

Attachment 2 Environmental resistance characteristics

1. Operating temperature range : 5 to 30°C (QT:5 to 45°C)
2. Ground storage temperature: 0±10°C
3. Mechanical environments (Vibration)

• Sinusoidal vibration

Frequency range	Acceleration level
5 to 27.9 Hz	6.4 mm (Single Amplitude)
27.9 to 100 Hz	196 m/s ² (20 g)

• Random vibration

Frequency range	Acceleration density	Grms
20 to 58 Hz	+6 dB/oct	23.63 (231.57 m/s ² rms)
58 to 700 Hz	48.02 m ² /s ³ (0.5 g ² / Hz)	
700 to 2000 Hz	-6 dB/oct	

4. Mechanical environments(Shock)

Frequency range	Acceleration density
100 Hz	196 m/s ² (40 g)
1000 Hz	12,740 m/s ² (1300 g)
2000 to 10,000 Hz	33,320 m/s ² (3400 g)

5. Mechanical environments(Acceleration)

Level	Period
294 m/s ² (30 g)	5 minutes

6. Radiation resistance characteristics: N/A