

## Attachment 2 Environmental resistance

1. Operating temperature range : 5 to 30°C (QT: -10 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 <sup>2</sup> (20 g)

### 4. Mechanical environments(Shock)

Frequency range	Acceleration density
200 Hz	392 m/s <sup>2</sup> (40 g)
200 to 2000 Hz	+9.296 d/B/octave
2000 to 7000 Hz	13,720 m/s <sup>2</sup> (1400 g)

### 5. Mechanical environments(Acceleration)

Level	Period
245 m/s <sup>2</sup> (25 g)	5 minutes

6. 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 <sup>2</sup> rms)
58 to 700 Hz	48.02 m <sup>2</sup> /s <sup>3</sup> (0.5 g <sup>2</sup> / Hz)	
700 to 2000 Hz	-6 dB/oct	