Measurement Result and limit:

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		Conclusion
		With charger		
		802.11b	Idle	
0.15 to 0.5	66 to 56	Fig.A.7.1	Fig.A.7.2	P
0.5 to 5	56	Fig.A.7.3		
5 to 30	60	Fig.A.7.4		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

WLAN (Average Limit)

Frequency range (MHz)	Average Limit (dBμV)	Result (dBμV)		Conclusion
		With charger		
		802.11b	Idle	
0.15 to 0.5	56 to 46	Fig.A.7.1	Fig.A.7.2	P
0.5 to 5	46	Fig.A.7.3		
5 to 30	50	Fig.A.7.4		
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

Conclusion: Pass

Test graphs as below:

CBA0060AGHC1

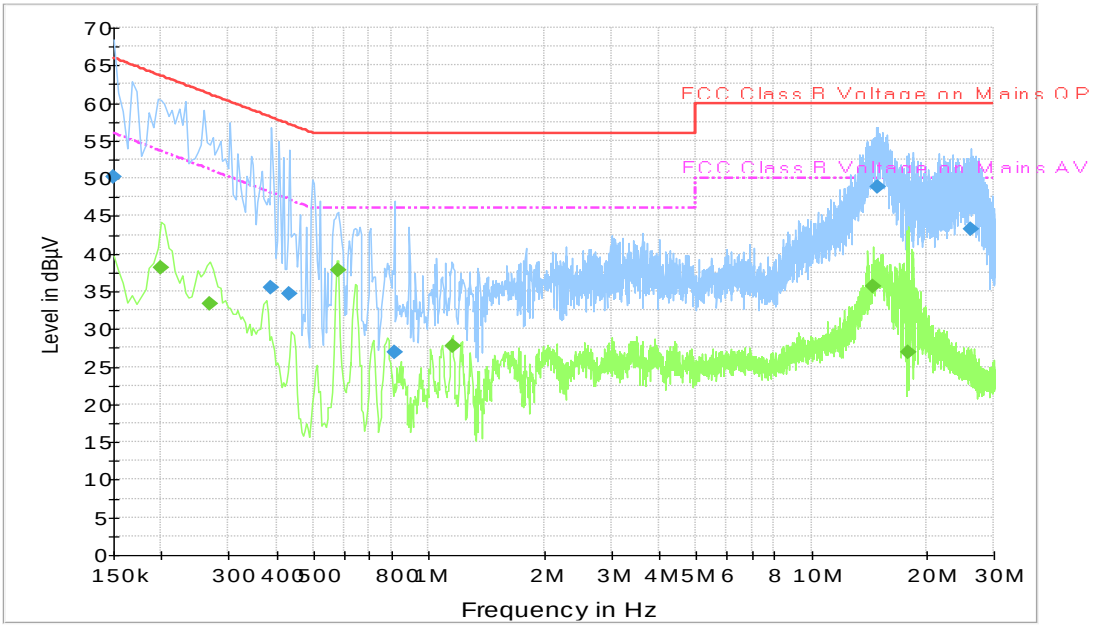


Fig.A.7.1 AC Powerline Conducted Emission-802.11b

Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	50.2	2000.0	9.000	On	N	20.2	15.8	66.0
0.388500	35.5	2000.0	9.000	On	N	19.9	22.6	58.1
0.433500	34.6	2000.0	9.000	On	N	19.9	22.6	57.2
0.811500	26.9	2000.0	9.000	On	N	19.8	29.1	56.0
14.851500	48.8	2000.0	9.000	On	N	19.8	11.2	60.0
26.092500	43.3	2000.0	9.000	On	L1	20.1	16.7	60.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.199500	38.1	2000.0	9.000	On	L1	19.8	15.6	53.6
0.267000	33.4	2000.0	9.000	On	L1	19.8	17.8	51.2
0.577500	37.8	2000.0	9.000	On	L1	19.9	8.2	46.0
1.153500	27.7	2000.0	9.000	On	N	19.7	18.3	46.0
14.473500	35.7	2000.0	9.000	On	L1	19.8	14.3	50.0
17.898000	26.9	2000.0	9.000	On	L1	19.9	23.1	50.0

CBA0060AGHC1

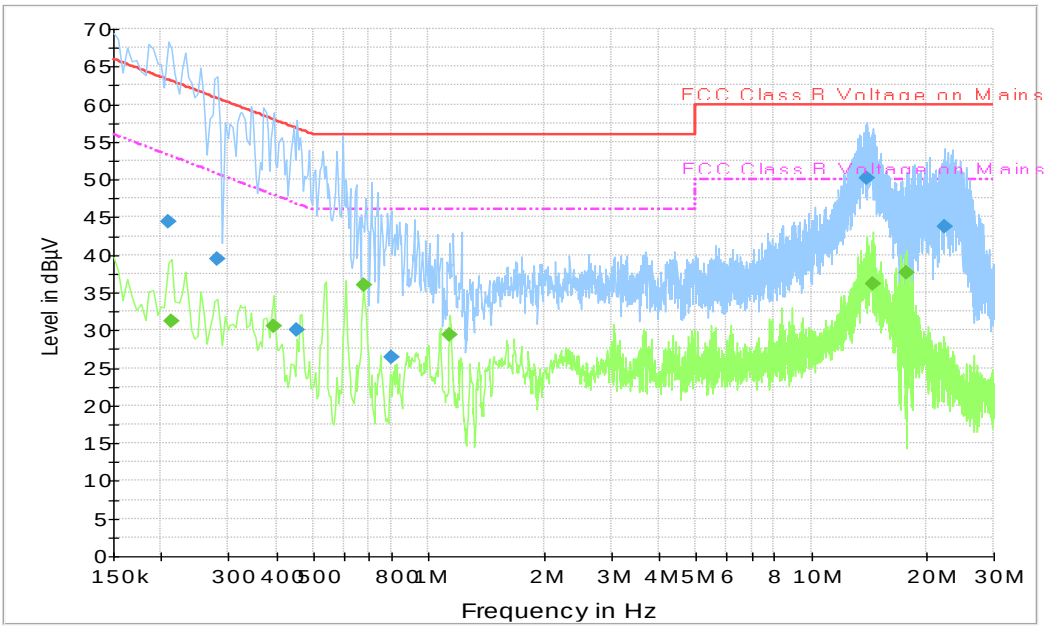


Fig.A.7.2 AC Powerline Conducted Emission-Idle

Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.208500	44.4	2000.0	9.000	On	L1	19.8	18.8	63.3
0.280500	39.5	2000.0	9.000	On	L1	19.8	21.3	60.8
0.451500	30.1	2000.0	9.000	On	L1	19.9	26.8	56.8
0.798000	26.4	2000.0	9.000	On	L1	19.8	29.6	56.0
13.947000	50.2	2000.0	9.000	On	N	19.8	9.8	60.0
22.420500	43.7	2000.0	9.000	On	N	20.0	16.3	60.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.213000	31.2	2000.0	9.000	On	L1	19.8	21.9	53.1
0.393000	30.5	2000.0	9.000	On	L1	19.9	17.5	48.0
0.676500	36.0	2000.0	9.000	On	L1	19.8	10.0	46.0
1.140000	29.3	2000.0	9.000	On	L1	19.7	16.7	46.0
14.536500	36.1	2000.0	9.000	On	N	19.8	13.9	50.0
17.727000	37.7	2000.0	9.000	On	N	19.9	12.3	50.0

CBA0060ACHC1

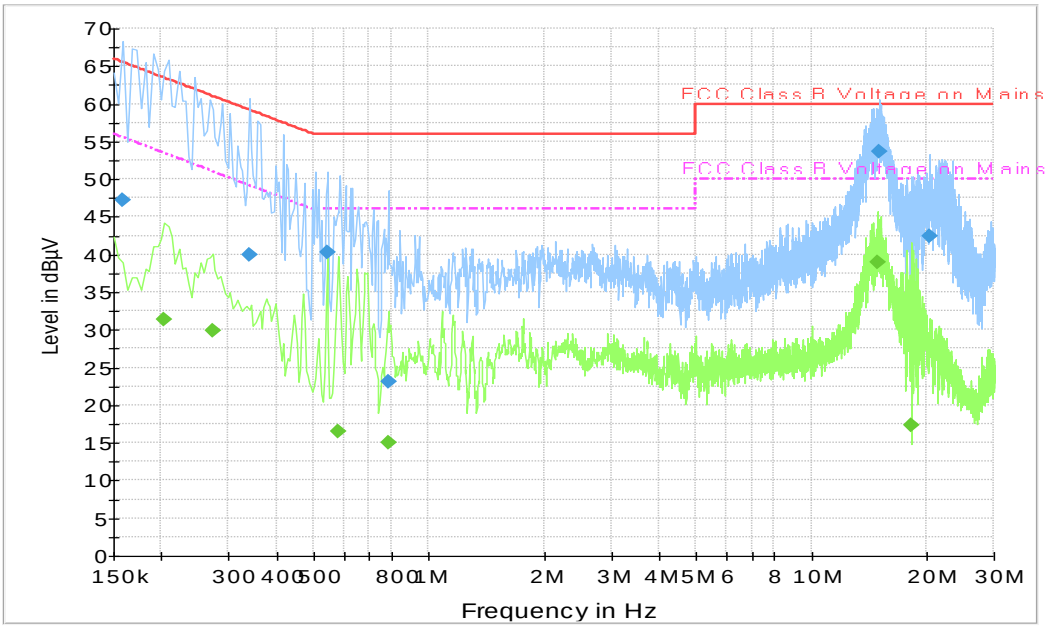


Fig.A.7.3 AC Powerline Conducted Emission-802.11b

Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.159000	47.2	2000.0	9.000	On	L1	19.9	18.3	65.5
0.339000	39.9	2000.0	9.000	On	L1	19.9	19.3	59.2
0.546000	40.3	2000.0	9.000	On	L1	19.9	15.7	56.0
0.784500	23.2	2000.0	9.000	On	L1	19.8	32.8	56.0
15.009000	53.6	2000.0	9.000	On	L1	19.8	6.4	60.0
20.368500	42.4	2000.0	9.000	On	N	19.9	17.6	60.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.204000	31.4	2000.0	9.000	On	L1	19.8	22.0	53.4
0.271500	29.9	2000.0	9.000	On	L1	19.8	21.2	51.1
0.577500	16.6	2000.0	9.000	On	L1	19.9	29.4	46.0
0.784500	15.0	2000.0	9.000	On	L1	19.8	31.0	46.0
14.919000	38.9	2000.0	9.000	On	L1	19.8	11.1	50.0
18.303000	17.3	2000.0	9.000	On	L1	19.9	32.7	50.0

CBA0060AJHC1

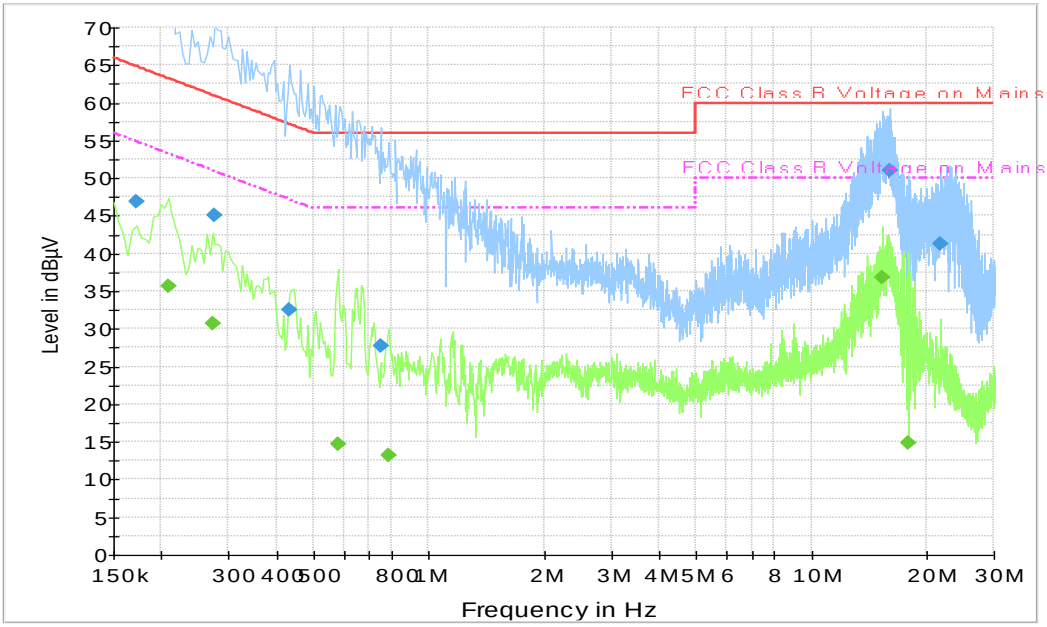


Fig.A.7.4 AC Powerline Conducted Emission-802.11b

Note: The graphic result above is the maximum of the measurements for both phase line and neutral line.

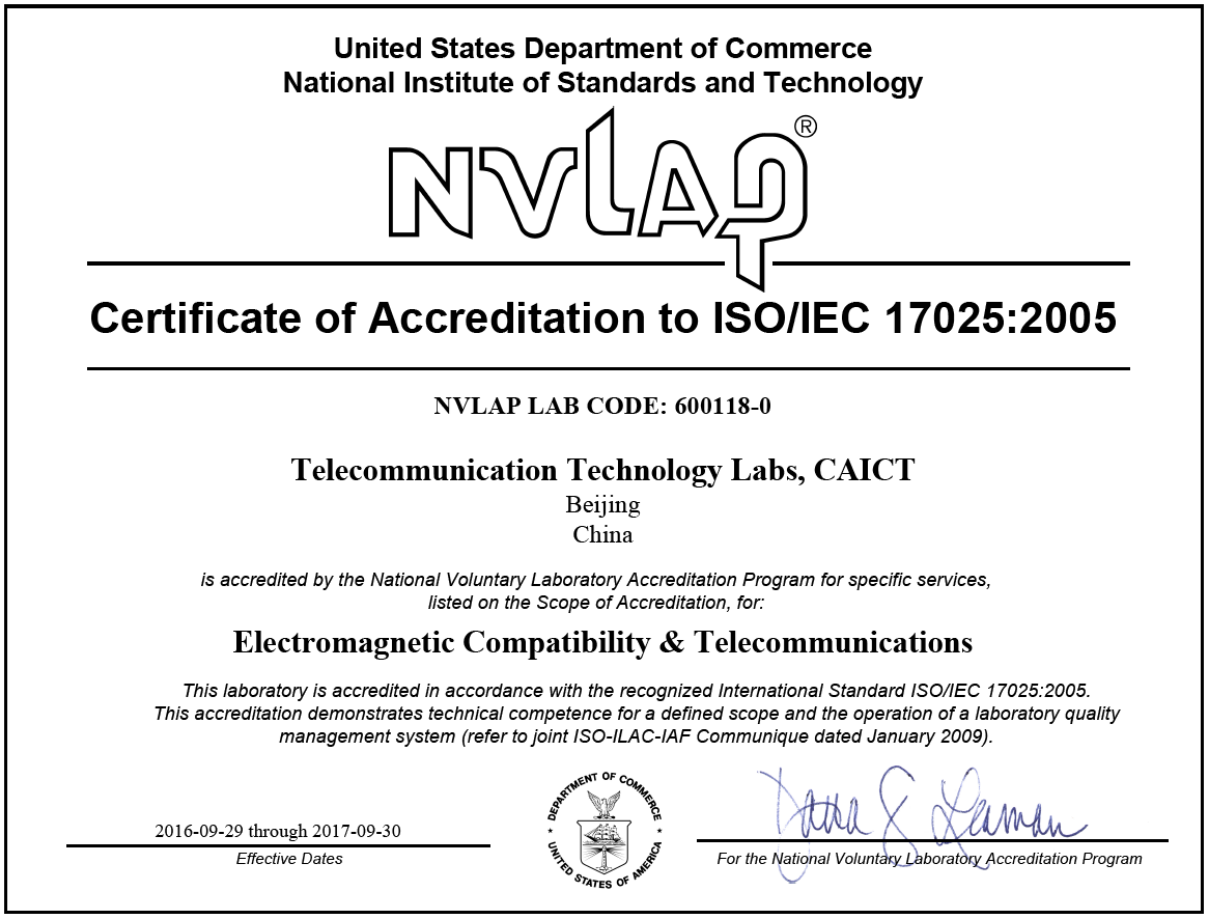
Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.172500	47.0	2000.0	9.000	On	L1	19.9	17.9	64.8
0.276000	45.1	2000.0	9.000	On	L1	19.8	15.8	60.9
0.433500	32.6	2000.0	9.000	On	L1	19.9	24.6	57.2
0.748500	27.8	2000.0	9.000	On	L1	19.8	28.2	56.0
15.985500	51.0	2000.0	9.000	On	N	19.8	9.0	60.0
21.817500	41.2	2000.0	9.000	On	L1	20.0	18.8	60.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.208500	35.7	2000.0	9.000	On	L1	19.8	17.6	53.3
0.271500	30.7	2000.0	9.000	On	L1	19.8	20.3	51.1
0.577500	14.6	2000.0	9.000	On	L1	19.9	31.4	46.0
0.789000	13.2	2000.0	9.000	On	L1	19.8	32.8	46.0
15.297000	36.8	2000.0	9.000	On	N	19.8	13.2	50.0
17.929500	14.9	2000.0	9.000	On	L1	19.9	35.1	50.0

ANNEX B: Accreditation Certificate



United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 600118-0

Telecommunication Technology Labs, CAICT
Beijing
China

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Electromagnetic Compatibility & Telecommunications

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2016-09-29 through 2017-09-30
Effective Dates

DEPARTMENT OF COMMERCE · UNITED STATES OF AMERICA

For the National Voluntary Laboratory Accreditation Program

*****END OF REPORT*****