

	Form, Failure Analysis Report	
	DFT0000084	Rev: B

RMA #: 2005483

P/N: POB-KAN120-HW24

S/N: POB-001288

Customer: Hughes Network Systems

Report By: B. Morris

Report Date: June 26, 2025

Lead Technician: A. Singbandith

1 Product Information

Part Number:	POB-KAN120-HW24
Serial Number:	POB-001288
Description:	Powerstream Outdoor BUC
RMA Number:	2005483
RMA Issued Date:	September 9, 2024
RMA Received Date:	September 17, 2024
Customer:	Hughes Network Systems
Warranty Status:	Out of Warranty

2 Background as per Customer’s RMA Request Form

GN49_Southbury
Timeout

3 Incoming Inspection

An Incoming Inspection was performed at Wavestream to determine the returned condition of the unit. Cage Bent and damaged, missing dust caps. Unit was very dirty including bird excrement on surface of unit.

Incoming Test

- Failed– SNMP Timeout (reported issue confirmed), low output power

4 Root Cause Analysis

- Faulty Deck modules
- Faulty Ethernet interface harness

5 Corrective Action(s) Completed:

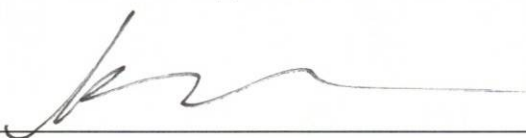
- Replaced Deck modules
- Replaced Ethernet interface cable
- Re-Calibrated LUT table over all temperatures
- Re-Biased Decks
- Conducted ATP
- Replaced Dust Caps
- Deep Clean

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6 Quality Statement(s):

POB-001288 has been reviewed by Quality Assurance. Unit successfully completed ATP validation testing, and has been approved for return back to the customer.

Approved By:



Date:

6-26-25

Engineering