

T'uvento

Characters:

- ◆ Start in Breeze Wind, Quiet
- ◆ Aluminum Die-Casting body, Durable
- ◆ PHELPS DODGE Copper Wire, NdFeB PMG
- ◆ Carbon Fiber Blades, Aerodynamic Design
- ◆ Maintenance free, only two Moving parts

Technical Data sheet:

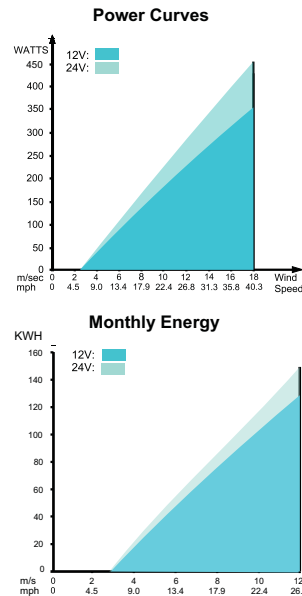
Model	S-700
Max Output Power	400W
Rated Output Voltage	DC12V / 24V
Rated Output Power	200W / 300W
Rotor Diameter (m)	1.1m
Swept Area	0.95 sq.m.
Number of blades	3
Blade material	CFRP
Rated rotate speed	1100 rpm
Cut in wind speed	3m/s
Rated wind speed	12m/s
Survival wind speed	60m/s
Generator Type	3 Phase PMG
Protection	Electromagnetic brake
Working Temp.range	from -40°C to 60°C
Net Weight	6.7Kg
Controller Type	MPPT
Warranty	3 years
Certificate	ISO9001:2008, CE, RoHs

Smart Charge MPPT controller:



Controller Type:

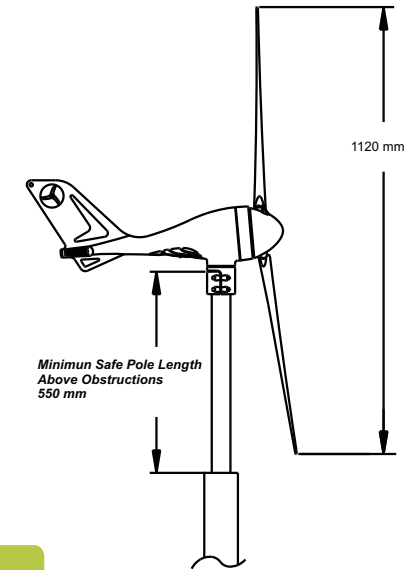
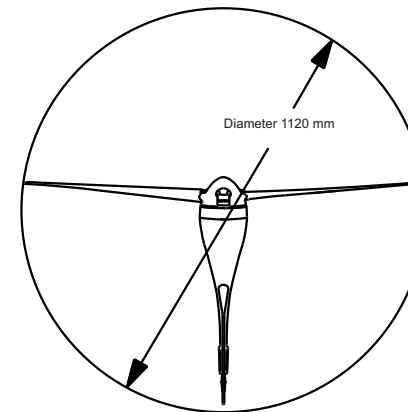
- Internal Version
- External Version



T'uvento

Wind Speed	3m/s	5m/s	7m/s	10m/s	12m/s	15m/s	18m/s	20m/s	
12V	Charge Current	0.8A	5A	7A	12A	17A	23A	25A	Brake
	Output Power	10W	62W	88W	151W	218W	304W	337W	
24V	Charge Current	0.4A	3A	4A	7.5A	10A	14A	16A	Brake
	Output Power	10W	75W	100W	191W	262W	371W	432W	

Wind turbine Charts:



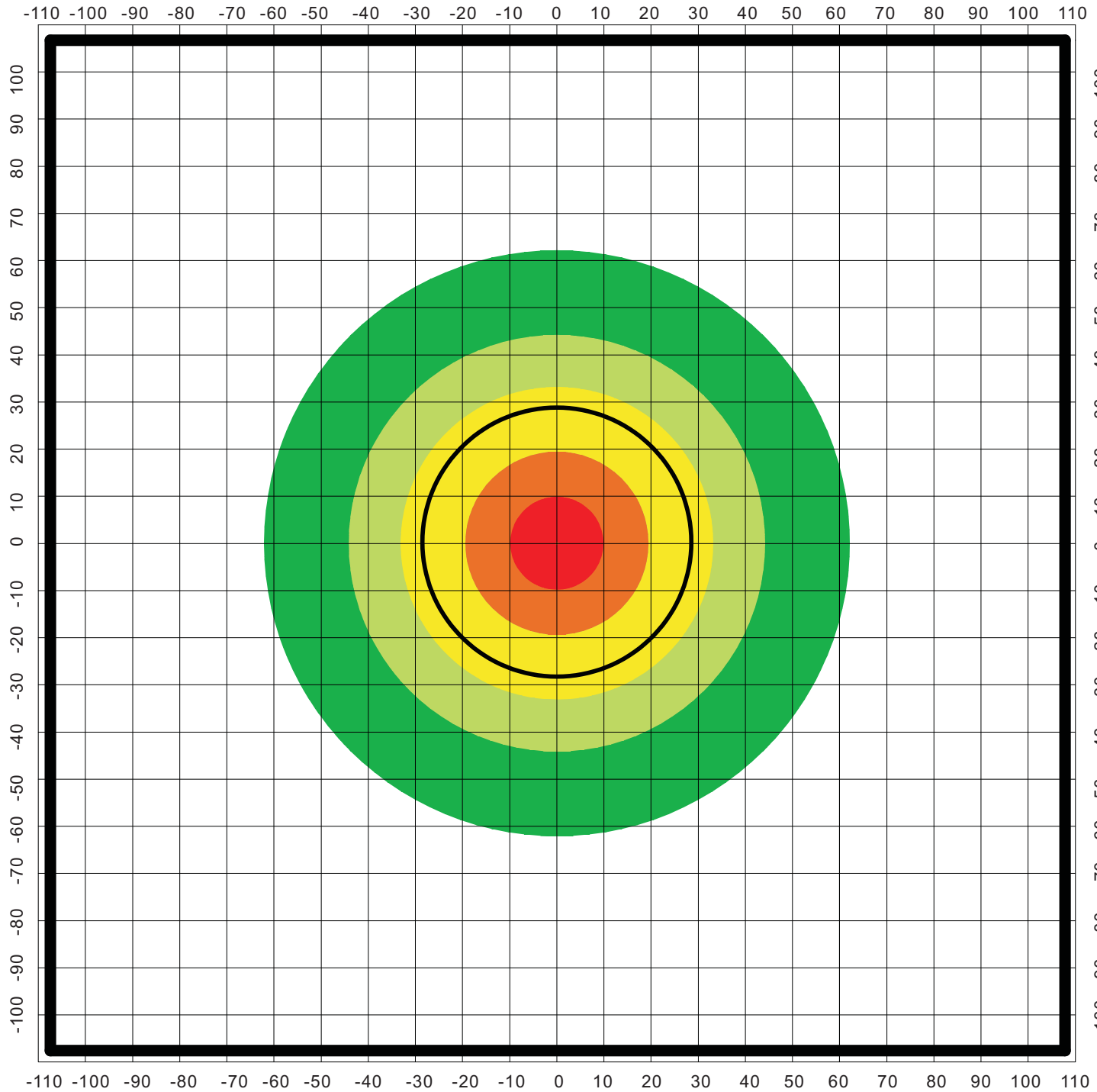
Wind turbine Shipping Info:

Package Carton Size: 70*40*22cm

Net Weight: 6.7kgs Gross Weight:9.5kgs

Applications:

- ※ Home and Remote Cabin
- ※ Marine Boat & Yachts
- ※ Telecommunication Tower
- ※ Monitoring station
- ※ Solar & Wind Hybrid System
- ※ Water Pumping



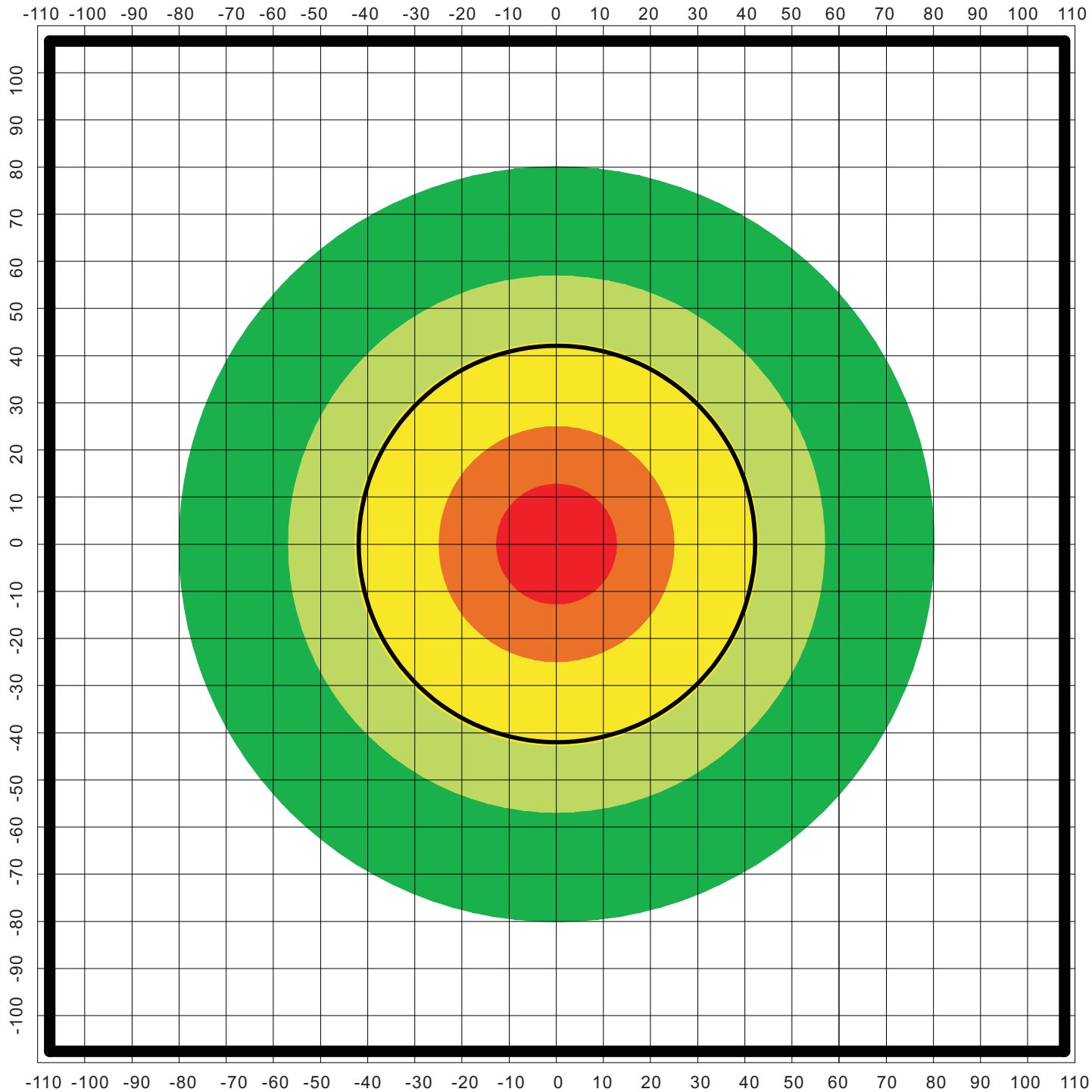
Test Condition:

1. Wind Speed:
4m/s(9mph)

2. Black Line Mark
Ambient Noise
42dB(A)

Noise levels day
in dB(A)

	<35
	35-38
	38-41
	41-44
	44-47
	47-50
	50-53
	53-56
	56-59
	>59
	Limit line

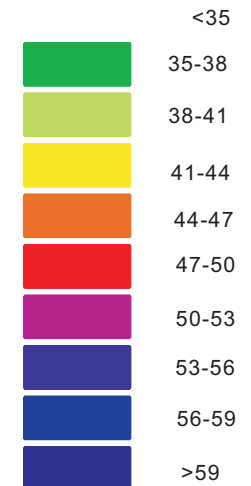


Test Condition:

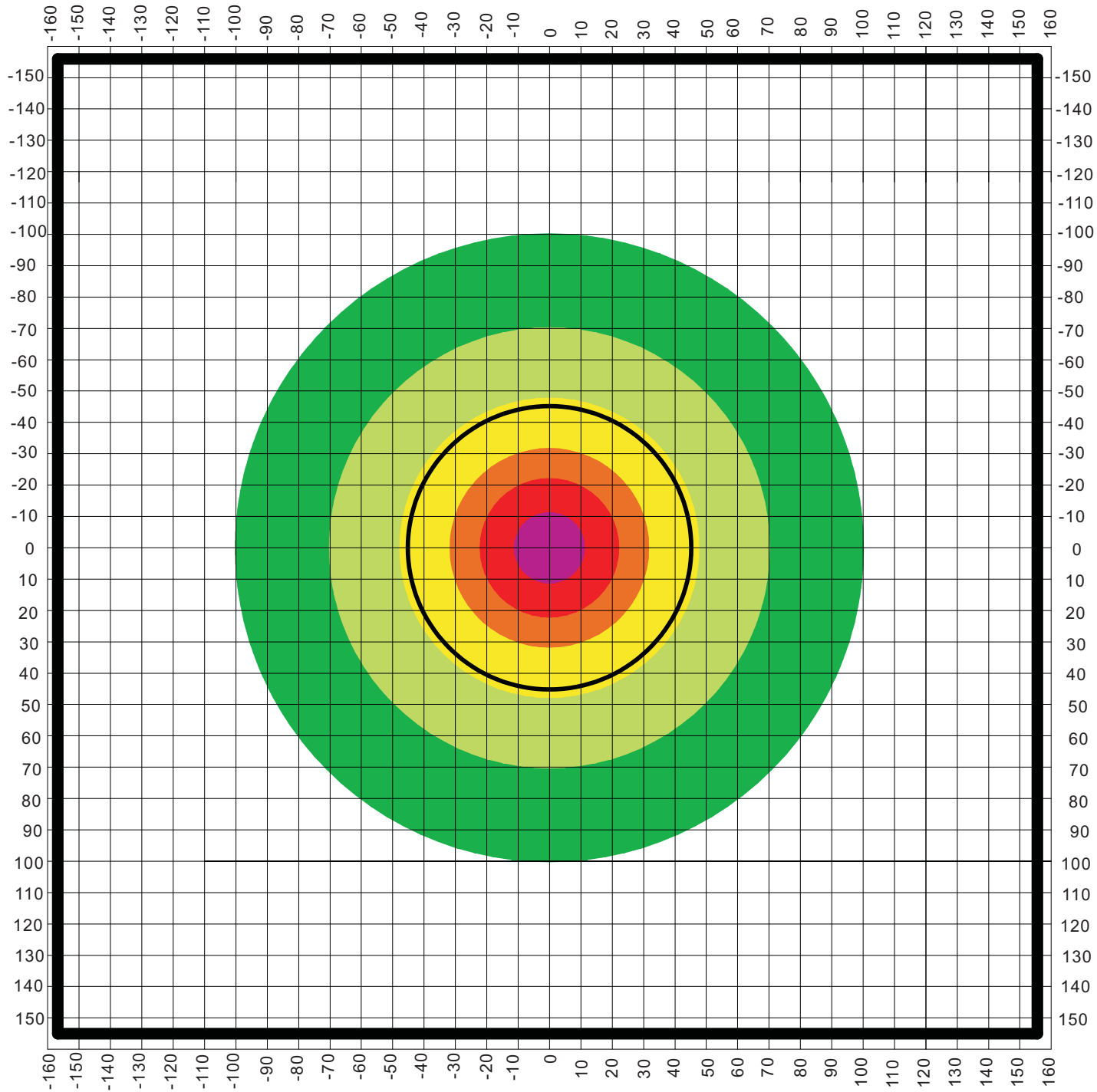
1. Wind Speed:
6m/s(13.6mph)

2. Black line mark
Ambient Noise:
41dB(A)

Noise levels day
in dB(A)



Limit line

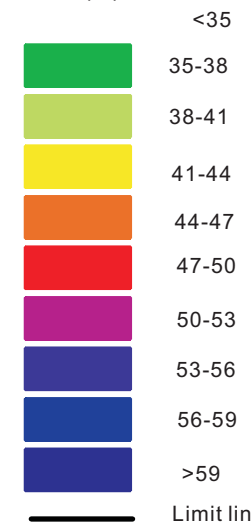


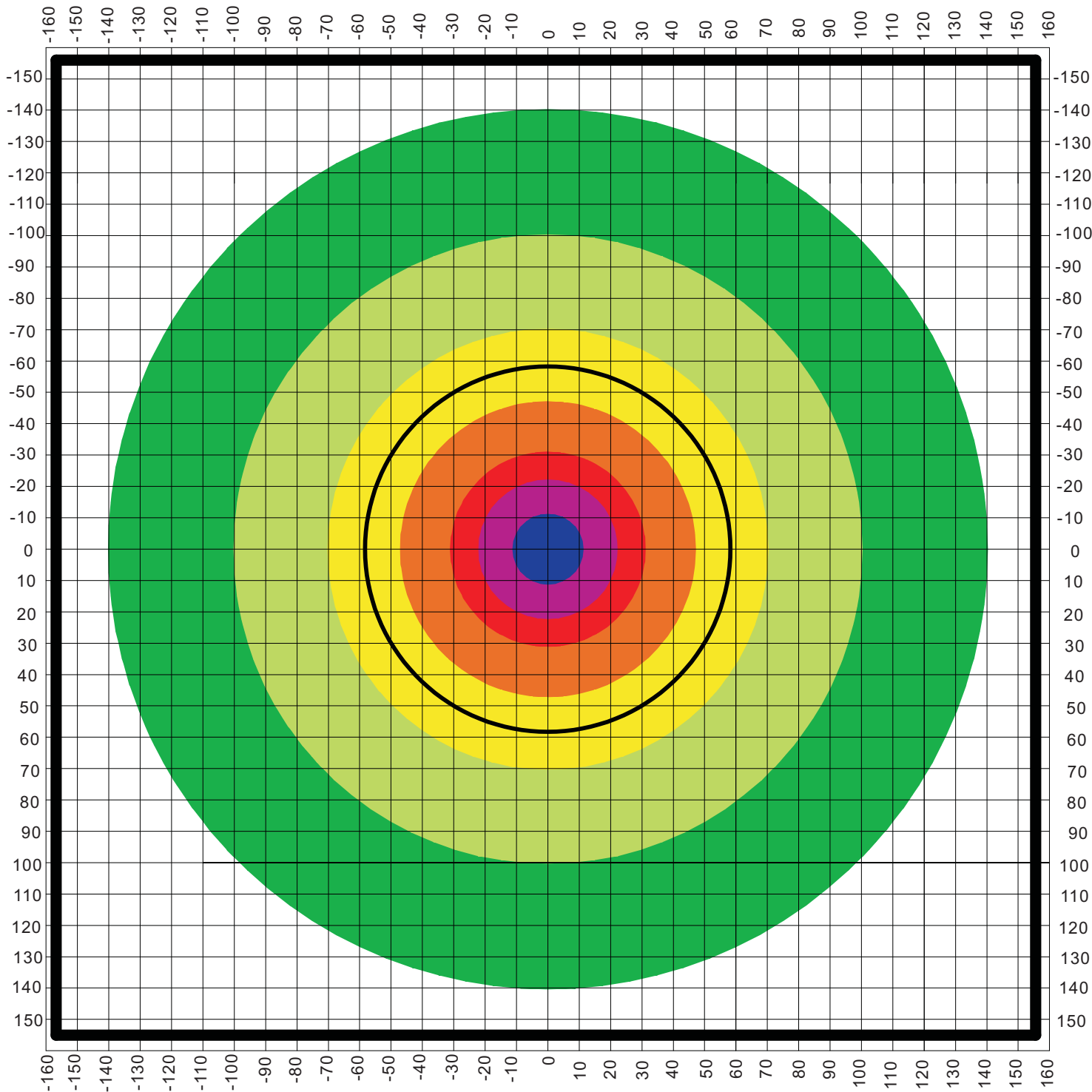
Test Condition:

1. Wind Speed:
8m/s(18.2mph)

2. Black line mark
Ambient Noise:
42dB(A)

Noise levels day in dB(A)





Test Condition:

1. Wind Speed:
10m/s(22.7mph)

2. Black kine mark
Ambient Noise:
43dB(A)

Noise levels day
in dB(A)

	<35
	35-38
	38-41
	41-44
	44-47
	47-50
	50-53
	53-56
	56-59
	>59
	Limit line