

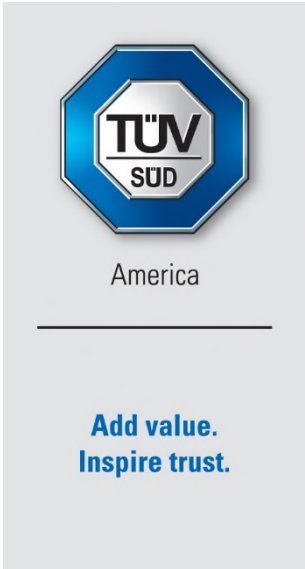
Report on the Testing of the  
CINCH Systems  
RF-UT-EI-SMOKE-319-S

FCC ID: 2ABBZ-R-QS5130-840  
IC ID: 11817A-RQS5130840

Prepared for: Cinch Systems  
12075 43 St NE Ste 300  
St Michael MN 55376

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. |

|                            |                                                                                                                                                                                                                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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|                            | <b>ACCREDITATION</b><br>Our A2LA Accreditation does not cover opinions and interpretations and any expressed are outside the scope of our A2LA Accreditation.                                                                                                                                                              |

**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:  $\geq 5$  millimeters

| Tuned Frequency<br>(MHz) | Field Strength<br>@3m<br>(dB $\mu$ V/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,  
 $0.00057\text{mW} < 32\text{mW}$ .