

Fig.B.10.1 AC Powerline Conducted Emission- bluetooth

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)	Comment
0.194000	41.3	2000.0	9.000	On	L1	19.8	22.6	63.9	
0.414000	36.4	2000.0	9.000	On	L1	20.0	21.2	57.6	
0.502000	35.9	2000.0	9.000	On	L1	20.0	20.1	56.0	
0.910000	32.8	2000.0	9.000	On	L1	19.9	23.2	56.0	
1.606000	34.2	2000.0	9.000	On	N	19.7	21.8	56.0	
2.502000	33.2	2000.0	9.000	On	L1	19.8	22.8	56.0	

Final Result 2

Frequency (MHz)	CAverage (dBµV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)	Comment
0.210000	30.0	2000.0	9.000	On	N	19.8	23.2	53.2	
0.306000	27.7	2000.0	9.000	On	L1	19.9	22.4	50.1	
0.502000	24.7	2000.0	9.000	On	L1	20.0	21.3	46.0	
1.134000	26.1	2000.0	9.000	On	L1	19.9	19.9	46.0	
1.730000	26.8	2000.0	9.000	On	N	19.6	19.2	46.0	
11.350000	29.6	2000.0	9.000	On	N	19.7	20.4	50.0	

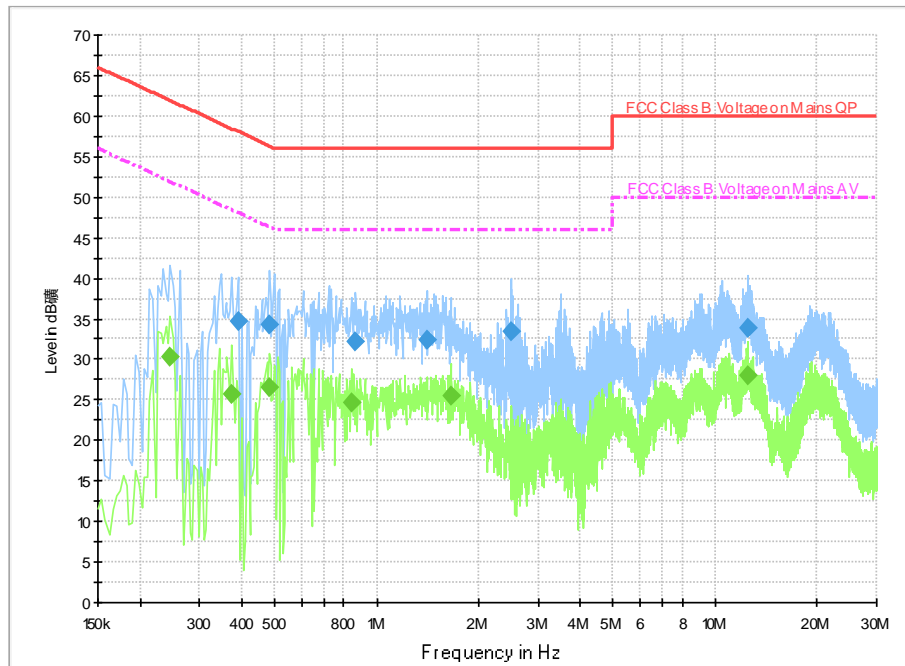


Fig.B.10.2 AC Powerline Conducted Emission-Idle

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)	Comment
0.390000	34.7	2000.0	9.000	On	L1	19.9	23.3	58.1	
0.482000	34.3	2000.0	9.000	On	N	19.9	22.0	56.3	
0.866000	32.1	2000.0	9.000	On	L1	19.9	23.9	56.0	
1.414000	32.3	2000.0	9.000	On	L1	19.9	23.7	56.0	
2.498000	33.4	2000.0	9.000	On	N	19.6	22.6	56.0	
12.538000	33.9	2000.0	9.000	On	N	19.7	26.1	60.0	

Final Result 2

Frequency (MHz)	CAverage (dBμV)	Meas. Time	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)	Comment
0.246000	30.2	2000.0	9.000	On	N	19.8	21.7	51.9	
0.374000	25.7	2000.0	9.000	On	L1	19.9	22.7	48.4	
0.482000	26.5	2000.0	9.000	On	N	19.9	19.8	46.3	
0.842000	24.6	2000.0	9.000	On	N	19.8	21.4	46.0	
1.654000	25.5	2000.0	9.000	On	N	19.7	20.5	46.0	
12.482000	28.0	2000.0	9.000	On	N	19.7	22.0	50.0	



B.11. Antenna Requirement

The antenna of the device is permanently attached. There are no provisions for connection to an external antenna.

The unit complies with the requirement of FCC Part 15.203.

ANNEX C: Accreditation Certificate



Accredited Laboratory

A2LA has accredited

TELECOMMUNICATION TECHNOLOGY LABS, CAICT

Beijing, People's Republic of China

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 26th day of June 2023.



Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 7049.01
Valid to July 31, 2024

For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.

END OF REPORT