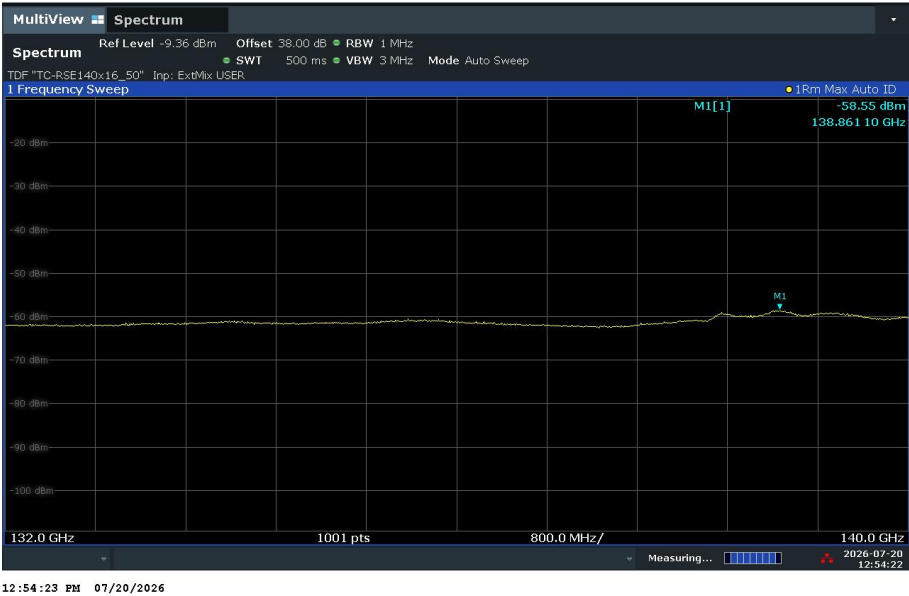
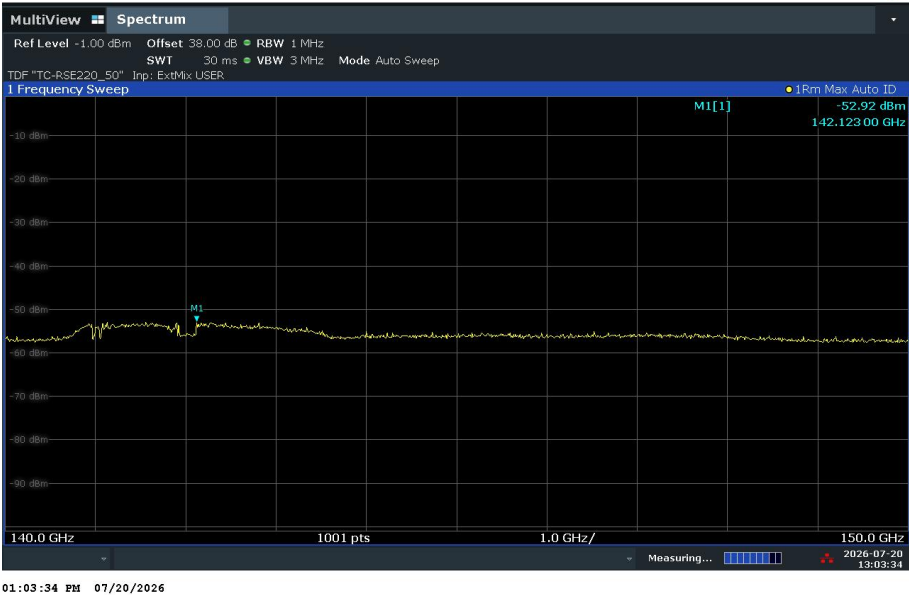






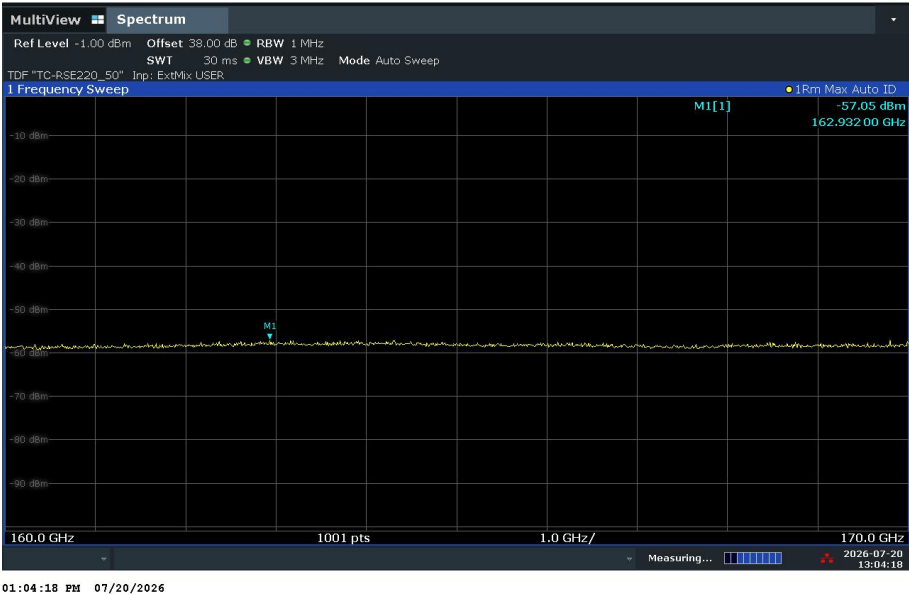
140GHz-150GHz



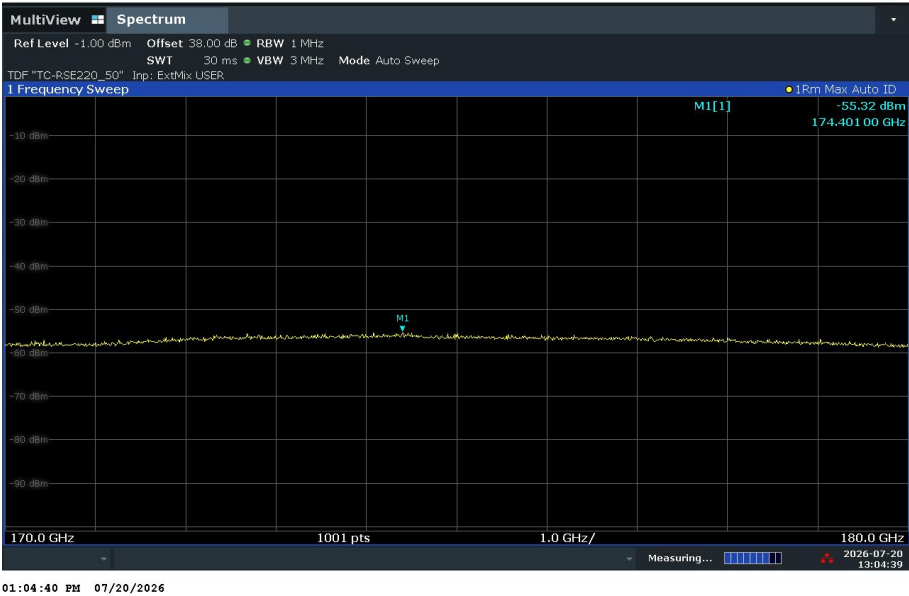
150GHz-160GHz



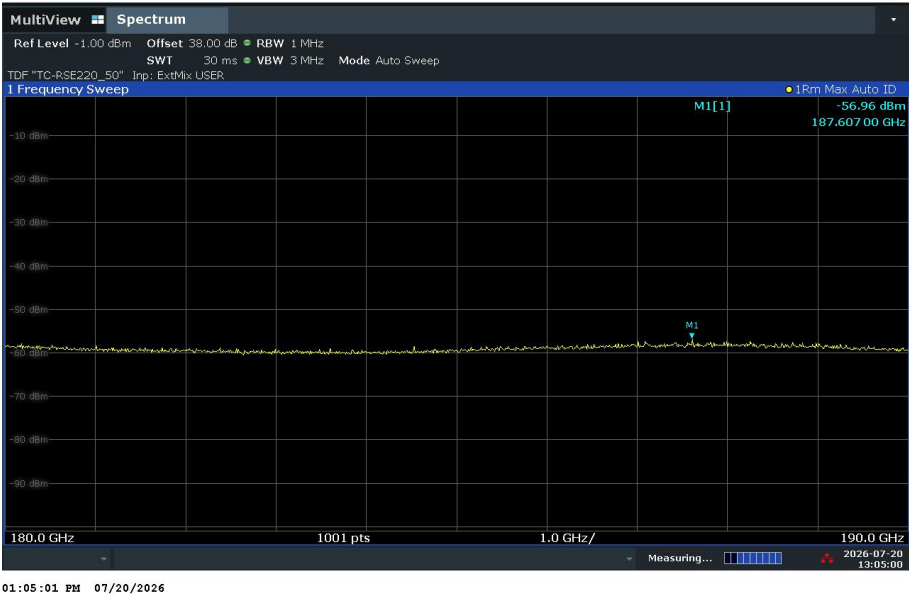
160GHz-170GHz



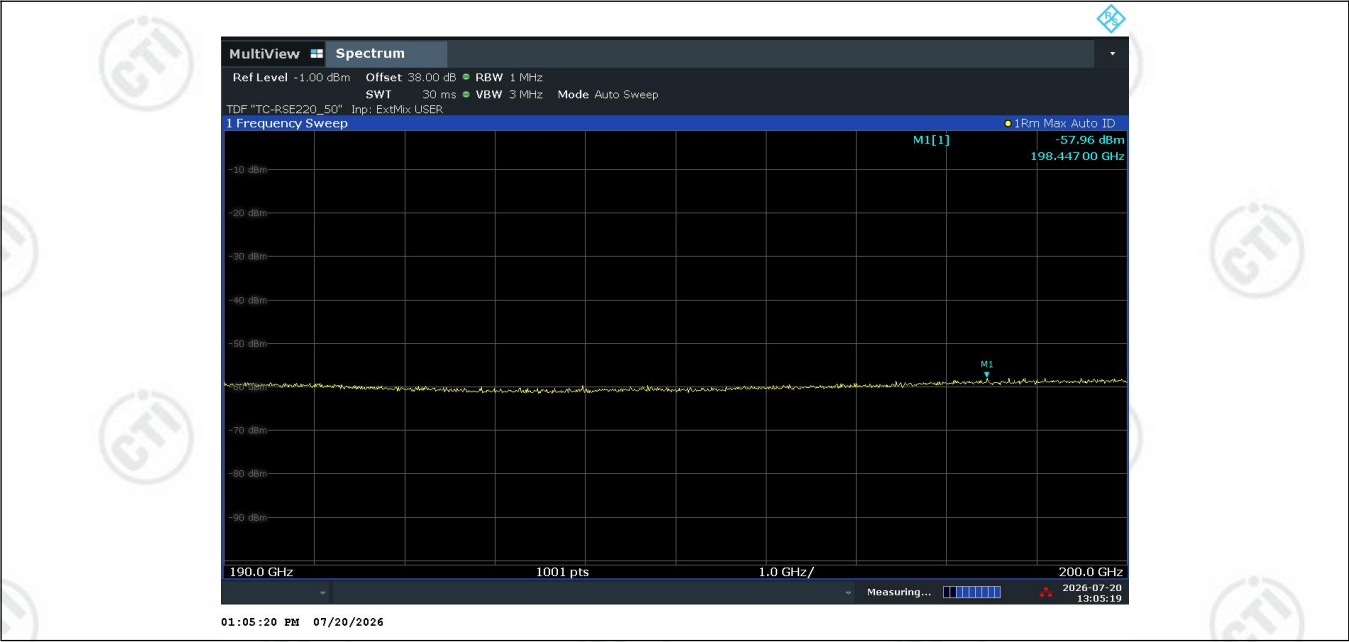
170GHz-180GHz



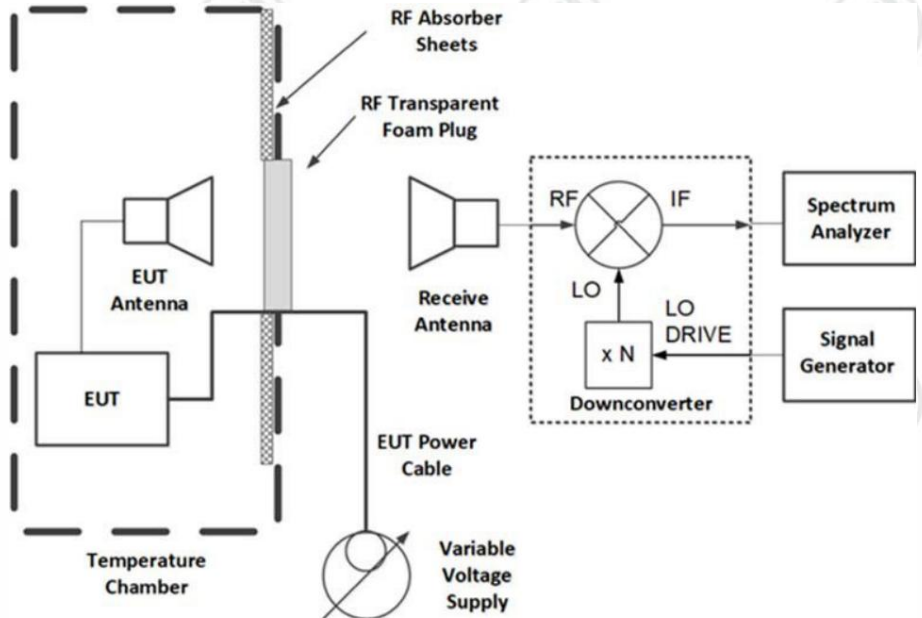
180GHz-190GHz



190GHz-200GHz



5.8 Frequency stability

Test Requirement:	47 CFR FCC Part 15C §15.255(f)
Test Method:	ANSI C63.10:2020
Limit:	Fundamental emissions must be contained within the frequency bands specified in this section during all conditions of operation.
Test Setup:	 Figure 23—Example of a frequency stability setup configuration
Test Procedure:	The carrier frequency of the transmitter is measured at room temperature. (20°C to provide a reference) At 10°C intervals of temperatures between -30°C and +50°C at the manufacturer's rated supply voltage, and At +20°C temperature and ±15% supply voltage variations. If a product is specified to operate over a range of input voltage then the -15% variation is applied to the lowermost voltage and the +15% is applied to the uppermost voltage. Measurement data showing variation in transmitter output frequency from a cold start and the elapsed time necessary for the frequency to stabilize within the applicable tolerance. Tests shall be made after temperature stabilization at each of the ambient temperature levels; the lower temperature limit, 0°C and + 30°C with no primary power applied. Beginning at each temperature level , the frequency shall be measured within one minute after application of primary power to the transmitter and at intervals of no more than one minute thereafter until ten minutes have elapsed or until sufficient measurements are obtained to indicate clearly that the frequency has stabilized within the applicable tolerance, whichever time period is greater. During each test, the ambient temperature shall not be allowed to rise more than 10°C above the respective beginning ambient temperature level.
Test Mode:	TX mode_Make EUT continuously emit radar signals.

Test data:

Voltage (%)	Power (V/DC)	Temperature (°C)	Frequency Left (GHz)	Frequency Right (GHz)	Limit (GHz)	Result
100	3.700	-20	60.62308	61.91299	57 to 71	Pass
		-10	60.62308	61.91298	57 to 71	Pass
		0	60.62309	61.91306	57 to 71	Pass
		+10	60.62333	61.91242	57 to 71	Pass
		+20	60.62325	61.91246	57 to 71	Pass
		+30	60.62299	61.91196	57 to 71	Pass
		+40	60.62312	61.91261	57 to 71	Pass
		+50	60.62320	61.91274	57 to 71	Pass
115	4.255	+20	60.62328	61.91247	57 to 71	Pass
85	3.145	+20	60.62336	61.91240	57 to 71	Pass

Note:The extreme voltage and extreme temperature is specified by the manufacturer.

6 PHOTOGRAPHS OF TEST SETUP

Please refer to the EED32S812285 Appendix:Test set up photos.

7 PHOTOGRAPHS OF EUT Constructional Details

Please refer to the EED32S812285 Appendix:External Photos and EED32S812285 Appendix:Internal Photos.

Statement

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule stated in ILAC-G8:09/2019/CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full;

*** End of Report ***