

3.2 RADIATION HAZARD MEASUREMENT

3.2.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Broadband Horn Antenna	Schwarzbeck	BBHA 9120D	9120D-1817	Mar. 03, 2024
2	MXE EMI Receiver	Keysight	N9038A	MY56400088	Mar. 17, 2024
3	Dynamometer	HIOKI	PW3198	160527667	Mar. 15, 2024
4	Thermometer	SS	TP101	N/A	Jan. 03, 2025
5	Microwave leakage tester	ETS	HI-1710	S81-070-DA	Sep. 26, 2024

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

3.2.2 RADIATION HAZARD MEASUREMENT FOR MICROWAVE

Test Procedure	The EUT was set up according to the FCC MP-5 and FCC Part 18 for Radiation Hazard Measurement. The measurement was using a microwave leakage meter to measure the Radiation leakage in the as-received condition with the oven door closed A 275ml water load in a beaker was located in the center of the oven and the Microwave oven was set to maximum power. While the oven operating, the microwave meter will check the leakage and then record the maximum leakage
Results	There was no microwave leakage exceeding a power level of 0.25 mW/cm² observed at any point 5cm or more from the external surface of the oven. A maximum of 1.0 mW/cm² is allowed in accordance with the applicable FCC standards. Hence, microwave leakage in the as-received condition with the oven door closed was below the maximum allowed.