

ENVIRONMENTAL QUALIFICATION FORM

NOMENCLATURE: MULTIBAND ANTENNA

TYPE/MODEL/PART NO: AV-924HS

TSO NO: N/A

**MANUFACTURE'S SPECIFICATION AND/OR OTHER APPLICABLE SPECIFICATION: AV-924HS PRODUCT
DRAWING PACKAGE AND ELECTRICAL TEST SPECIFICATION**

MANUFACTURER: RAMI (R.A. MILLER INDUSTRIES INC.)

ADDRESS: 14500 168TH AVE., GRAND HAVEN, MI 49417

REVISION & CHANGE NUMBER OF DO-160: G, Change 1, December 16, 2014

DATE TESTED: APRIL - JUNE 2022

CONDITIONS	SECTION	DESCRIPTION OF TEST CONDUCTED
Temperature & Altitude	4.0	Category [F2]
Ground Survival & Short-Time Operating Low Temp Test	4.5.1	Category X (No test Performed)
Operating Low Temp Test	4.5.2	Category X (No test Performed)
Ground Survival & Short-Time Operating High Temp Test	4.5.3	Category X (No test Performed)
Operating High Temp Test	4.5.4	Category X (No test Performed)
In-Flight Loss of Cooling	4.5.5	Category X (No test Performed)
Altitude	4.6.1	Category [F2]
Decompression	4.6.2	Category X (No test Performed)
Overpressure	4.6.3	Category X (No test Performed)
Temp Variation	5.0	Category A
Humidity	6.0	Category C
Operational Shock & Crash Safety	7.0	Category A
Vibration	8.0	Category U and Category S
Explosion	9.0	Category X (No test Performed)

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CONDITIONS	SECTION	DESCRIPTION OF TEST CONDUCTED
Waterproofness	10.0	Category S
Fluid Susceptibility	11.0	Category F
Sand & Dust	12.0	Category X (No test Performed)
Fungus	13.0	Category F (No test Performed)
Salt Spray	14.0	Category S
Magnetic Effect	15.0	Category X (No test Performed)
Power Input	16.0	Category X (No test Performed)
Voltage Spike	17.0	Category X (No test Performed)
Audio Frequency Susceptibility	18.0	Category X (No test Performed)
Induced Signal Susceptibility	19.0	Category X (No test Performed)
Radio Frequency Susceptibility	20.0	Category X (No test Performed)
Radio Frequency Emmission	21.0	Category X (No test Performed)
Lightning Induced Transient Susceptibility	22.0	Category X (No test Performed)
Lightning Direct Effects	23.0	Category X (No test Performed)
Icing	24.0	Category X (No test Performed)
Electrostatic Discharge	25.0	Category X (No test Performed)
Fire, Flammability	26.0	Category X (No test Performed)

Other Tests: Drag Force Testing

REMARKS:
