US Tech Test Report:	FCC Part 15 Certification / RSS 247
FCC ID:	2ADWT-ICSR01
IC:	12660A-ICSR01
Test Report Number:	24-0098
Issue Date:	June 28, 2024
Customer:	Southern States, LLC
Model:	ICS/TFDIR Receiver

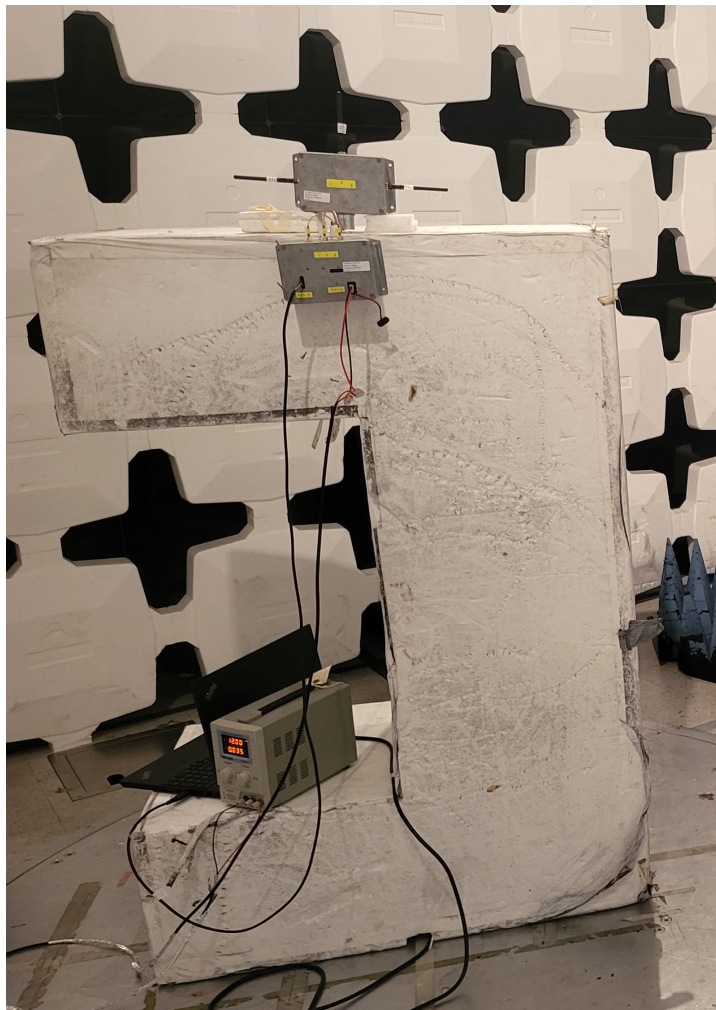## TEST CONFIGURATION PHOTOGRAPHS

Figure 1. Radiated Emissions Test Setup

Note: Pre-scans were performed to determine which orthogonal position generated the highest emissions.

US Tech Test Report: FCC Part 15 Certification / RSS 247

FCC ID: 2ADWT-ICSR01

IC: 12660A-ICSR01

Test Report Number: 24-0098

Issue Date: June 28, 2024

Customer: Southern States, LLC

Model: ICS/TFDIR Receiver

Figure 2. Radiated Emissions Test Setup, .15 MHz to 30 MHz

Note: Companion device used during spurious emissions testing.
Note: EUT transmit antenna replaced with 50 ohm impedance match loads during spurious emissions testing.

US Tech Test Report: FCC Part 15 Certification / RSS 247
FCC ID: 2ADWT-ICSR01
IC: 12660A-ICSR01
Test Report Number: 24-0098
Issue Date: June 28, 2024
Customer: Southern States, LLC
Model: ICS/TFDIR Receiver
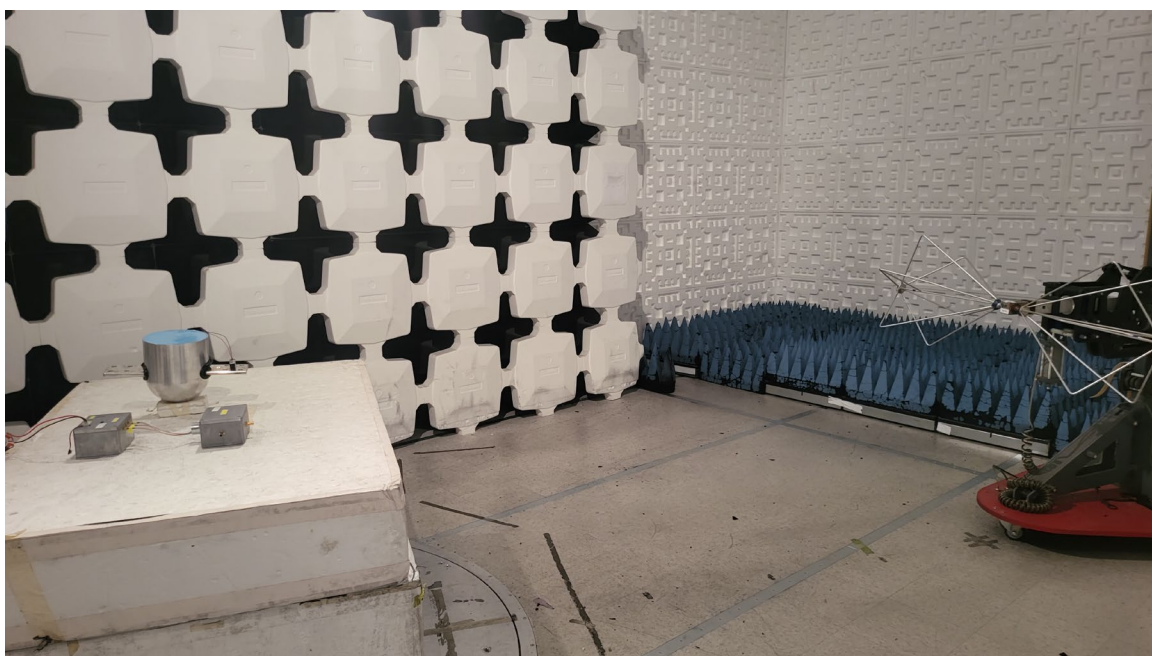
Figure 3. Radiated Emissions Test Setup, 30 MHz to 200 MHz

US Tech Test Report: FCC Part 15 Certification / RSS 247

FCC ID: 2ADWT-ICSR01

IC: 12660A-ICSR01

Test Report Number: 24-0098

Issue Date: June 28, 2024

Customer: Southern States, LLC

Model: ICS/TFDIR Receiver
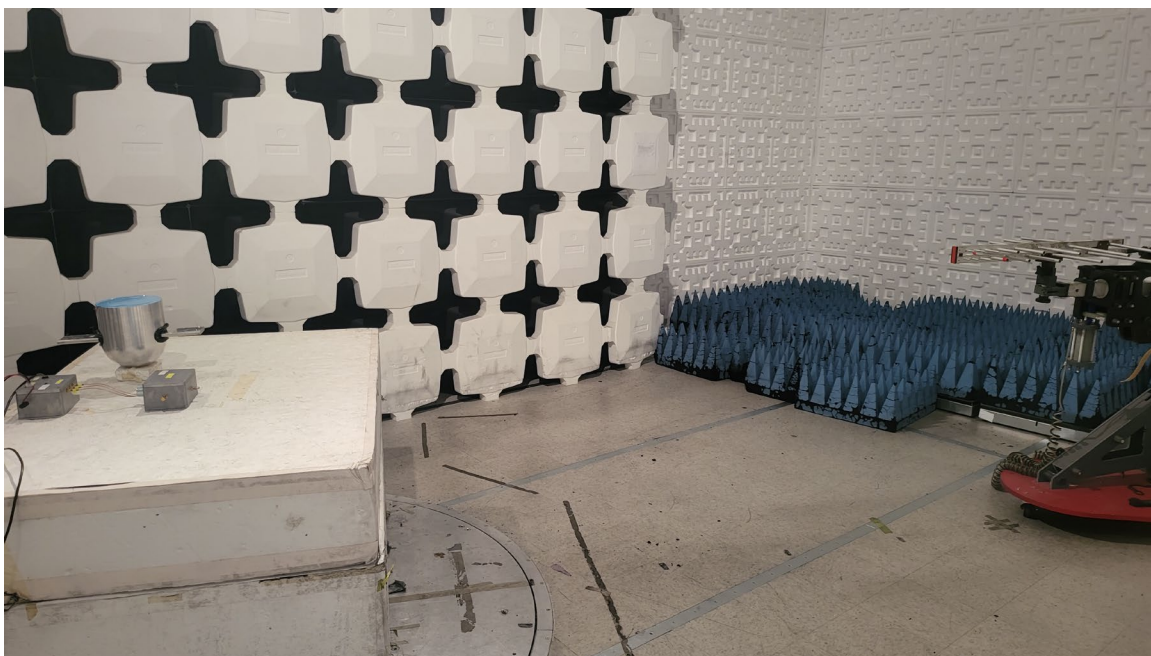
Figure 4. Radiated Emissions Test Setup, 200 MHz to 1GHz

US Tech Test Report: FCC Part 15 Certification / RSS 247
FCC ID: 2ADWT-ICSR01
IC: 12660A-ICSR01
Test Report Number: 24-0098
Issue Date: June 28, 2024
Customer: Southern States, LLC
Model: ICS/TFDIR Receiver

Figure 5. Radiated Emission Test Setup, above 1 GHz

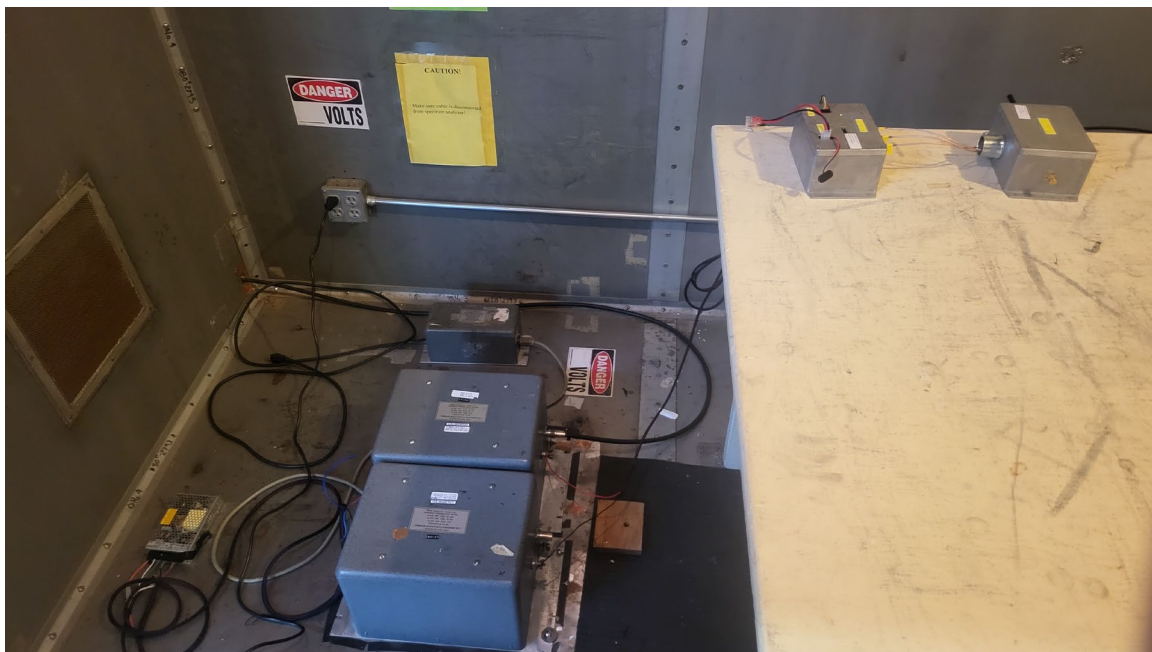| US Tech Test Report: | FCC Part 15 Certification / RSS 247 |
FCC ID:	2ADWT-ICSR01
IC:	12660A-ICSR01
Test Report Number:	24-0098
Issue Date:	June 28, 2024
Customer:	Southern States, LLC
Model:	ICS/TFDIR Receiver

Figure 6. Conducted Emissions Test Setup

Note: EUT transmit antenna replaced with 50 ohm impedance match loads during spurious emissions testing.