

9.2 General Set-up Photograph

The following photograph shows basic EUT set-up:



9.3 Measurement software

Where applicable, the following software was used to perform measurements contained within this report.

Element Emissions R5 (See Note)
Element Transmitter Bench Test (See Note)
ETS Lindgren EMPower V1.0.4.2

Note:

The version of the Element software used is recorded in the results sheets contained within this report.

11.5 Test Set-up Photograph



11.6 Test Equipment

Equipment Type	Manufacturer	Equipment Description	Element No	Due For Calibration
HL 050	R&S	Log Periodic Antenna	U385	2021-01-16
CBL611/A	Chase	Bilog	U573	2021-09-19
6201-69	Watkins Johnson	PreAmp	U372	2021-02-26
ATS	Rainford EMC	Chamber 1	U387	2021-09-09
ESR26	R&S	EMI Receiver	U489	2020-12-18
8449B	Agilent	Pre Amp	L572	2021-10-19
SN 4478	BSC	2.4G Band Stop Filter	U543	2021-01-22
AFH-07000	Atlantic Microwave	High Pass Filter	U558	2021-01-22
20240-20	Flann	Horn 18-26GHz (&U330)	L300	2022-04-23

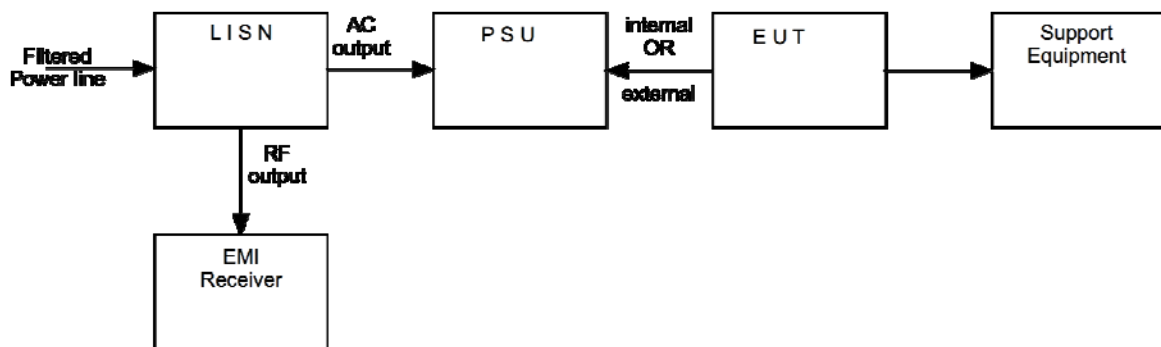
12.4 Test Method

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



12.5 Test Set-up Photograph

