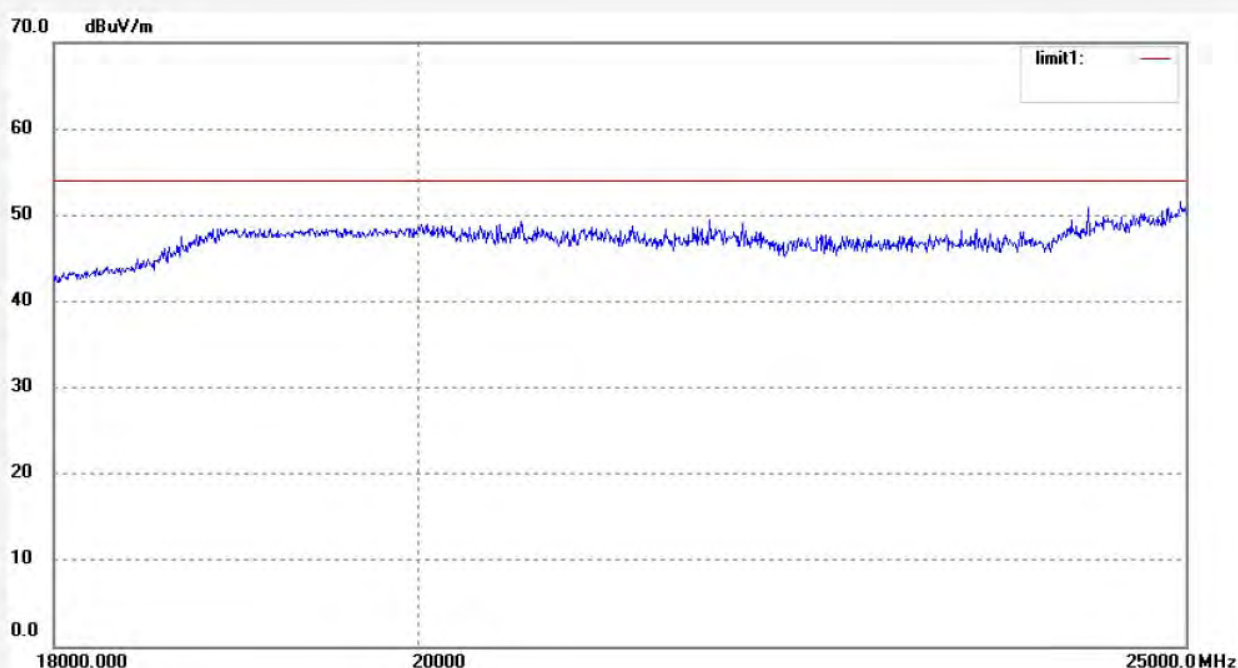
Date: 12/10/10

Time: 11:05:58

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Bob #1615

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 6 (802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: DC 5V(Power by PC)

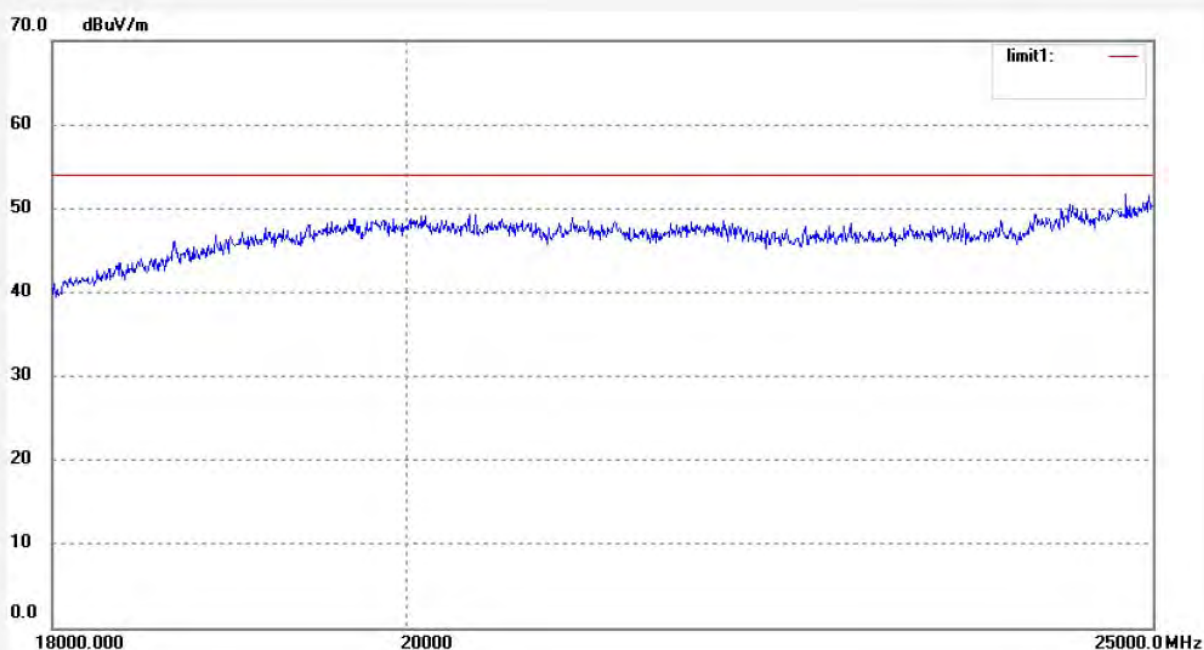
Date: 12/10/10

Time: 11:02:36

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #5872

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 11(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

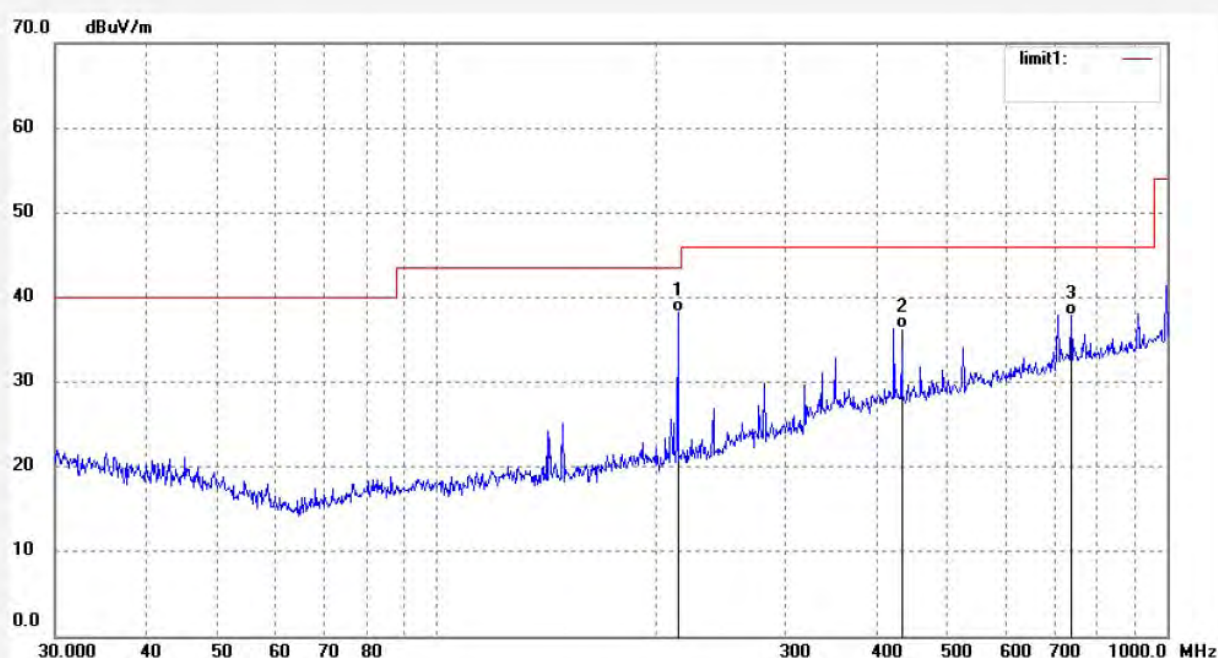
Date: 2012/10/12

Time: 22:54:06

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	21.74	16.47	38.21	43.50	-5.29	QP			
2	433.3000	13.40	22.95	36.35	46.00	-9.65	QP			
3	740.0000	10.44	27.51	37.95	46.00	-8.05	QP			



ACCURATE TECHNOLOGY CO., LTD.

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

Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Bob #5873

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 11(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: DC 5V(Power by PC)

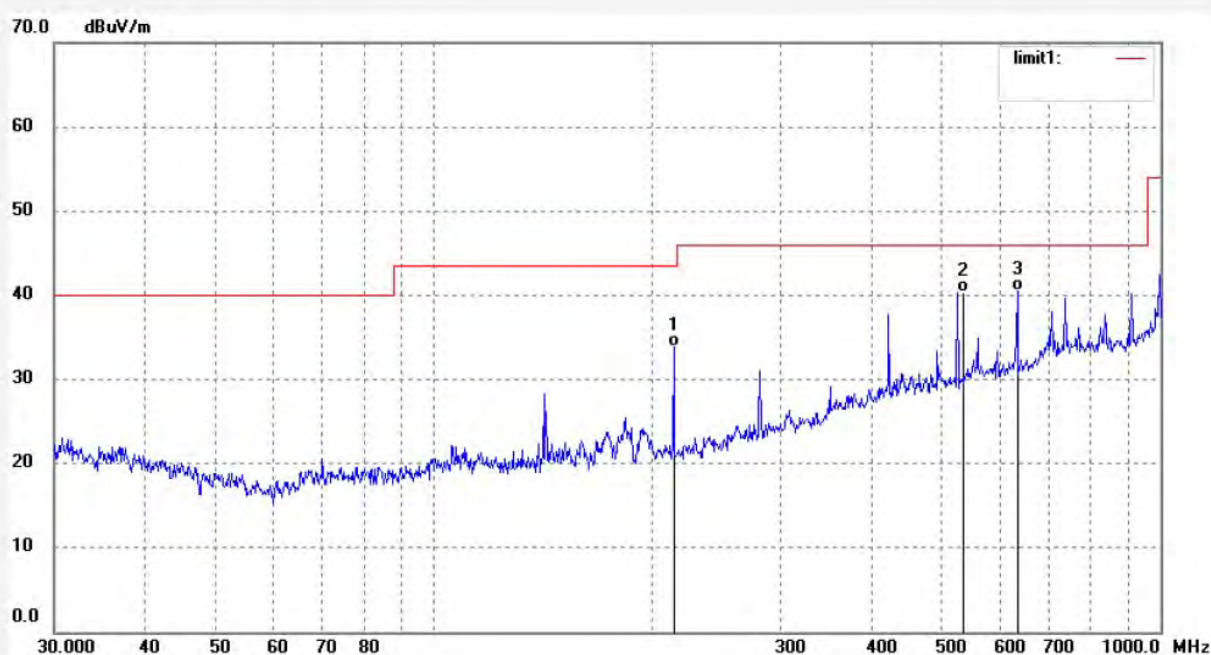
Date: 2012/10/12

Time: 22:59:15

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	17.30	16.48	33.78	43.50	-9.72	QP			
2	533.3000	15.92	24.47	40.39	46.00	-5.61	QP			
3	640.0000	14.40	26.08	40.48	46.00	-5.52	QP			


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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.: Bob #867

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 11(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

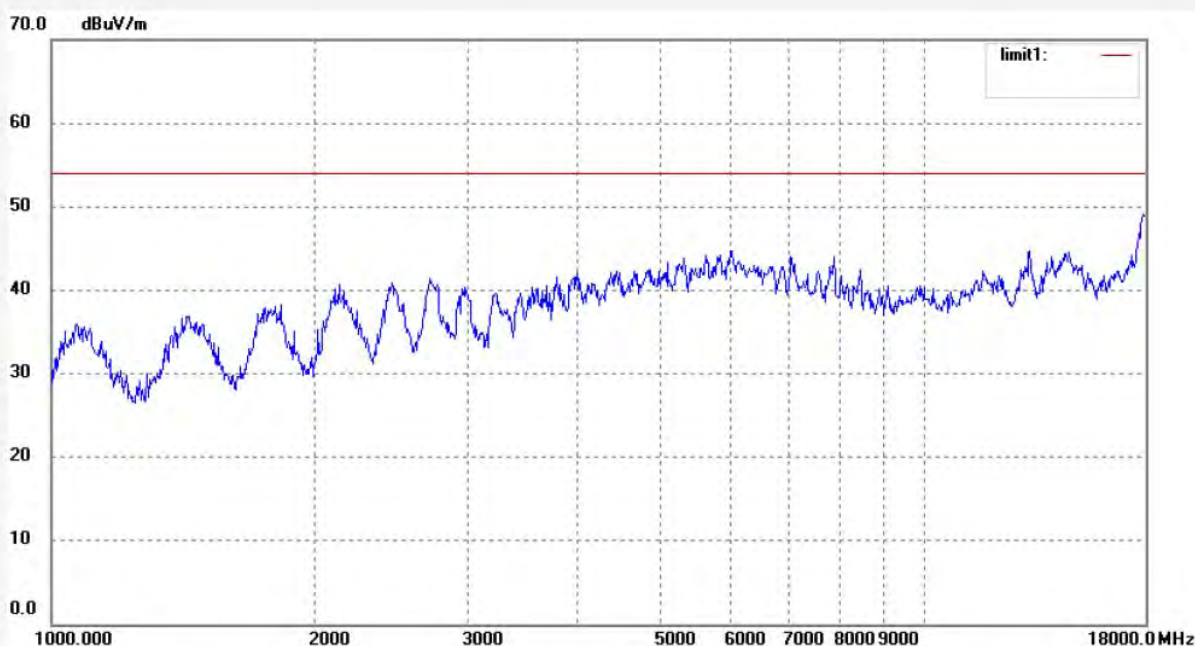
Date: 2012/10/10

Time: 19:16:33

Engineer Signature: Bob

Distance:

Note: Report No.: ATE20122303



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.: Bob #866

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 11(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: DC 5V(Power by PC)

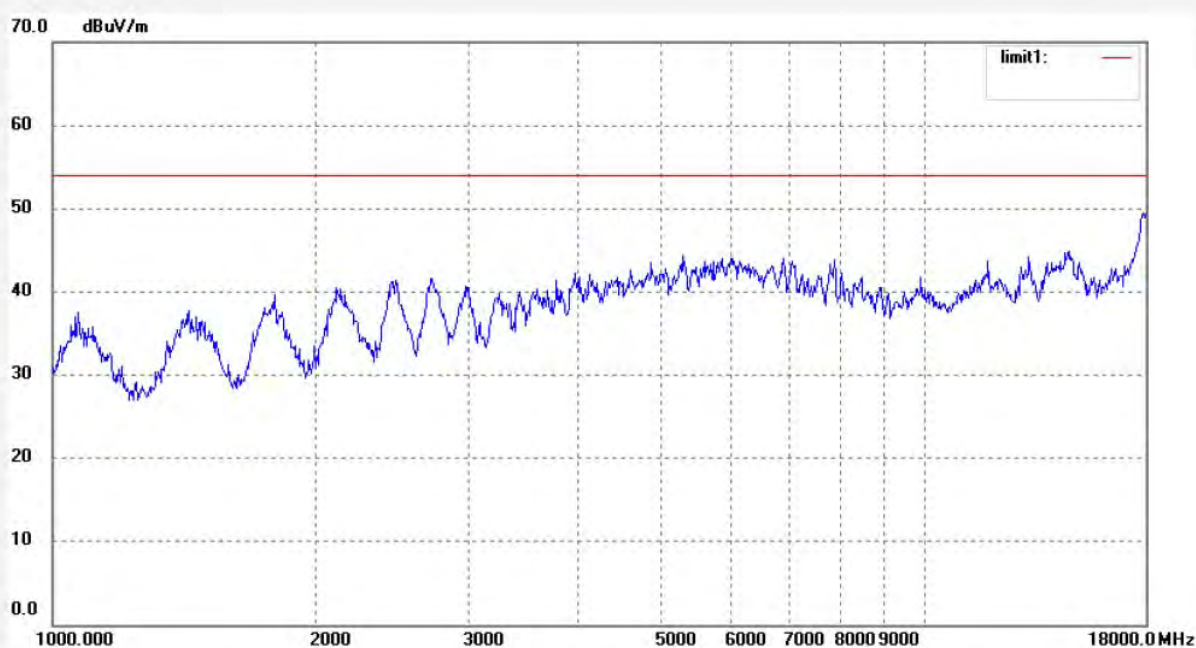
Date: 2012/10/10

Time: 19:11:47

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #1613

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 11 (802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

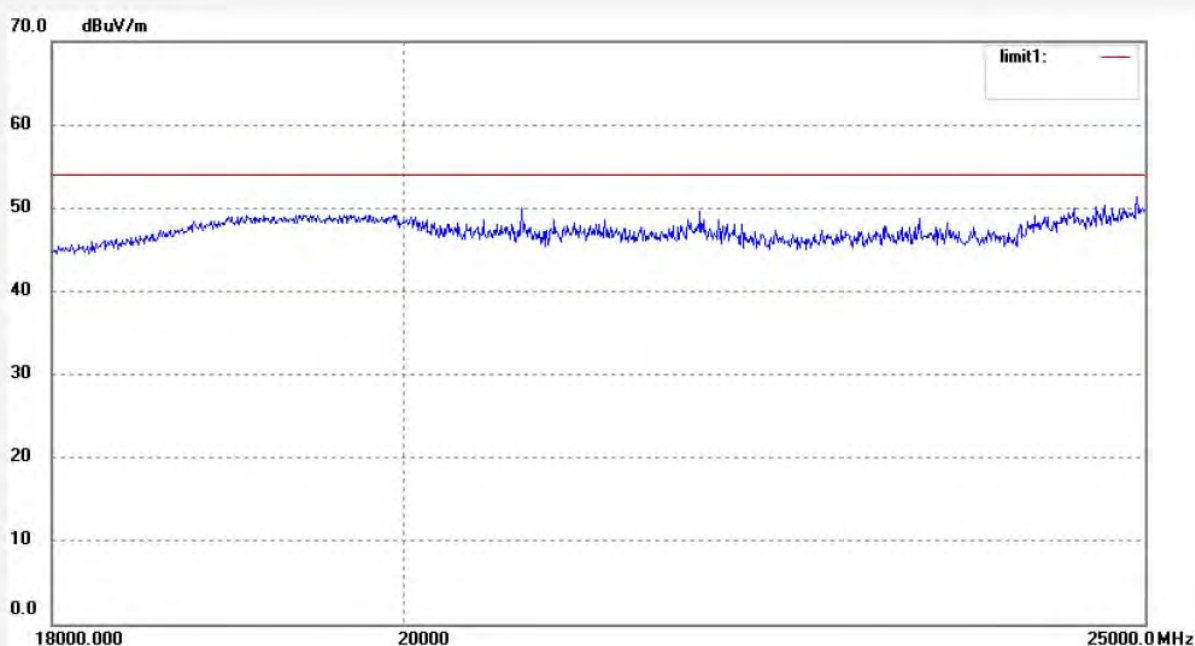
Date: 12/10/10

Time: 10:53:17

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #1614

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 11 (802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: DC 5V(Power by PC)

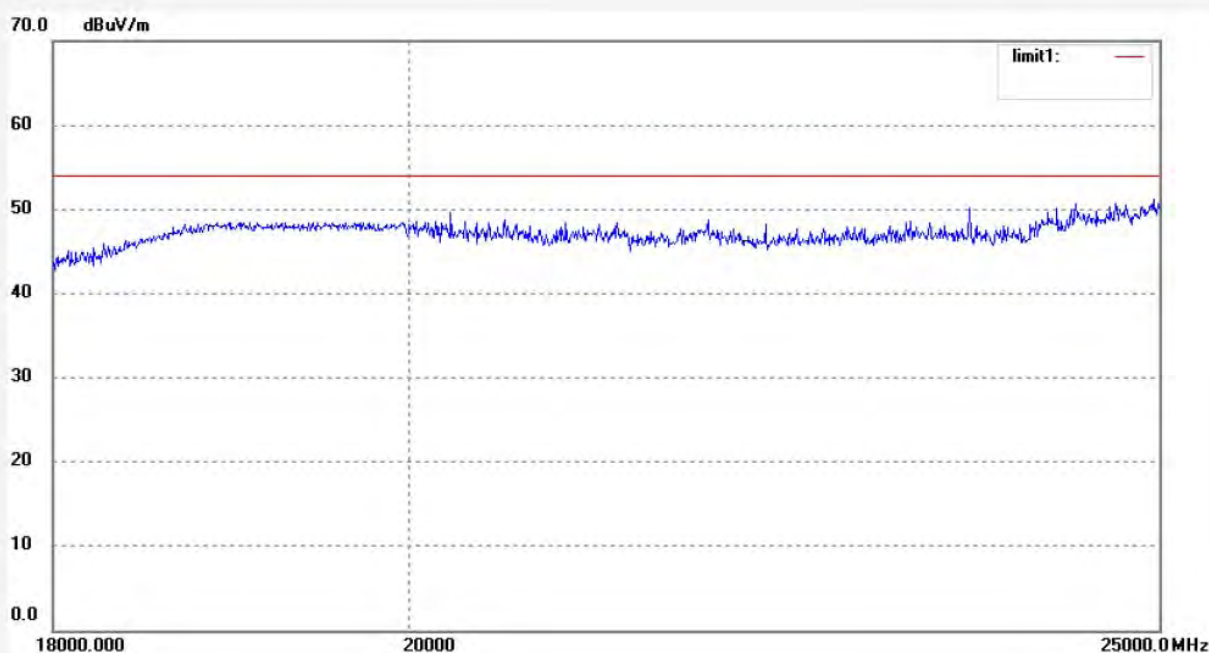
Date: 12/10/10

Time: 10:57:05

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #5875

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 3(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

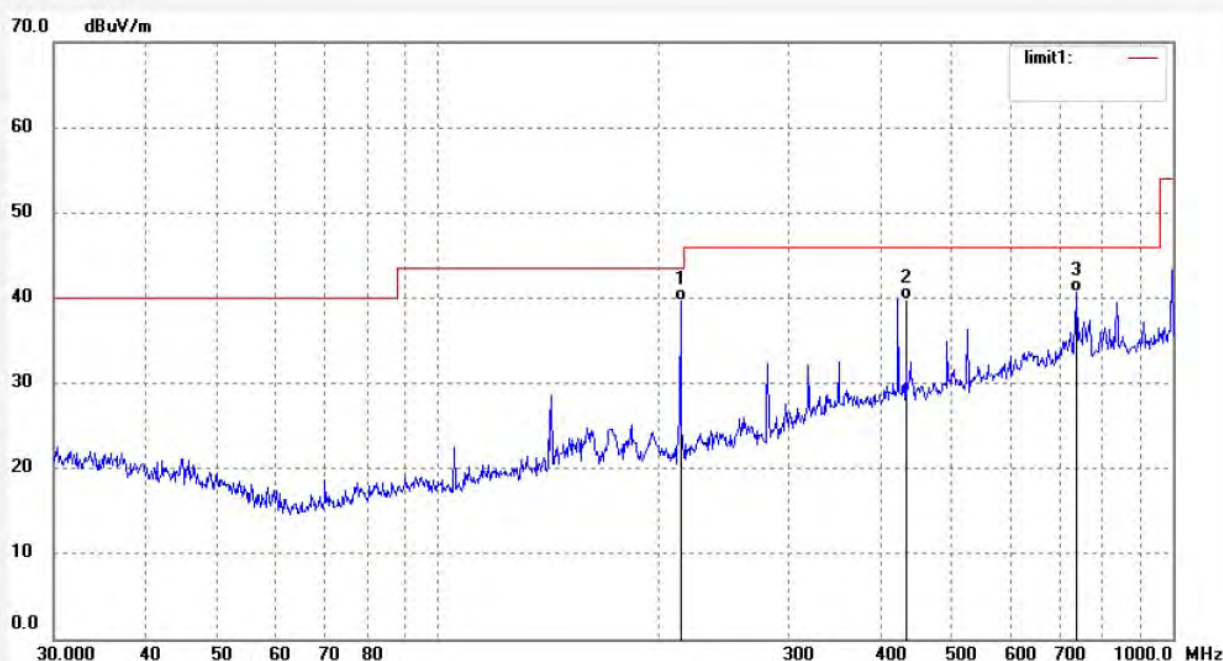
Date: 2012/10/12

Time: 23:06:23

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	23.19	16.47	39.66	43.50	-3.84	QP			
2	433.3000	16.81	22.95	39.76	46.00	-6.24	QP			
3	740.0000	13.20	27.51	40.71	46.00	-5.29	QP			



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

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

Job No.: Bob #5874

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 3(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: DC 5V(Power by PC)

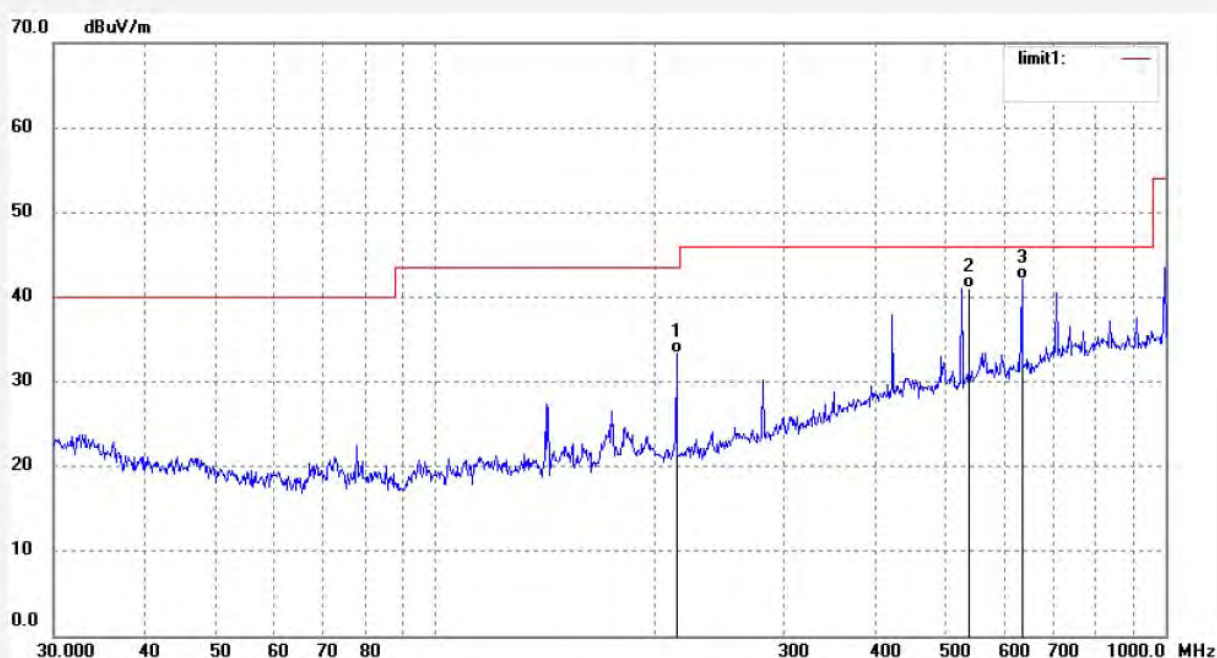
Date: 2012/10/12

Time: 23:02:44

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	16.83	16.48	33.31	43.50	-10.19	QP			
2	533.3000	16.49	24.47	40.96	46.00	-5.04	QP			
3	640.0000	16.04	26.08	42.12	46.00	-3.88	QP			


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

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

Job No.: Bob #868

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 3(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

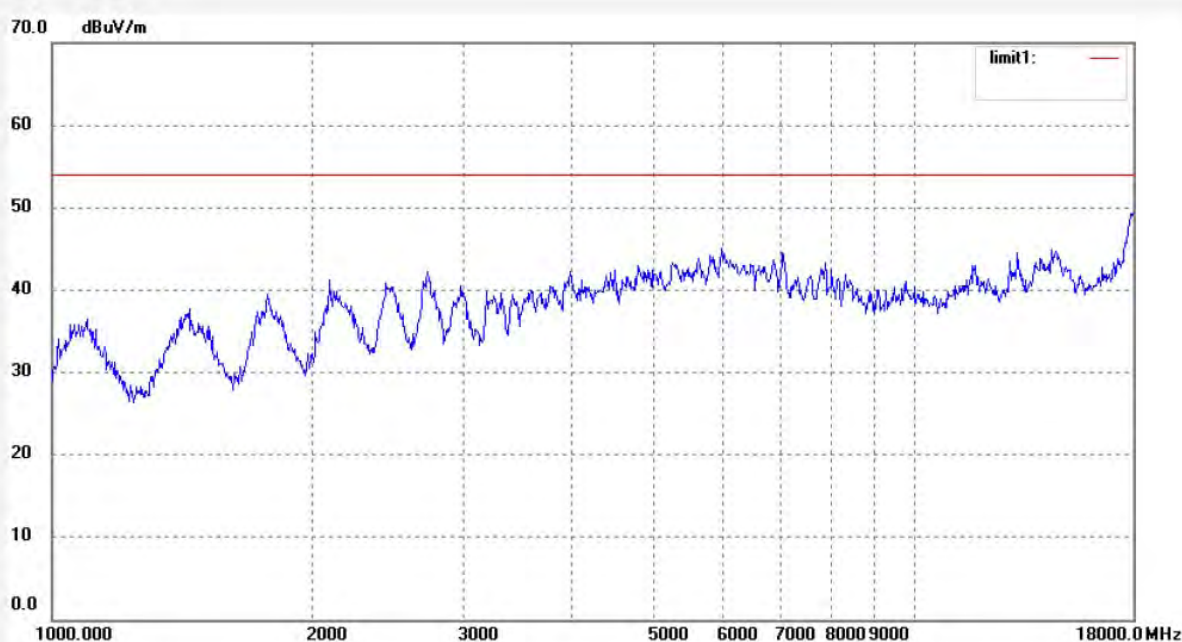
Date: 2012/10/10

Time: 19:21:11

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #868

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 3(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

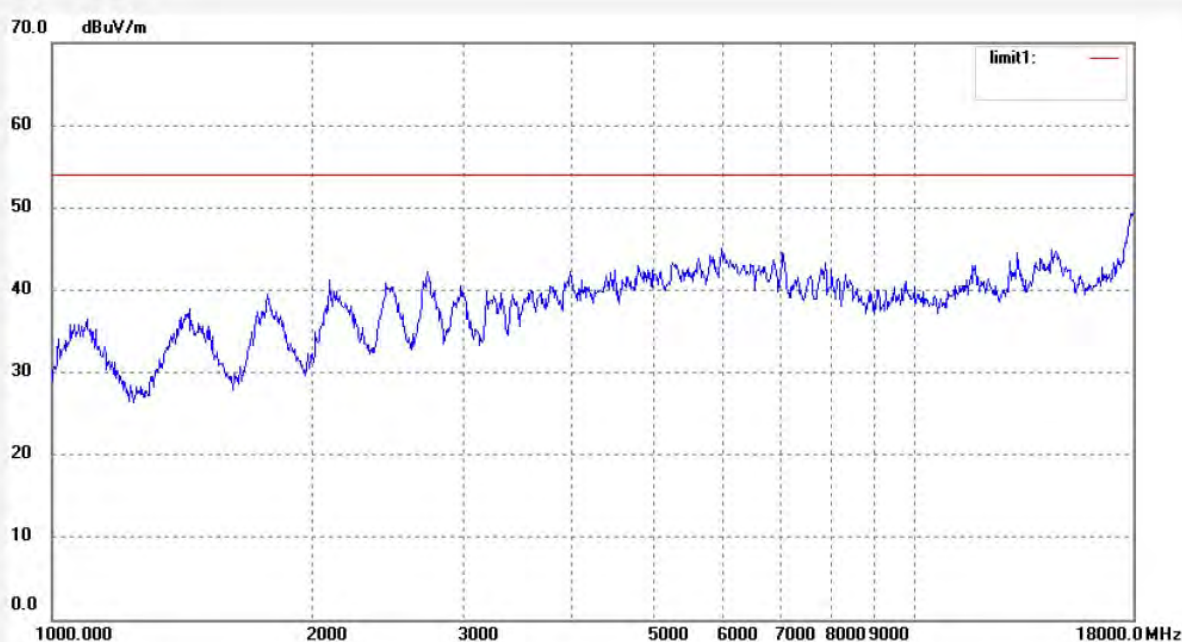
Date: 2012/10/10

Time: 19:21:11

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #5916

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 3 (802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

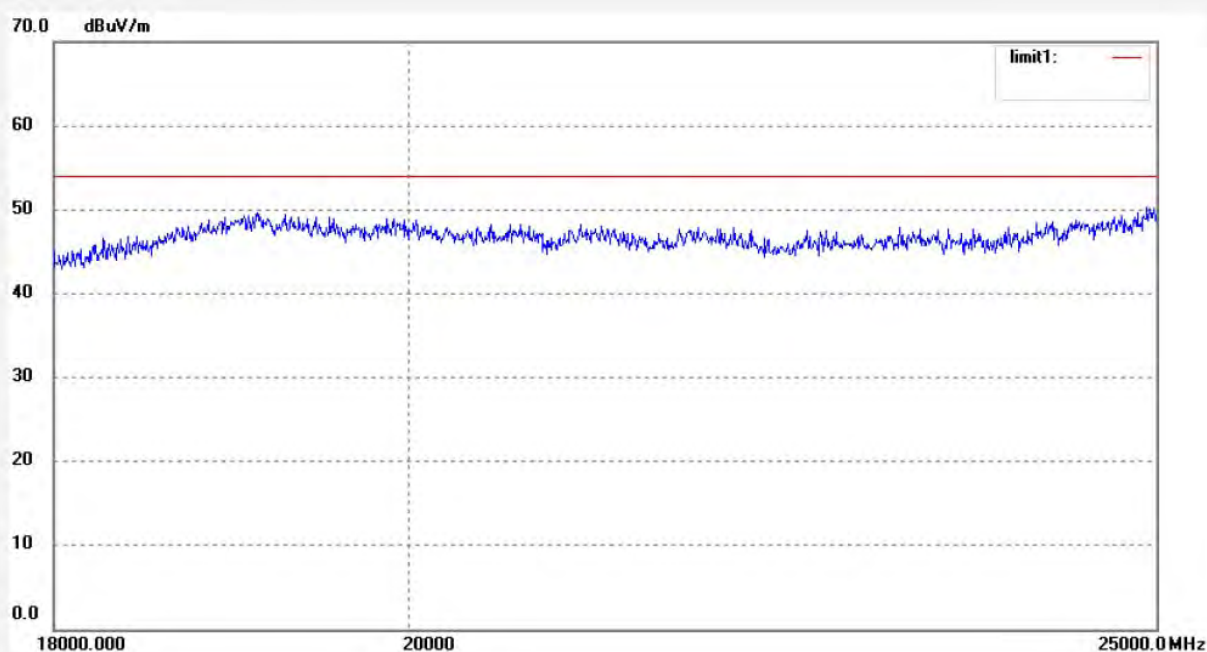
Date: 12/10/10

Time: 11:52:09

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #5917

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 3 (802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: DC 5V(Power by PC)

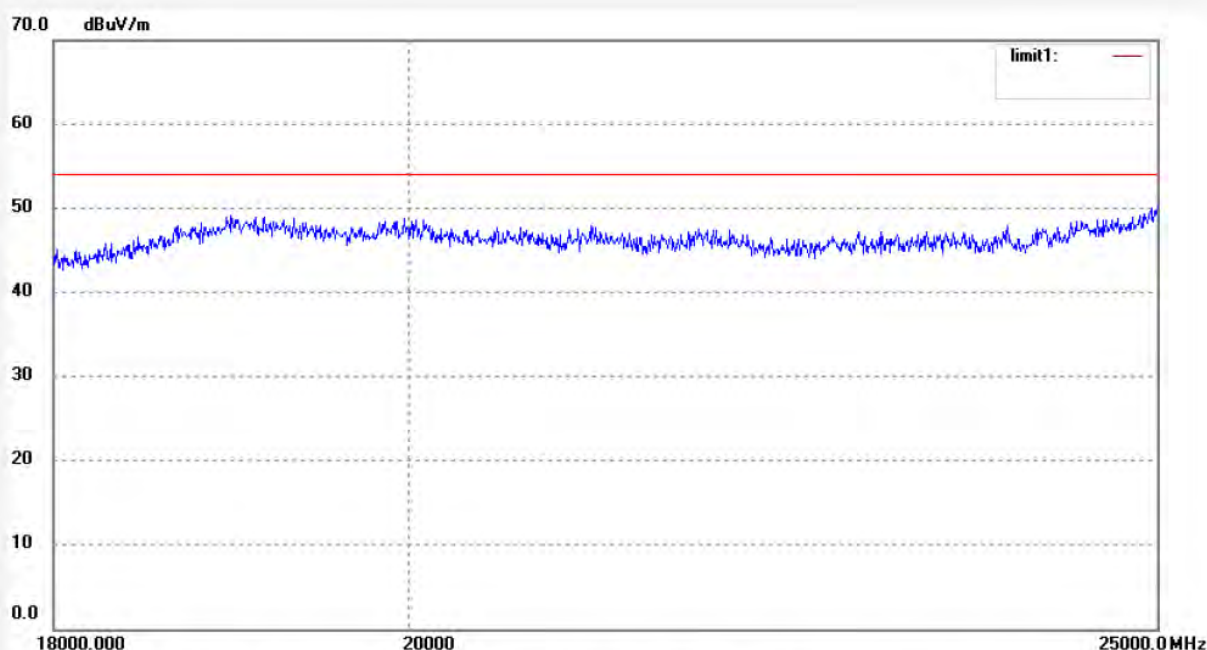
Date: 12/10/10

Time: 11:56:43

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #5876

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 6(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

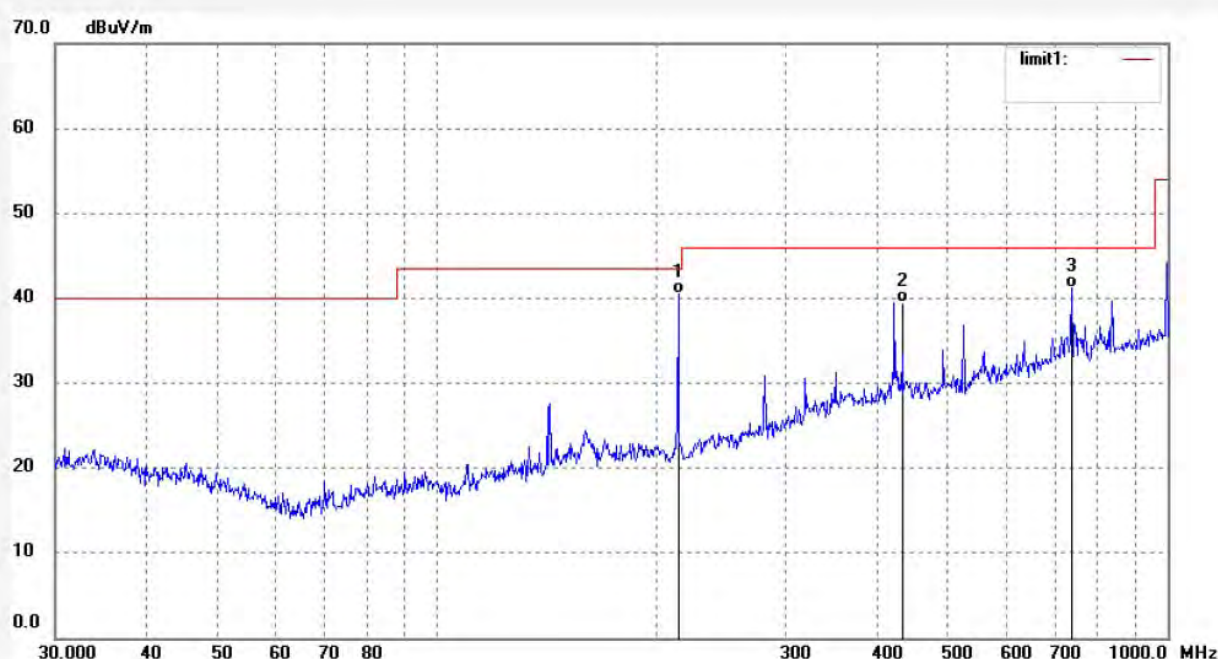
Date: 2012/10/12

Time: 23:11:29

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	24.01	16.47	40.48	43.50	-3.02	QP			
2	433.3000	16.57	22.95	39.52	46.00	-6.48	QP			
3	740.0000	13.75	27.51	41.26	46.00	-4.74	QP			



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

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

Job No.: Bob #5878

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Mobile internet device

Mode: TX Channel 6 (802.11n)

Model: DS975

Manufacturer: Pipo

Polarization: Vertical

Power Source: DC 5V(Power by PC)

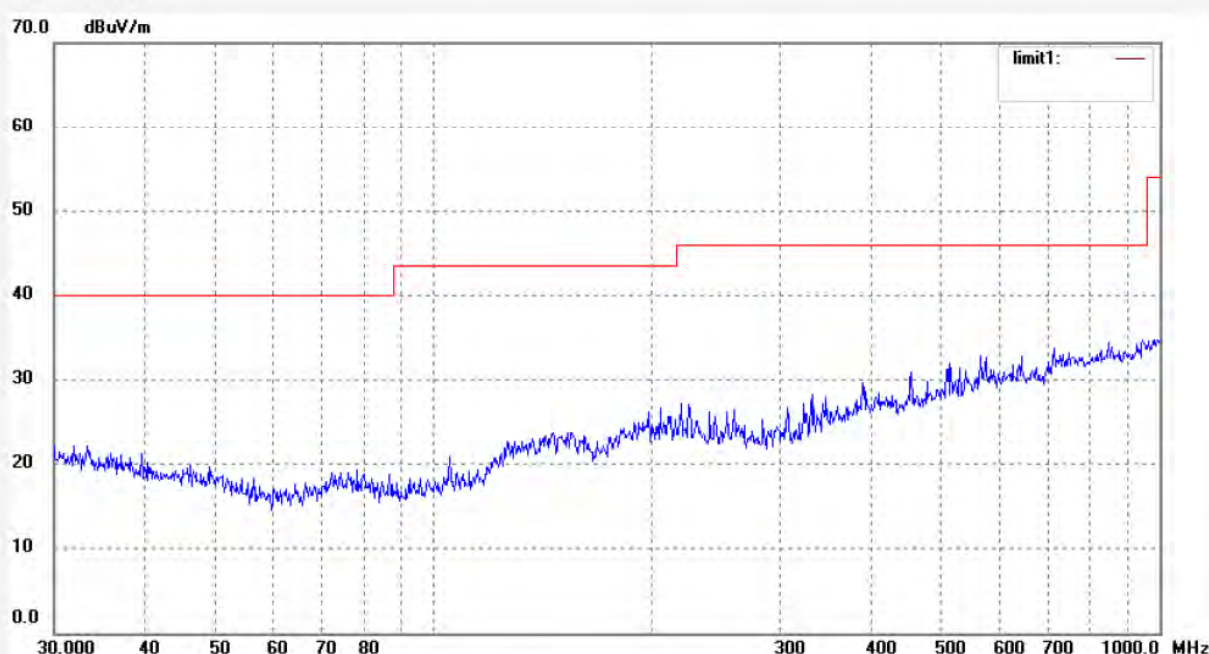
Date: 2012/8/31

Time: 15:48:55

Engineer Signature: Bob

Distance: 3m

Note: Report No.:ATE20121929



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.: Bob #871

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 6(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

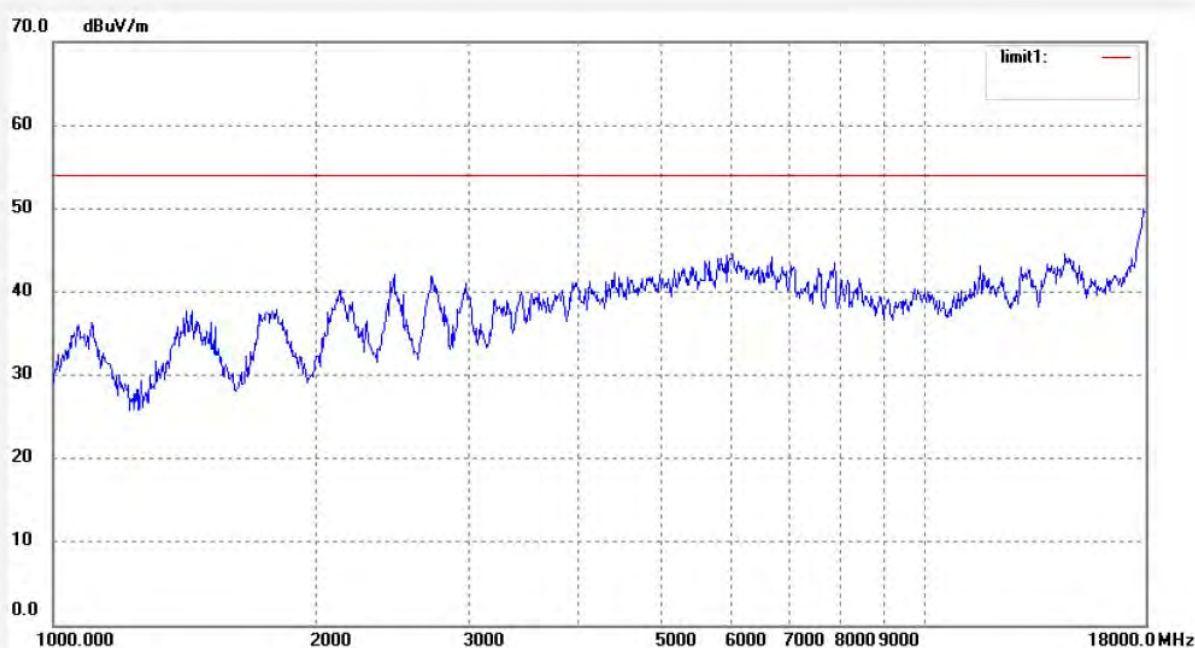
Date: 2012/10/10

Time: 19:34:10

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #870

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 6(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: DC 5V(Power by PC)

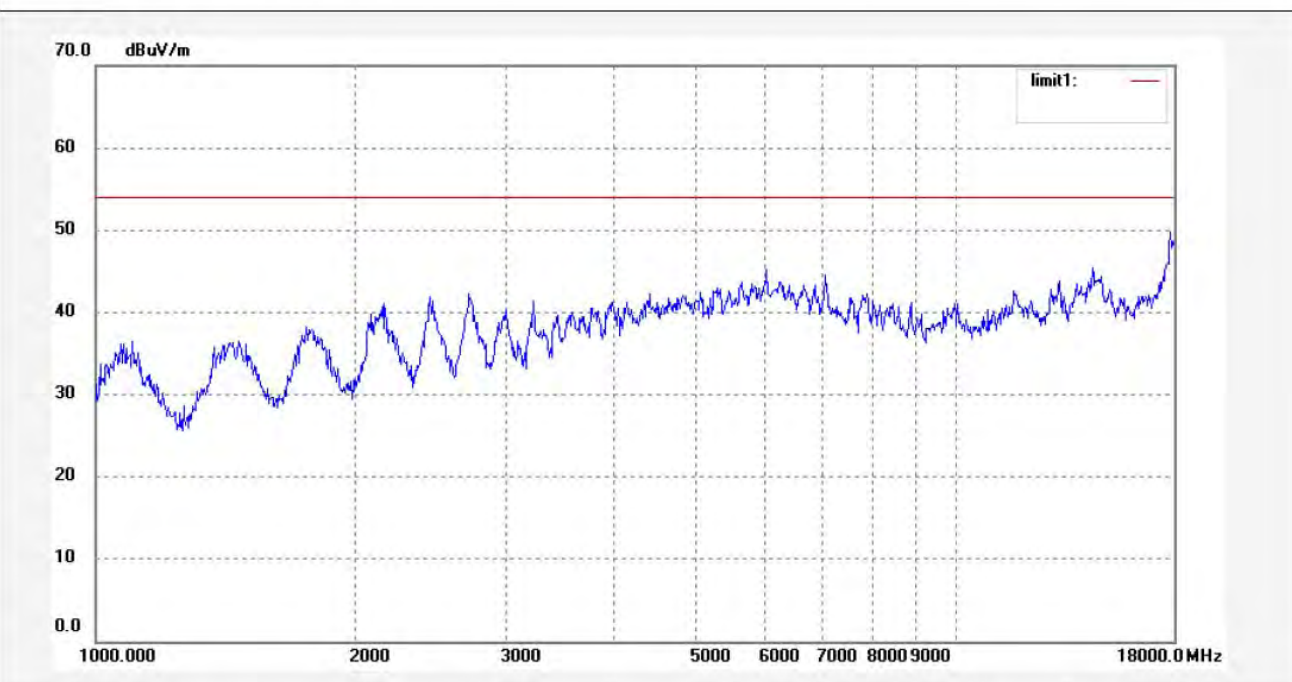
Date: 2012/10/10

Time: 19:30:35

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #5919

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 6 (802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

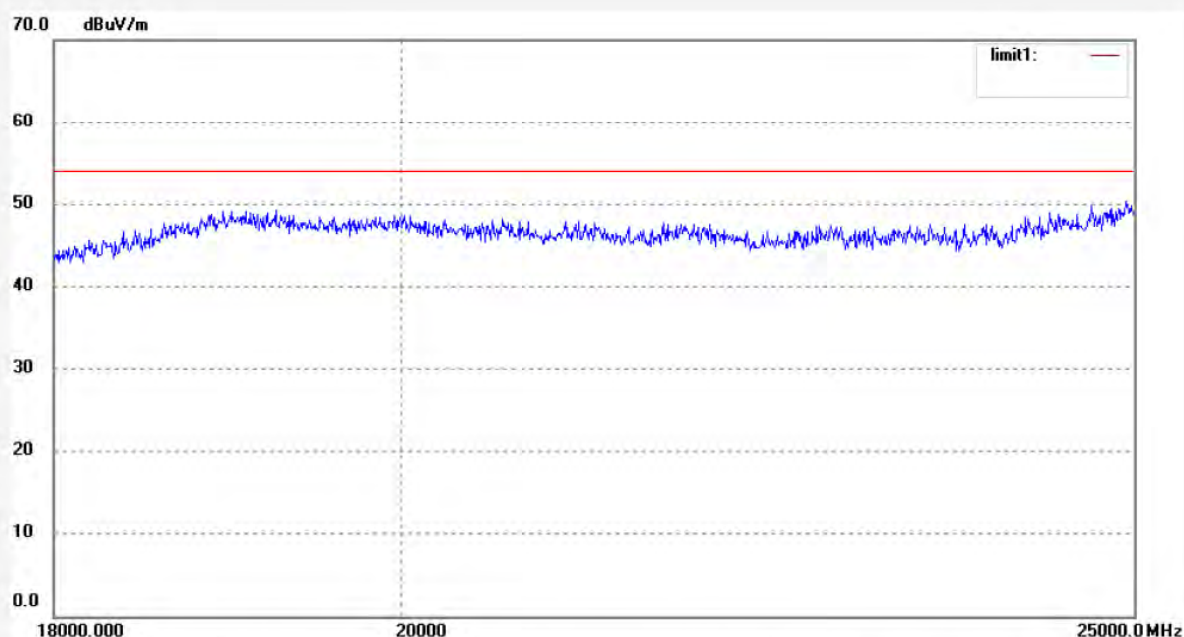
Date: 12/10/10

Time: 12:05:30

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #5918

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 6 (802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: DC 5V(Power by PC)

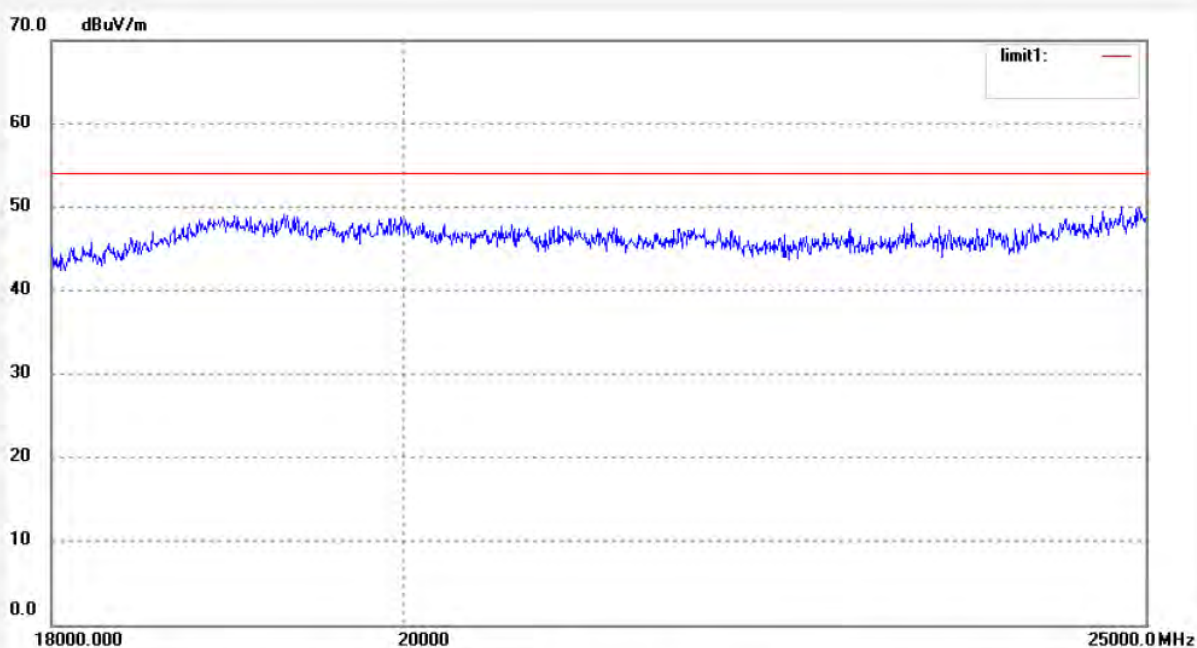
Date: 12/10/10

Time: 12:01:19

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #5879

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 9(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

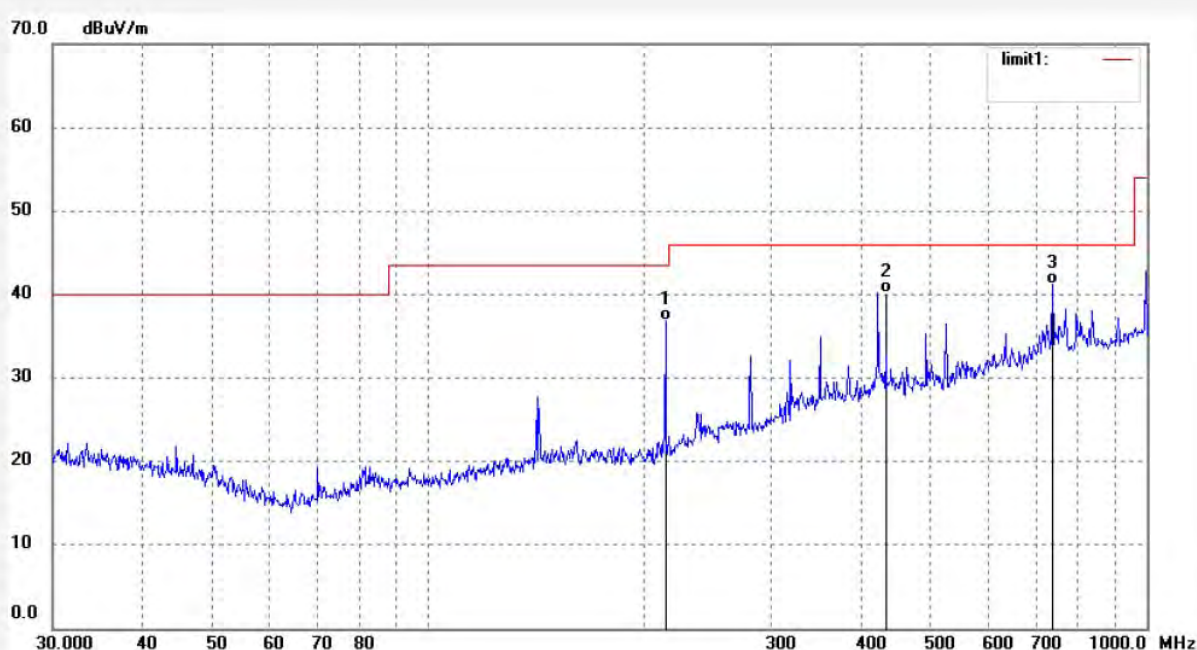
Date: 2012/10/12

Time: 23:24:16

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3535	20.30	16.47	36.77	43.50	-6.73	QP			
2	433.3100	17.25	22.95	40.20	46.00	-5.80	QP			
3	740.1000	13.62	27.51	41.13	46.00	-4.87	QP			



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.: Bob #5878

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 9(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: DC 5V(Power by PC)

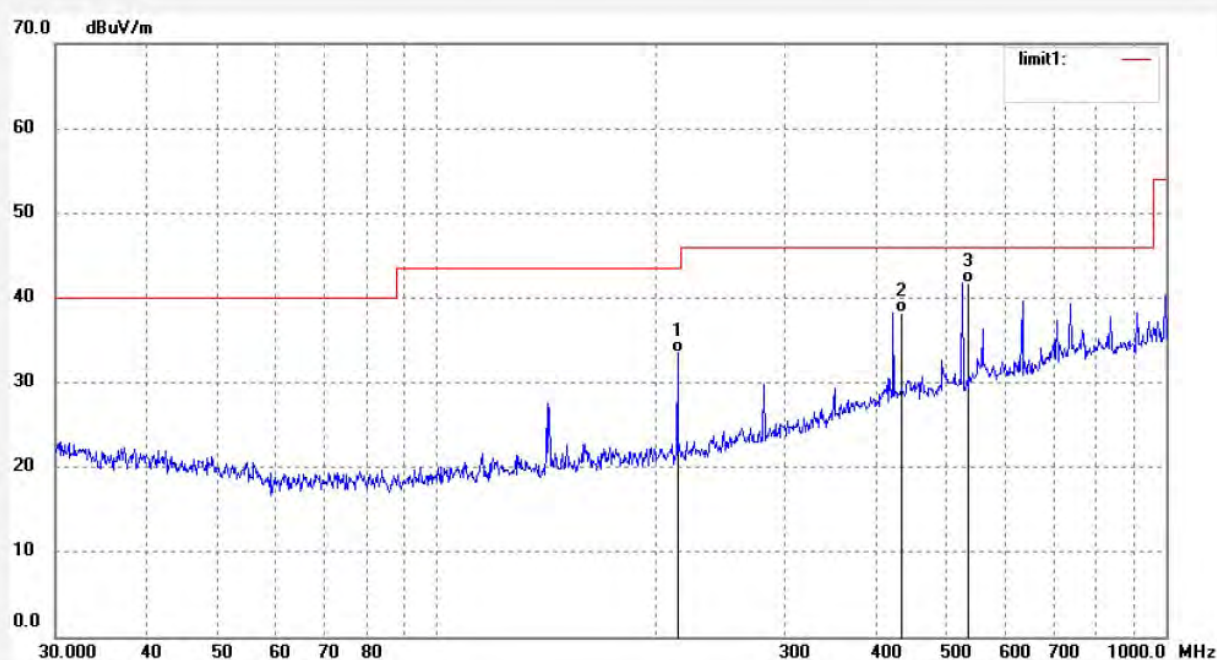
Date: 2012/10/12

Time: 23:20:13

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	213.3000	16.97	16.48	33.45	43.50	-10.05	QP			
2	433.3000	15.21	22.95	38.16	46.00	-7.84	QP			
3	533.0000	17.35	24.45	41.80	46.00	-4.20	QP			


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

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

Job No.: Bob #872

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 9(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

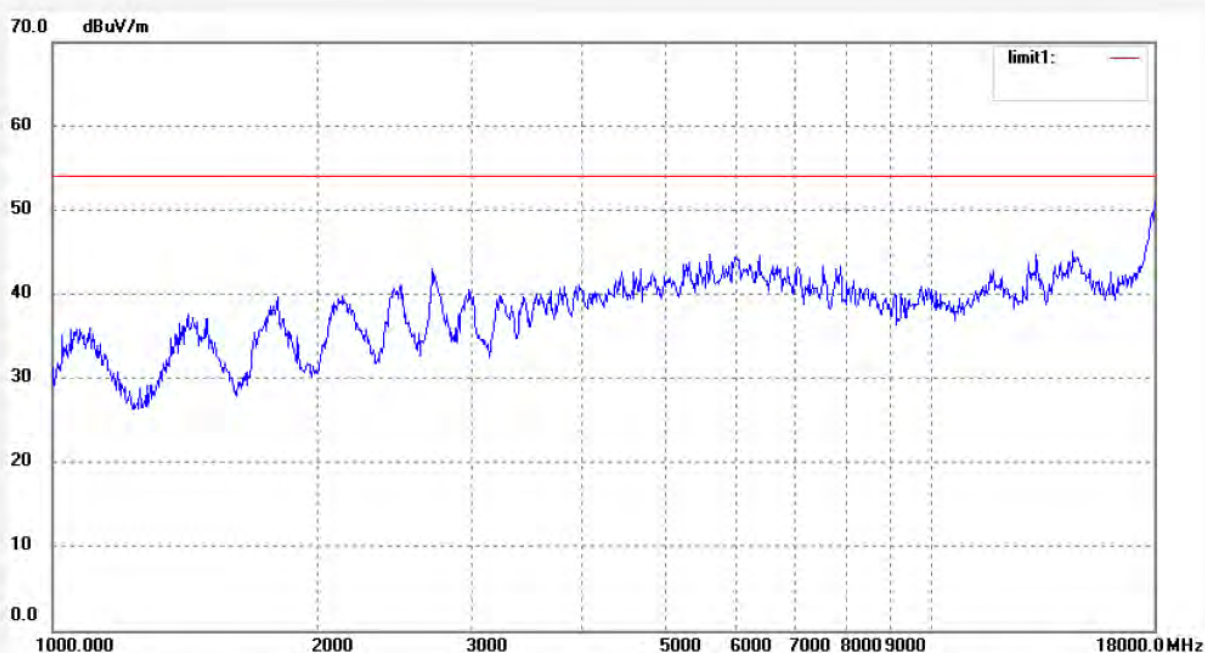
Date: 2012/10/10

Time: 19:37:55

Engineer Signature: Bob

Distance:

Note: Report No.: ATE20122303



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.: Bob #873

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 9(802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: DC 5V(Power by PC)

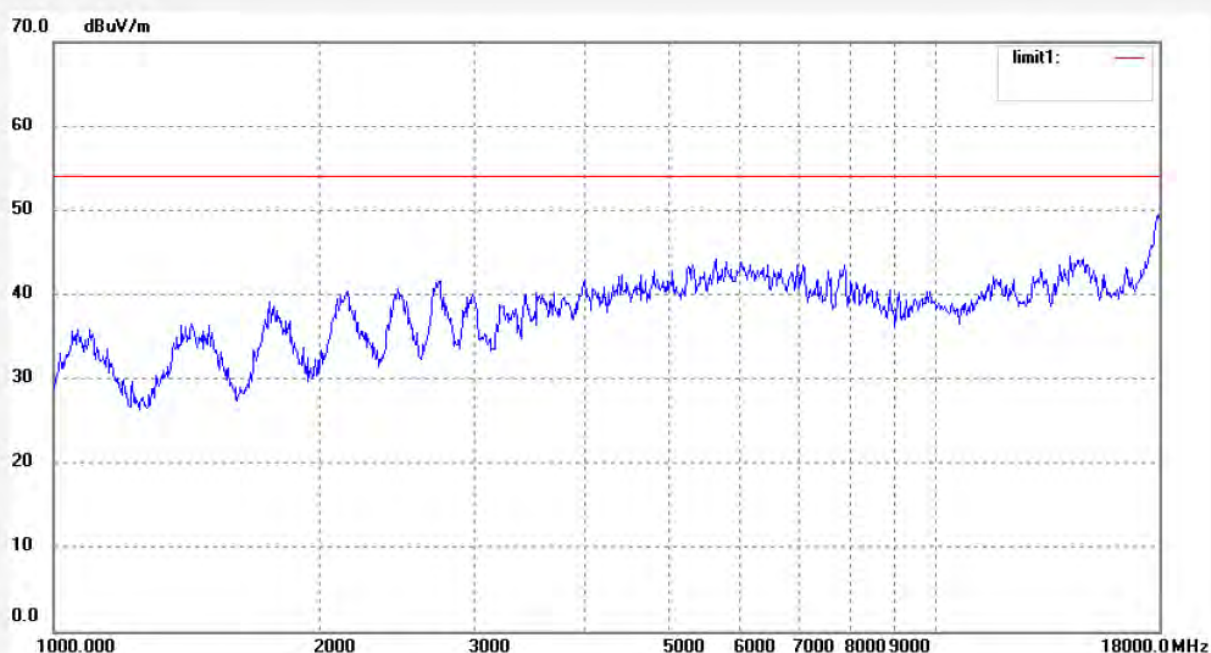
Date: 2012/10/10

Time: 19:43:30

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #5920

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 9 (802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Horizontal

Power Source: DC 5V(Power by PC)

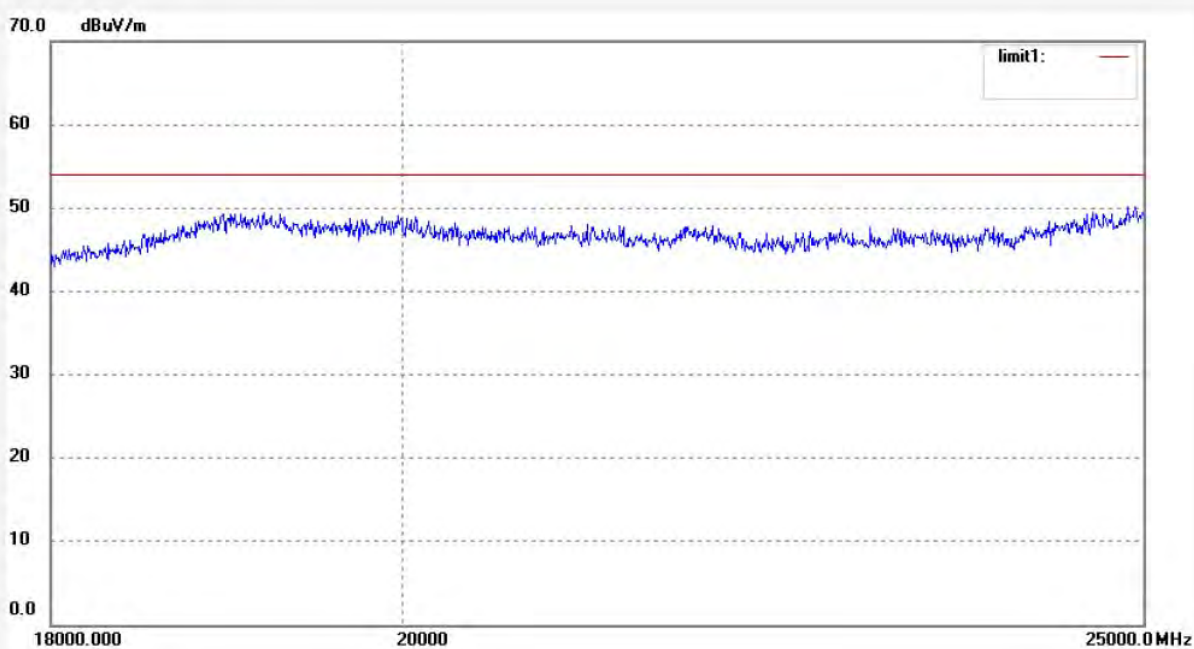
Date: 12/10/10

Time: 12:10:41

Engineer Signature: Bob

Distance:

Note: Report No.:ATE20122303



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.: Bob #5921

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: MID

Mode: TX Channel 9 (802.11n)

Model: PC435

Manufacturer: Natural Sound

Polarization: Vertical

Power Source: DC 5V(Power by PC)

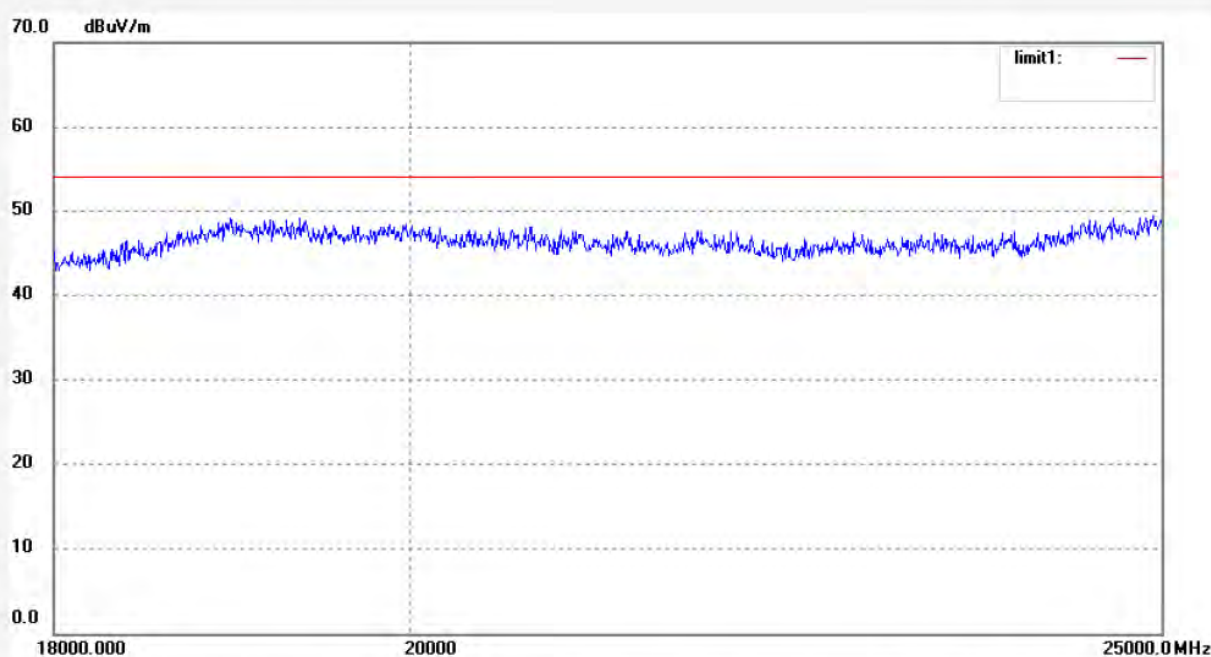
Date: 12/10/10

Time: 12:15:08

Engineer Signature: Bob

Distance:

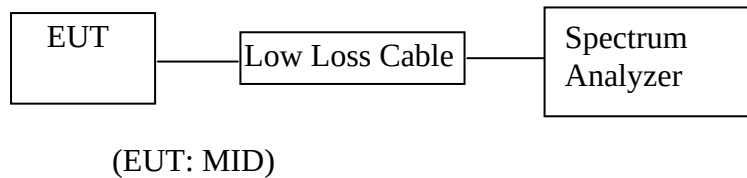
Note: Report No.:ATE20122303



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



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	:	PC435
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 100kHz and VBW to 300kHz (below 1GHz).

10.5.3.Set RBW of spectrum analyzer to 1MHz and VBW to 3MHz (above 1GHz).

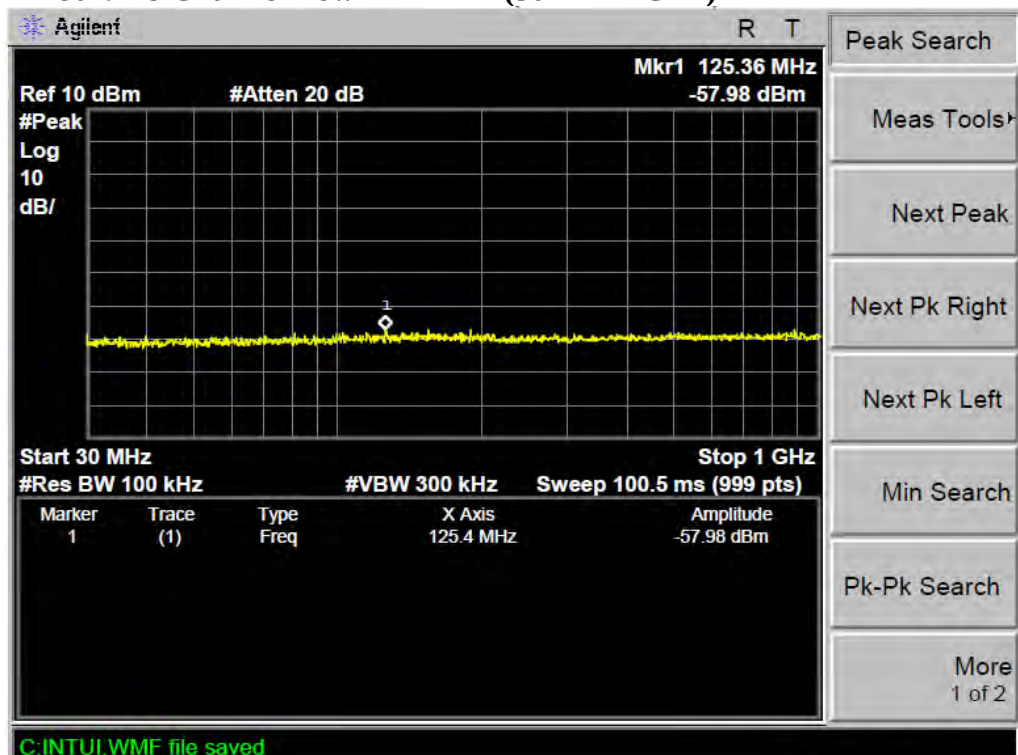
10.5.4.The Conducted Spurious Emission was measured and recorded.

10.6.Test Result

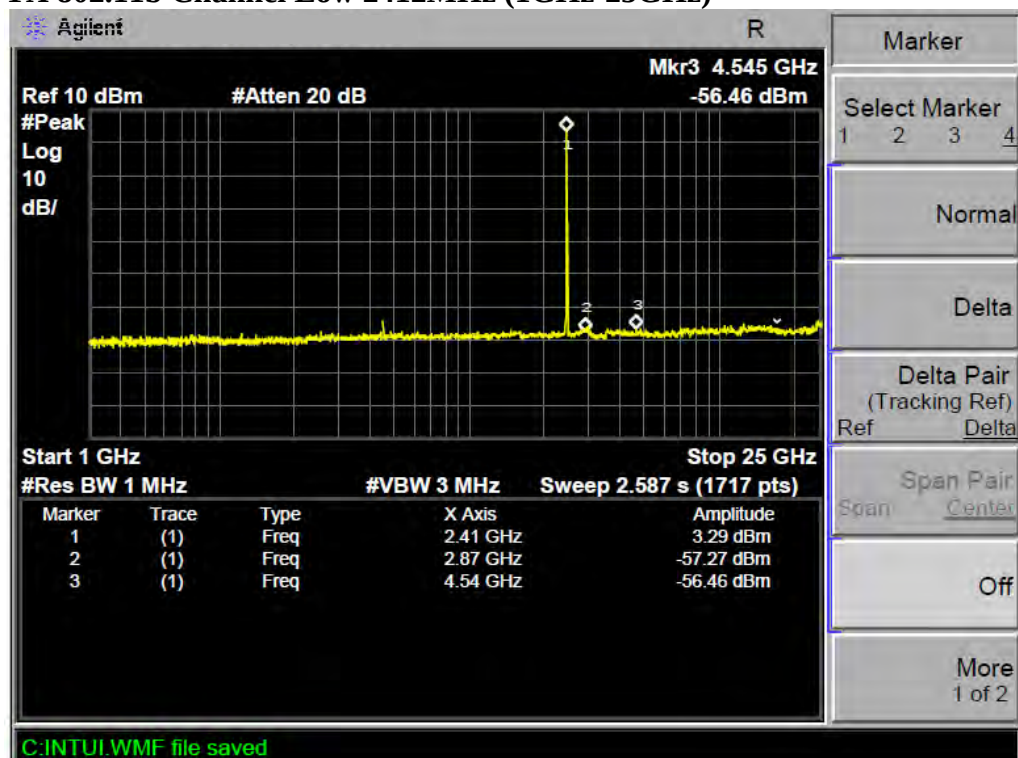
Pass.

The spectrum analyzer plots are attached as below.

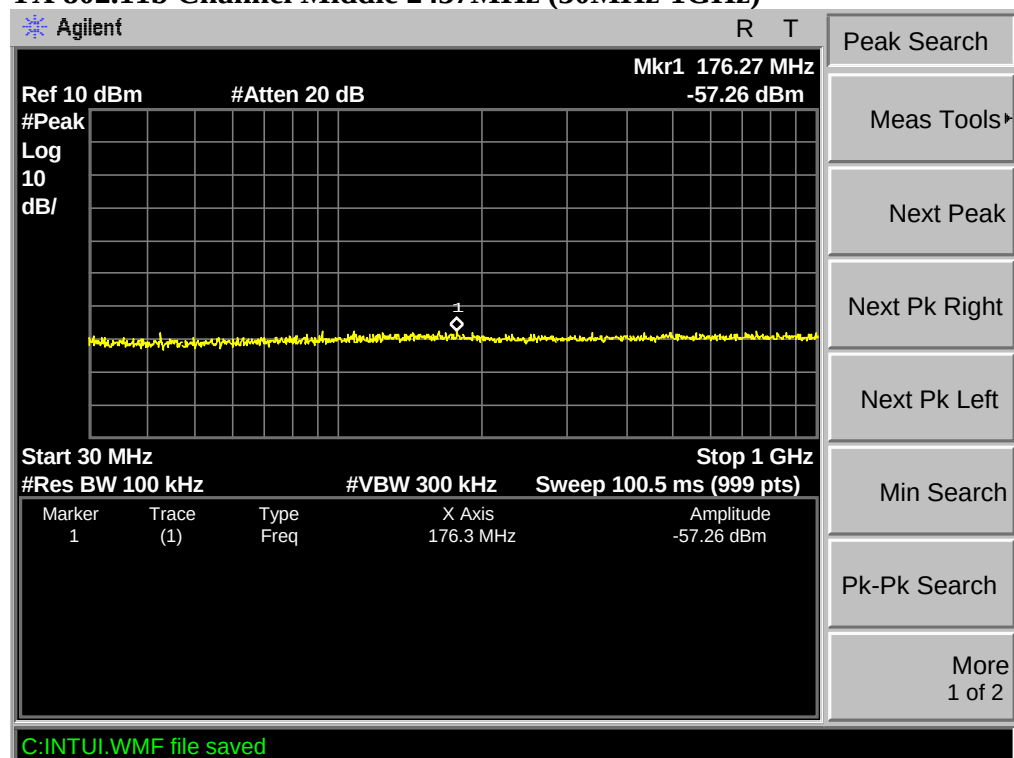
TX 802.11b Channel Low 2412MHz (30MHz-1GHz)



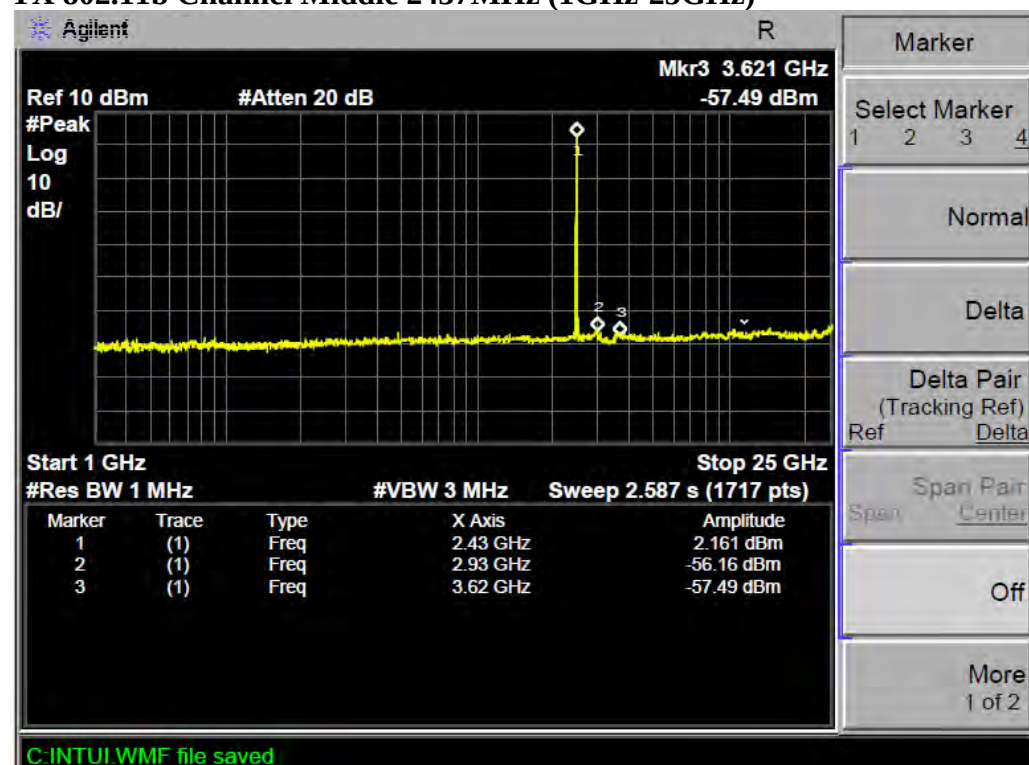
TX 802.11b Channel Low 2412MHz (1GHz-25GHz)



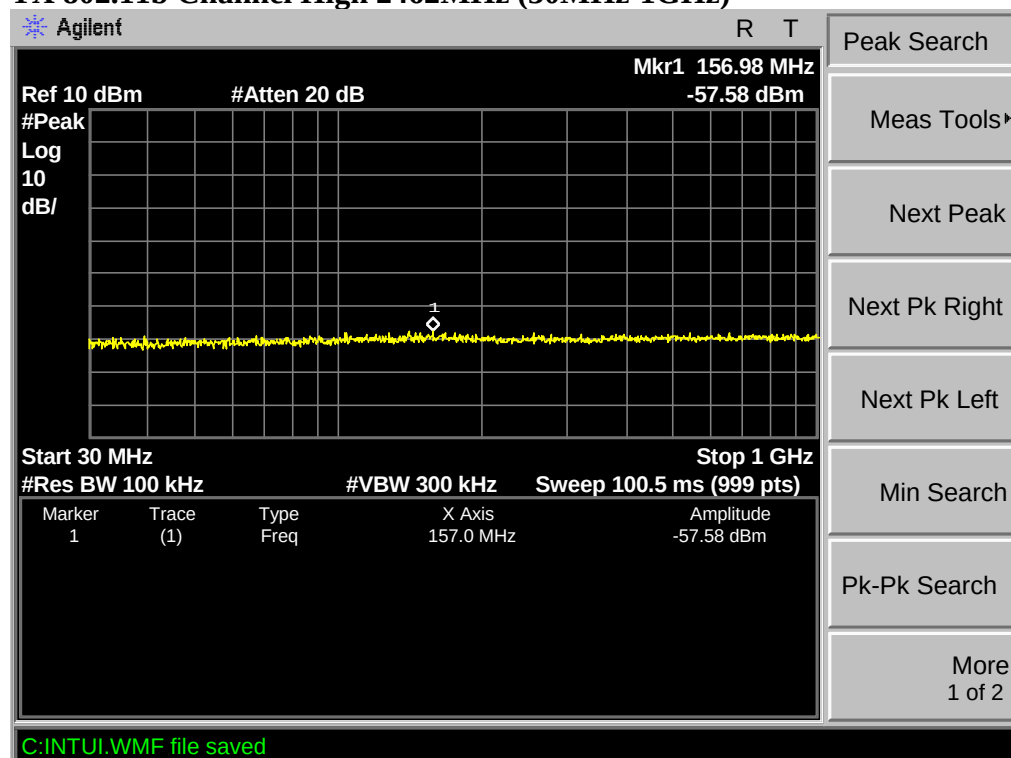
TX 802.11b Channel Middle 2437MHz (30MHz-1GHz)



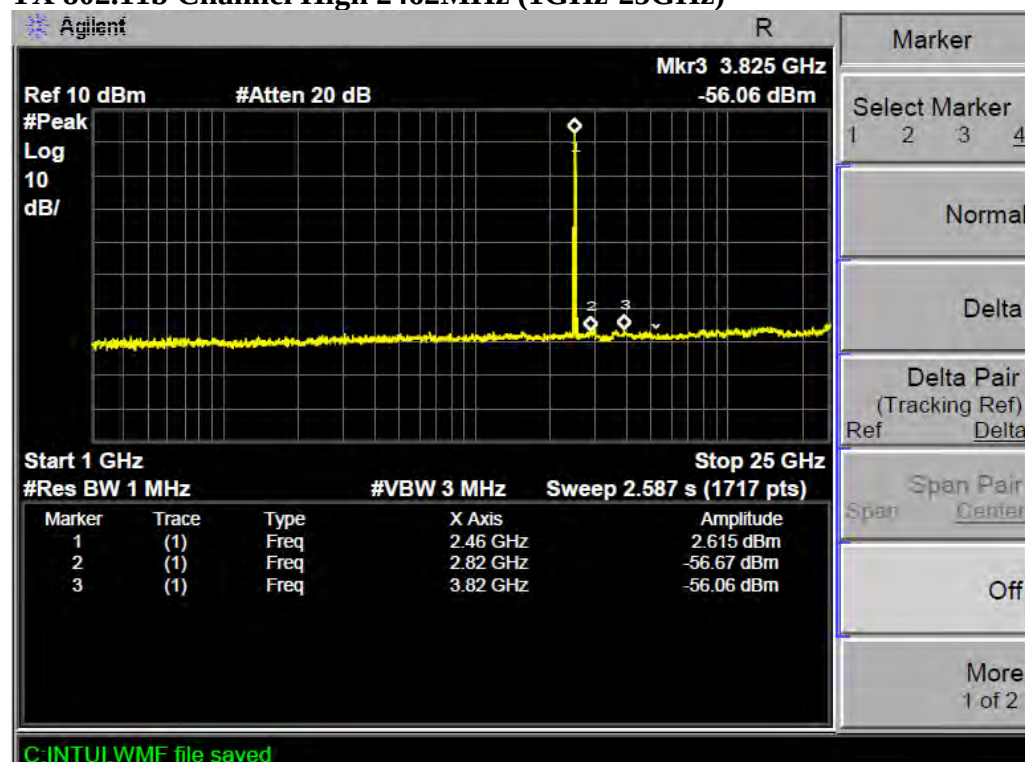
TX 802.11b Channel Middle 2437MHz (1GHz-25GHz)



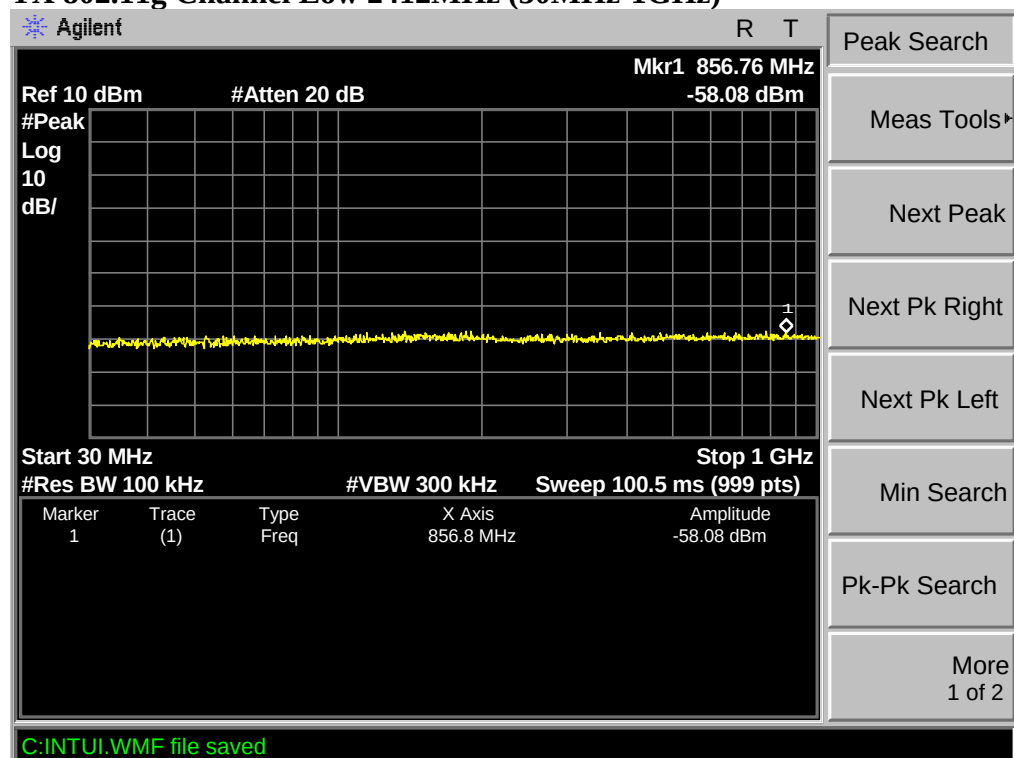
TX 802.11b Channel High 2462MHz (30MHz-1GHz)



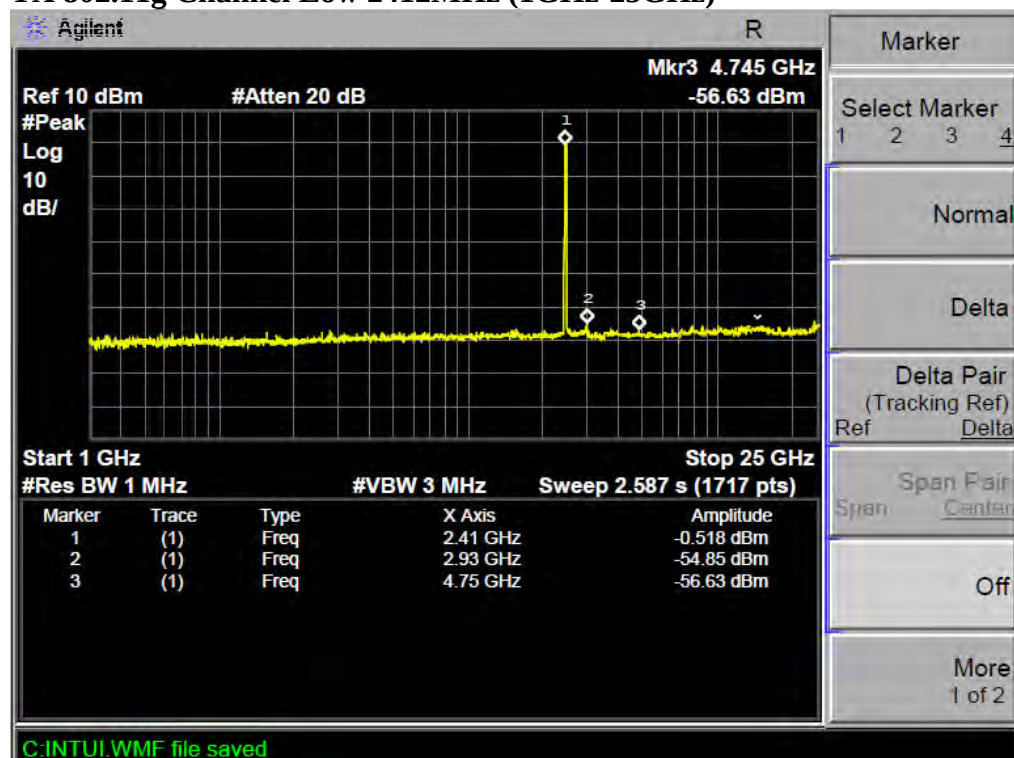
TX 802.11b Channel High 2462MHz (1GHz-25GHz)



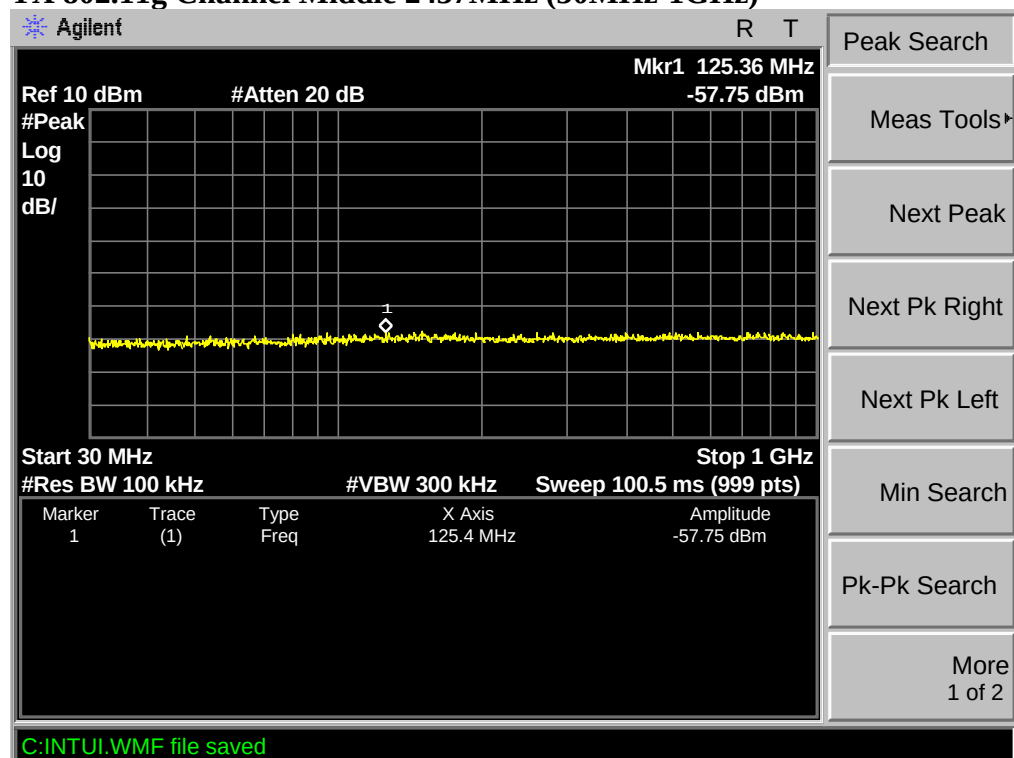
TX 802.11g Channel Low 2412MHz (30MHz-1GHz)



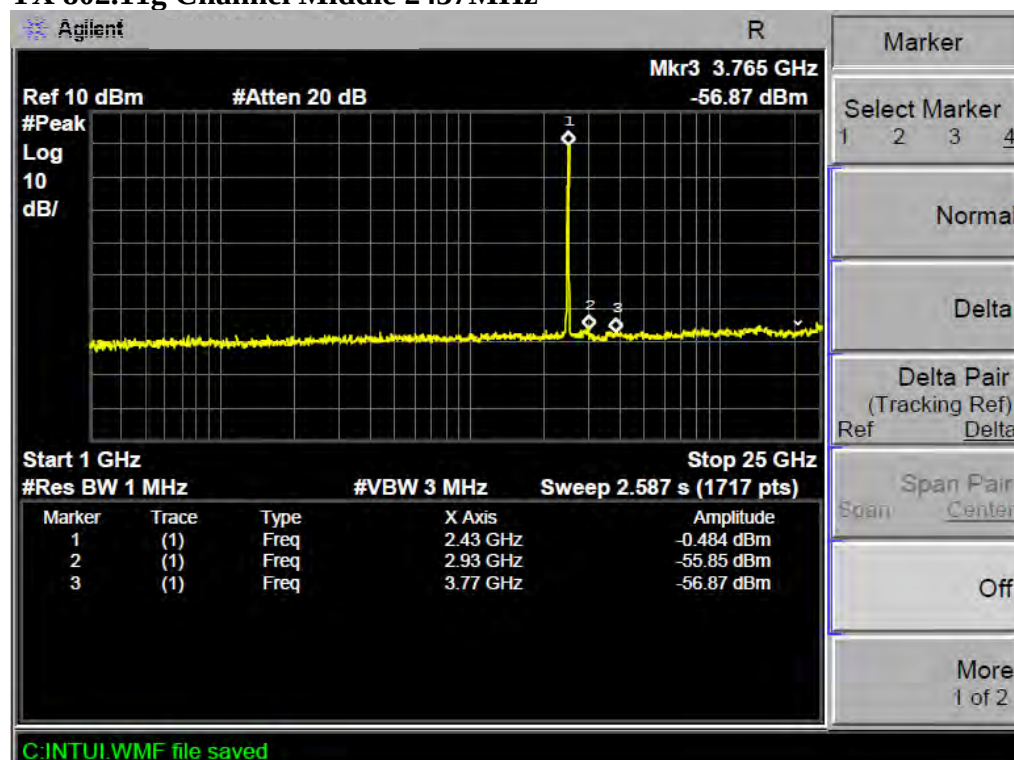
TX 802.11g Channel Low 2412MHz (1GHz-25GHz)



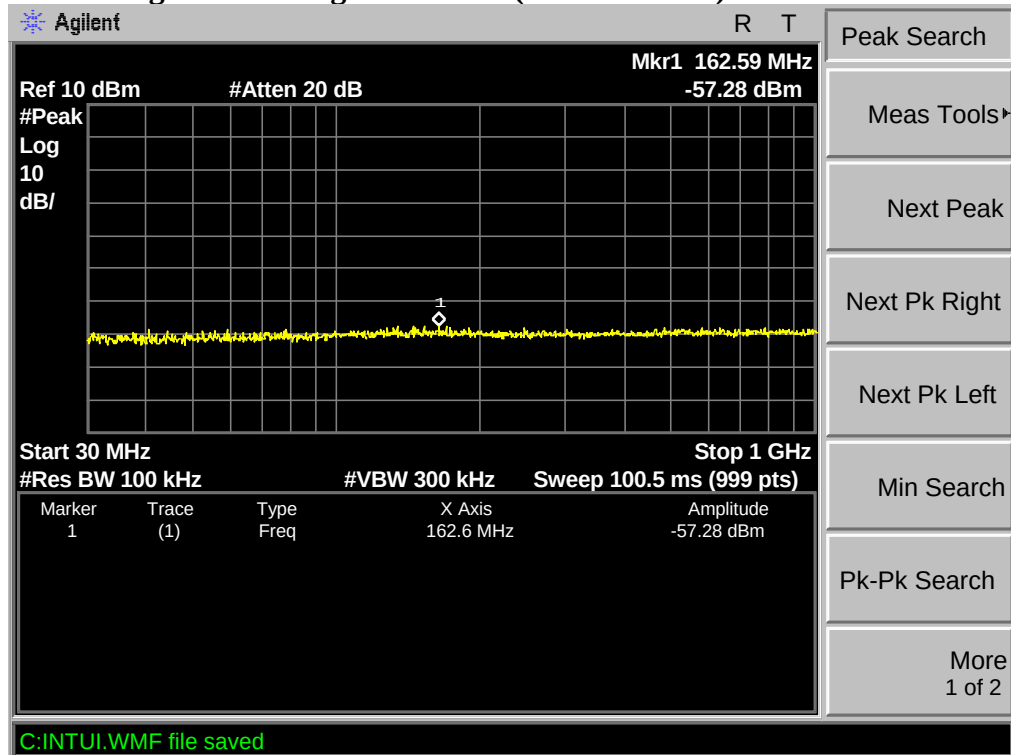
TX 802.11g Channel Middle 2437MHz (30MHz-1GHz)



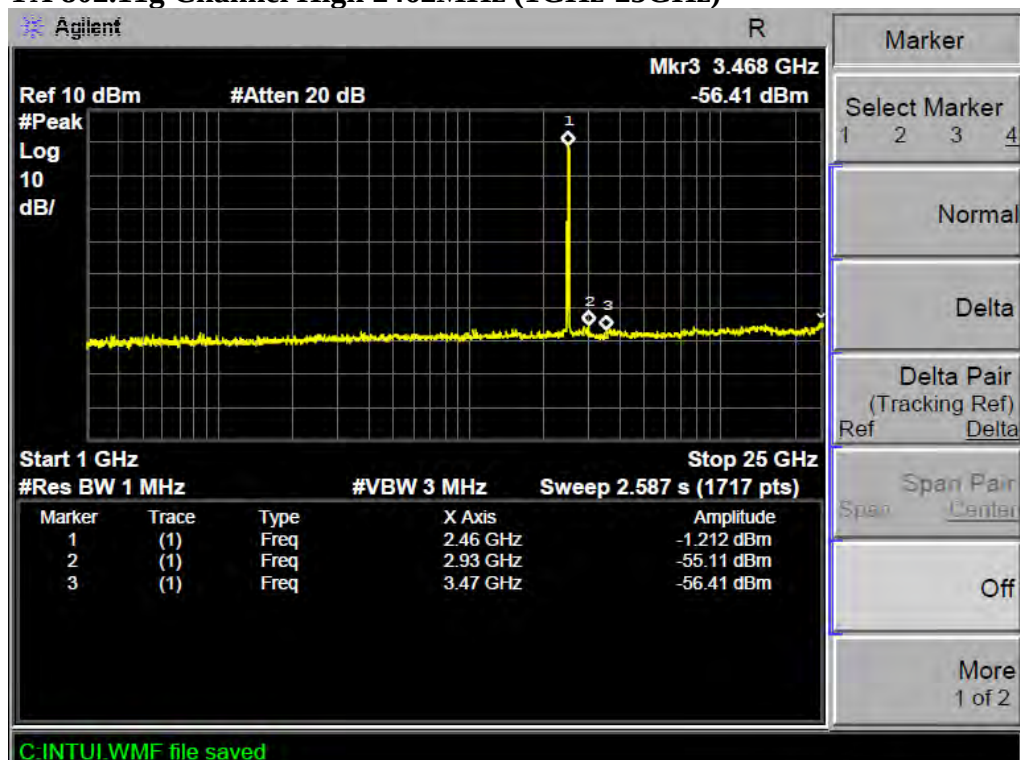
TX 802.11g Channel Middle 2437MHz



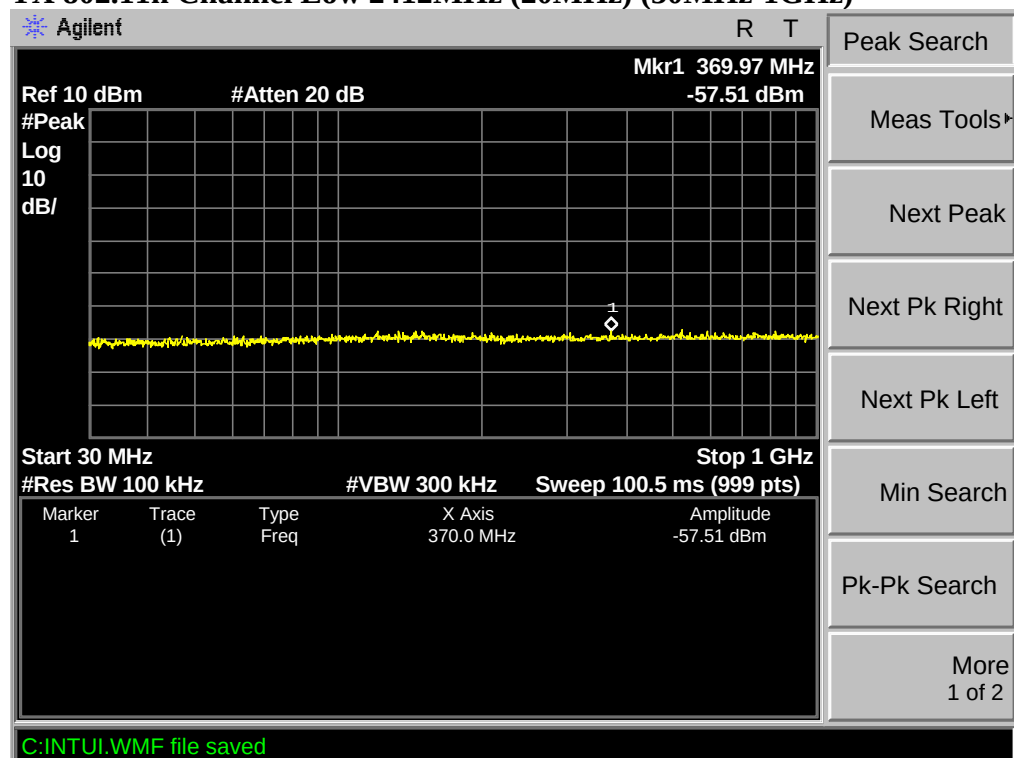
TX 802.11g Channel High 2462MHz (30MHz-1GHz)



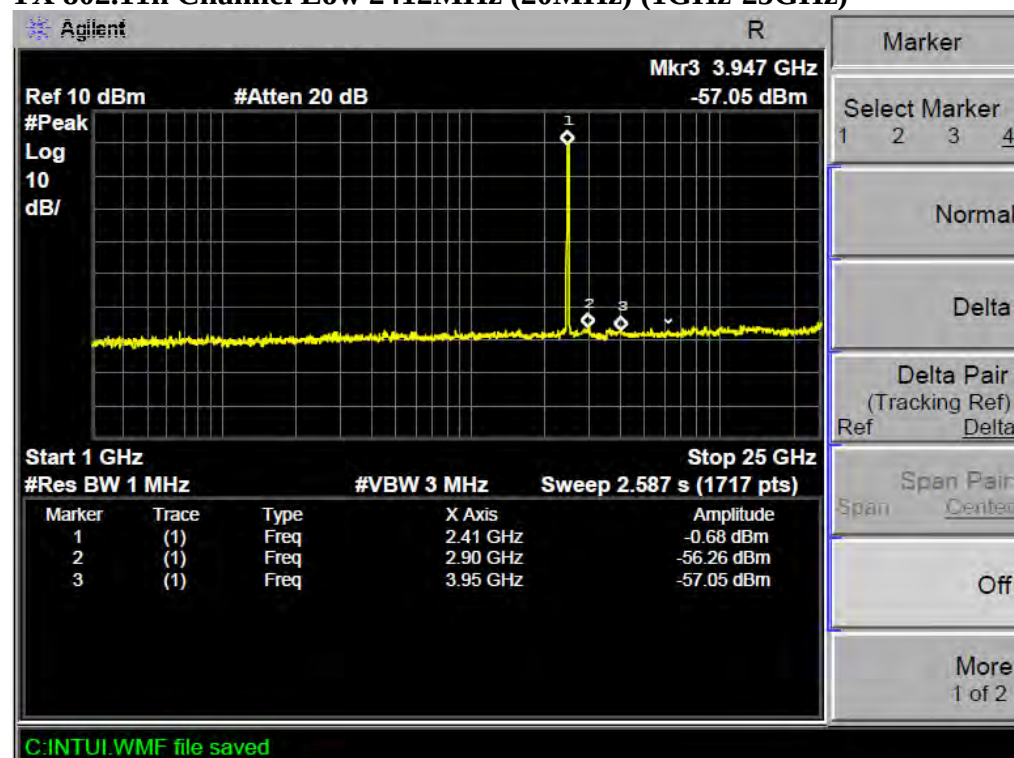
TX 802.11g Channel High 2462MHz (1GHz-25GHz)



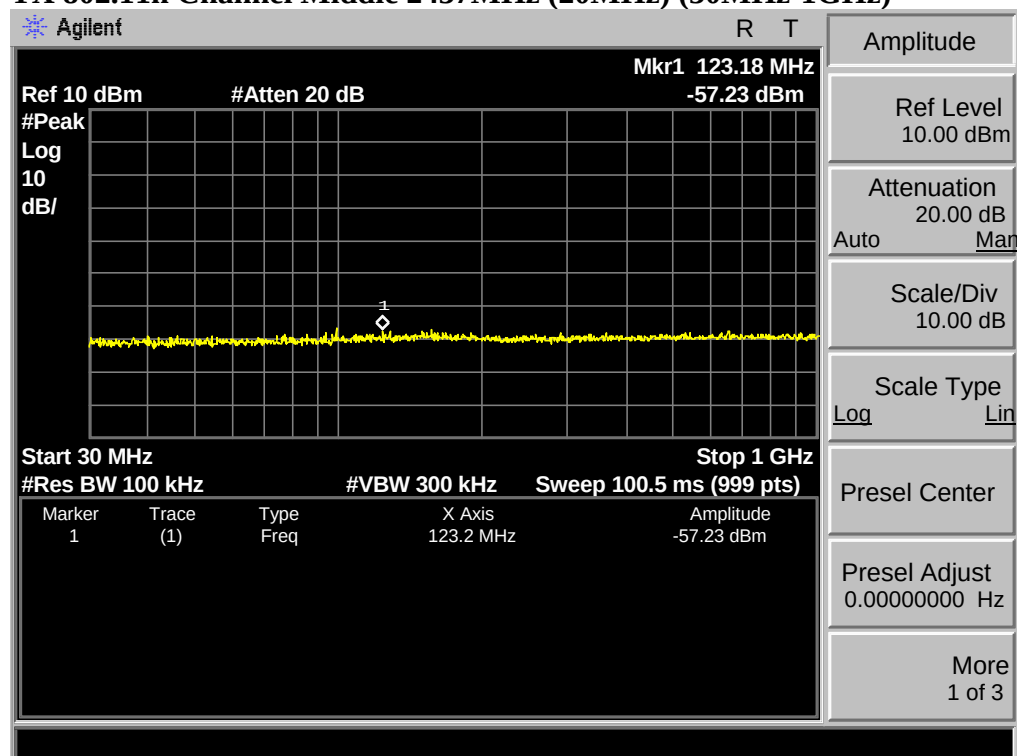
TX 802.11n Channel Low 2412MHz (20MHz) (30MHz-1GHz)



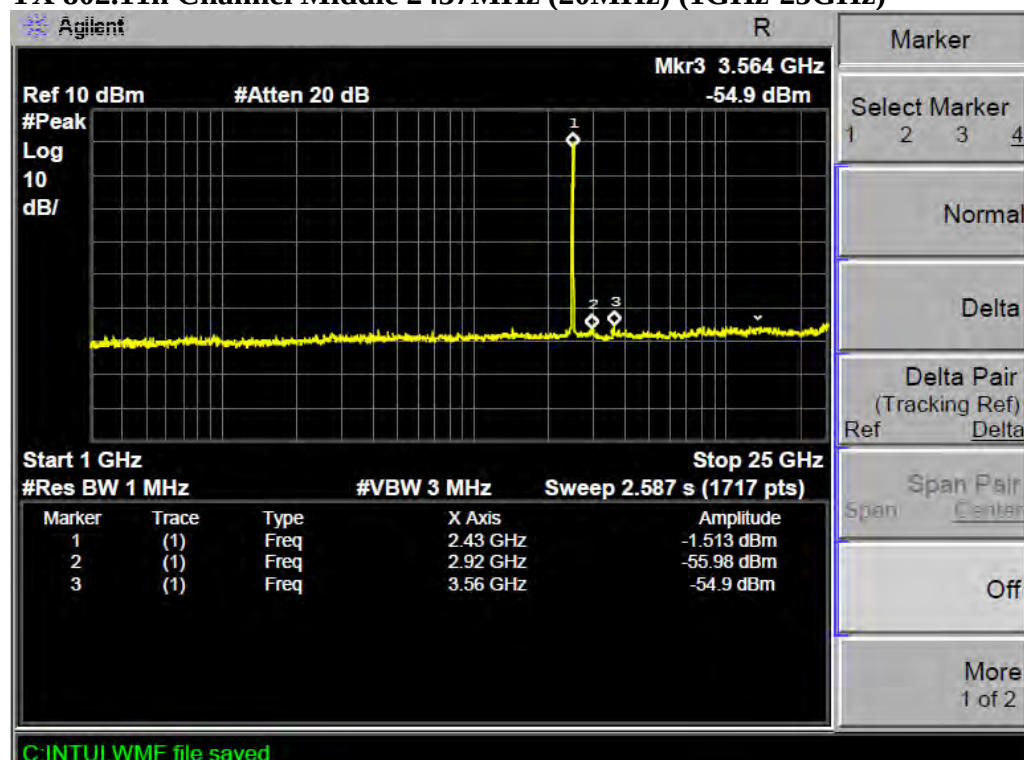
TX 802.11n Channel Low 2412MHz (20MHz) (1GHz-25GHz)



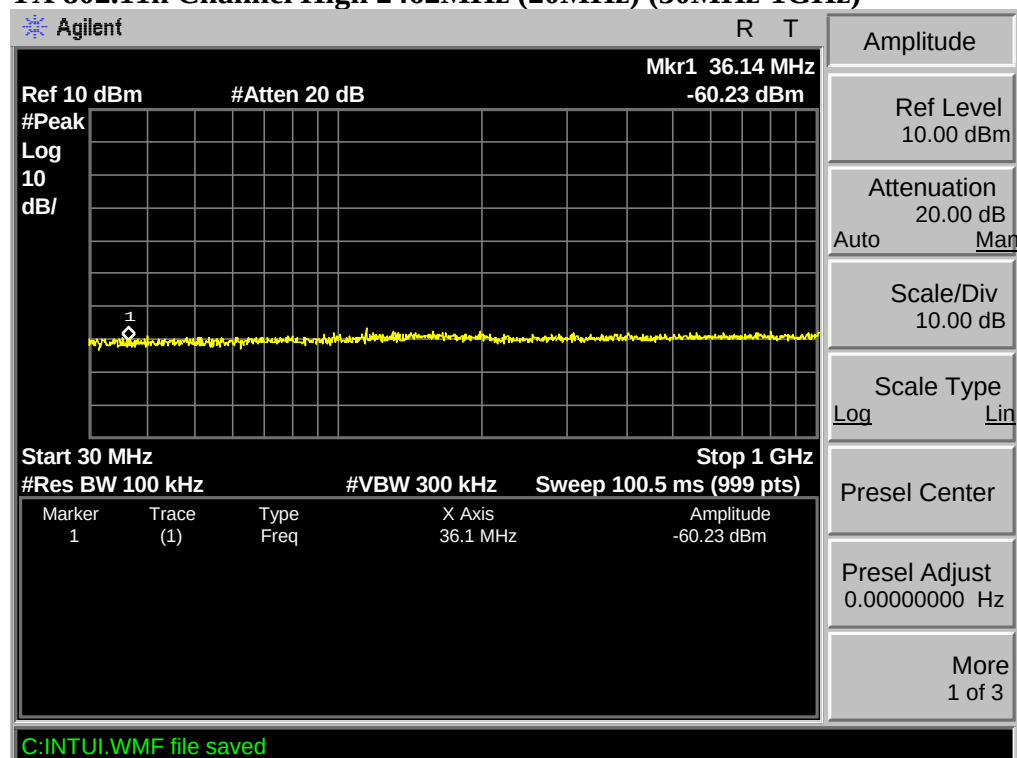
TX 802.11n Channel Middle 2437MHz (20MHz) (30MHz-1GHz)



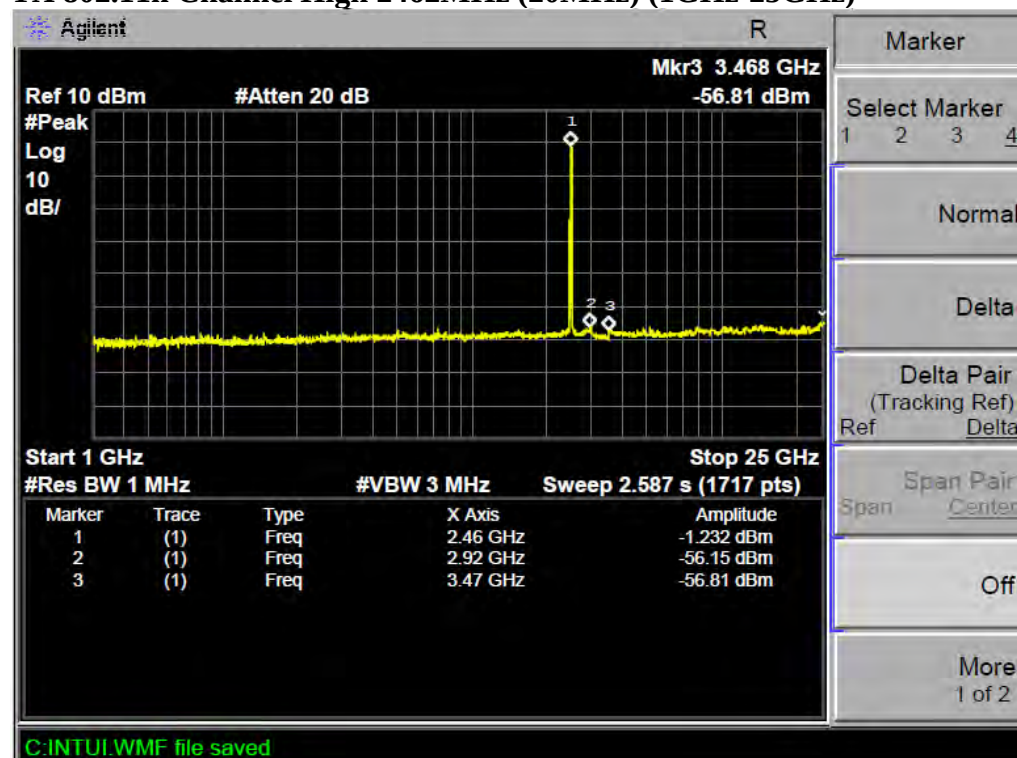
TX 802.11n Channel Middle 2437MHz (20MHz) (1GHz-25GHz)



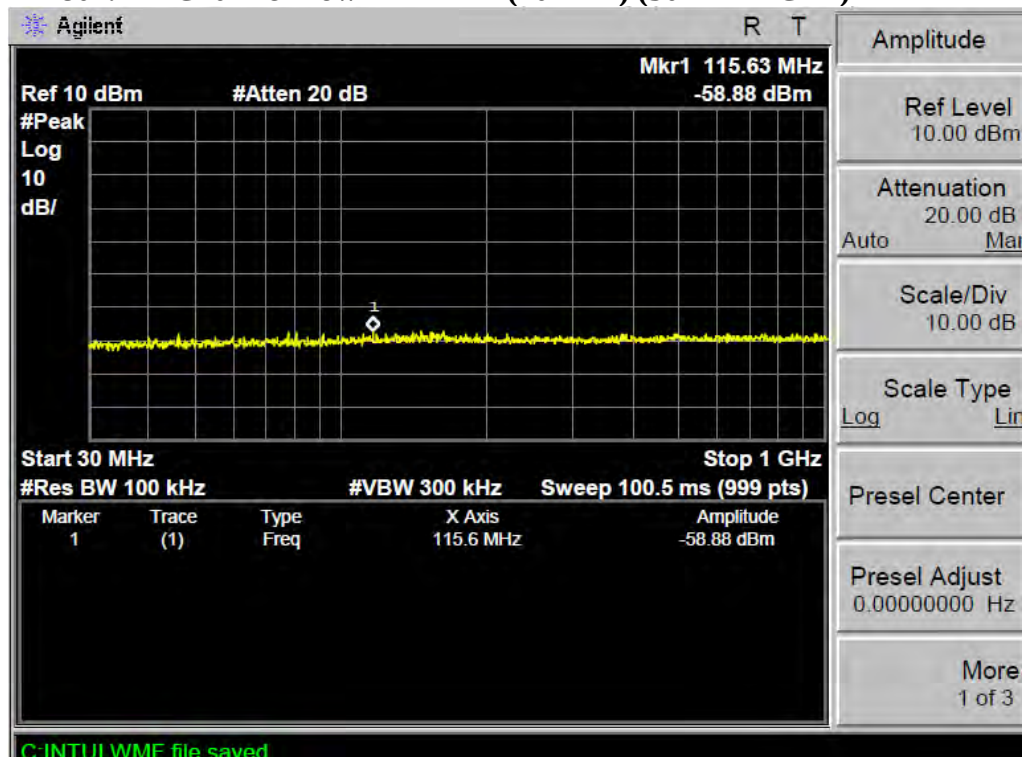
TX 802.11n Channel High 2462MHz (20MHz) (30MHz-1GHz)



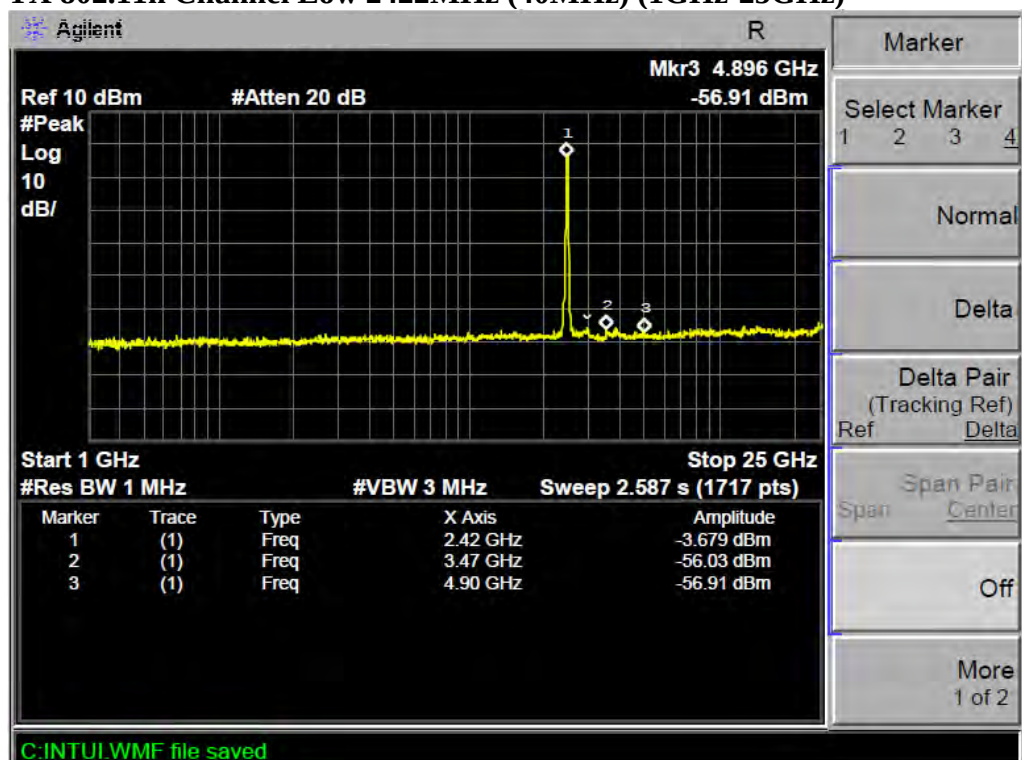
TX 802.11n Channel High 2462MHz (20MHz) (1GHz-25GHz)



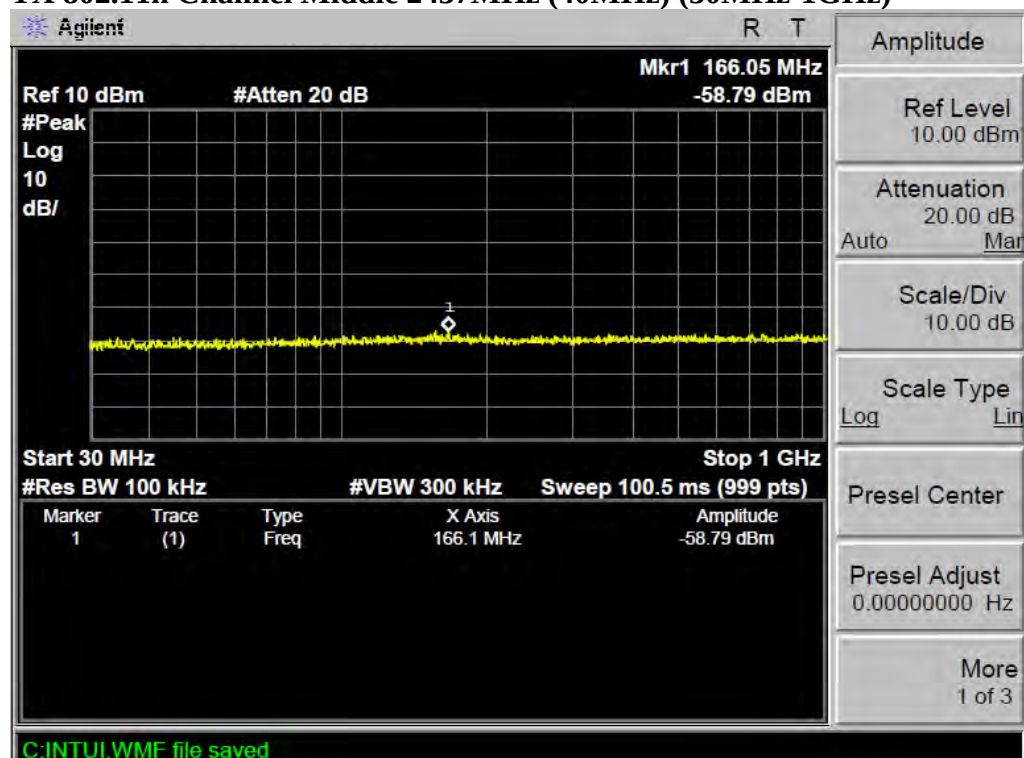
TX 802.11n Channel Low 2422MHz (40MHz) (30MHz-1GHz)



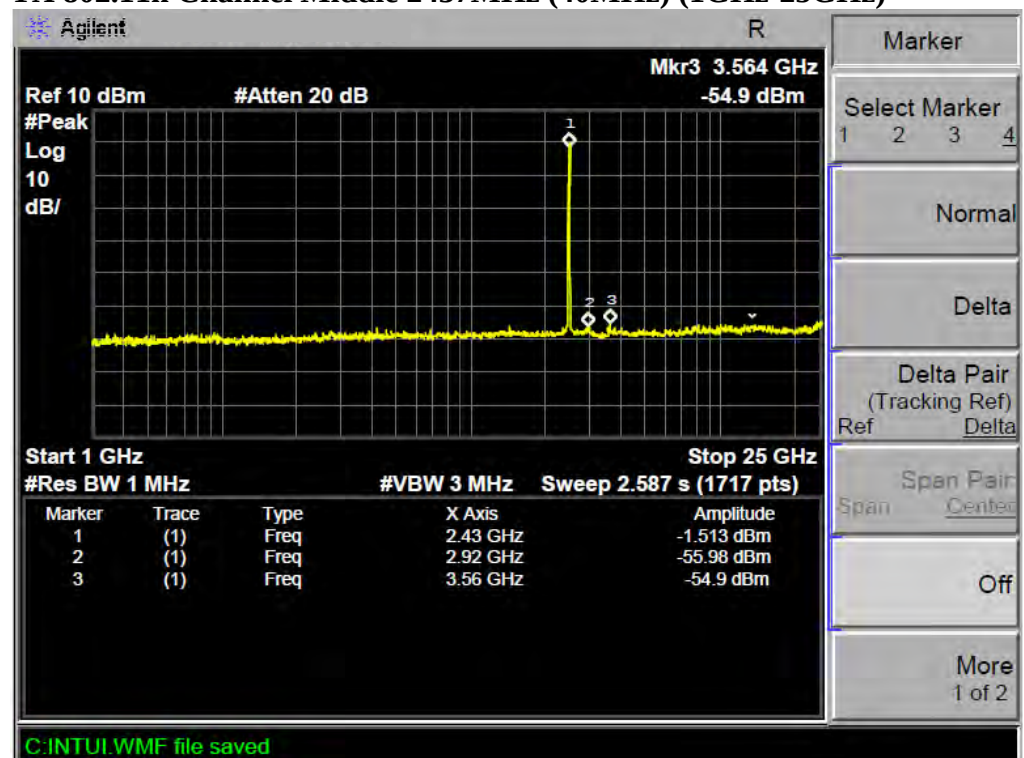
TX 802.11n Channel Low 2422MHz (40MHz) (1GHz-25GHz)



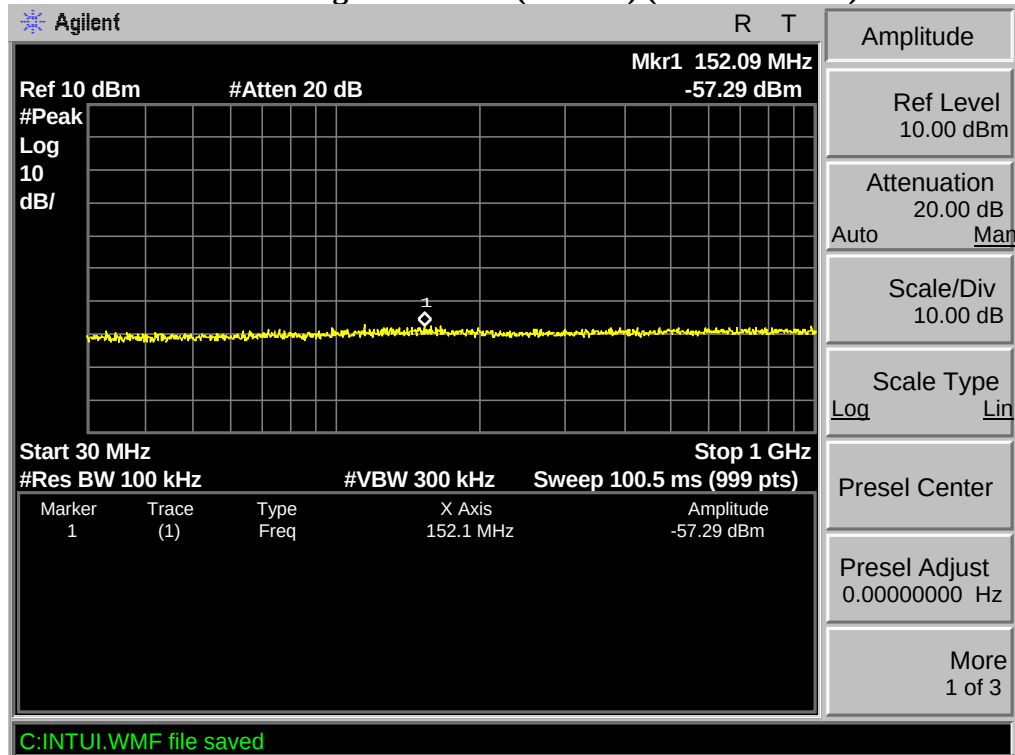
TX 802.11n Channel Middle 2437MHz (40MHz) (30MHz-1GHz)



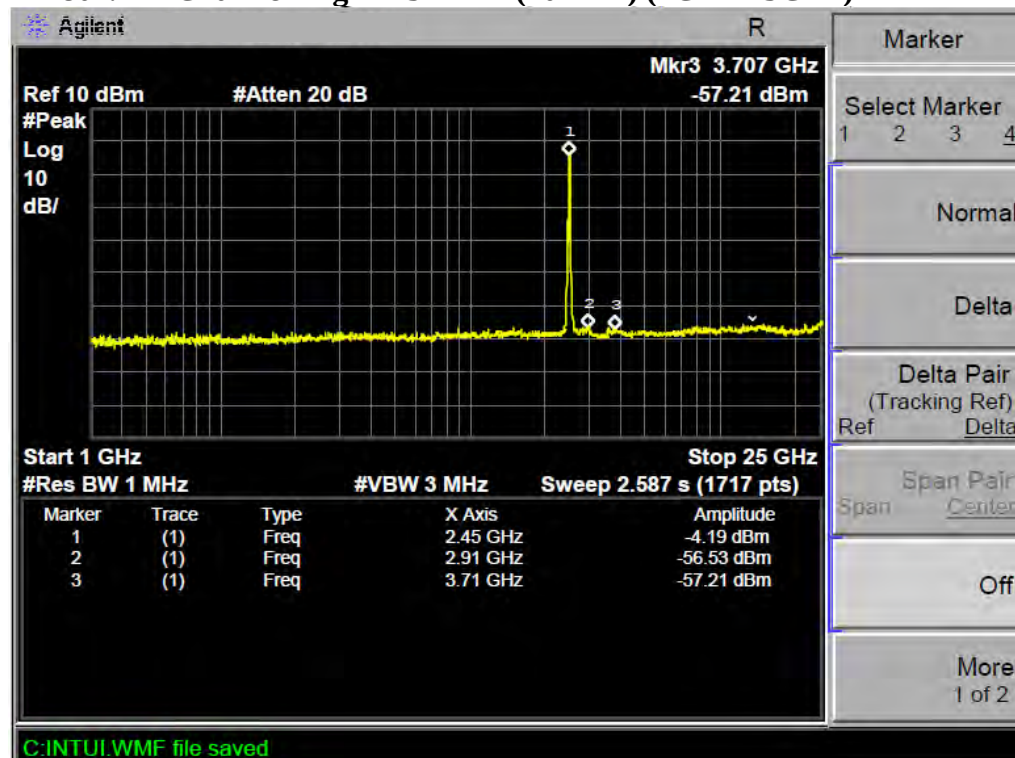
TX 802.11n Channel Middle 2437MHz (40MHz) (1GHz-25GHz)



TX 802.11n Channel High 2452MHz (40MHz) (30MHz-1GHz)



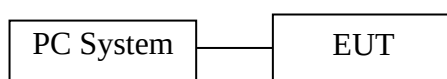
TX 802.11n Channel High 2452MHz (40MHz) (1GHz-25GHz)



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

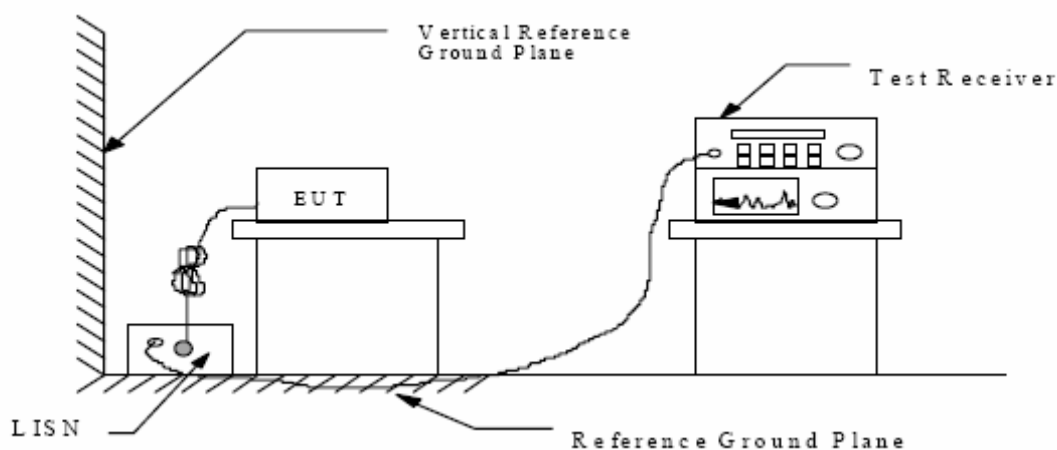
11.1.Block Diagram of Test Setup

11.1.1.Block diagram of connection between the EUT and simulators



(EUT: MID)

11.1.2.Shielding Room Test Setup Diagram



(EUT: MID)

11.2.The Emission Limit

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

Frequency (MHz)	Limit dB(μV)	
	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	:	PC435
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 (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: 2009 on Conducted Emission Measurement.

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

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

11.6. Power Line Conducted Emission Measurement Results

PASS.

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

Date of Test:	October 9, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	PC435	Power Supply:	AC 120V/60Hz
Test Mode:	Charging	Test Engineer:	Pei

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.337314	37.20	59	-21.8	QP	Neutral
0.613892	32.60	56	-23.4	QP	
12.705153	47.30	60	-12.7	QP	
11.683472	42.70	50	-7.3	AV	
12.159314	45.00	50	-5.0	AV	
12.705153	46.90	50	-3.1	AV	
0.338664	37.40	59	-21.6	QP	Live
0.613892	32.40	56	-23.6	QP	
12.503887	39.90	60	-20.1	QP	
11.966695	42.90	50	-7.1	AV	
12.305810	42.40	50	-7.6	AV	
12.503887	32.90	50	-17.1	AV	

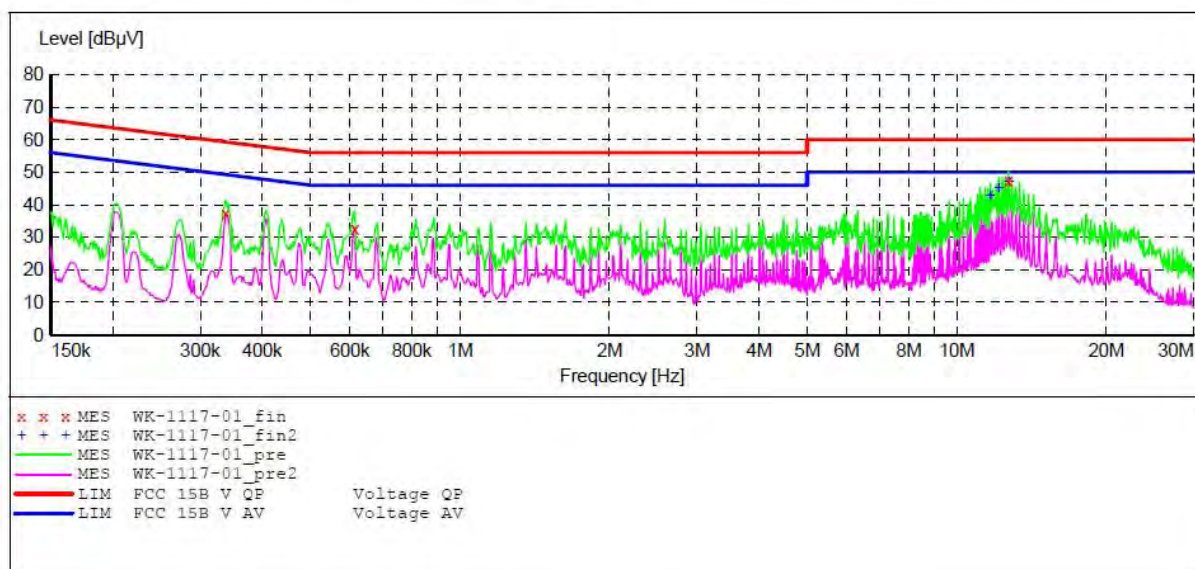
Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

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

EUT: MID M/N:PC435
 Manufacturer: Natural Sound
 Operating Condition: Charging
 Test Site: 1#Shielding Room
 Operator: Bob
 Test Specification: L 120V/60Hz
 Comment: Mains port
 Report No.: ATE20122303

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

Short Description: SUB STD VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average

**MEASUREMENT RESULT: "WK-1117-01_fin"**

10/09/2012 9:49AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.337314	37.20	11.7	59	21.8	QP	L1	GND
0.613892	32.60	11.9	56	23.4	QP	L1	GND
12.705153	47.30	11.2	60	12.7	QP	L1	GND

MEASUREMENT RESULT: "WK-1117-01_fin2"

10/09/2012 9:49AM

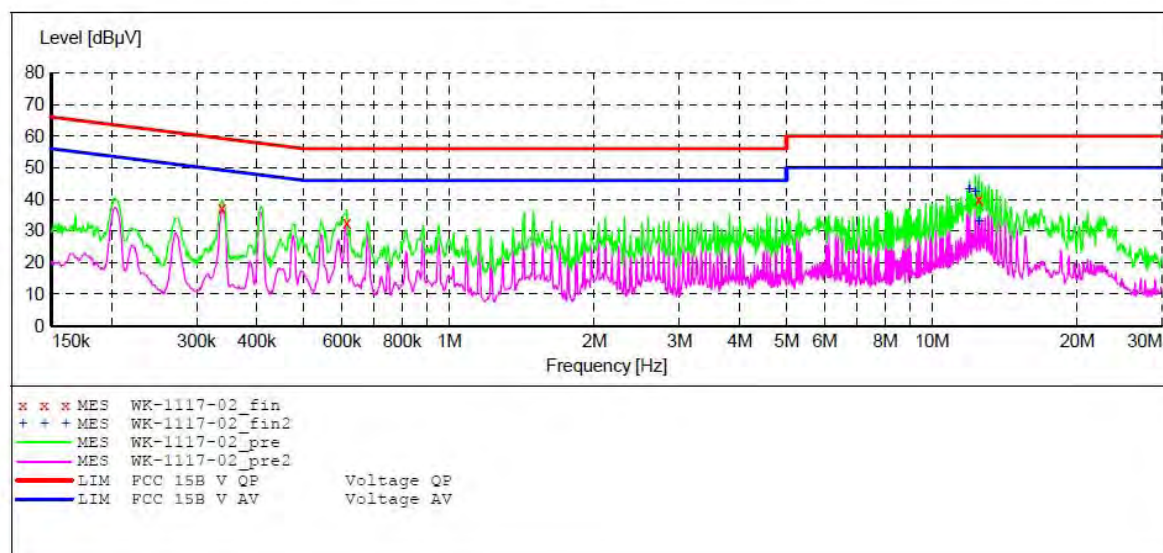
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
11.683472	42.70	11.2	50	7.3	AV	L1	GND
12.159314	45.00	11.2	50	5.0	AV	L1	GND
12.705153	46.90	11.2	50	3.1	AV	L1	GND

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

EUT: MID M/N:PC435
 Manufacturer: Natural Sound
 Operating Condition: Charging
 Test Site: 1#Shielding Room
 Operator: Bob
 Test Specification: N 120V/60Hz
 Comment: Mains port
 Report No.: ATE20122303

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

Short Description: SUB STD VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average

**MEASUREMENT RESULT: "WK-1117-02_fin"**

10/09/2012 9:52AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.338664	37.40	11.7	59	21.6	QP	N	GND
0.613892	32.40	11.9	56	23.6	QP	N	GND
12.503887	39.90	11.2	60	20.1	QP	N	GND

MEASUREMENT RESULT: "WK-1117-02_fin2"

10/09/2012 9:52AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
11.966695	42.90	11.2	50	7.1	AV	N	GND
12.305810	42.40	11.2	50	7.6	AV	N	GND
12.503887	32.90	11.2	50	17.1	AV	N	GND

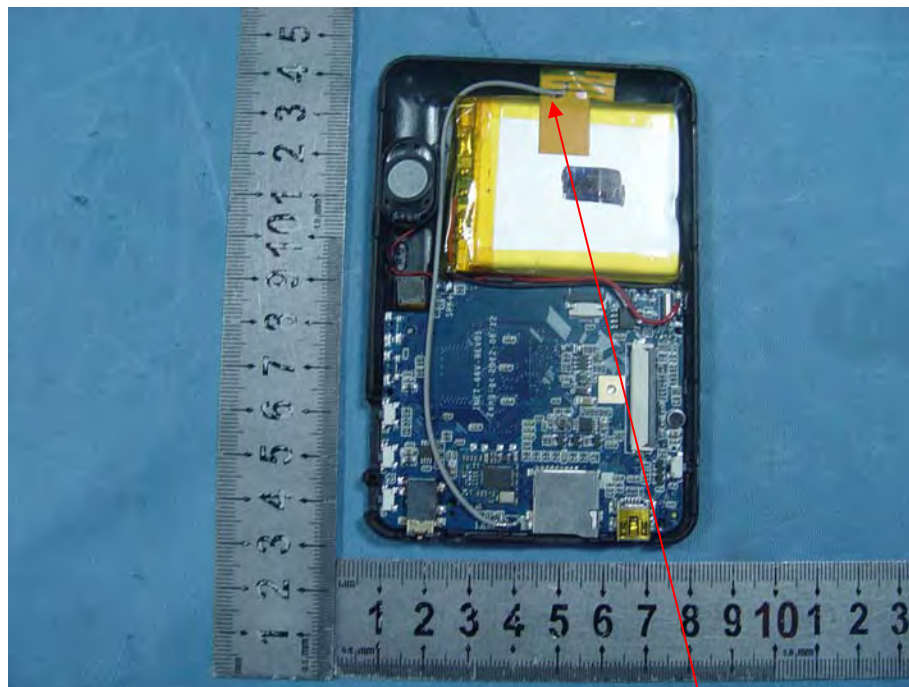
12.ANTENNA REQUIREMENT

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