

# Report on the Testing of the

## CINCH Systems RF-UT-EI-SMOKE-319-S

FCC ID: 2ABBZ-R-QS5130-840

IC ID: 11817A-RQS5130840

Prepared for: Cinch Systems  
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America

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## COMMERCIAL-IN-CONFIDENCE

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### SIGNATURE

NAME	JOB TITLE	RESPONSIBLE FOR	ISSUE DATE
Sean Sellergren	Sr EMC Engineer	Authorized Signatory	27 September 2024

Signatures in this approval box have checked this document in line with the requirements of TÜV SÜD America, Inc. document control rules.

FCC Accreditation	Innovation, Science, and Economic Development Canada
Designation Number US1148 New Brighton, MN Test Laboratory	Accreditation
	Site Number 4512A New Brighton, MN Test Laboratory

### EXECUTIVE SUMMARY

A sample of this product was tested and found to be compliant with the standards listed above.



A2LA Cert. No. 2955.11

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### ACCREDITATION

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**General Information:**

Applicant: Cinch Systems  
Device Category: Fixed  
Environment: General Population/Uncontrolled Exposure

**Technical Information:**

FCC ID: 2ABBZ-R-QS5130-840  
IC ID: 11817A-RQS5130840  
Antenna Type: Integral  
Antenna Gain: 2.35 dBi  
Exposure Conditions: ≥ 5 millimeters

Tuned Frequency (MHz)	Field Strength @3m (dBμV/m)	ERP (dBm)	EIRP (dBm)	EIRP (mW)
319.5	62.84	-34.54	-32.39	0.00057

Per 47 CFR 1.1307(b)(3)(i)(A) this device is exempt based on  $0.00057\text{mW} < 1\text{mW}$ .

Per RSS-102 Issue 6 this device is exempt based on the exemption limits shown in section 6.3,  $0.00057\text{mW} < 32\text{mW}$ .