

STEREO IMPACT Waiver Status

2005-September-12

Waiver	Description	Status
EMC1, 460-26	IDPU Single-ended interfaces	EMC & CCB Approved
EMC2, 460-28	SEP to SIT secondary power distribution	EMC & CCB Approved
EMC3A, 460-31	SEP Bias Supply not synchronized	EMC & CCB Approved
EMC4, 460-40	IDPU to STE-U secondary power distribution	EMC & CCB Approved
EMC5, 460-41	IDPU to STE-U Single-ended interface (analog)	EMC & CCB Approved
EMC6, -	SEP to SEPT single ended interfaces (digital)	EMC: Not Needed
EMC7, 463-37	STE Door Actuators	EMC & CCB Approved
EMC8, 460-42	Use of combined Signal/Power harnesses	EMC & CCB Approved
EMC9, -	SWEA bonding	EMC: Not Needed
RQMT1, 460-67	SEPT proton energy threshold 60keV	Approved
PARTS1, -	Q-tech oscillator	Closed in PCB
POWER1, 460-66	Operational & Survival heaters cause power requirements to exceed allocations, ->17.1W NTE	Approved
463-9	IDPU RAM power increase, ->19.1W	Approved
463-19	Op heater power increase, NTE -> 20.3W	Approved
STERadSrc, 460-70	STE Radiation Source	Withdrawn?
HETLET Adhesive, 463-63	HET/LET adhesive outgassing	Approved
CorkWaiver, 463-116	IMPACT/SWAVES booms cork outgassing	Approved
PHASIC_Hybrid, -	PHASIC Hybrid waiver to "known good die" requirement	Closed in PCB
H3 Detector Boards, 463-94	H3 detector board QA deviation (Pioneer)	Approved
IMPACTHarnessShield, 463-132	IMPACT harness shielding requirement waiver (deep dielectric discharge issue)	EMC & CCB Approved
SEPTThermalHardware 463-107	SEPT thermal hardware not installed during vibration testing (not powered)	Approved
EMC10, 463-131	SWEA door activation transient	EMC & CCB Approved
SWEA Shock, 463-117	SWEA/Boom self-shock test	Withdrawn, not reqd
ThermalBalance, 463-133	Thermal Balance Plan (no MAG, 1 flight unit, SWEA, STE-U separate from	Approved

	boom)	
SWEAVib, 463-130	Vibrate SWEA off boom	Approved
Accoustics, 463-135	No acoustic test for SWEA, STE, SEPT.	Approved
IMPACT Power Allocation, 463-134	Increase NTE from 20.3 to 23.6W	Approved
EMC11, 463-179A	Non-flight configuration for EMC test	Approved
GroundPins, 463-238	Unused chassis ground pins missing on BOOM-J1 and BOOM-J3.	Approved
IMPACT FM1 EMC, 463-241	IMPACT FM1 EMC test results waiver	Approved
EMC6a, 463-244	SEP to SEPT single-ended interface termination	Approved
SWEAGroundDiode, 463-258	SWEA primary to secondary isolation failure due to door sense circuit	Approved