

9 EUT Test Setup

9.1 Block Diagram

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



Laptop only used for setup

9.2 General Set-up Photograph

The following photograph shows basic EUT set-up:



11.5 Test Set-up Photograph



11.6 Test Equipment

Equipment Type	Manufacturer	Equipment Description	Element No	Due For Calibration
FSU50	R&S	Spectrum Analyser	U544	27/04/2018
8449B	Agilent	Pre-Amp (1 – 26.5GHz)	REF913	02/02/2018
Cable	Teleydyne	K-Type RF coaxial cable	REF2184	27/03/2018
Cable	Teleydyne	K-Type RF coaxial cable	REF2185	27/03/2018
3115	EMCO	Horn Antenna	RFG129	09/02/2018
310	Sonoma	Pre-Amp (9kHz – 1GHz)	REF927	30/06/2018
Cable	AtlanTec	Short SMA RF Cable	REF2165	09/12/2017
Bandstop filter	Unknown	2.4 GHz ISM bandstop filter	REF2158	Cal before use
3146	EMCO	Log Periodic Antenna	RFG191	17/05/2019
Antenna	Q-Par	Horn Antenna	RFG630	24/11/2017
3109	EMCO	Biconical Antenna	RFG095	17/05/2019
1-18GHz Horn	EMCO	3115	L139	25/09/2019
Spectrum Analyser	R&S	FSU46	U281	19/06/2018
Pre Amp	Agilent	8449B	L572	07/02/2018
2.4G Band Stop Filter	BSC	SN 4478	U543	27/02/2019

12.5 Test Set-up Photograph



12.6 Test Equipment

Equipment Type	Manufacturer	Equipment Description	Element No	Due For Calibration
LISN	R&S	ESH3-Z5	H189	7/8/2018
Pulse Limiter	R&S	ESH3-Z2	H674	6/4/2018
RF Chamber (Line Conducted Site)	Belling Lee	Screen Room 2	H705	N / A
Analyser/Receiver	R&S	ESHS10	RFG125	12/12/2017
Vertical Ground Reference Plane	Element	2.5m x 2m	H737	N / A