

9 EUT Test Setup

9.1 Block Diagram

The following diagram shows basic EUT interconnections with cable type and cable lengths identified:



9.2 General Set-up Photographs

The following photographs shows basic EUT set-up:



9 kHz to 30 MHz

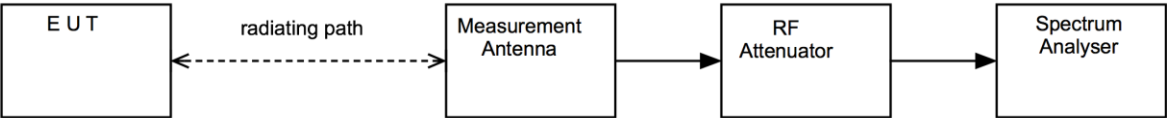


30 MHz to 1 GHz



Photograph of the EUT

Figure i Test Setup



11.5 Test Set-up Photograph



11.6 Test Equipment

<i>Equipment Type</i>	<i>Manufacturer</i>	<i>Equipment Description</i>	<i>Element No</i>	<i>Due For Calibration</i>
EMI Receiver	R&S	ESR26	U489	2025-11-05
Loop Antenna	R&S	hfh2	L007	2025-10-23
Power Supply	ISO-Tech	IPS 303A	U748	Use U764
33XR-A	Amprobe	Multimeter	U764	2025-09-05
Chamber 1	Rainford EMC	ATS	U387	2026-01-24
Radiated Test Software	Element	Emissions R5	REF9000	Cal Not Required

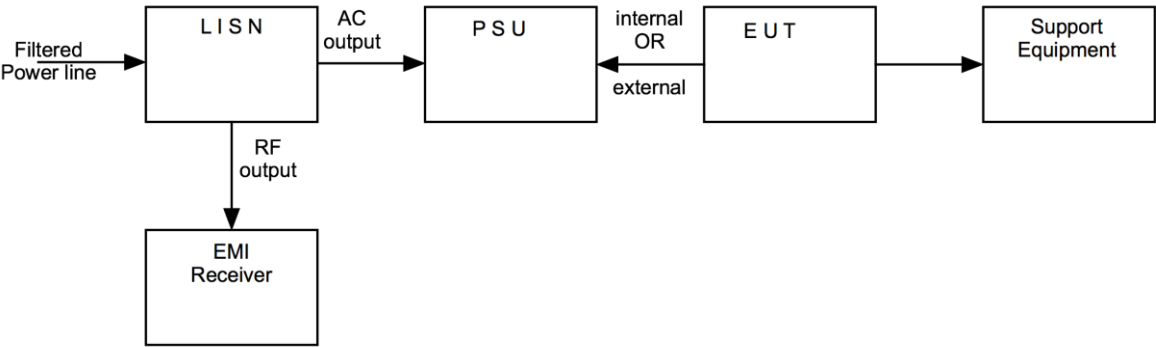
12.5 Test Set-up Photograph



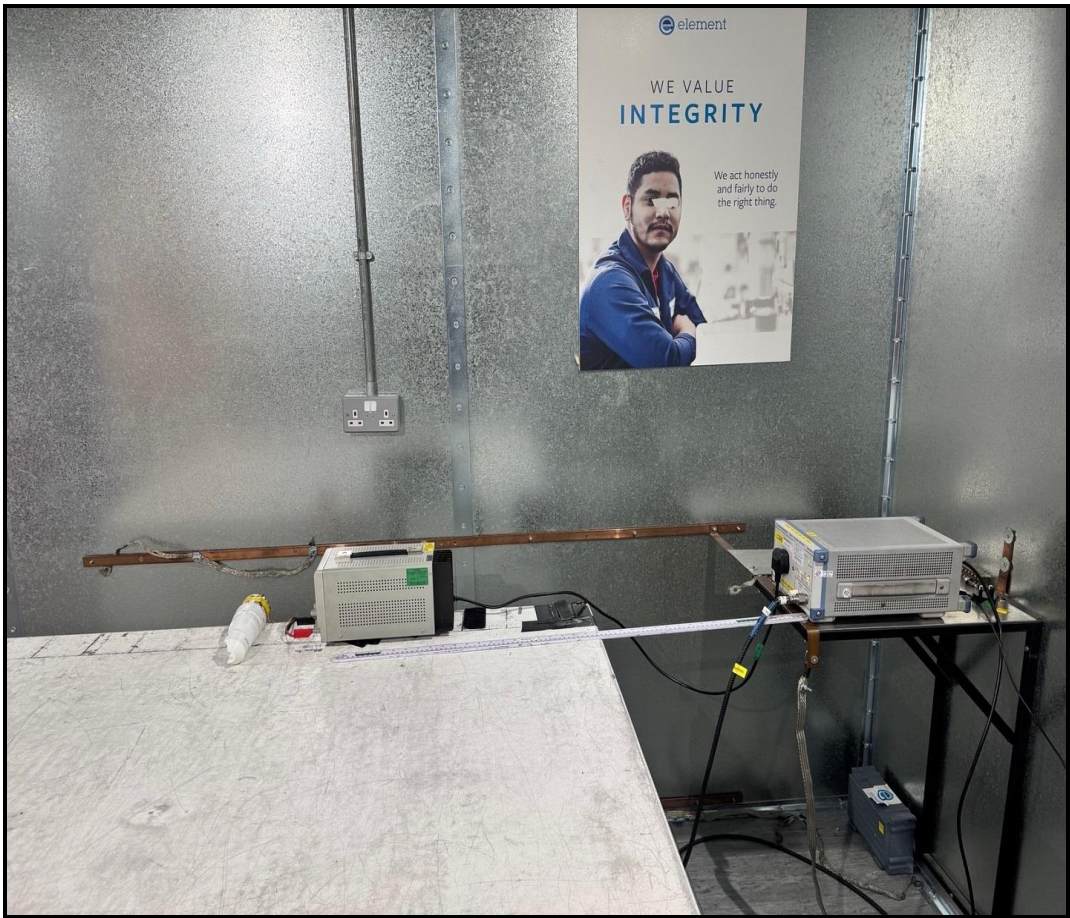
12.6 Test Equipment

Equipment Type	Manufacturer	Equipment Description	Element No	Due For Calibration
EMI Receiver	R&S	ESR26	U489	2025-11-05
Bilog	Chase	CBL611/B	U573	2025-11-04
PreAmp	Watkins Johnson	6201-69	U372	2025-03-15
Power Supply	ISO-Tech	IPS 303A	U748	Use U764
33XR-A	Amprobe	Multimeter	U764	2025-09-05
Chamber 1	Rainford EMC	ATS	U387	2026-01-24
Radiated Test Software	Element	Emissions R5	REF9000	Cal Not Required

Figure iii Test Setup



13.5 Test Set-up Photograph



13.6 Test Equipment

Equipment Type	Manufacturer	Equipment Description	Element No	Due For Calibration
EMI Receiver	R&S	ESR26	U489	2025-11-05
Lisn	R&S	ENV216	U396	2025-05-16
Pulse Limiter	R&S	ESH3-Z2	U443	2025-03-11
Power Supply	ISO-Tech	IPS 303A	U748	Use U764
33XR-A	Amprobe	Multimeter	U764	2025-09-05