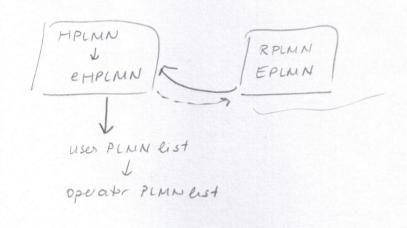
- choosing operator (PLMN)
- HPLMN into is in SIM (PLMN idof your IMSI)
- RPLMN = Serving PLMN

 L

 EPLMN --- NAS Signalling from MME.
- 27 ATT bought Singular and you are in US

 RPLMN = ATT PLMNid

 EPLMN = Singular
- Manual, Automatic Lararken hangi sırayla bakıcaksın



2 strayla de slabitur.

idle mode. UE is not actively communicating with the network.

-no DEB!

-no srb!

- UÉ performs <u>cell reselection</u>

-monitors power from eNB -reselects eNB if sevry eNB

- periodically <u>listers for pages</u> (when call comes to you, network pages you)

power is low

Jage var miduge bak

active mode. UE is communicating with the network.

has DRB, has SRB (MME-ENB)

Network Selection

Tidle mode <u>UE selects</u> PLMN - listers boast of PLMN of new cell

(If he is in the same cell It has selected before, no need to select ayam)

- active mode: <u>network selects</u> PLMN for UE based on subscribering

Only EPLMN!

· About alb

DEDMIN LIE

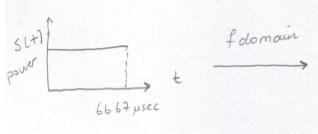
we choose multiples of same base freq.

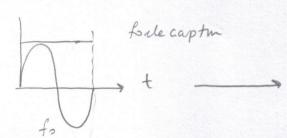
- harmonic curiers: fo, 2 fo, 3 fo, __

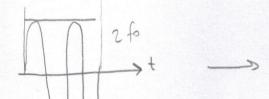
-Base frequency in LTE is 15 KHZ T = 1 sec = 66.67 usec.

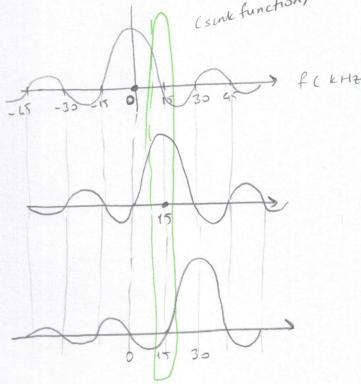
- x(t) ly(t) are orthogonal if fx(t) y(t) dt =0

for periodic signals $\int x(t)y(t) dt = 0$





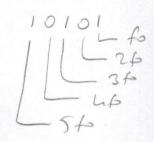




17 KHz de 1. kullona vo sadea ?

multiplexing > 1-0 lan nasilifocle e dicer multiple access > OF SMA basko kisiller aynı ando konustrimok.

15kHz sadece bozulalan tikas gonder, hepsi bozulmez]



SFN: system frame number

Resource Block

12 subcarriers

= 180 kH2

G Asymbols = 0.7 us)

RB has 84 symbols

C Asymbols = 0.7 us)