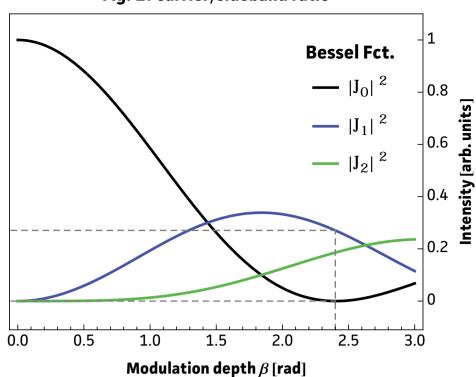
Fig. 1: Oscilloscope trace T' D £ 🖲 0.00V 1 $f_0 = 5.10 \text{ MHz}$ 0.75 $\beta = 2.40 \text{ rad}$ Intensity [arb. units] $\lambda_{\text{test}} = 671 \text{ nm}$ $RF_{in} = 13.5 dBm$ 0.5 0.25 0 -20 -10 0 10 20

Table 1: Expected modulation

Modulation frequency [MHz]

eta = 1 rad	unit	λ_1	λ_2
λ	nm	671	780
Р	dBm	5.8	7.4
Р	mW	4	5
U	V _p	0.6	0.7
U_π	V _p	2.	2.3
β/U	rad / V	1.61	1.35

Fig. 2: Carrier/sideband ratio



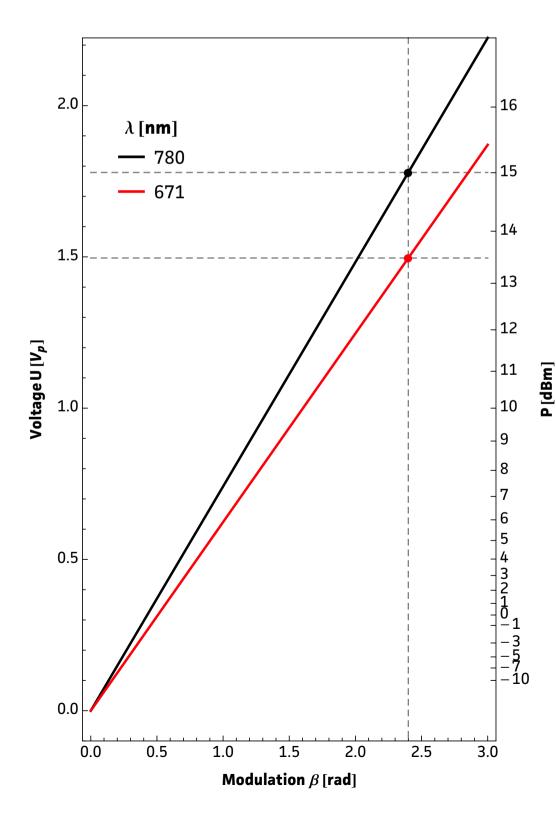


Fig. 3: RF-signal amplitude vs. modulation depth