

Attachment 2 Environmental resistance characteristics

1. Operating temperature range: 5 to 25°C (QT: -10 to 40°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 50 Hz	196 m/s ² (20 g)
50 to 100 Hz	78 m/s ² (8 g)

4. Mechanical environments (Shock)

Frequency range	Acceleration density
200 Hz	392 m/s ² (40 g)
200 to 2000 Hz	+10.8 dB/oct
2000 to 7000 Hz	13,720 m/s ² (1400 g)

5. Radiation resistance characteristics: N/A

• 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	