



Laboratory of Electronics Antennas and Telecommunications



Planar Sleeve Dipole Fabien Ferrero



How to perform an antenna measurement ?

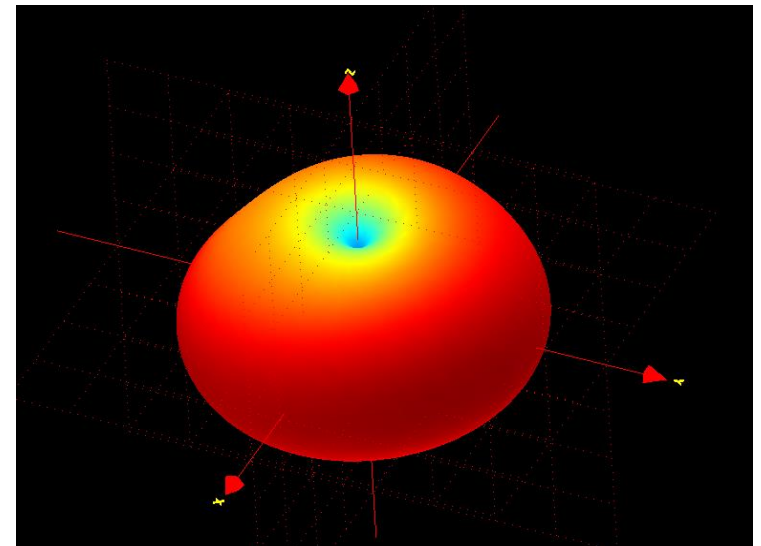


Can I use a low cost reference antenna ?

Can find some open source design or buy is cheap one

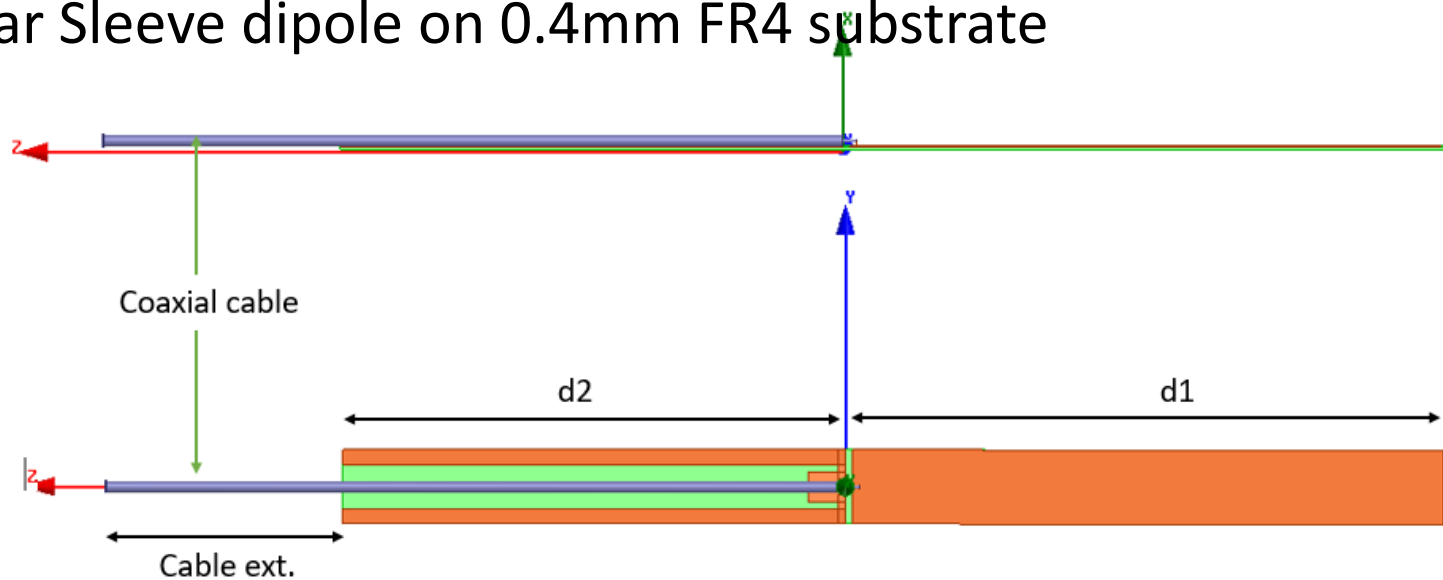
Printed Sleeve dipole with coaxial cable

- Low cost 0.4mm FR4 Epoxy 140x15mm
- Low cost Small coaxial cable
- Integrated Balun for environment robustness
- Omnidirectional pattern
- Gain 2.5dBi
- Measured Efficiency 83%

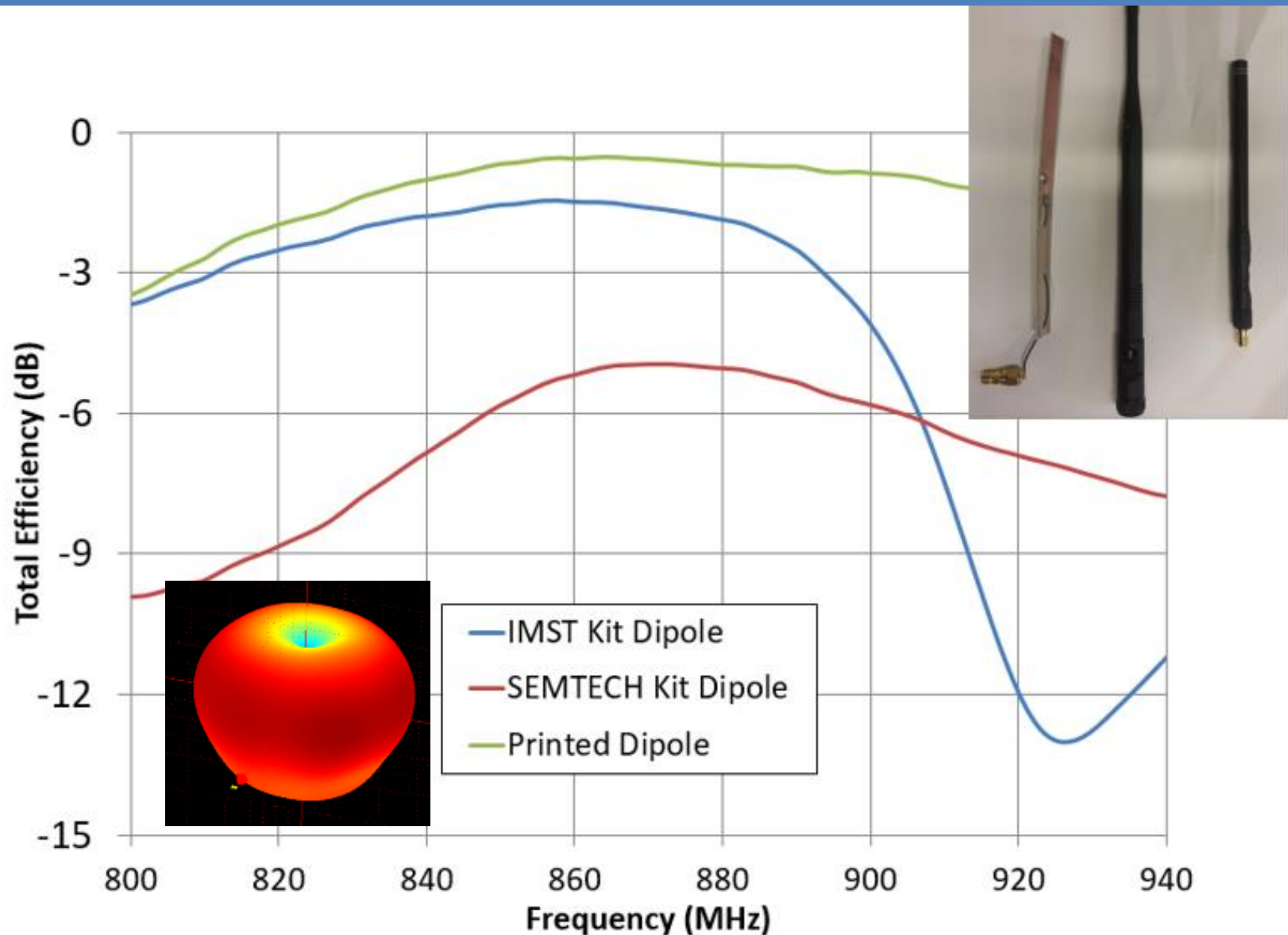


Half-wave dipole Antenna

- Planar Sleeve dipole on 0.4mm FR4 substrate

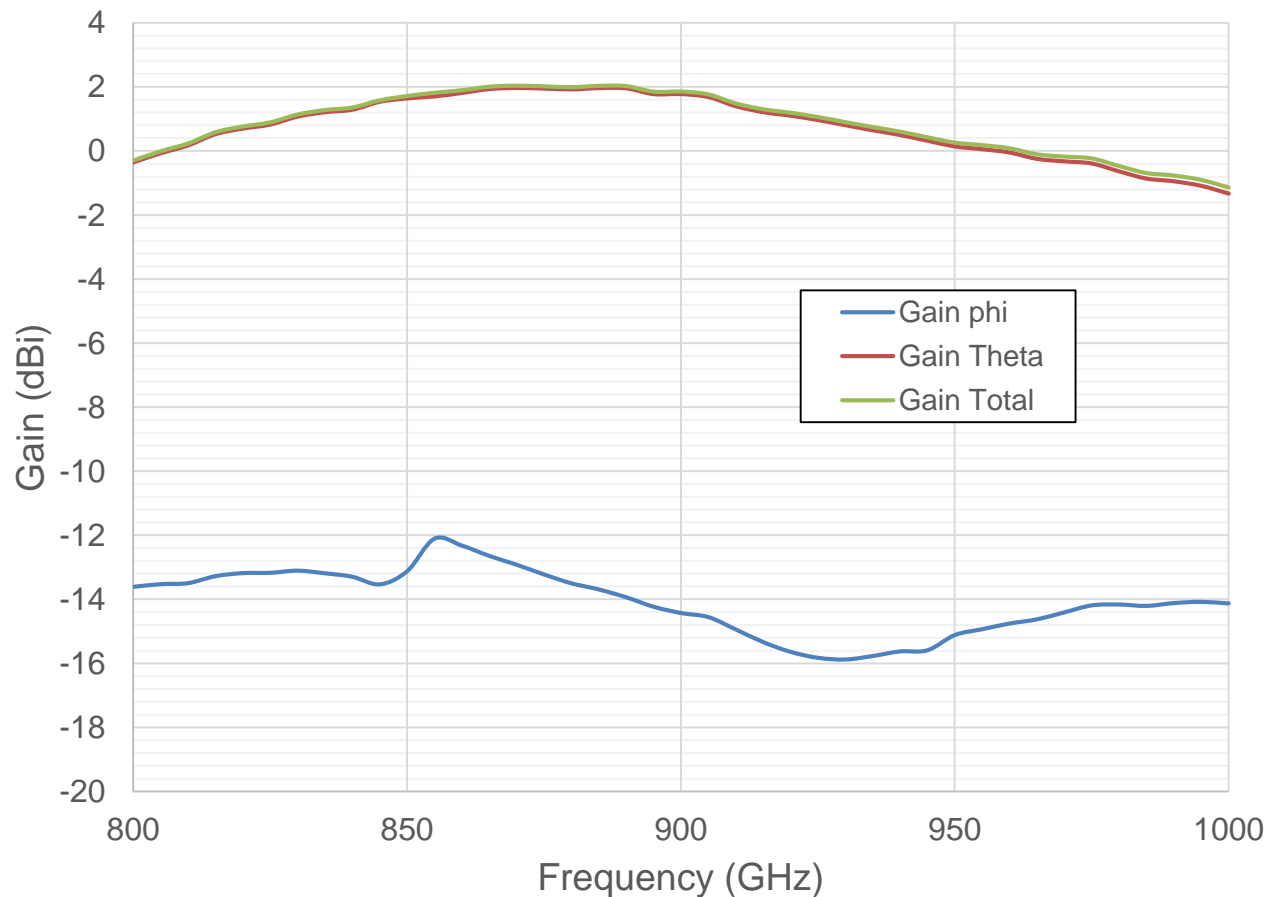


Comparison with on-the-shelf antenna



Printed Sleeve dipole with coaxial cable


- Low cost 0.4mm FR4 Epoxy 140x15mm



Printed Sleeve dipole with coaxial cable

- Don't want to fabricate it ? can just buy it !

https://furiousfpv.com/advanced_search_result.php?keywords=lora

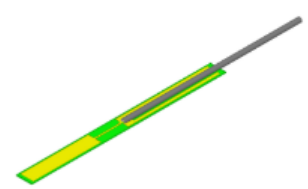


Search this website ...

PRODUCTS DOWNLOAD TUTORIAL VIDEOS ABOUT US DEALERS NEW PRODUCTS MY ACCOUNT CONTACT US SUPPORT 0 ITEMS

Top » Catalog » Advanced Search » Search Results

Products meeting the search criteria



ETA 03/11/2019

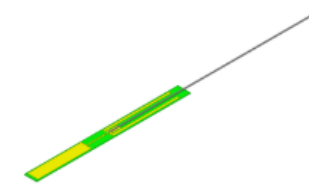
\$10.00

FPV-LORA140-S

FuriousFPV - Reference LoRa Antenna 140mm

ETA 03/11/2019

\$10.00



ETA 03/11/2019

\$10.00

FPV-LORA300-S

FuriousFPV - Reference LoRa Antenna 300mm

ETA 03/11/2019

\$10.00



Laboratory of Electronics Antennas and Telecommunications



fabien.ferrero@unice.fr

leat.unice.fr

