

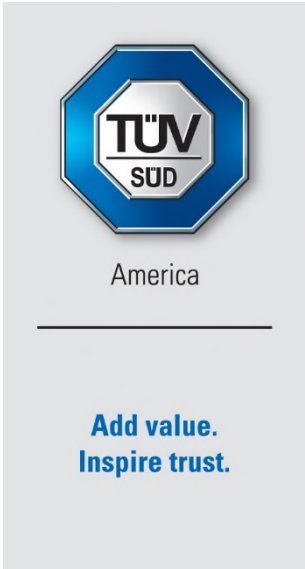
Certification Exhibit

Test Photos

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

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

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



COMMERCIAL-IN-CONFIDENCE

Document Number: NC721003871.3 | Issue: 1

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 TUV SUD America, Inc. document control rules.

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



Contents

1.1	EUT	3
1.2	Deactivation Period Test Setup.....	4
1.3	Pulse Polling or Supervision Transmissions & Duty Cycle of Transmitter Test Setup	5
1.4	Radiated Fundamental Field Strength Test Setup.....	6
1.5	Radiated Spurious Emissions Test Setup.....	7
1.6	Occupied Bandwidth Test Setup.....	9

1.1 EUT



Photo 1.1-1 – EUT Front View



Photo 1.1-2 – EUT Rear View

TÜV SÜD America Inc
141 14th Street NW
New Brighton, MN 55112

Phone: 651-631-2487
www.tuv-sud-america.com

1.2 Deactivation Period Test Setup

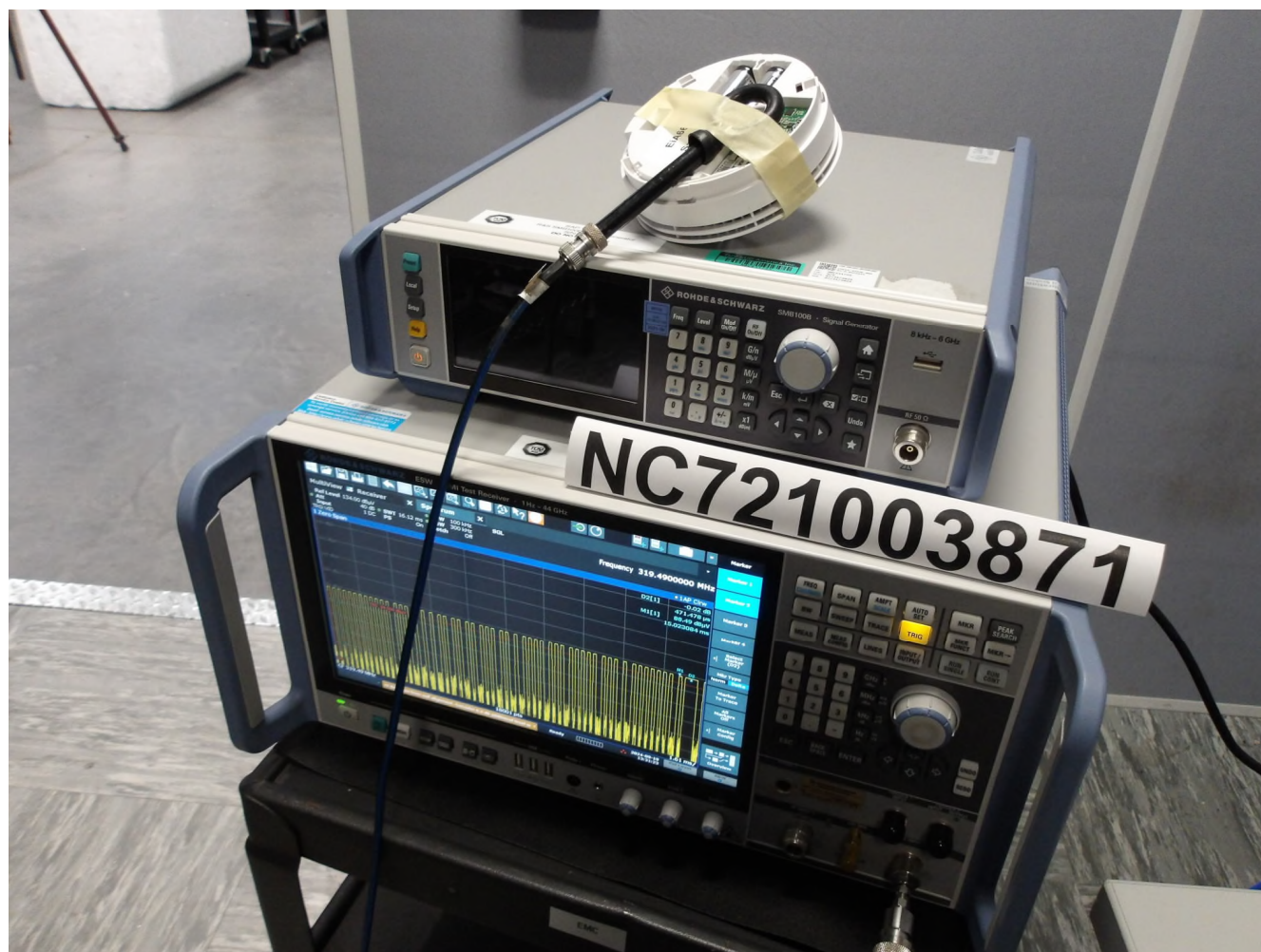


Photo 1.2-1 – Deactivation Period Test Setup Photo [Front View]

1.3 Pulse Polling or Supervision Transmissions & Duty Cycle of Transmitter Test Setup

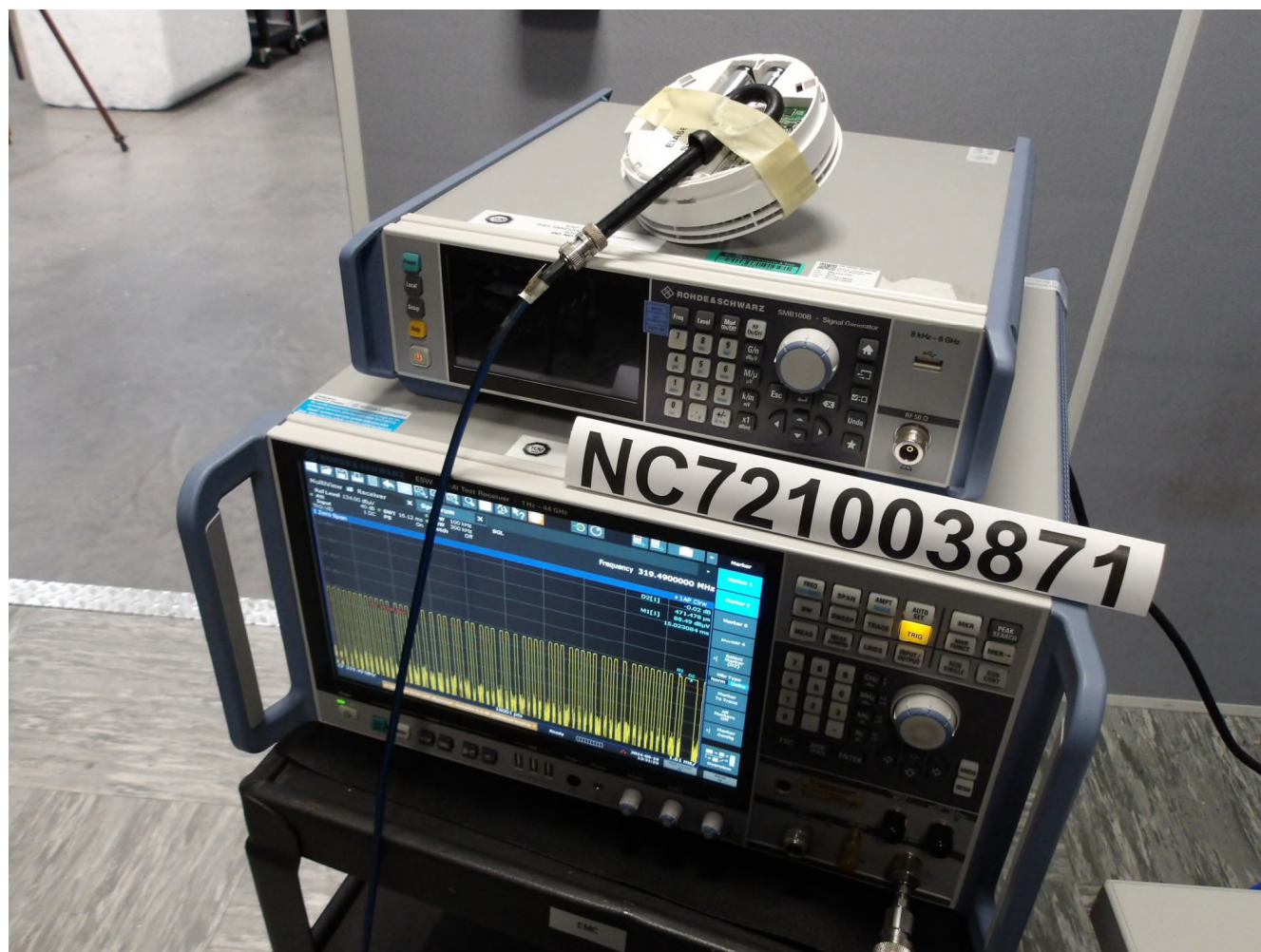


Photo 1.3-1 – Pulse Polling or Supervision Transmissions & Duty Cycle of Transmitter Test Setup Photo [Front View]

1.4 Radiated Fundamental Field Strength Test Setup



Photo 1.4-1 – Radiated Fundamental Field Strength Test Setup Photo [Front View]



Photo 1.4-2 – Radiated Fundamental Field Strength Test Setup Photo [Back View]

TÜV SÜD America Inc
141 14th Street NW
New Brighton, MN 55112

Phone: 651-631-2487
www.tuv-sud-america.com

1.5 Radiated Spurious Emissions Test Setup



Photo 1.5-1 – Radiated Spurious Emission 30M-1G Test Setup Photo [Front View]



Photo 1.5-2 – Radiated Spurious Emission 30M-1G Test Setup Photo [Back View]

TÜV SÜD America Inc
141 14th Street NW
New Brighton, MN 55112

Phone: 651-631-2487
www.tuv-sud-america.com

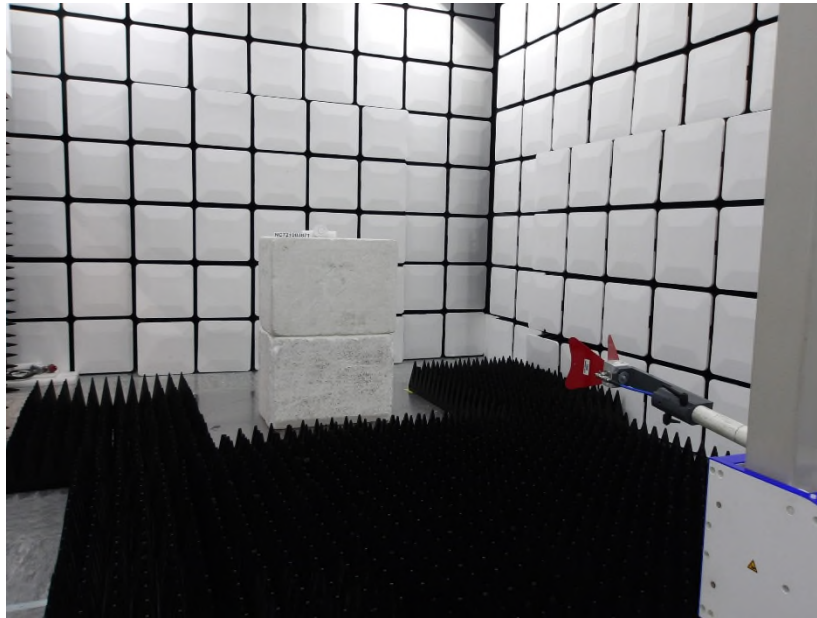


Photo 1.5-3 – Radiated Spurious Emission 1G-18G Test Setup Photo [Front View]

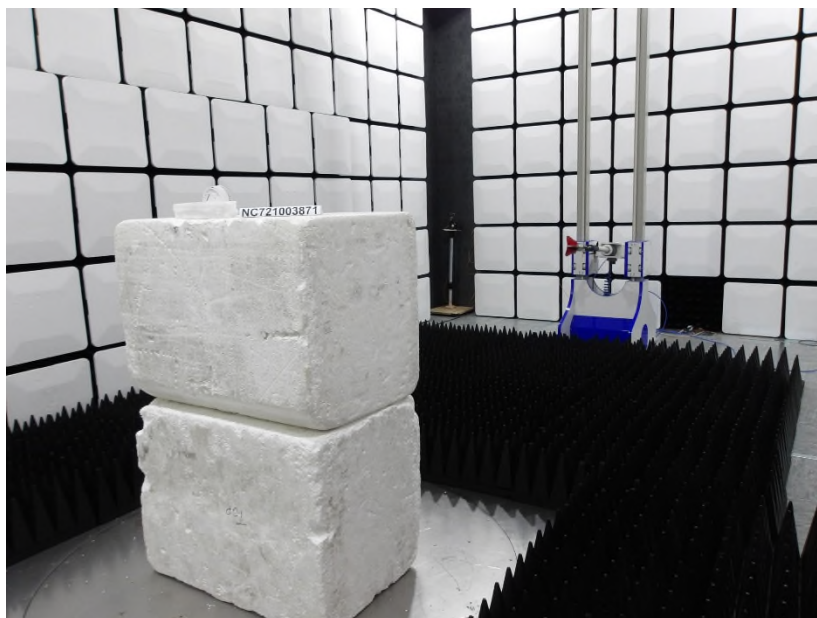


Photo 1.5-4 – Radiated Spurious Emission 1G-18G Test Setup Photo [Back View]

1.6 Occupied Bandwidth Test Setup



Photo 1.6-1 – Occupied Bandwidth Test Setup Photo [Front View]



Photo 1.6-2 – Occupied Bandwidth Test Setup Photo [Back View]

TÜV SÜD America Inc
141 14th Street NW
New Brighton, MN 55112

Phone: 651-631-2487
www.tuv-sud-america.com