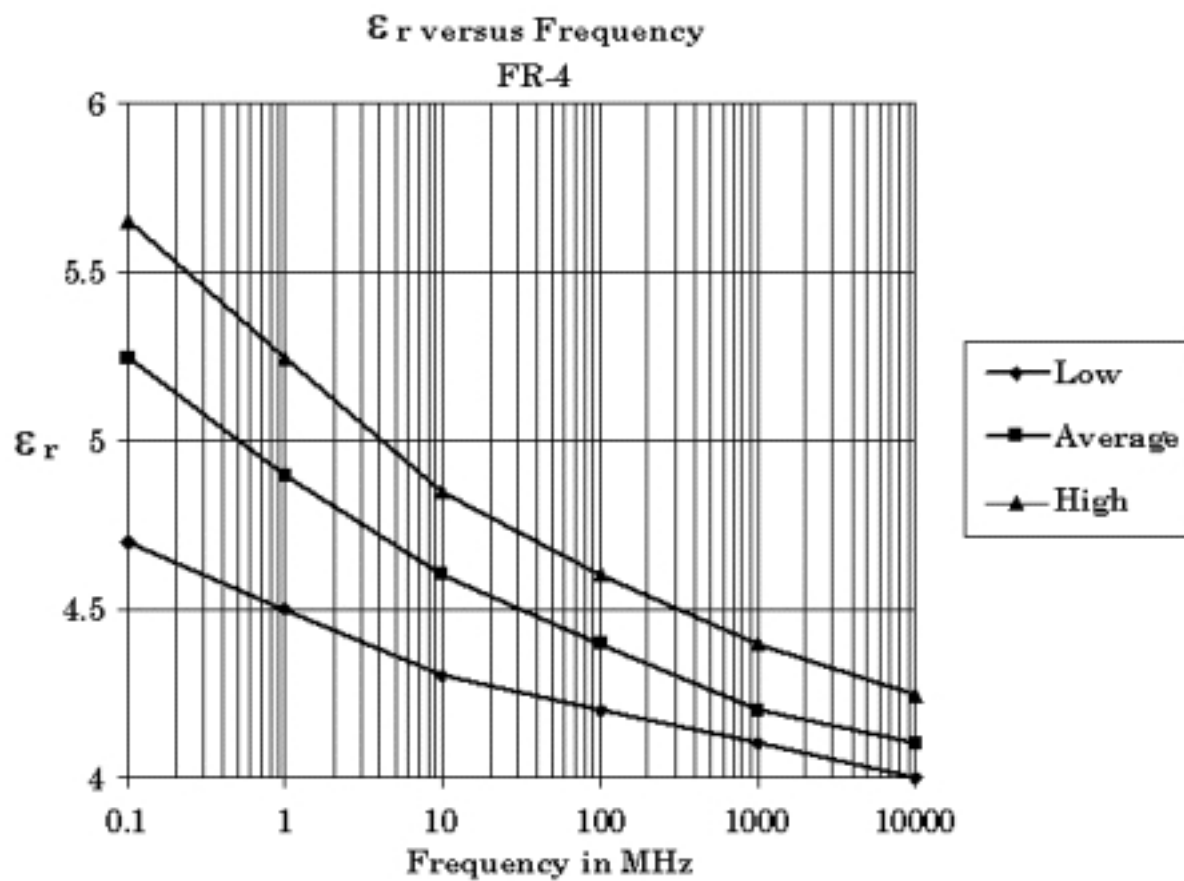


PCBs substrates:

	Thick [mm]	Cooper Er [um]	D €		[mm]	[2015]
FR4		1,6		30		4,4
	1,6		18		4,4	*
	1,0		30		4,4	*
	1		18		4,4	*
	0,8		35		4,4	*
ISOLA		IS680		1,52		35

	0,76	35		3,38	305x460	
ASTRA		1,52	35			3,00
	0,76	35		3,00	305x460	
ROGERS		RO4725JXR	0,78	18		
	1,542	18		2,55	305x457	
RO4360G2		0,813	18			6,15
	1,524	18		6,15	305x457	

*



This space is intended to motivate interest in the area of $\square\square$ RF. We present basic studies, recipes and tutorials. I hope you enjoy ...

Projects open to the community:

1. Java and SQL web application to optimize equipment's utilization.
2. Prototype based on Arduino to: control relay, measure temperature and humidity with Ethernet interface to MatLab control.
3. Prototype dispenser accessories (type of automatic sandwiches machine)
4. Application for transformation video 3D radiation patterns of antennas (MatLab).
5. Performing for Microwave Mini-Anechoic chamber (2 axls).

These projects aimed to improve the conditions of RF Lab.

May be performed by anyvoluntary or suggested as corse project (requires acceptance by an

supervisor Teacher).

The RF Lab will provide the materials and equipment.

For each item the best prototype entitled to a bonus set after the evaluation.

Hand to the work ... ;)

[Medida de Antenas de AGO](#)

[Fotos Antenas de AGO](#)

▯ Basic RF Projects examples Links:

available very soon...

