



## 2,4-4,9/5,8 GHz DIPOLE ANTENNA

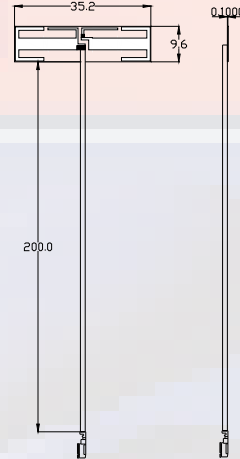
### Part Number 639\_200\_UFL/2

#### Applications

- Networking
- Telemetry

#### Main features

- Wide band
- No need of ground plane
- Adhesive
- Easy to integrate
- Dipole structure
- Flexible on polyimide



#### Main Specifications

Parameter/ Frequency Band	2,4-2,5 GHz	5,1-5,8 GHz
Peak Gain (dBi)	1,4	1,2
Total radiated Efficiency	>58%	>47%
VSWR (*)	<2,0	<2,0
Imp. (Ohm)	50	50
Polarization	Linear	Linear

#### Dimensional data

Parameter	Data
Dimensions	35x9,6 mm
Cable Type	microcoax 1.13
Cable length	200mm
Connector Type	U.FL
Mounting	Adhesive
Substrate	0,1 mm polyimide

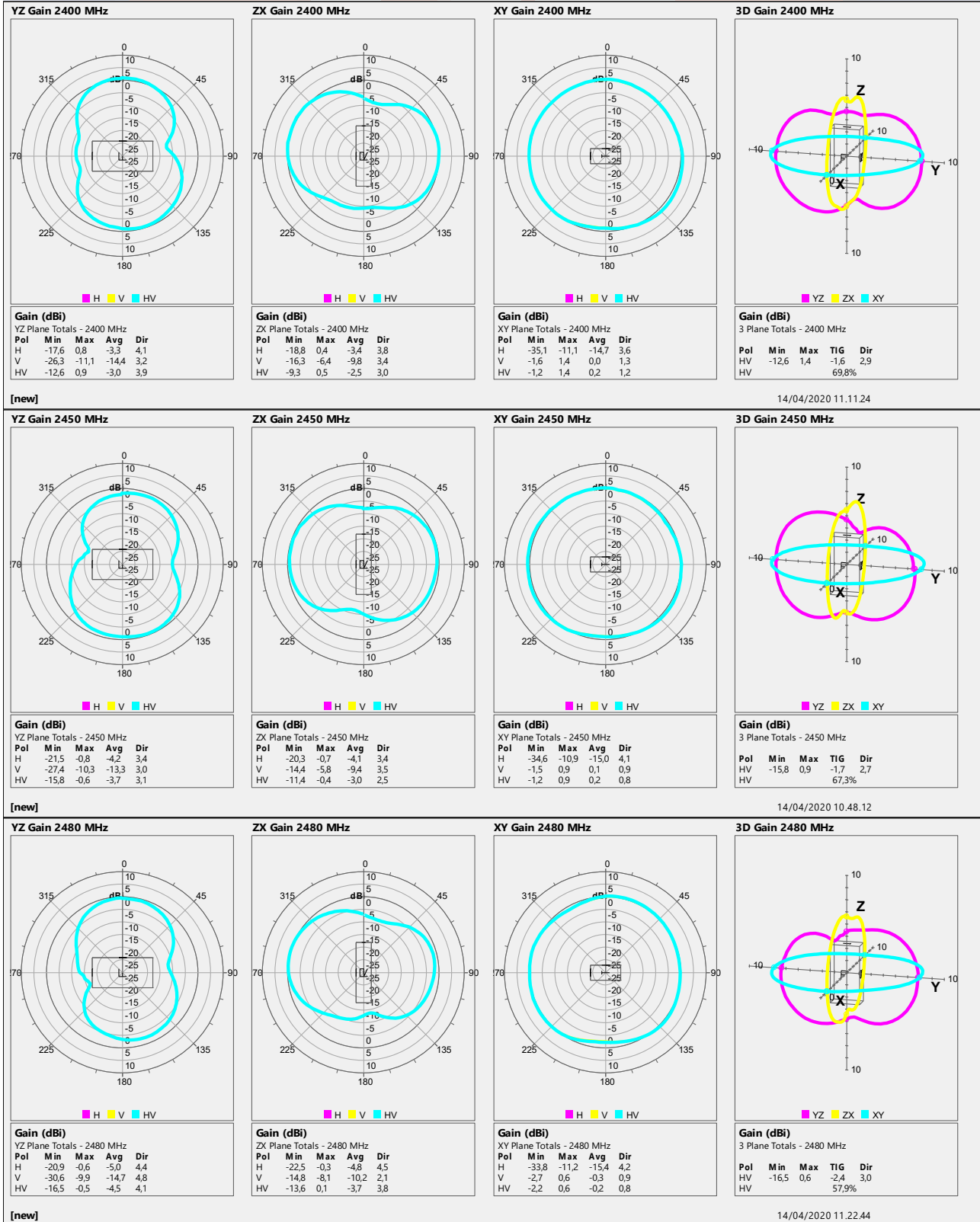
mobile antennas



# 2,4-4,9/5,8 GHz DIPOLE ANTENNA

Part Number 639\_200\_UFL/2

## Data Pattern

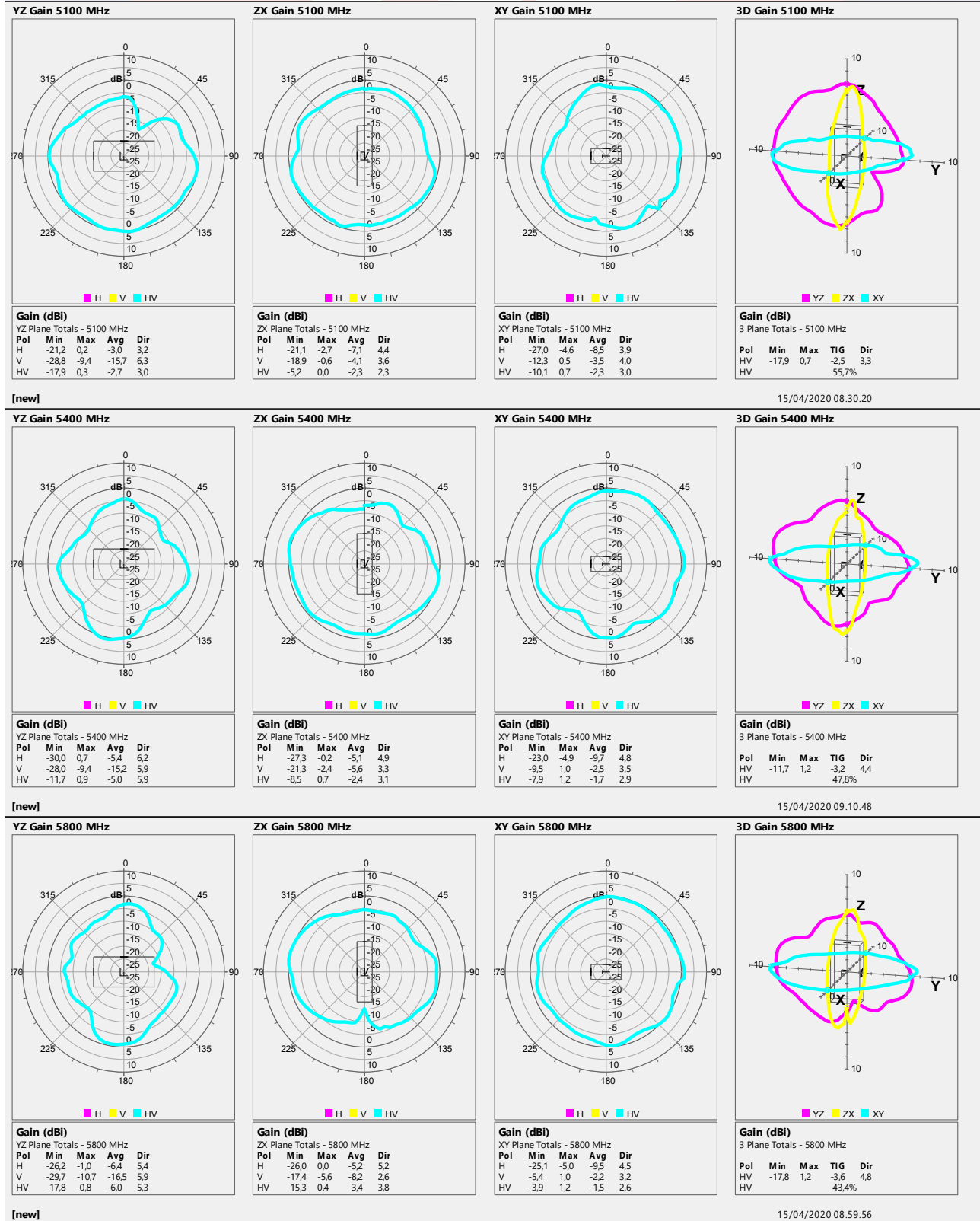




# 2,4-4,9/5,8 GHz DIPOLE ANTENNA

Part Number 639\_200\_UFL/2

## Patterns

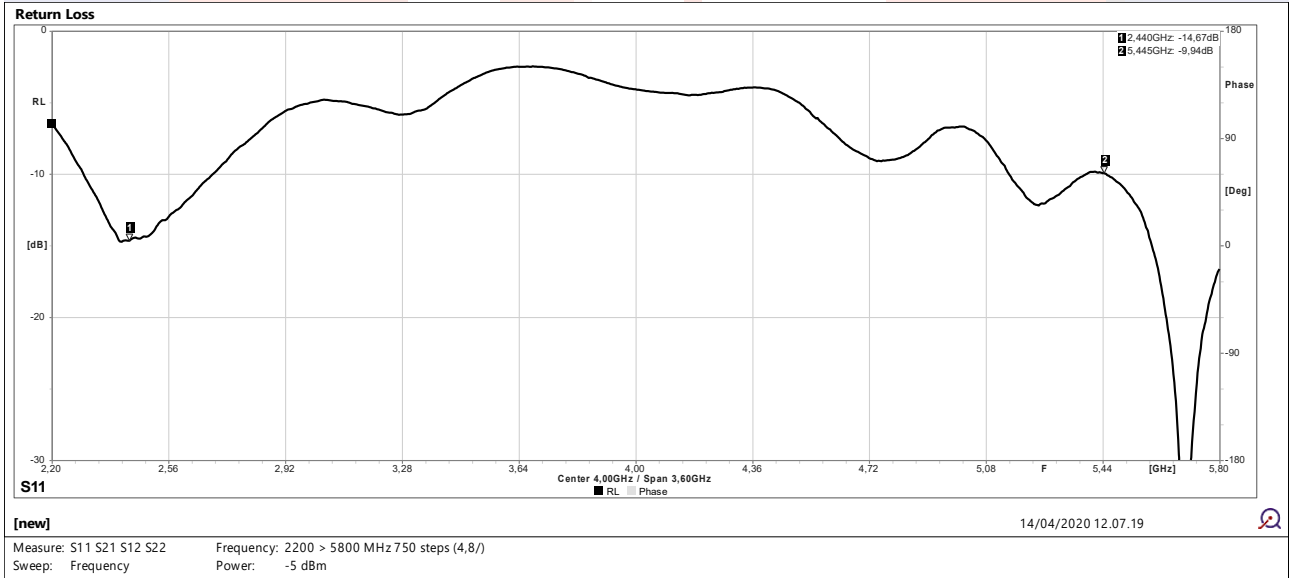




# 2,4-4,9/5,8 GHz DIPOLE ANTENNA

Part Number 639\_200\_UFL/2

|s11| diagram



**dynaFlex**  
mobile antennas