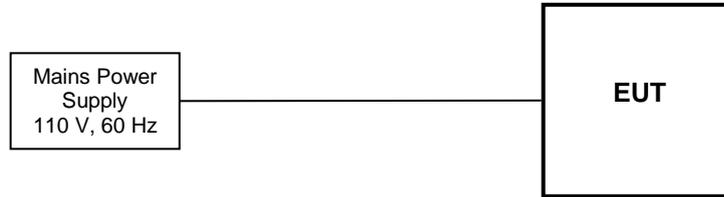


9 EUT Test Setup

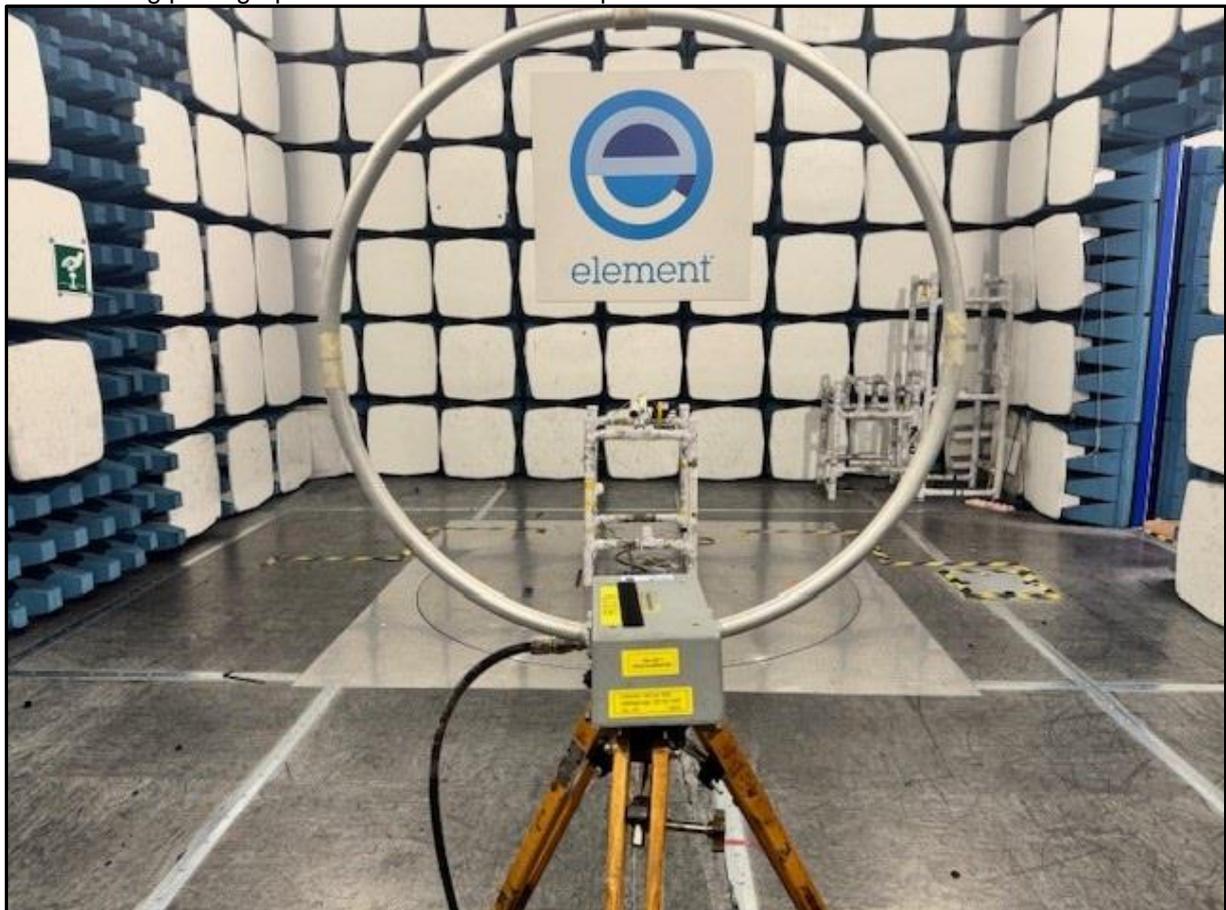
9.1 Block Diagram

The following diagram shows basic EUT interconnections:

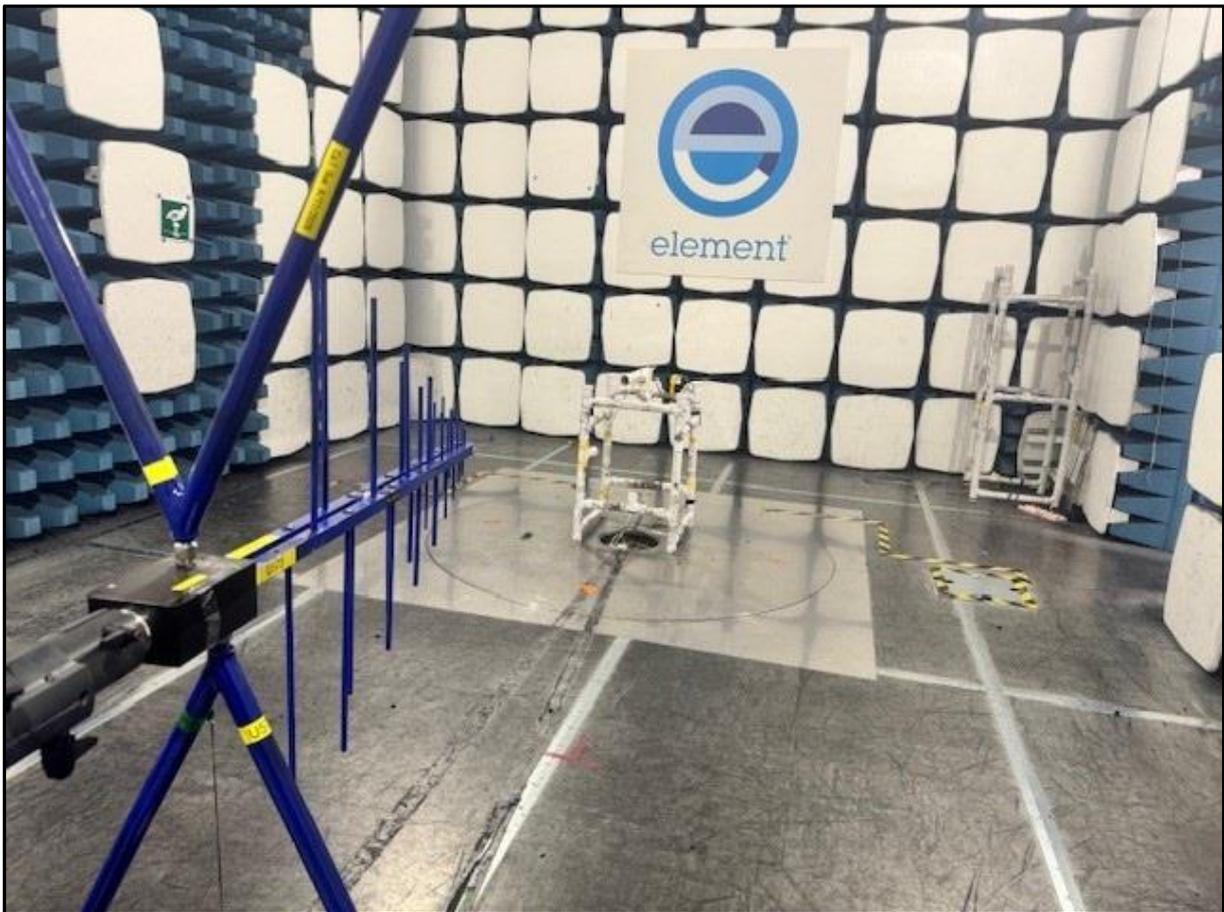


9.2 General Set-up Photographs

The following photographs shows basic EUT set-up:



9 kHz to 30 MHz Setup

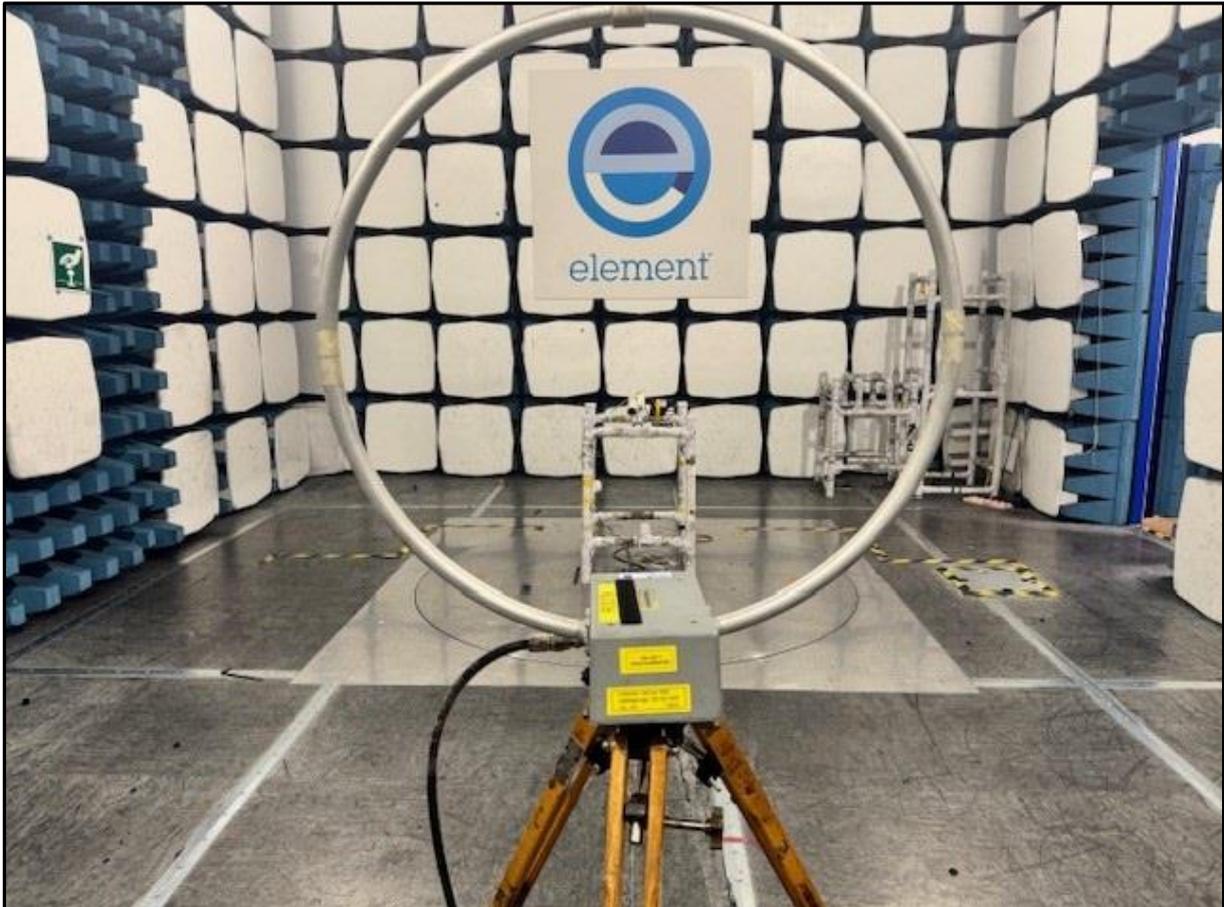


30 MHz to 1 GHz Setup



Above 1 GHz Setup

1.5 Test Set-up Photographs



9 kHz to 30 MHz Setup



30 MHz to 1 GHz Setup



Above 1 GHz Setup

1.6 Test Equipment

Equipment Type	Manufacturer	Equipment Description	Element No	Due For Calibration
Spectrum Analyser	R&S	ESR 7	U727	2025-05-17
Spectrum Analyser	R&S	FSU26	U405	2025-06-07
Active Loop Antenna	EMCO	6502	R0079	2026-01-10
1-18GHz Horn	EMCO	3115	L139	2025-08-21
Pre Amp	Agilent	8449B	L572	2025-11-13
Bilog	Chase	CBL611/B	U573	2025-11-04
PreAmp	Watkins Johnson	6201-69	U372	2025-03-15
Radio Chamber - PP	Rainford EMC	ATS	REF940	2026-01-29
Radiated Test Software	Element	Emissions R5	REF9000	Cal Not Required

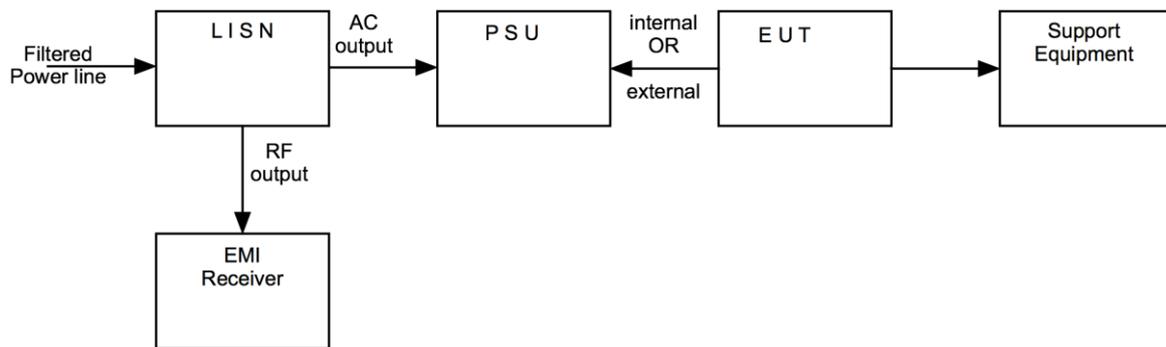
2.4 Test Method

With the EUT setup in a screened room, as per section 9 of this report and connected as per Figure ii, the power line emissions were measured on a spectrum analyzer / EMI receiver.

AC power line conducted emissions from the EUT are checked first by preview scans with peak and average detectors covering both live and neutral lines. A spectrum analyzer is used to determine if any periodic emissions are present.

Formal measurements using the correct detector(s) and bandwidth are made on frequencies identified from the preview scans. Final measurements were performed with EUT set at its maximum duty in transmit and receive modes.

Figure ii Test Setup



2.5 Test Set-up Photograph

