



Engineering Solutions & Electromagnetic Compatibility Services

FCC Equipment Authorization Exhibit

**Technical Compliance Demonstration for Supplemental Coverage from Space (SCS)
Submitted in Accordance with KDB 273109 D01 and 47 CFR Part 25**

**L3Harris Technologies, Inc.
221 Jefferson Ridge Parkway
Lynchburg, VA 24501**

**Models: XL-200P Multi-Band Portable Radio
VHF/UHF/700/800 MHz
&
XL-185P Single-Band Portable Radio
XL-150P Single-Band Portable Radio
(UHF, VHF, or 700/800 MHz)**

FCC ID: OWDTR-0179-E

March 4, 2026

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Document Number: 2025003SCS

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This report replaces R.1.0

These tests are accredited and meet the requirements of ISO/IEC 17025 as verified by ANAB.
Refer to the certificate and scope of accreditation AT-1445.

Contents

1. Purpose	4
2. Device Identification and Applicable LTE Certification Basis	4
3. System Architectural Overview	4
3.1 Applicability to LTE Bands Used for FCC-Authorized Non-Terrestrial Networks	4
4. Part 25 Rule-by-Rule Technical Demonstration	5
4.1 47 CFR §25.202(f) – Emission Designators and Occupied Bandwidth	5
4.2 47 CFR §25.204 – Transmit Power, EIRP, and PSD	5
4.3 47 CFR §25.209 – Band-Edge and Out-of-Band Emissions	5
4.4 47 CFR §25.216 – Spurious Emissions	5
4.5 47 CFR §25.129(c) – Technical Compliance	5
4.6 47 CFR § 25.138 — SCS Operational Constraints	6
5. Part 25 SCS Cross-Reference Matrix	7
6. Conclusion	7
Appendix A: 371817_Sierra_EM7595_Spot Check Evaluation_for FCC	8
Appendix B: LTE Report FCC Radio Test Report No. FG242018B (Sporton, August 09, 2022)	9
Table 5-1: Part 25 SCS Cross-Reference Matrix	7

Attestation of RF Equivalence and Data Referencing

L3Harris is integrating the LTE module Model EM7595, FCC ID N7NEM75Y, into the host platform. In accordance with KDB 273109 D01, the Part 25 submission requires inclusion of supporting LTE Band 25 test data addressing the applicable provisions of 47 CFR §25.129(c) and related sections. This supplemental filing relies on the LTE Band 25 compliance data associated with the parent certification as described below.

FCC ID N7NEM75T is the parent device, and FCC ID N7NEM75Y is a certified variant authorized using FCC data referencing procedures in accordance with KDB 484596 D01. The equivalence between these two FCC IDs was formally filed as part of the certification application for FCC ID N7NEM75Y and was reviewed and approved by the TCB and the FCC in connection with that grant of authorization.

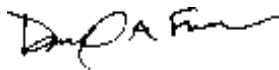
As documented in the FCC Test Report for FCC ID N7NEM75Y, both devices utilize identical internal printed circuit board layouts and the same transmitter design. The report confirms that spot-check testing and data referencing were performed to justify the reuse of the parent device's test data.

It is further attested that the hardware between FCC ID N7NEM75T and FCC ID N7NEM75Y is one hundred percent identical. Firmware differences are limited to category support enhancements and do not affect RF power, emission characteristics, modulation parameters, operating frequency range, or transmitter architecture. No changes were made to the RF chain, power amplifier, filtering, emission mask compliance, or antenna interface.

Spot check verification testing was performed to validate RF equivalence. For LTE Band 25, the measured conducted output power difference between the parent and variant is 0.19 dB. Radiated spurious emission testing confirms that emission levels are not degraded by more than 3 dB and remain compliant. These results demonstrate that the RF characteristics of the variant device remain consistent with those of the parent device.

Accordingly, the operating band, emission mask, maximum conducted power, modulation characteristics, and spurious emission performance for LTE Band 25 are unchanged between FCC ID N7NEM75T and FCC ID N7NEM75Y. The LTE Band 25 test data originally filed under FCC ID N7NEM75T therefore accurately represents the RF performance of FCC ID N7NEM75Y and is appropriate for use in demonstrating compliance with 47 CFR §25.129(c) and the related provisions of §§25.138, 25.202(f), 25.204, 25.209, and 25.216 in this Part 25 supplemental submission.

The full equivalence and spot check verification report supporting this attestation is included in the Appendix.



Desmond Fraser
President, Rhein Tech Laboratories, Inc.
March 4, 2026

1. Purpose

This report provides technical data pursuant to KDB 273109 D01 and 47 CFR §25.129(c), including §§25.138, §§25.202(f), §§25.204, §§25.209, and §§25.216. The requested FCC Part 25 Supplemental Coverage from Space (SCS) designation applies solely to the integrated LTE subsystem operating in LTE Band 25 under FCC-authorized Non-Terrestrial Network (NTN) control. The Land Mobile Radio transmitter remains authorized exclusively under 47 CFR Part 90.

2. Device Identification and Applicable LTE Certification Basis

LTE Model FCC ID: N7NEM75Y
Device Host: XL-200P (LMR Host with Integrated LTE Modem)
LTE RF Test Report: FCC Radio Test Report No. FG242018B (Sporton, August 09, 2022)
Scope: LTE Band 25 (Uplink 1850–1915 MHz)

3. System Architectural Overview

The LTE RF hardware, antenna configuration, conducted output power capability, occupied bandwidth, modulation formats, and emission characteristics used for SCS operation are identical to those certified under terrestrial LTE rules in FCC Radio Test Report No. FG242018B (Sporton, August 09, 2022). There is no satellite-specific RF chain, no satellite-dedicated PA stage, no antenna modification, and no power increase for SCS operation.

3.1 Applicability to LTE Bands Used for FCC-Authorized Non-Terrestrial Networks

This Part 25 supplemental analysis is based on LTE Band 25 operation as currently implemented in support of an FCC-authorized Non-Terrestrial Network system. However, the technical conclusions presented herein are not inherently limited to Band 25.

The EM7595 module, FCC ID N7NEM75Y, supports multiple LTE frequency bands that were previously certified under its original FCC authorization. The RF characteristics for each supported LTE band, including operating frequency range, emission mask compliance, maximum conducted output power, modulation type, and spurious emission performance, were evaluated and approved as part of the original certification and associated data referencing.

The analysis provided in this submission applies to any supported LTE band that:

1. Operates within the frequency ranges and power levels previously certified under the applicable FCC grant.
2. Utilizes identical RF hardware and transmitter architecture.
3. Does not introduce changes to antenna configuration, conducted output power, duty cycle, or emission characteristics.
4. Operates in conjunction with an FCC-authorized Non-Terrestrial Network system.

If additional LTE bands are later utilized for operation with other FCC-authorized satellite systems, including those supported by other carriers, and provided the above conditions remain satisfied, the RF compliance conclusions described in this report remain applicable without the need for additional transmitter requalification.

Any future deployment on additional bands will remain subject to verification that no RF hardware or operational parameter changes have occurred beyond those previously certified.

4. Part 25 Rule-by-Rule Technical Demonstration

4.1 47 CFR §25.202(f) – Emission Designators and Occupied Bandwidth

Occupied bandwidth and emission characteristics for LTE Band 25 are documented in Section 3.4, Occupied Bandwidth, of Appendix B (OBW plots and tables for low, mid, and high channels) in FCC Radio Test Report No. FG242018B. The LTE waveform employed for SCS operation is the same waveform evaluated in Section 3.4 of the FCC Radio Test Report No. FG242018B, as included in Appendix B of this report.

4.2 47 CFR §25.204 – Transmit Power, EIRP, and PSD

The maximum conducted output power for LTE Band 25 is provided in Section 3.2, Conducted Output Power, of Appendix B (Low, Mid, and High Channel Power Tables) in FCC Radio Test Report No. FG242018B. The worst-case SCS uplink EIRP toward space is determined by summing the maximum measured conducted output power and the maximum certified antenna gain.

4.3 47 CFR §25.209 – Band-Edge and Out-of-Band Emissions

Band-edge and out-of-band emission measurements for LTE Band 25 are provided in Section 3.5, Conducted Band Edge, of Appendix B (Band Edge Plots) in FCC Radio Test Report No. FG242018B.

4.4 47 CFR §25.216 – Spurious Emissions

Conducted spurious emissions are documented in Section 3.6 of Appendix B, and radiated spurious emissions are documented in Section 4.2 of Appendix B of FCC Radio Test Report No. FG242018B. The measurement range extends from 30 MHz to ten times the fundamental frequency and includes worst-case operating configurations for LTE Band 25.

4.5 47 CFR §25.129(c) – Technical Compliance

Pursuant to 47 CFR §25.129(c), the applicant provides the required technical showing demonstrating compliance with the applicable Part 25 requirements for SCS operation.

The LTE Band 25 RF characteristics supporting SCS operation are fully characterized in the FCC Radio Test Report No. FG242018B in Appendix B. The following report sections establish the RF emission envelope applicable to SCS operation:

- a. Section 3.2 — Conducted Output Power
- b. Section 3.4 — Occupied Bandwidth
- c. Section 3.5 — Conducted Band-Edge Emissions
- d. Section 3.6 — Conducted Spurious Emissions
- e. Section 4.2 — Radiated Spurious Emissions

These data collectively characterize:

1. Maximum conducted output power
2. Maximum EIRP (when combined with certified antenna gain)
3. Occupied bandwidth
4. Band-edge emissions
5. Conducted and radiated spurious emissions

Due to:

1. The LTE RF hardware, antenna configuration, and emission characteristics are unchanged from the previously certified terrestrial configuration.
2. No satellite-specific RF chain or power amplification stage is implemented; and
3. SCS operation is subject to NTN network-controlled safeguards consistent with §25.138; the technical showing required by §25.129(c) is satisfied without the need for additional satellite-specific RF testing.

4.6 47 CFR § 25.138 — SCS Operational Constraints

Operational Compliance Statement

The subject device supports Supplemental Coverage from Space (SCS) operation solely through its integrated LTE modem operating in LTE Band 25 under the control of an FCC-authorized Non-Terrestrial Network (NTN) service provider.

Compliance with 47 CFR §25.138 is achieved through system architecture and operational safeguards as follows:

- a. Network-Controlled Operation
All uplink transmissions toward space occur exclusively under NTN network authorization and control. The device cannot independently initiate satellite uplink transmissions absent network authentication and service provisioning.
- b. Transmit Power and Timing Control
Transmit power levels, frequency assignment, resource block allocation, and transmission timing are governed by network signaling protocols. The end user has no capability to override or modify network-imposed operational parameters.
- c. No Independent Earth Station Functionality
The device does not incorporate:
 - A dedicated satellite RF chain
 - A satellite-specific power amplifier
 - A separate satellite antenna system
 - Manual satellite uplink configuration capability

SCS operation uses the same LTE RF hardware, antenna system, and emission characteristics as those certified for terrestrial LTE operation.

- d. Operational Safeguards
Transmission toward space is contingent upon NTN system authentication and service authorization. Without network control, satellite uplink operations cannot occur.

Accordingly, compliance with §25.138 is satisfied through NTN network-controlled architecture and operational safeguards rather than through independent satellite transmission capability.

5. Part 25 SCS Cross-Reference Matrix

Table 5-1: Part 25 SCS Cross-Reference Matrix

47 CFR Rule	Requirement	LTE Report Sections
§25.202(f)	Emission designator and occupied bandwidth	Section 3.4; Appendix A
§25.204	Transmit power, EIRP, PSD	Section 3.2; Appendix A
§25.209	Out-of-band emissions	Section 3.5; Appendix A
§25.216	Spurious emissions	Section 3.6; Section 4.2; Appendix B
§25.138	SCS operational constraints	Operational compliance statement

6. Conclusion

The requested FCC Part 25 Supplemental Coverage from Space designation supports operation using LTE bands certified under the device's FCC Grant of Equipment Authorization when operating under the control of an FCC-authorized Non-Terrestrial Network system. The current implementation utilizes LTE Band 25; however, the technical conclusions of this report apply to any LTE band included in the device's FCC authorization that operates within the same previously evaluated RF parameters.

Operation under Supplemental Coverage from Space does not modify the transmitter hardware, RF architecture, antenna configuration, maximum conducted output power, emission mask, modulation characteristics, or occupied bandwidth relative to those evaluated under the original FCC certification. Accordingly, SCS operation does not introduce new RF compliance conditions beyond those previously evaluated.

All applicable technical requirements of 47 CFR §§25.202(f), 25.204, 25.209, 25.216, 25.138, and 25.129(c) are satisfied through cross-referenced compliance data contained in FCC Radio Test Report No. FG242018B and related LTE certification reports are included in Appendix B.

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Client: L3Harris Technologies, Inc.
Model: XL-200P
FCC ID: OWDTR-0179-E
Standard: FCC Part. 25
Report #: 2025003SCS

Appendix A: 371817_Sierra_EM7595_Spot Check Evaluation_for FCC

Report follows



SPOT CHECK EVALUATION

FCC ID : N7NEM75Y
Equipment : Radio Module
Brand Name : AirPrime
Model Name : EM7595
Applicant : Sierra Wireless, ULC
13811 Wireless Way, Richmond, BC V6V 3A4 Canada
Manufacturer : Sierra Wireless, ULC
13811 Wireless Way, Richmond, BC V6V 3A4 Canada
Standard : 47 CFR Part 2, 22(H), 24(E), 27, 90(R), 90(S), 96

The product was received on Aug. 09, 2023 and testing was performed from Aug. 10, 2023 to Aug. 17, 2023. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this spot check report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



Table of Contents

History of this test report.....3

1. Introduction Section4

2. Model Difference Information5

3. Spot Check Verification Data Section6

4. Reference detail Section8

5. List of Measuring Equipment.....9

Appendix A. Setup Photographs



History of this test report

Version	Description	Issue Date
01	Initial issue of report	Sep. 04, 2023



1. Introduction Section

FCC ID: N7NEM75T and FCC ID: N7NEM75Y (variant model) use the same identical internal printed circuit board layouts, and based on their similarity, spot check and data referencing for the FCC Part 22, 24, 27, 90, 96 (equipment class: PCB, CBE) has been used following FCC KDB 484596 D01 v01. The spot check data in this report is used to justify the data reuse.

The applicant should take full responsibility that the test data as referenced in this report represent compliance for this FCC ID (FCC ID: N7NEM75Y).



2. Model Difference Information

N7NEM75T and N7NEM75Y use the identical internal printed circuit board layout, and the major differences which may relate to RF are listed below:

EM7595 which is a Cat 12 variant of EM7590:

- HW is 100% identical.
- FW is using a new baseline that supports Cat 12.
- For the category change to added 3CA combos in downlink.
- There is no impact on powers and RF characteristic for FW category change.

The detail of similarity and difference is illustrated in the operational description. Based on the information, spot check of conducted power and emission level was performed and presented in this report to justify the data referencing.



3. Spot Check Verification Data Section

Conducted power test and radiated spurious emission test configurations were selected from the worst cases identified in the parent model and tested to demonstrate the test data from original model remains representative for the variant model.

Summary for Power and RSE spot check for each reference report is listed as below:

Test Item	Mode	N7NEM75T Parent Worst Result	N7NEM75Y Variant Check Result	Difference (dB)
Conducted Power (dBm)	WWAN WCDMA Band 2	23.28	23.64	0.36
	WWAN WCDMA Band 4	23.66	23.99	0.33
	WWAN WCDMA Band 5	23.33	23.90	0.57
	WWAN LTE Band 2	23.62	23.75	0.13
	WWAN LTE Band 4	23.80	23.80	0.00
	WWAN LTE Band 5	23.77	23.95	0.18
	WWAN LTE Band 7	23.98	23.97	-0.01
	WWAN LTE Band 12	23.36	23.82	0.46
	WWAN LTE Band 13	23.44	23.95	0.51
	WWAN LTE Band 14	23.44	23.81	0.37
	WWAN LTE Band 25	23.63	23.82	0.19
	WWAN LTE Band 26	23.88	23.90	0.02
	WWAN LTE Band 41	23.32	23.86	0.54
	WWAN LTE Band 48	22.88	22.75	-0.13
	WWAN LTE Band 66	23.93	23.92	-0.01
	WWAN LTE Band 71	23.45	23.65	0.20
	WWAN LTE CA 5B	23.92	23.05	-0.87
	WWAN LTE CA 7C	23.98	23.40	-0.58
	WWAN LTE CA 41C	23.86	23.98	0.12
	WWAN LTE CA 48C	22.64	22.65	0.01
Radiated Spurious Emission (dBm)	WWAN WCDMA Band 5	-49.83	-49.59	0.24
	WWAN LTE Band 13	-64.17	-63.33	0.84
	WWAN LTE Band 14	-63.44	-63.01	0.43
	WWAN LTE CA 41C	-48.46	-47.18	1.28
	WWAN LTE Band 48	-41.57	-46.20	-4.63

**Conclusion:**

Radiated spurious emission test against the variant model based on the worst-case condition from the original model was performed in this filing to demonstrate the test data from original model remains representative for the variant model.

The spot check emission level is not degraded more than 3dB, and the emission level is compliant, data referencing is justified according to the guidance in the KDB inquiry.



4. Reference detail Section

Rule Part	Equipment Class	Wireless Technology	Frequency Band (MHz)	Reference FCC ID (Parent)	Type Grant/ Permissive Change	Reference Title	FCC ID Filling (Variant)
22, 24, 27, 90, 96	PCB	WCDMA	2/4/5	N7NEM75T	Original Grant	FG242018A	N7NEM75Y
	CBE	LTE	2/4/5/7/12/13/14/25/ 26/41/48/66/71 ULCA 5B/7C/41C/48C	N7NEM75T	Original Grant	FG242018B FG242018C FG242018D FG242018E FG242018F	N7NEM75Y



5. List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 23, 2023	Aug. 11, 2023~ Aug. 14, 2023	Apr. 22, 2024	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 01, 2022	Aug. 11, 2023~ Aug. 14, 2023	Nov. 30, 2023	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Feb. 28, 2023	Aug. 11, 2023~ Aug. 14, 2023	Feb. 27, 2024	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 20, 2023	Aug. 11, 2023~ Aug. 14, 2023	Apr. 19, 2024	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 03, 2022	Aug. 11, 2023~ Aug. 14, 2023	Oct. 02, 2023	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Mar. 24, 2023	Aug. 11, 2023~ Aug. 14, 2023	Mar. 23, 2024	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Jul. 25, 2023	Aug. 11, 2023~ Aug. 14, 2023	Jul. 24, 2024	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Mar. 28, 2023	Aug. 11, 2023~ Aug. 14, 2023	Mar. 27, 2024	Radiation (03CH07-HY)
Filter	Microwave	H1G013G1	SN477215	1GHz High Pass Filter	Oct. 29, 2022	Aug. 11, 2023~ Aug. 14, 2023	Oct. 28, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682/4	30MHz to 18GHz	Feb. 22, 2023	Aug. 11, 2023~ Aug. 14, 2023	Feb. 21, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971/4	9kHz to 18GHz	Feb. 22, 2023	Aug. 11, 2023~ Aug. 14, 2023	Feb. 21, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4	9kHz to 18GHz	Feb. 22, 2023	Aug. 11, 2023~ Aug. 14, 2023	Feb. 21, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 16, 2022	Aug. 11, 2023~ Aug. 14, 2023	Sep. 15, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 22, 2023	Aug. 11, 2023~ Aug. 14, 2023	Feb. 21, 2024	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 20, 2023	Aug. 11, 2023~ Aug. 14, 2023	Apr. 19, 2024	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Aug. 11, 2023~ Aug. 14, 2023	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Aug. 11, 2023~ Aug. 14, 2023	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Aug. 11, 2023~ Aug. 14, 2023	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Aug. 11, 2023~ Aug. 14, 2023	N/A	Radiation (03CH07-HY)
Attenuator	HONOVA	5910 SMA-50-005-1 9-NE	ATT-36	N/A	Oct. 29, 2022	Aug. 11, 2023~ Aug. 14, 2023	Oct. 28, 2023	Radiation (03CH07-HY)
Software	Audix	E3	N/A	N/A	N/A	Aug. 11, 2023~ Aug. 14, 2023	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Mar. 14, 2023	Aug. 11, 2023~ Aug. 14, 2023	Mar. 13, 2024	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz~40GHz	Nov. 24, 2022	Aug. 11, 2023~ Aug. 14, 2023	Nov. 23, 2023	Radiation (03CH07-HY)
Signal Generator	Rohde & Schwarz	SMF100A	101107	100kHz~40GHz	Jan. 11, 2023	Aug. 11, 2023~ Aug. 14, 2023	Jan. 10, 2024	Radiation (03CH07-HY)
Horn Antenna	ESCO	3117	00066584	1GHz~18GHz	Dec. 13, 2022	Aug. 11, 2023~ Aug. 14, 2023	Dec. 12, 2023	Radiation (03CH07-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 20, 2022	Aug. 16, 2023~ Aug. 17, 2023	Sep. 19, 2023	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	37059 & 01	30MHz~1GHz	Nov. 10, 2022	Aug. 16, 2023~ Aug. 17, 2023	Nov. 09, 2023	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1328	1GHz~18GHz	Dec. 15, 2022	Aug. 16, 2023~ Aug. 17, 2023	Dec. 14, 2023	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 30, 2023	Aug. 16, 2023~ Aug. 17, 2023	Jun. 29, 2024	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	00993	18GHz~40GHz	Nov. 24, 2022	Aug. 16, 2023~ Aug. 17, 2023	Nov. 23, 2023	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	00994	18GHz~40GHz	Nov. 04, 2022	Aug. 16, 2023~ Aug. 17, 2023	Nov. 03, 2023	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 03, 2022	Aug. 16, 2023~ Aug. 17, 2023	Oct. 02, 2023	Radiation (03CH12-HY)
Preamplifier	Agilent	8449B	3008A02375	1GHz~26.5GHz	May 23, 2023	Aug. 16, 2023~ Aug. 17, 2023	May 22, 2024	Radiation (03CH12-HY)
Preamplifier	E-INSTRUME NT TECH LTD.	ERA-100M-18 G-56-01-A70	EC1900249	1GHz-18GHz	Dec. 21, 2022	Aug. 16, 2023~ Aug. 17, 2023	Dec. 20, 2023	Radiation (03CH12-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 07, 2022	Aug. 16, 2023~ Aug. 17, 2023	Dec. 06, 2023	Radiation (03CH12-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Jan. 10, 2023	Aug. 16, 2023~ Aug. 17, 2023	Jan. 09, 2024	Radiation (03CH12-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40ST	SN2	6.75GHz High Pass Filter	Mar. 14, 2023	Aug. 16, 2023~ Aug. 17, 2023	Mar. 13, 2024	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 07, 2023	Aug. 16, 2023~ Aug. 17, 2023	Mar. 06, 2024	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0058/126E	30MHz~18GHz	Dec. 20, 2022	Aug. 16, 2023~ Aug. 17, 2023	Dec. 19, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Dec. 20, 2022	Aug. 16, 2023~ Aug. 17, 2023	Dec. 19, 2023	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803953/2	30MHz~40GHz	Dec. 20, 2022	Aug. 16, 2023~ Aug. 17, 2023	Dec. 19, 2023	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Aug. 16, 2023~ Aug. 17, 2023	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Aug. 16, 2023~ Aug. 17, 2023	N/A	Radiation (03CH12-HY)
Software	Audix	E3 6.2009-8-24	RK-000989	N/A	N/A	Aug. 16, 2023~ Aug. 17, 2023	N/A	Radiation (03CH12-HY)
Signal Generator	Rohde & Schwarz	SMF100A	101107	100kHz~40GHz	Jan. 11, 2023	Aug. 16, 2023~ Aug. 17, 2023	Jan. 10, 2024	Radiation (03CH12-HY)
Radio Communicatio n Analyzer	Anritsu	MT8821C	6262025353	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 13, 2022	Aug. 10, 2023~ Aug. 17, 2023	Oct. 12, 2023	Conducted (TH03-HY)
Base Station	Rohde & Schwarz	CMU200	117995	GSM / GPRS / WCDMA / CDMA	Aug. 06, 2023	Aug. 10, 2023~ Aug. 17, 2023	Aug. 05, 2024	Conducted (TH03-HY)
Hygrometer	Testo	608-H11	34893240	NA	Nov. 17, 2022	Aug. 10, 2023~ Aug. 17, 2023	Nov. 16, 2023	Conducted (TH03-HY)

Appendix A. Setup Photographs

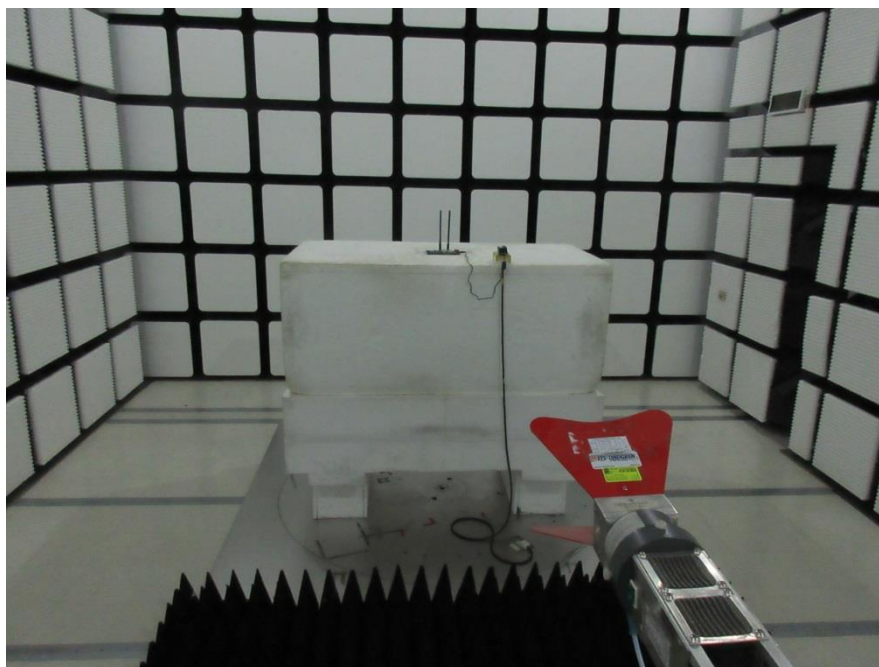
<Radiated Emission>

Ant. Vertical for WCDMA Band 5

LF



HF



<Radiated Emission>

Ant. Horizontal for LTE Band 13, 14, 41C_CA

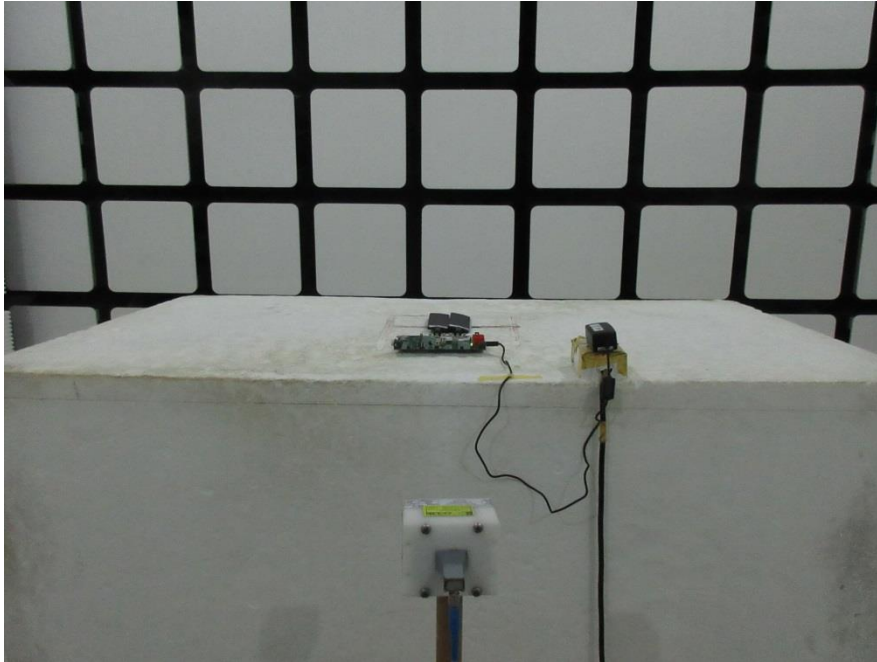
LF



HF



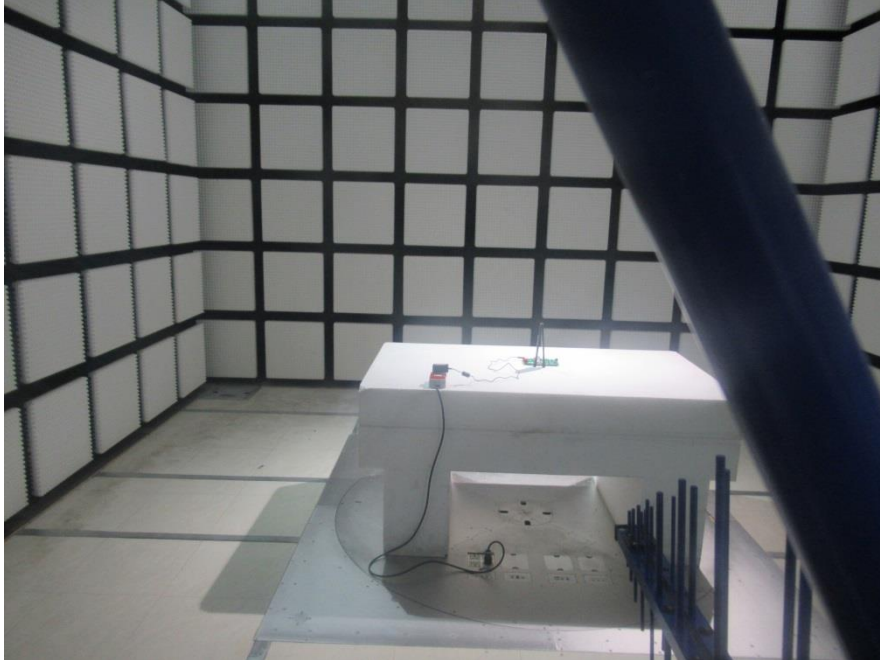
SHF



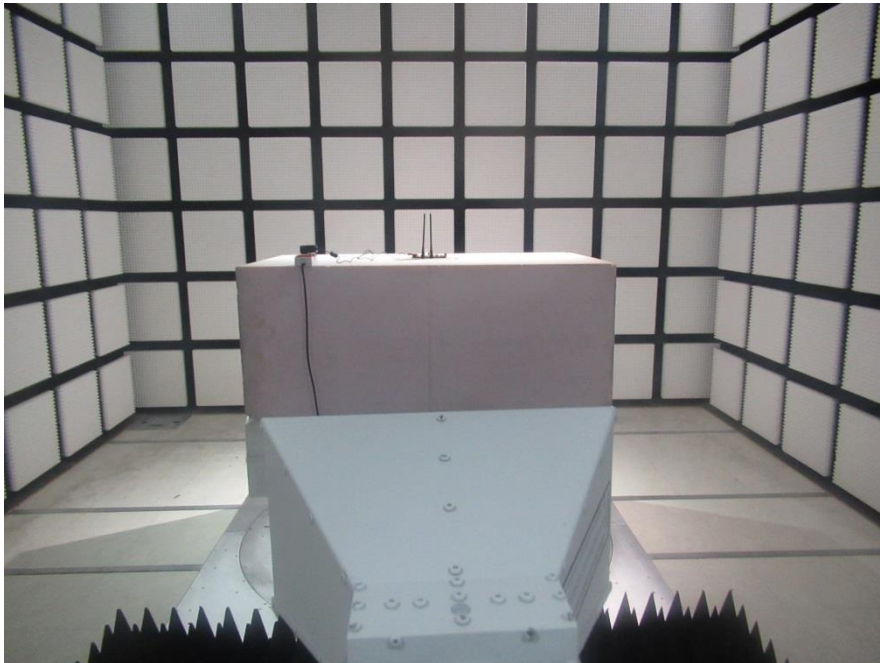
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Ant. Vertical for LTE Band 48

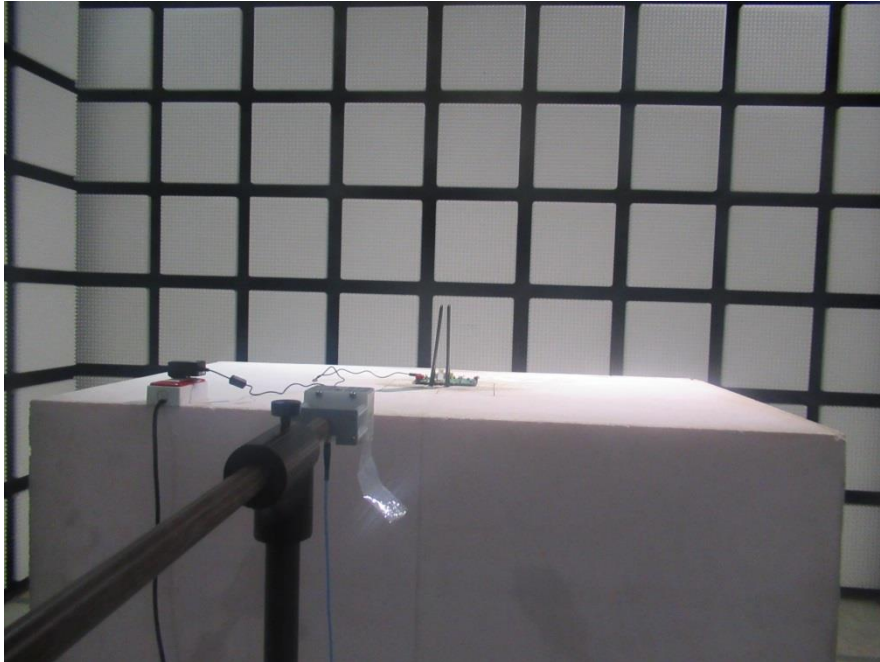
LF



HF



SHF



————THE END————

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Client: L3Harris Technologies, Inc.
Model: XL-200P
FCC ID: OWDTR-0179-E
Standard: FCC Part. 25
Report #: 2025003SCS

Appendix B: LTE Report FCC Radio Test Report No. FG242018B (Sporton, August 09, 2022)

Due to file size restrictions, the referenced Report No. FG242018B is provided in 4 .pdf separate files, Sierra Wireless EM7590 FCC Test Report Pt1 – Sierra Wireless EM7590 FCC Test Report Pt4.