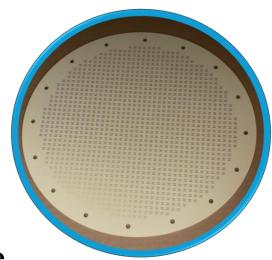


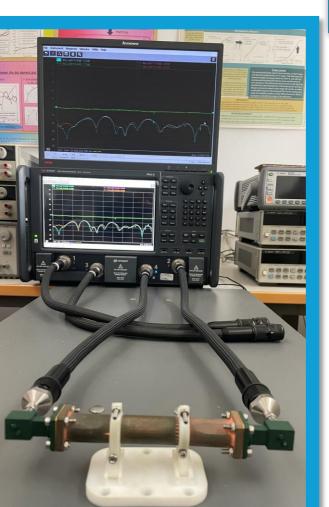


mmiRF

Radiofrequency, Microwave and Millimetre-Wave Lab



Services Portfolio





Contact information



elenaabdo@uma.es



www.mmirf.uma.es



Radiofrequency, Microwave and Millimetre-Wave Lab (mmiRF)



Prototype and measurements

RF, Microwave and Millimetre Wave Lab (mmiRF) has infrastructure for the design, ensemble, manufacturing and characterisation of high-frequency circuits and systems



Prototyping of planar, hybrid circuits and 3D components



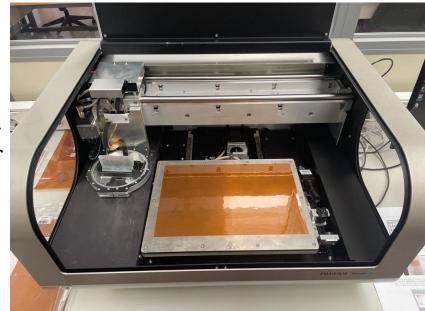


The mmiRF Lab has infrastructure for manufacturing prototypes at RF and microwave frequencies, and its technical staff is trained for its optimal use.



PCB prototyping system. Circuit boards can be fabricated with this mailing machine to 25 GHz is offered.

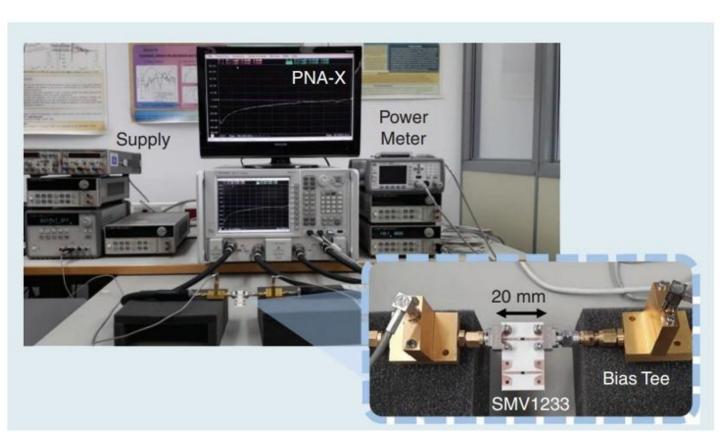
Injection printer FILM Dimatix Materials Printer DMP-2850 allows the use of inks with different properties and performances.



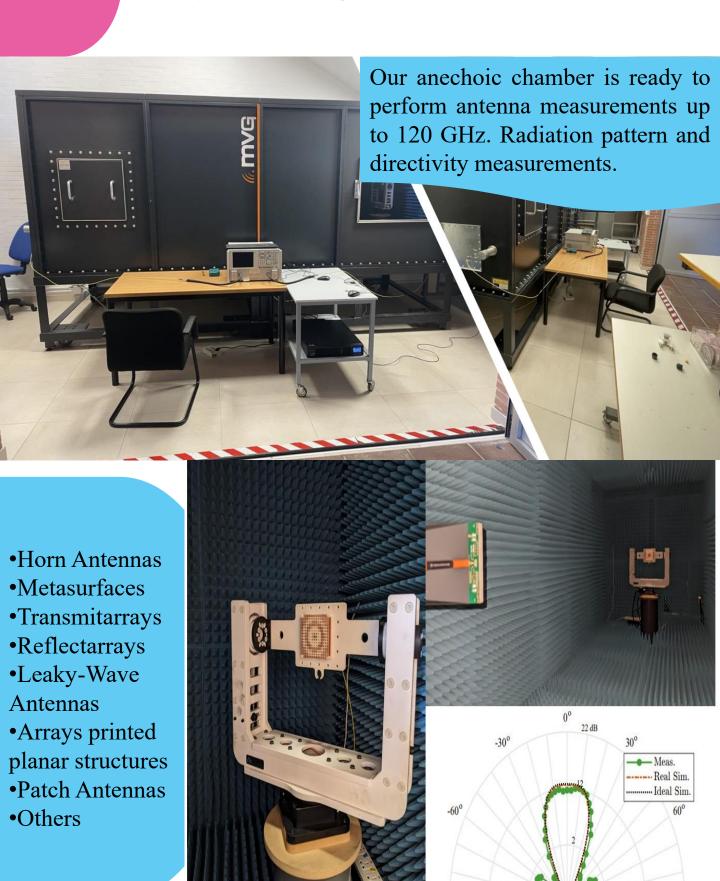
Devices, circuit measurement and characterization



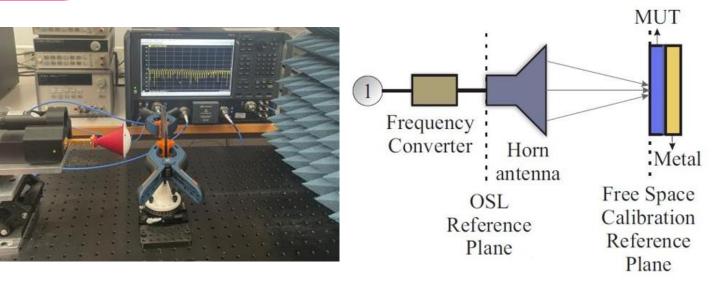
Measurement capabilities of mmiRF Lab reach up to 67 GHz and include, as its main instruments, a 4-port Nonlinear Vector Network Analyser (NVNA), a vector signal generator, a spectrum analyser and a high-performance oscilloscope. All the instruments include remote access interface.



Anechoic Chamber



Materials Characterization



Customised test solutions for electromagnetic characterization of materials like permittivity, permeability and/or conductivity. Our research laboratory has two materials characterization facilities.

