

Testing Parameters and Results

Sample Information

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|--------------------|-----------------------------|
| Substrate Material | FS |
| Coating Type | POL |
| Part Number | RT 140079C (Optoman #17) |
| Lot Number | NA Arrow Side |

Results

| | | |
|----------------------------------|-----------------------|-------------------------|
| Damage Threshold Fluence | [J/cm ²] | 44.96 |
| Damage Threshold Peak Irradiance | [MW/cm ²] | 4290.90 |
| Damage Type | | Flash, Propagating pits |

Reference the guide sheet on the final page for additional information on Damage Types

Supporting Information

Engineer's Notes:

- Root T scaled: 44.96 J/cm² @ 9.2 ns is equivalent to 46.88 J/cm² @ 10 ns
- Root T scaled: 4290.9 MW/cm² @ 9.2 ns is equivalent to 4115.69 MW/cm² @ 10 ns
- Fluence and irradiance calculated for normal incidence

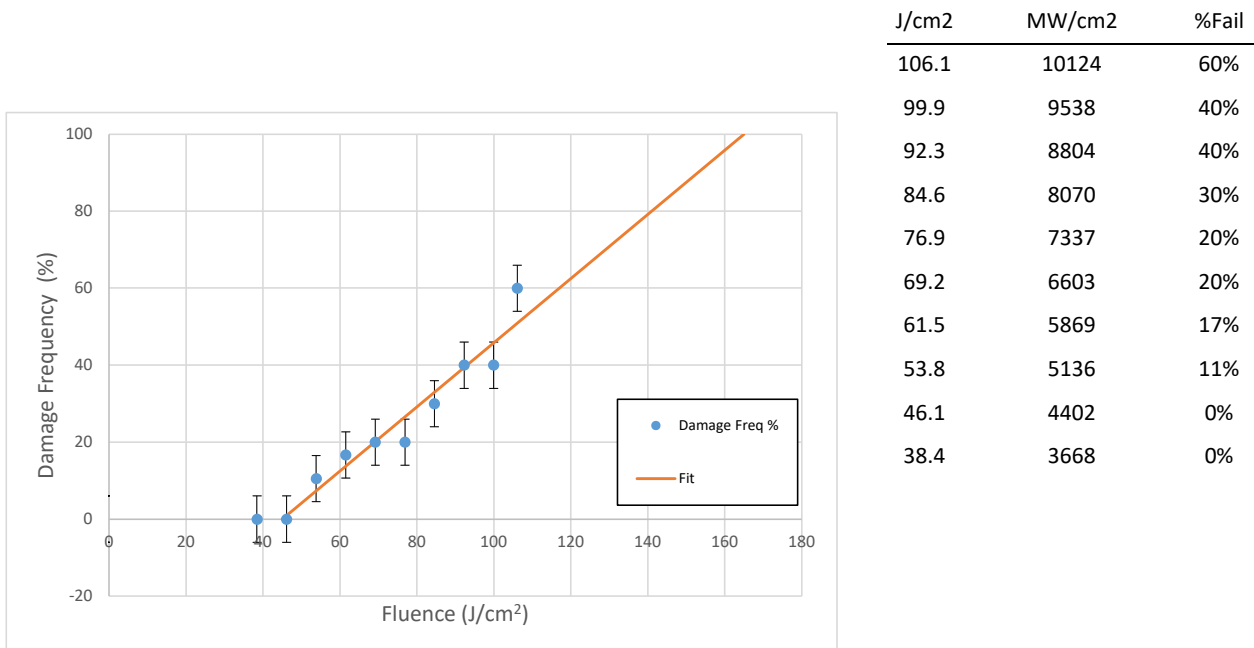


Figure 1: Plot of damage frequency as a function of fluence