

Statement of Conformity (No. E0004218)

Radio Equipment: iQ 800 Aero Satellite Router

Manufacturer: VT iDirect, Inc.

Manufacturer Address: 13861 Sunrise Valley Drive, Suite 300, Herndon, VA 20171

This statement of conformity is issued under the sole responsibility of the manufacturer.

The iQ 800 Aero Satellite Router was assessed under the following conditions:

Equipment Type	Descriptor	iDirect P/N	Manufacturer	MPN (if Applicable)	Description
Satellite Router	iQ 800 Aero	E0003695-0001	iDirect		
Enclosure*	Aero Ref Module	E0002292-0001	iDirect		
	Aero Ref Module Cover	E0004111-0001	iDirect		
Power Module**	AC	2100-0004-0003	Ault Inc.	PW122RA2400F02	

*For EMC Testing only

**For EMC Radiated Emissions and Radiated Immunity Tests only



A company of VT Systems

The following standards and technical specifications have been applied:

Sector	Standard	Description
Flammability	FAR PART 25 APPENDIX F Part I (a) (1) (ii) FAR PART 25 APPENDIX F Part I (a) (1) (iv) FAR PART 25 APPENDIX F Part V SMP 800C	Flammability Vertical Test (Ignition time 12 seconds) Flammability Horizontal Test (Burn Rate of 2.5in/min) Smoke Density Test (Flaming Mode) Combustion Toxicity Test
EMC	EN 55024: 2010 EN 61000-3-2: 2014 EN 61000-3-3: 2013 EN 55032: 2012/AC:2013 FCC 47 CFR Part 15, Subpart B ICES-003 Issue 6 January 2016	ITE Immunity Characteristics EMC Limits - Harmonic Currents (Equipment ≤ 16A) EMC Limits - Voltage Changes (Equipment ≤ 16A) EMC of Multimedia Telecommunication - Part 15: Radio Frequency Devices ITE - Limits and methods of measurement

The integrator is responsible for certifications at the terminal level.

For design advice, please refer to the integration guide.

Signed for on behalf of: VT iDirect

At Herndon, VA on the 18th of July 2019

Shuen Wong, Senior Vice President of Engineering

VT iDirect, Inc.

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