

23. Seminar Radijske Komunikacije

Samogradnja antenske merilnice

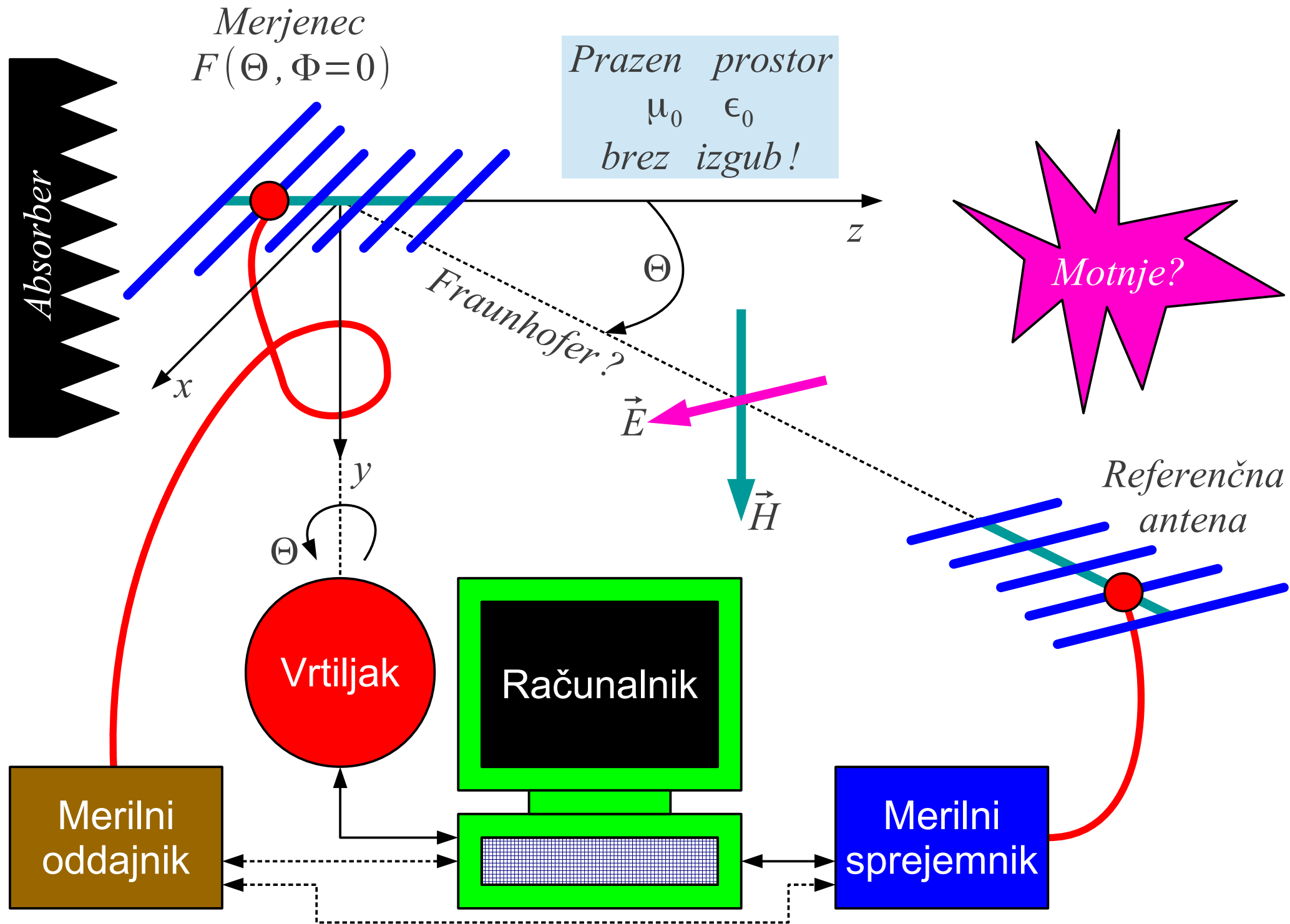
Matjaž Vidmar

LSO, FE, Ljubljana, 31.1.-2.2.2018

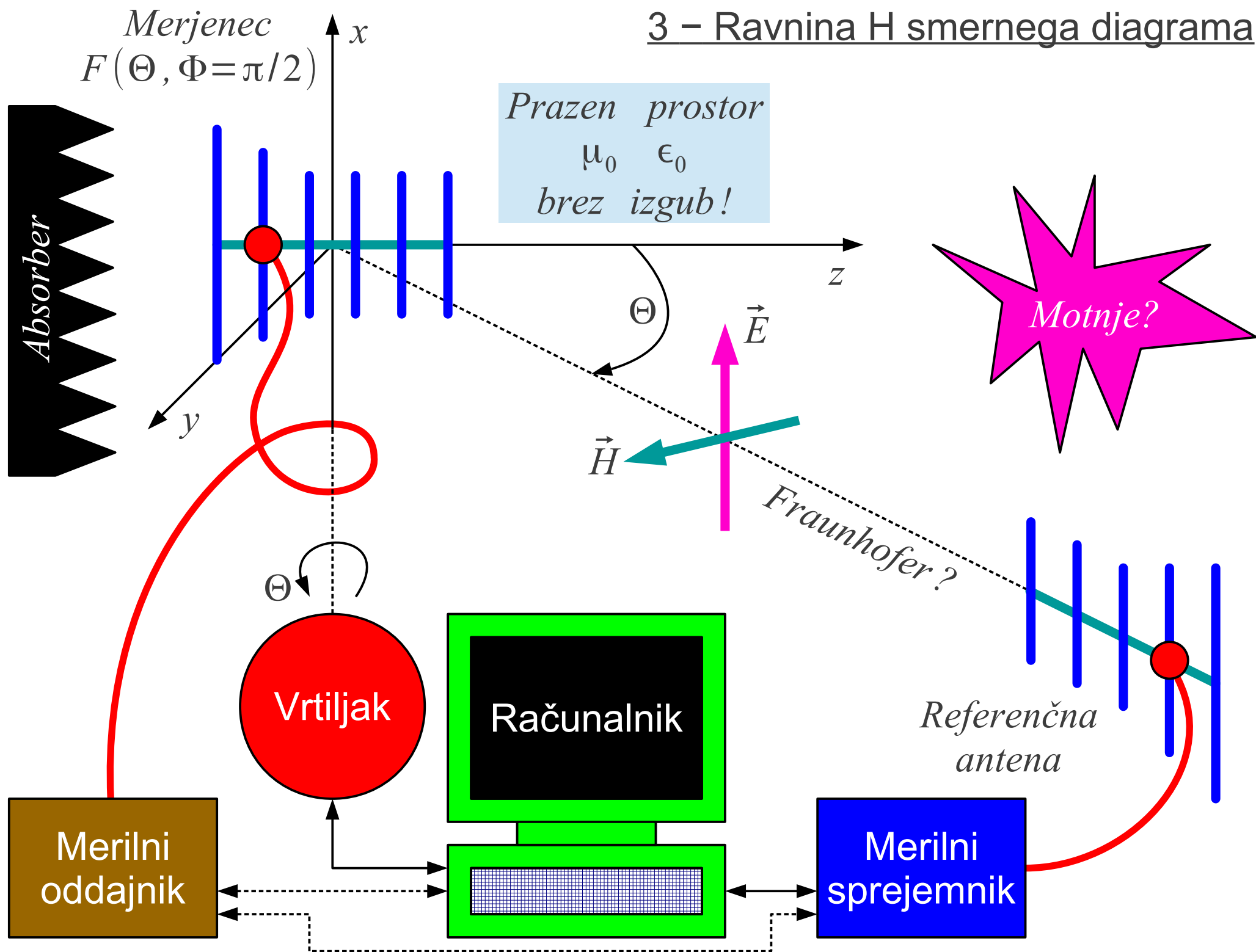
Seznam prosojnic predavanja: Samogradnja antenske merilnice

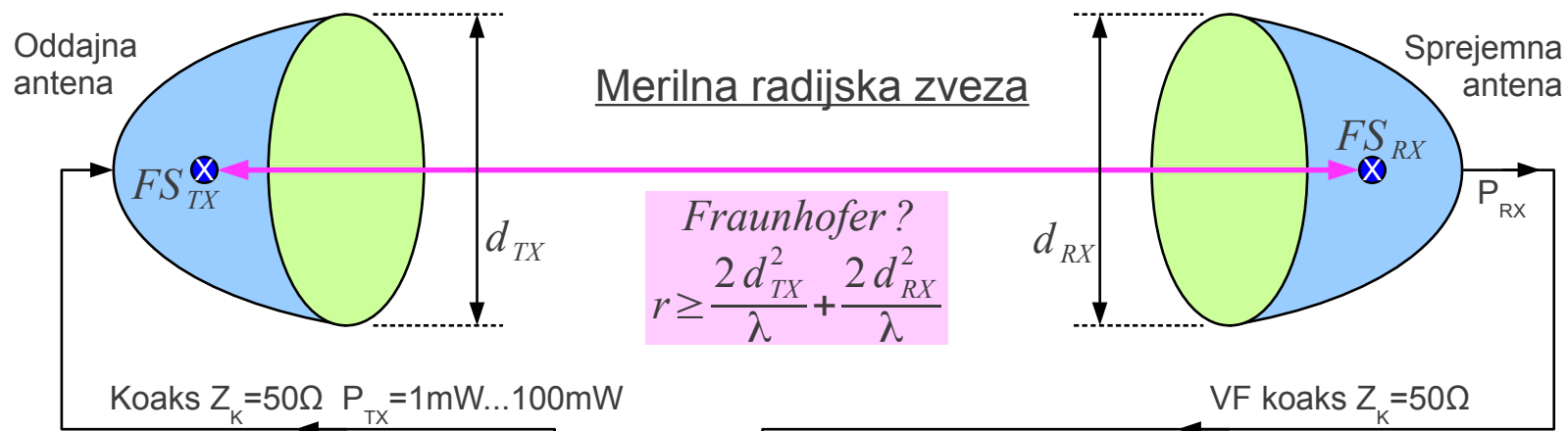
- 1 –
- 2 – Ravnina E smernega diagrama
- 3 – Ravnina H smernega diagrama
- 4 – Kazalčna meritev z vektorskim voltmetrom
- 5 – Meritev amplitude z moduliranim oddajnikom
- 6 – Meritev amplitude z lock-in sprejemnikom
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2 – Ravnina E smernega diagrama



3 – Ravnina H smernega diagrama

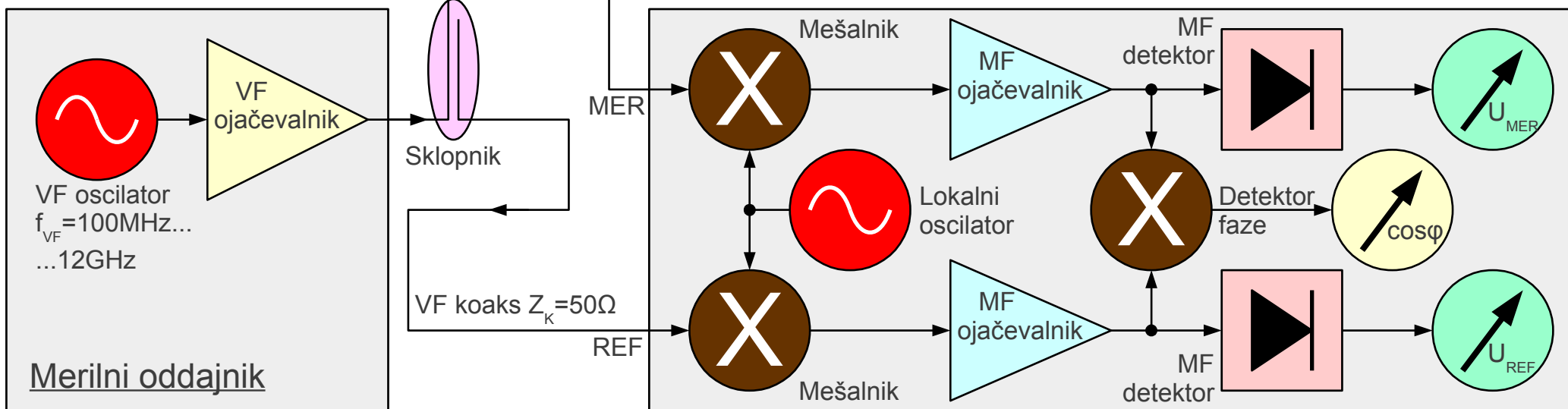




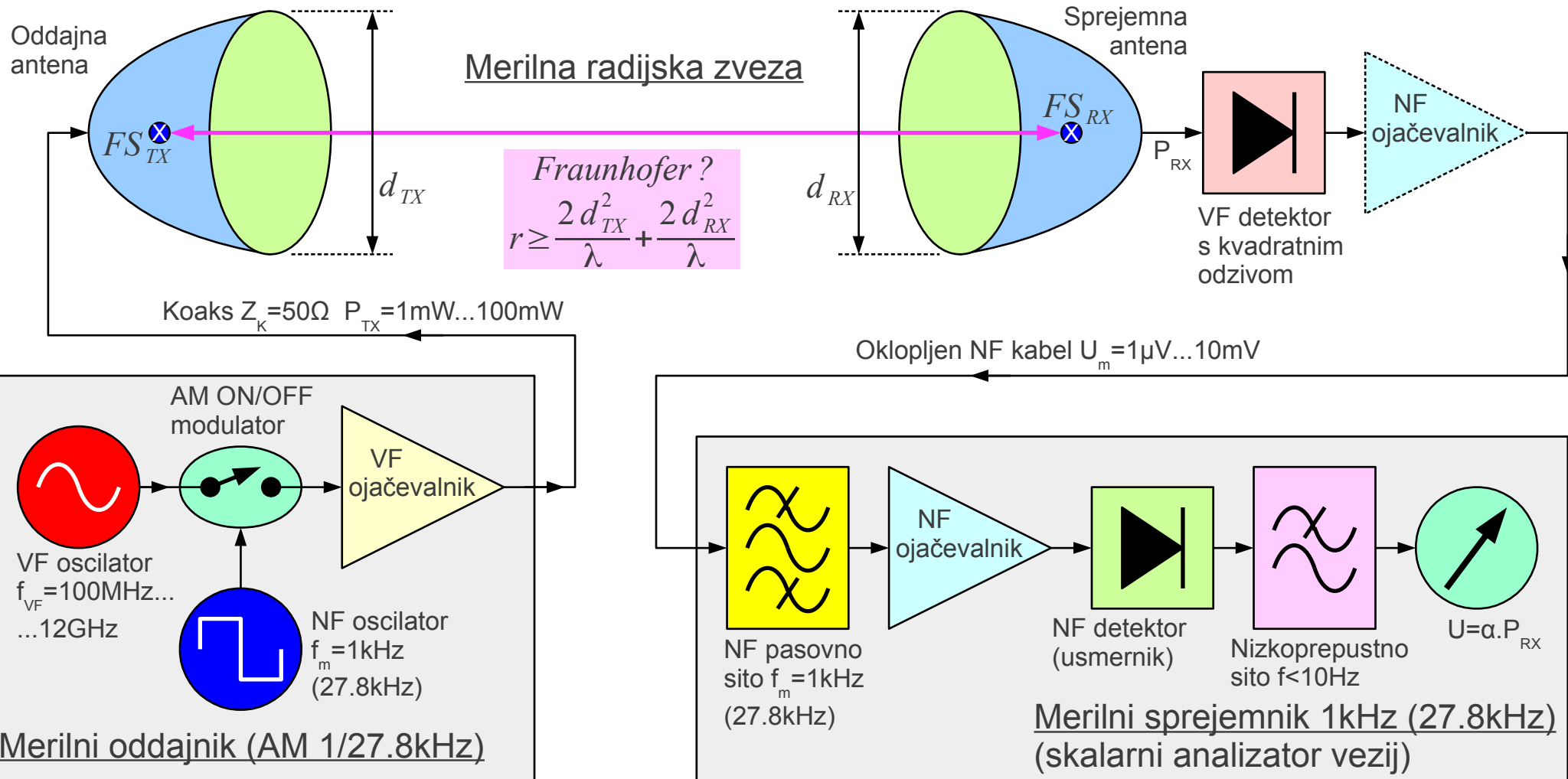
Fraunhofer ?

$$r \geq \frac{2d_{TX}^2}{\lambda} + \frac{2d_{RX}^2}{\lambda}$$

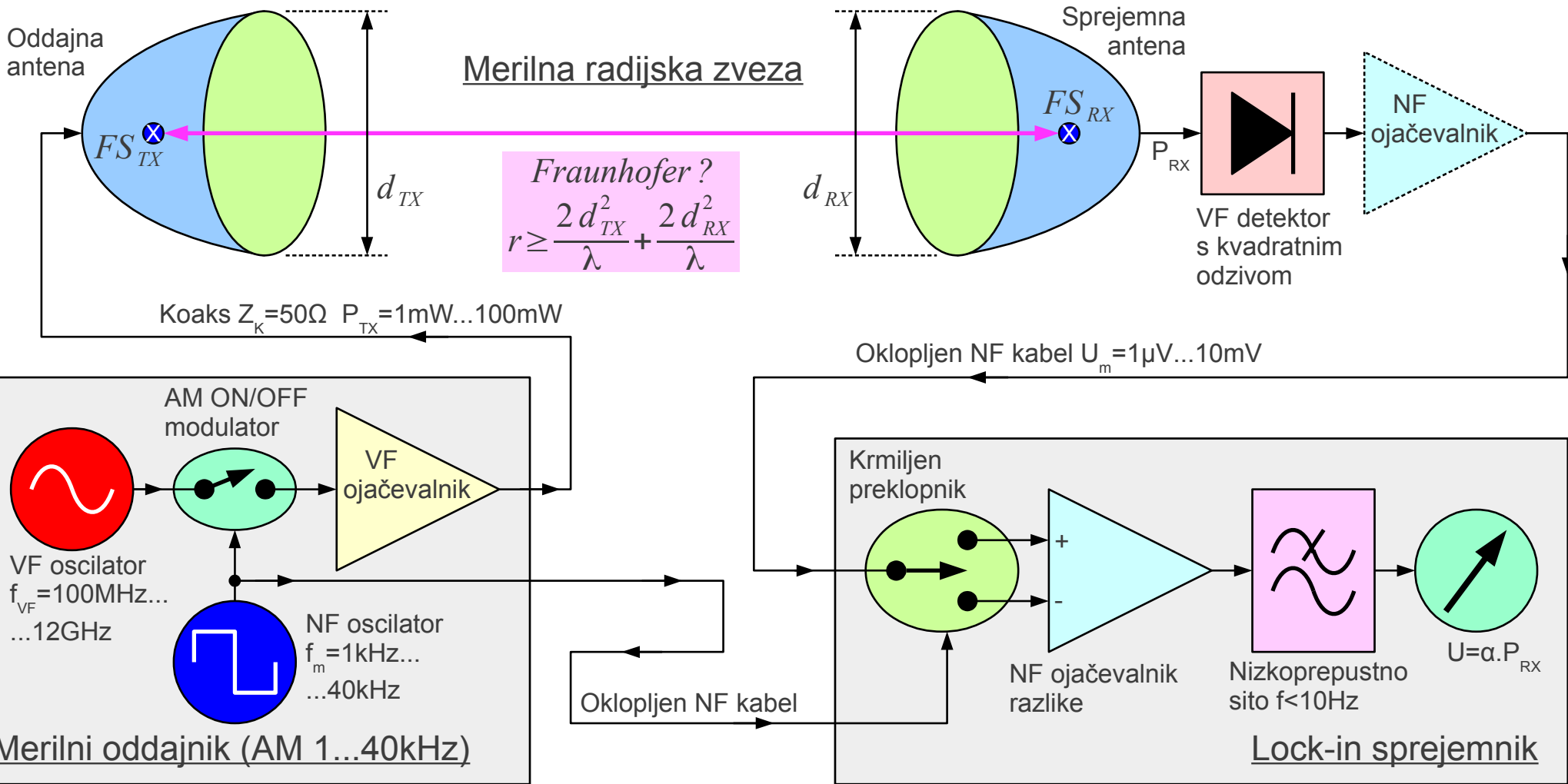
Vektorski voltmetar
(vektorski analizator vezij)



4 – Kazalčna meritev z vektorskim voltmetrom



5 – Meritev amplitude z moduliranim oddajnikom



6 – Meritev amplitude z lock-in sprejemnikom

