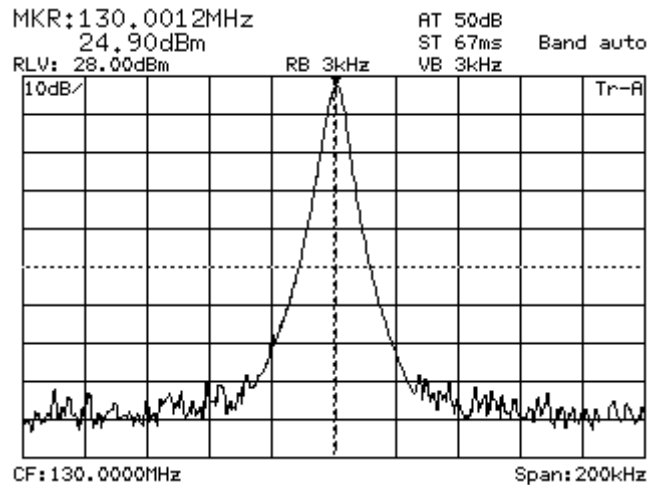


HJK-3H kever ómérése.

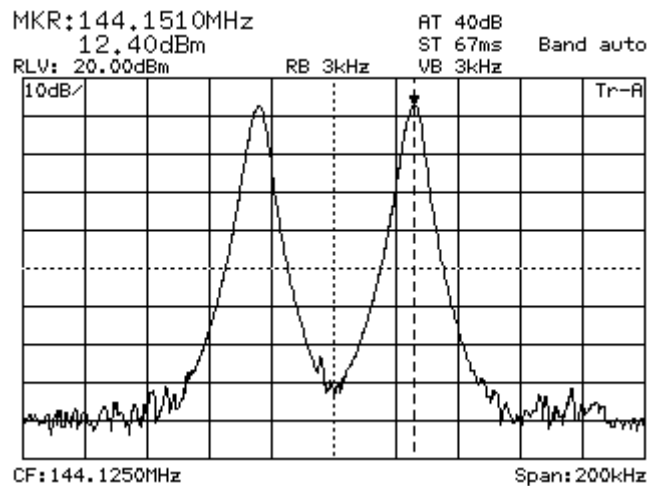
RF1=144.1MHz RF2=144.15MHz

LO=24,9dBm Local frekvencia=130MHz

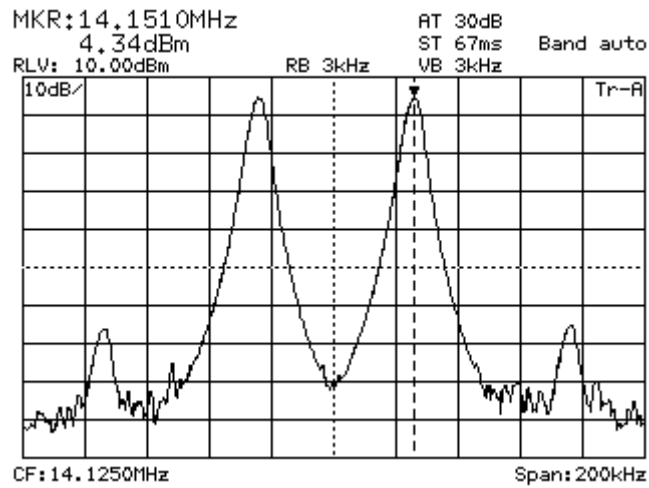
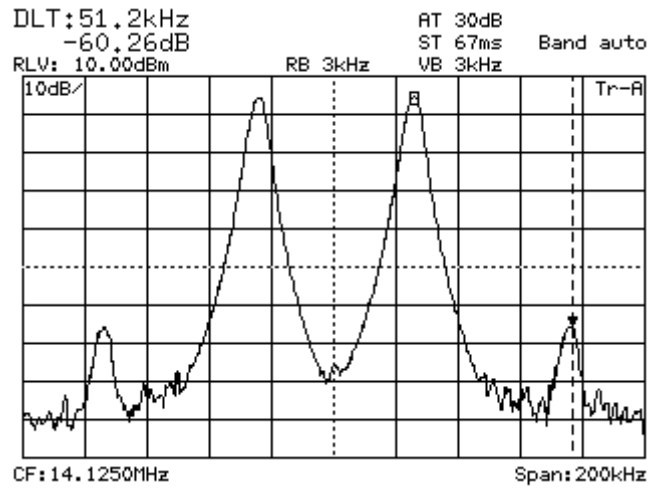
ideális



Local



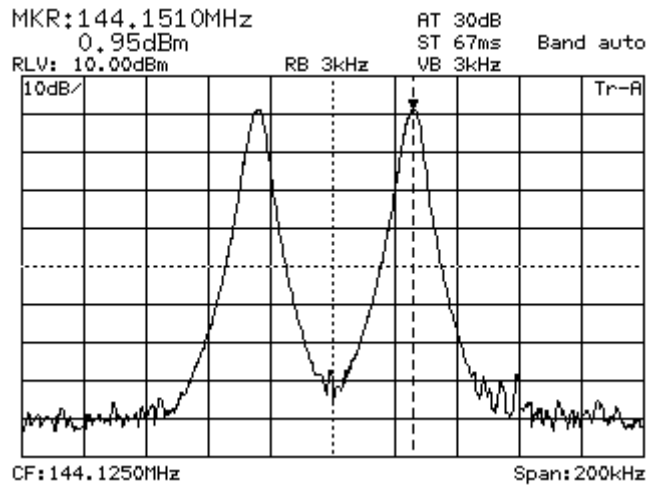
$$IP3 = 60,26/2 + 12,4 = +42,53 \text{ dBm}$$



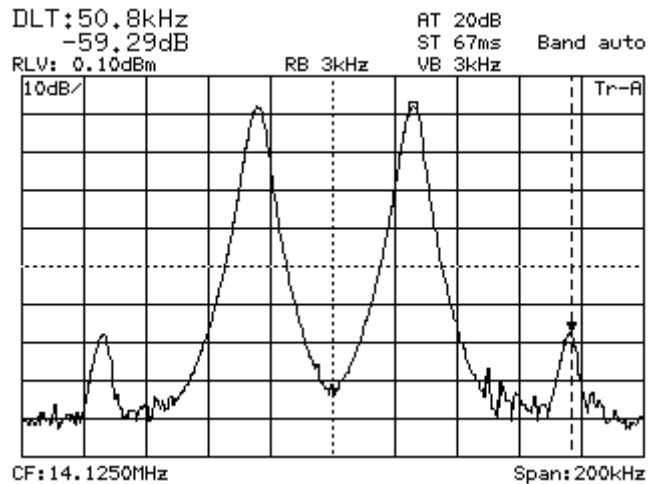
$$\text{OIP3} = 60,26/2 + 4,34 = +34,47\text{dBm}$$

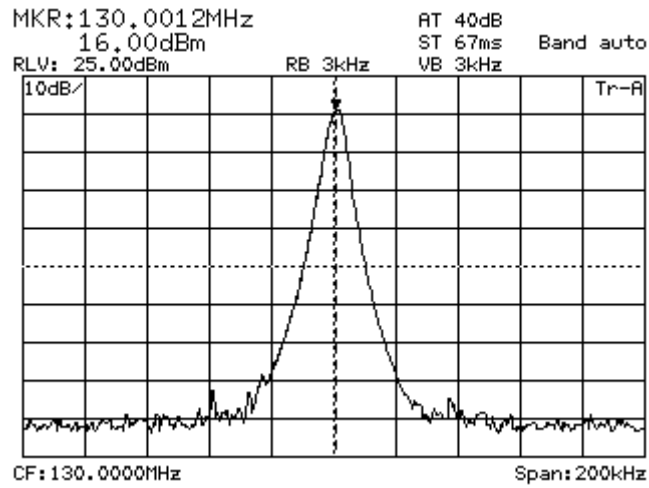
RF1=144.1MHz RF2=144.15MHz

LO=16dBm Local frekvencia=130MHz

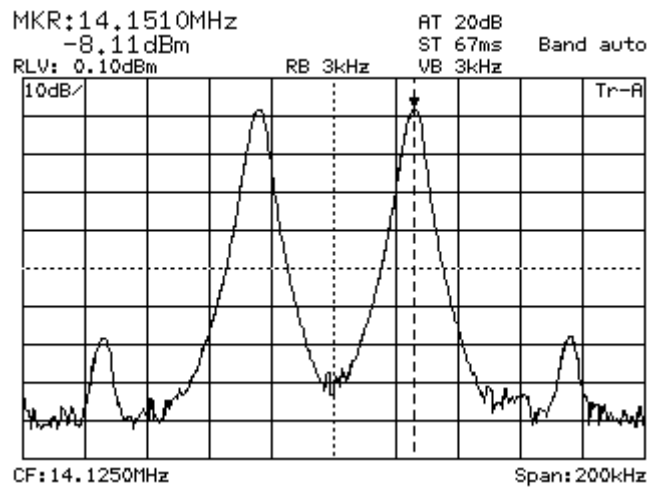


$$IP3 = 59.29/2 + 0.95 = 30.6 \text{ dBm}$$





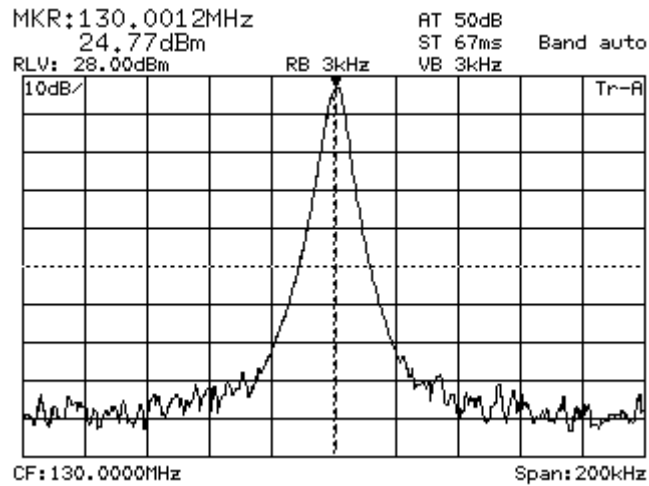
local



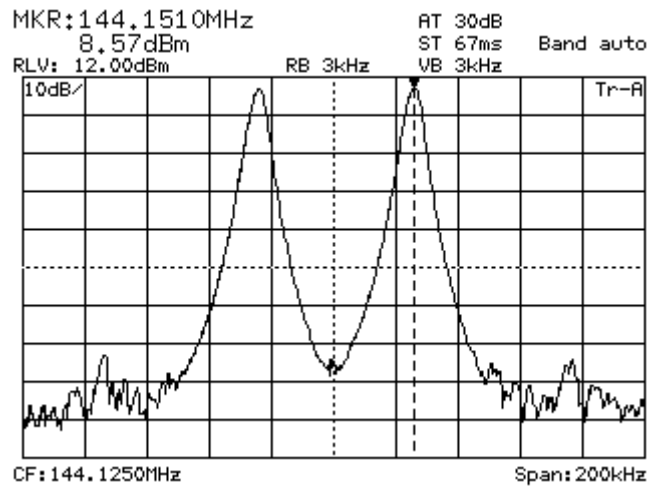
$$\text{OIP3} = 59,29/2 - 8,11 = 21,53 \text{dBm}$$

RF1=144.1MHz RF2=144.15MHz

LO=24,77dBm Local frekvencia=130MHz

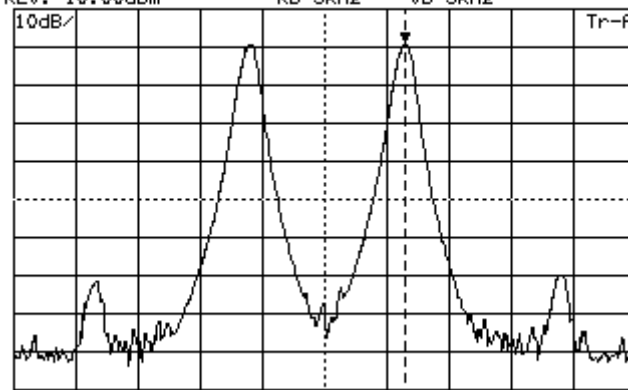


Local



$$IP3=60,57/2 + 8,57=38,85\text{dBm}$$

MKR:14.1510MHz AT 30dB
0.63dBm ST 67ms Band auto
RLV: 10.00dBm RB 3kHz VB 3kHz

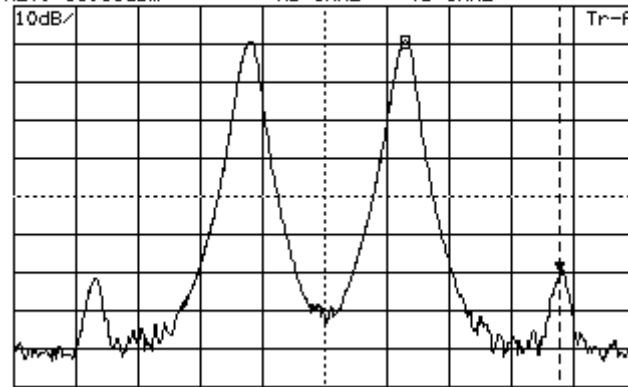


CF: 14.1250MHz

Span: 200kHz

$$\text{OIP3} = 60,57/2 + 0,63 = 30,91\text{dBm}$$

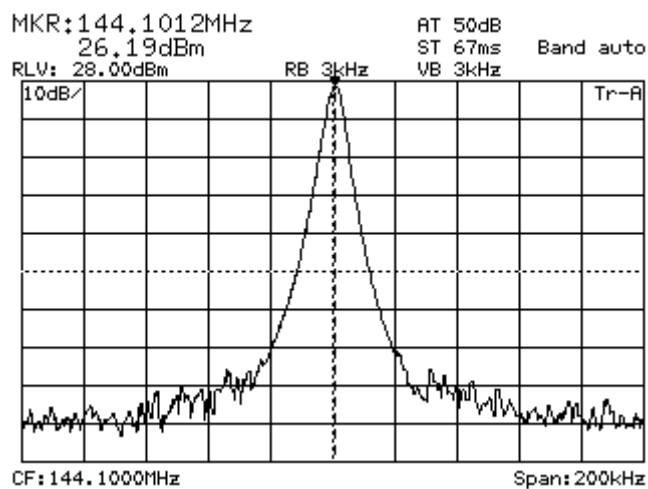
DLT: 50.0kHz AT 30dB
-60.57dB ST 67ms Band auto
RLV: 10.00dBm RB 3kHz VB 3kHz



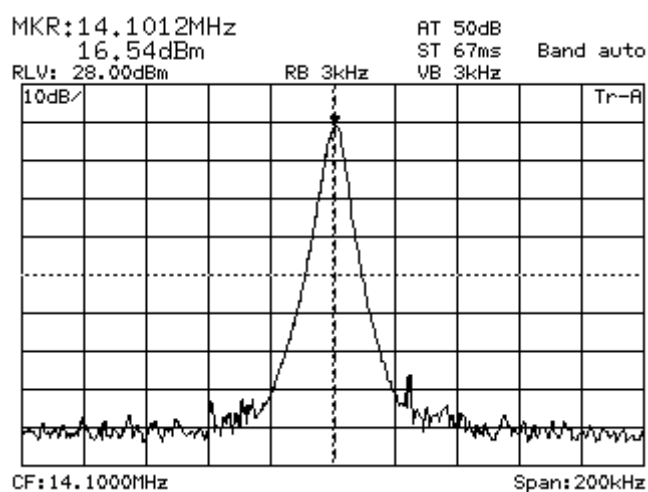
CF: 14.1250MHz

Span: 200kHz

Kompressziós pont mérése



RF bemenőjel



KF kimenőjel