

From: James Cutler

To: Travis Nguyen

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Subject: FCC-File.No:0556-EX-CN-2021

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Message:

Re "What steps have been taken to ensure that no unintentional release of debris, to include small breaks or flaking of the macro fiber composites, will be released from the spacecraft?"

The satellite, MARIO/MC9, is encapsulated by solar panels. The composite material is encapsulated in Kapton. Thus there are two containment systems for the composite material. It is not expected for any debris to be generated. The macro fiber composites are essentially thick tape with some thicker structure inside. The satellite will be vib tested and structural integrity assessed after testing.