Attachment 2　Environmental resistance

	Property	Characteristics	
1	Random vibration	＜Acceptance Test level＞ 20 Hz: 0.0184 G^2/Hz 20 to 70 Hz: ＋6 dB/oct 70 to 270 Hz: 0.223 G^2/Hz 270 to 400 Hz: −6 dB/oct 400 to 1000 Hz: 0.102 G^2/Hz 1000 to 2000 Hz: −6dB/oct 2000 Hz: 0.0256 G^2/Hz 13.57 Grms, three orthogonal axes, two minutes per each axis	＜Qualification Test level＞ 20 Hz: 0.042 G^2/Hz 20 to 70 Hz: ＋6 dB/oct 70 to 270 Hz: 0.5 G^2/Hz 270 to 400 Hz: −6 dB/oct 400 to 1000 Hz: 0.23 G^2/Hz 1000 to 2000 Hz: −6 dB/oct 2000 Hz: 0.0577 G^2/Hz 20.2 Grms, three orthogonal axes, two minutes per each axis
2	Sine wave vibration	28 to 70 Hz: 20 G 70 to 100 Hz: 10 G 100 to 2000 Hz: 5 G Sweep rate of 2 oct / min (three orthogonal axes)	
3	Shock	50 Hz: 84G 50 to 100 Hz: 6 dB/oct 600 to 4000 Hz: 1000 G Three orthogonal axes, 2 times for each of the positive and negative directions	
4	Thermal cycle	5 to 60℃, 1000 cycles	
5	Radiation	Total 2×10^7 rad	