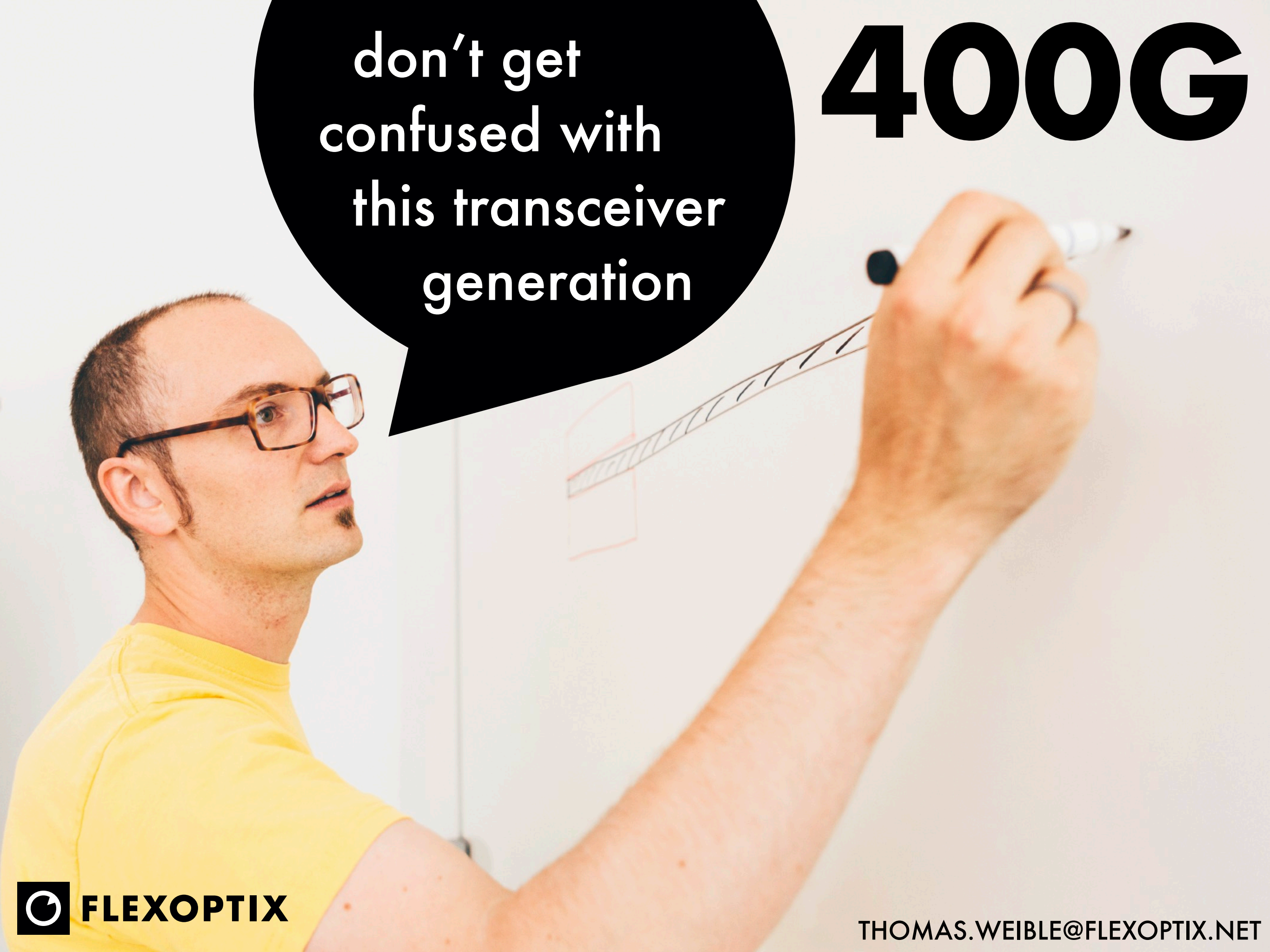
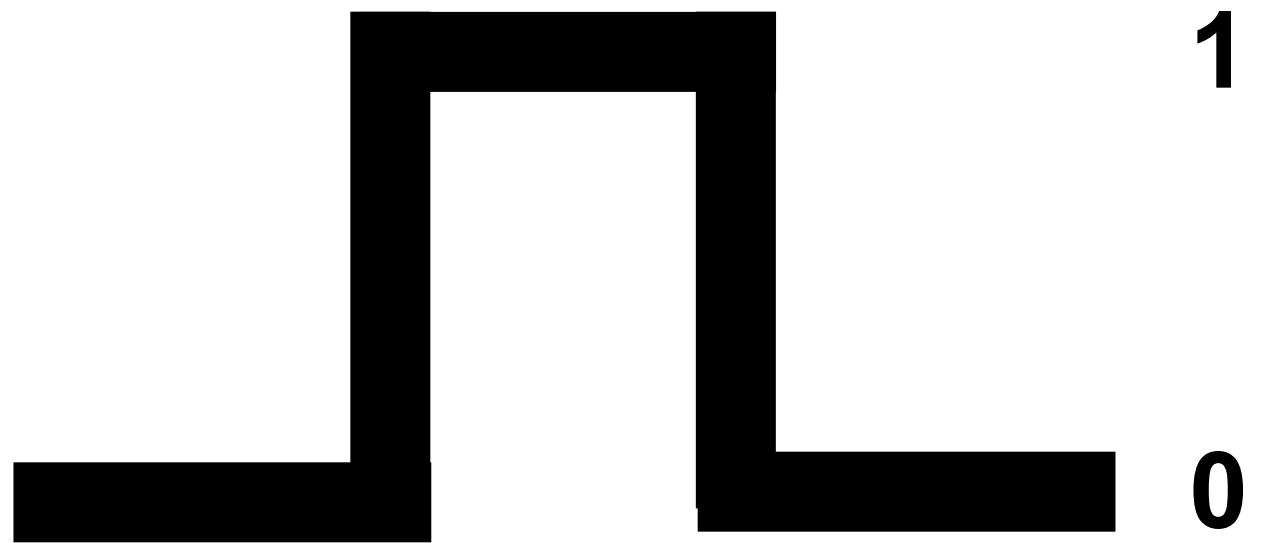


don't get
confused with
this transceiver
generation

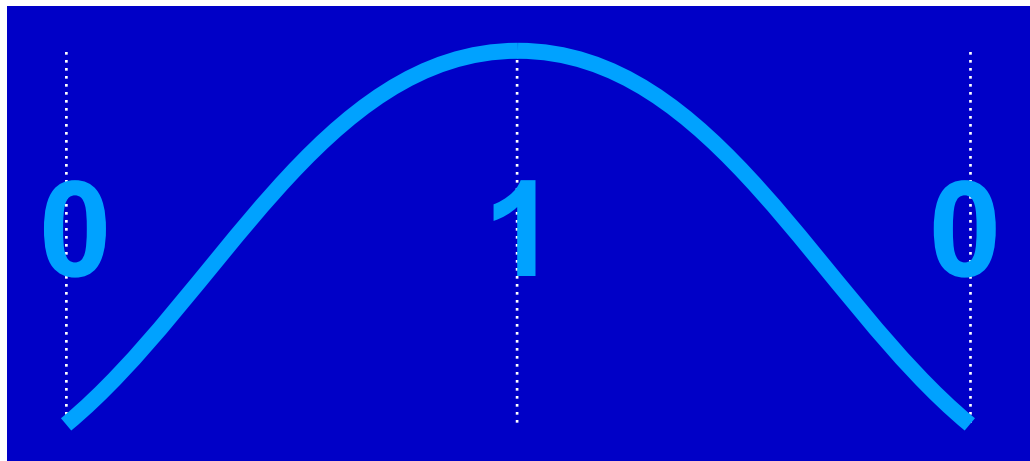
400G

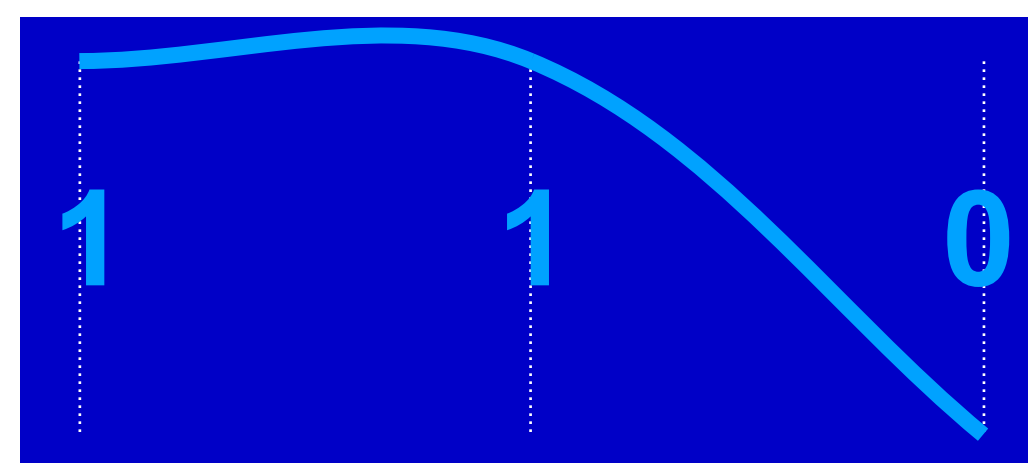
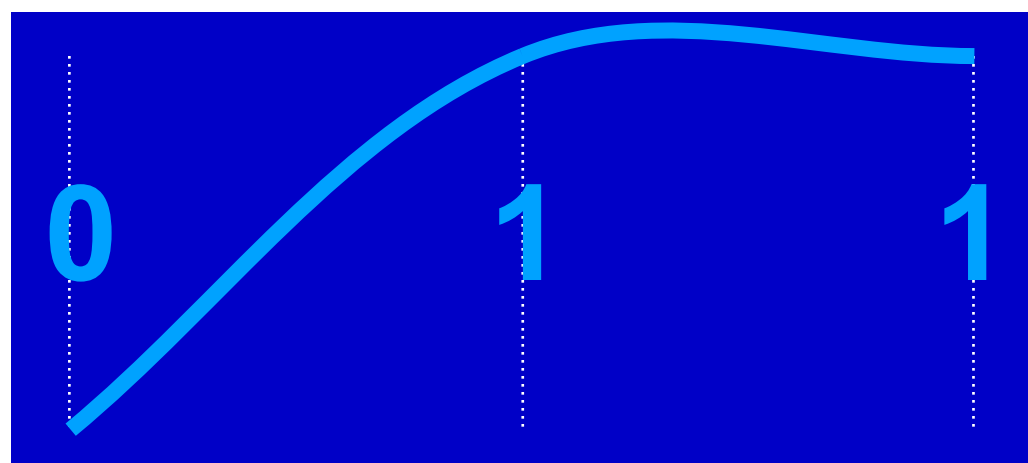
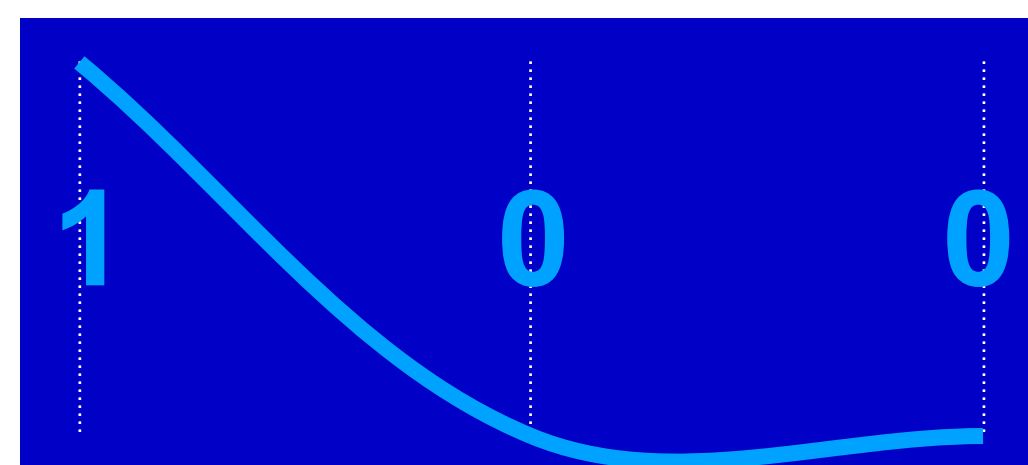
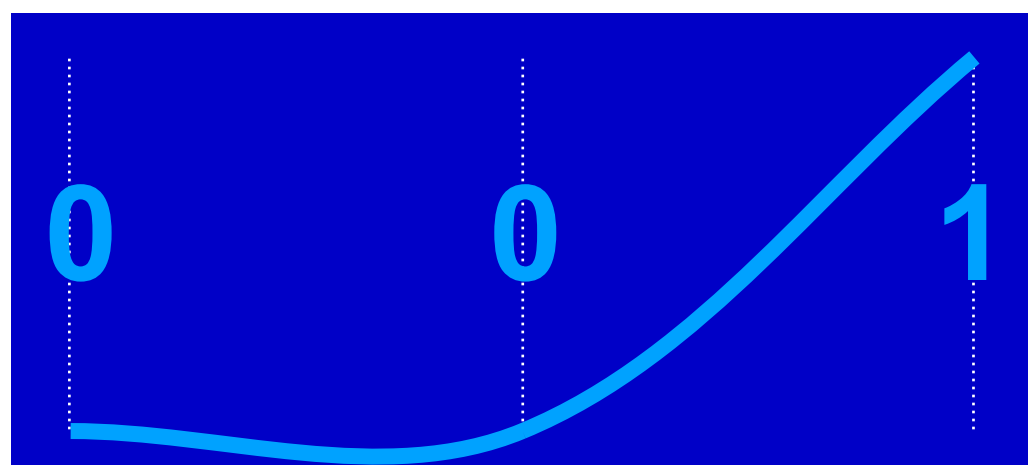
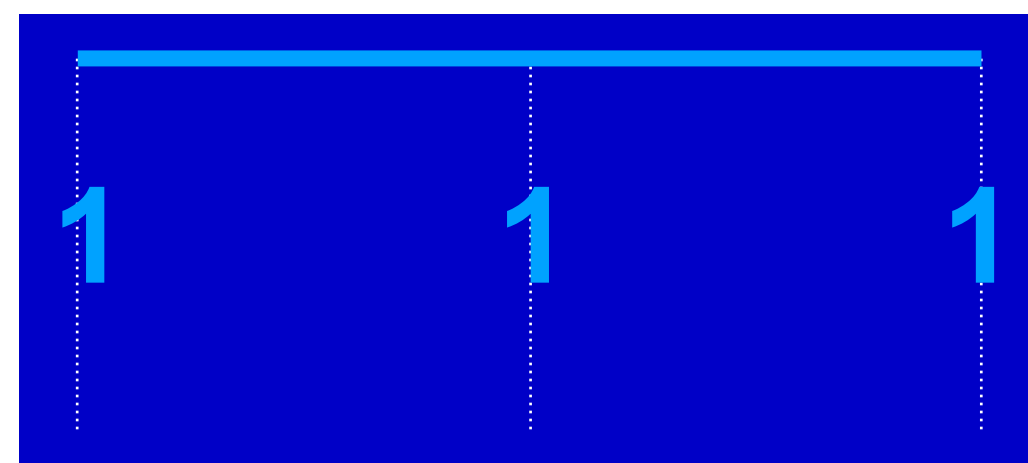
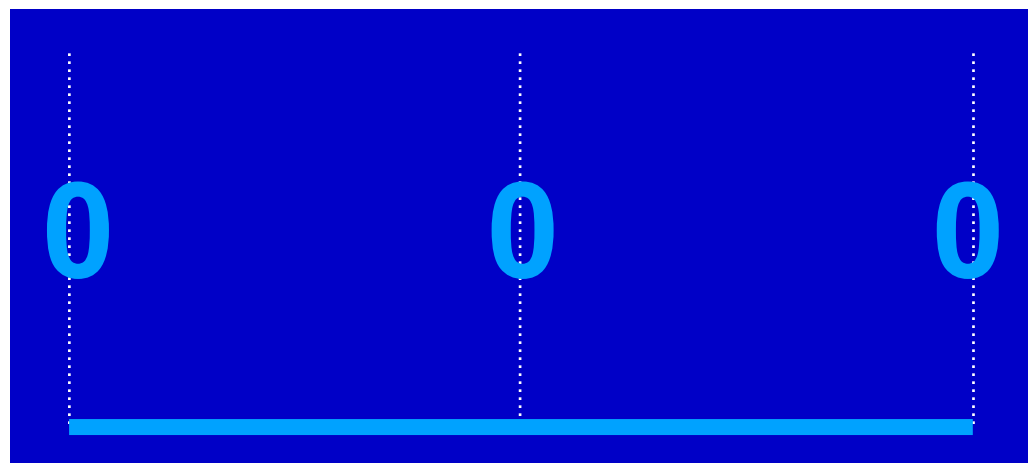
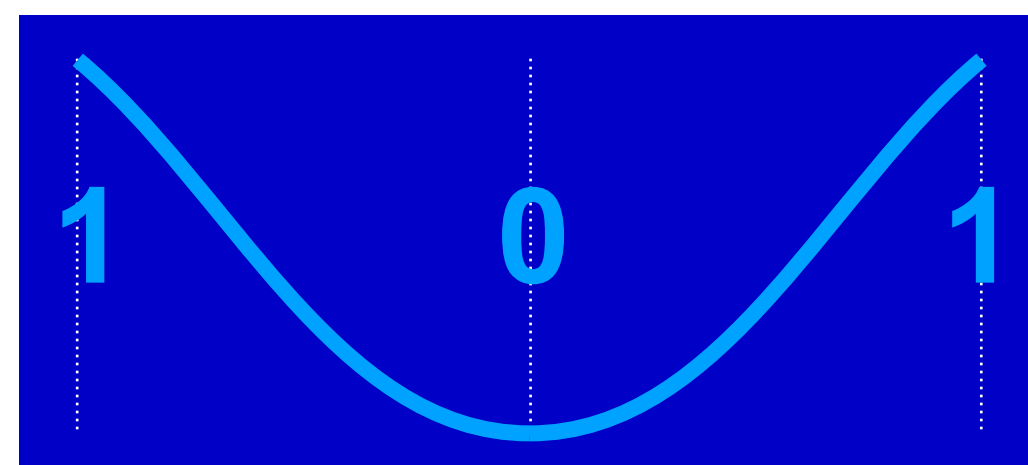
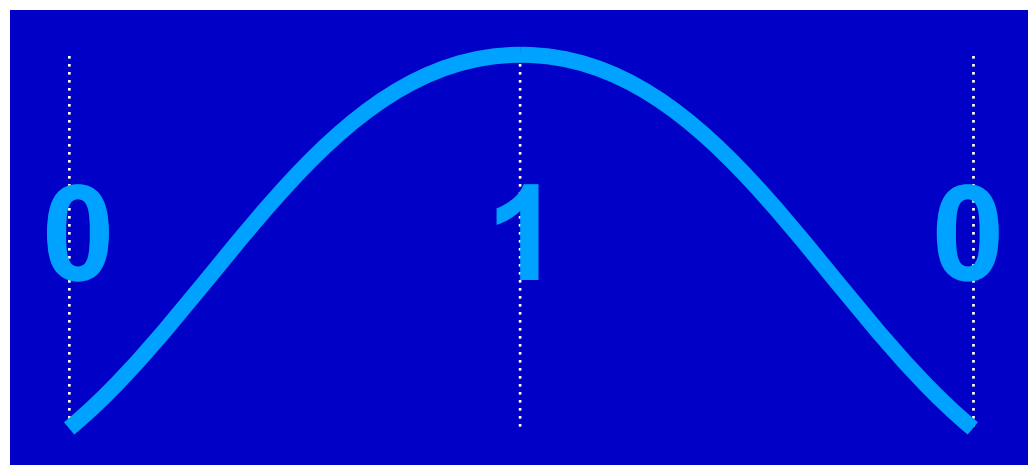


theory



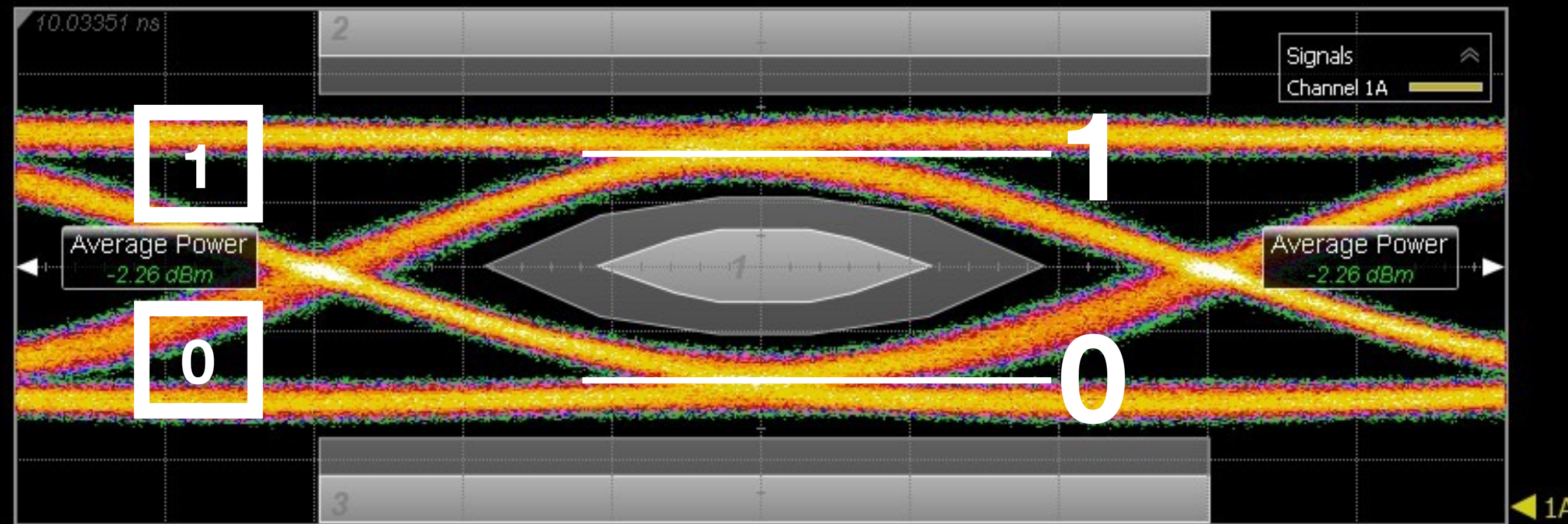






Waveform

000001010011100101110111...



Mask Test

Mask 1

Mask: 100G-CWDM4
Symbol Rate: 25.781 GBd

Source: 1A

Align Method: Eye Cross Mean

Waveforms: 614 wfm

Samples/UI: 754.48 ksa

Margin: 40.6 %

Standard Mask Violations

Region 1: 0 hits

Region 2: 0 hits

Region 3: 0 hits

Total: 0 hits

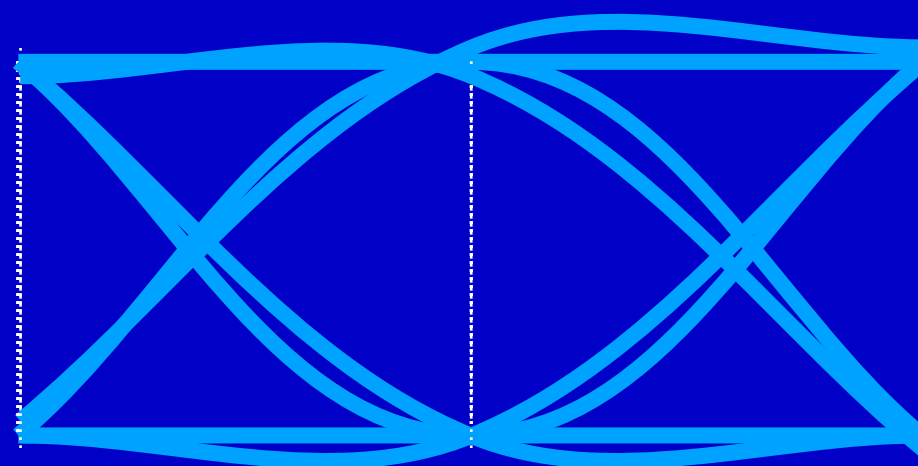
Margin Mask Violations

Region 1: 0 hits

Region 2: 0 hits

Region 3: 0 hits

Total: 0 hits

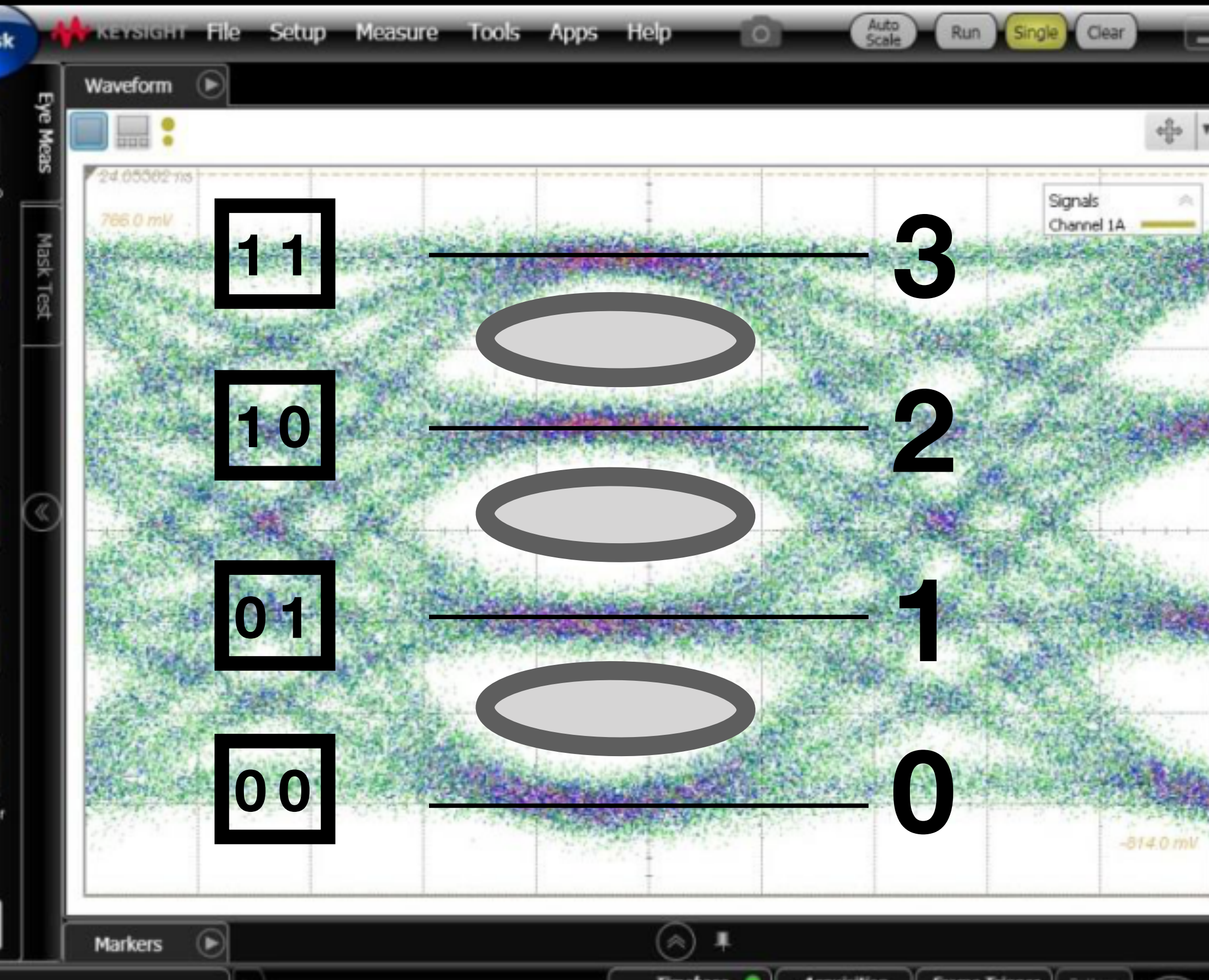




NO



000001010011100101110111...
111011101001110010100000...



PAM4

hands on



AL<sup>3
2
1
0</sup> makes 400G

electrical

8 x 56G



optical

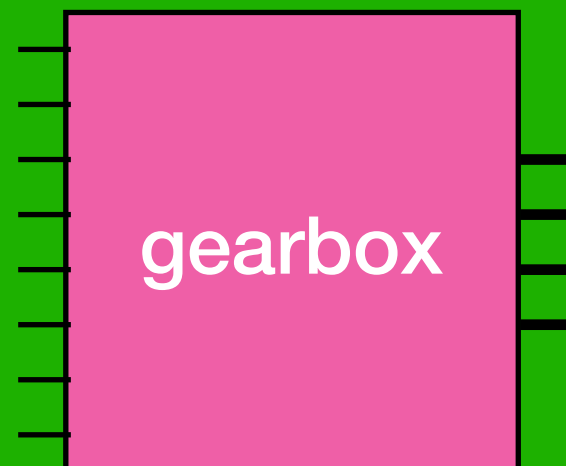
8 x 56G

A<sup>3
2
1
0</sup> makes 400G

electrical

optical

8 x 56G



4 x 112G

SIZE

a super fast switch

20 mm

70 mm

QSFP28

75 mm

QSFP-DD

100 mm

Height: 14mm
integrated heat sink

OSFP

?

a super fast switch

400G

112G

3
2
1
0

some 100G gear

QSFP28

hot 100G gear

μQSFP

fancy 100G gear

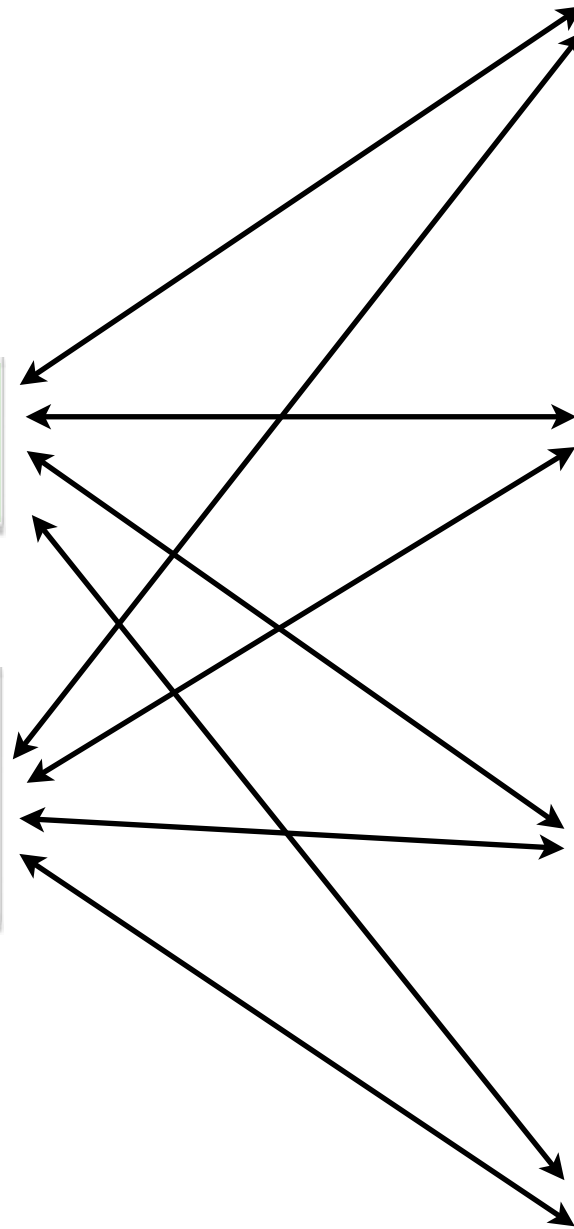
SFP56-DD

your choice

QSFP-DD

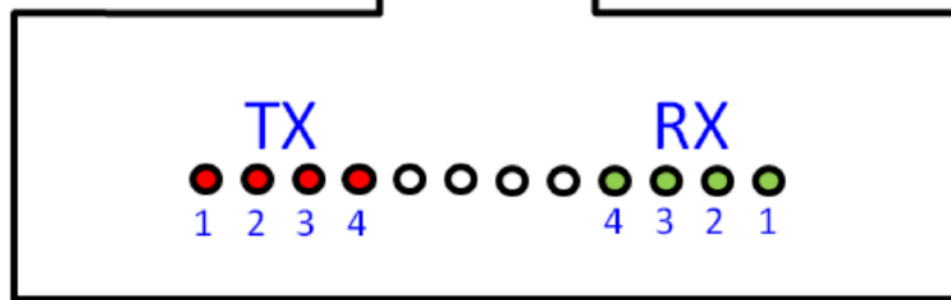
OSFP

....

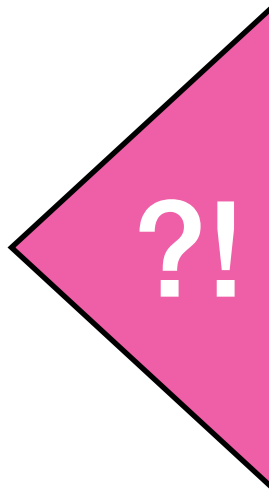
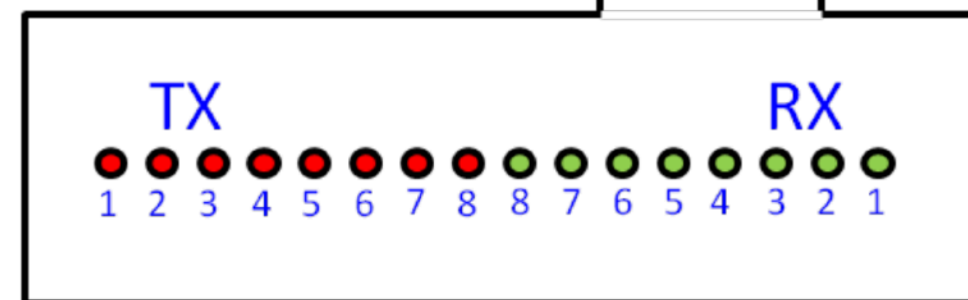


and more PLUGS

MPO-12

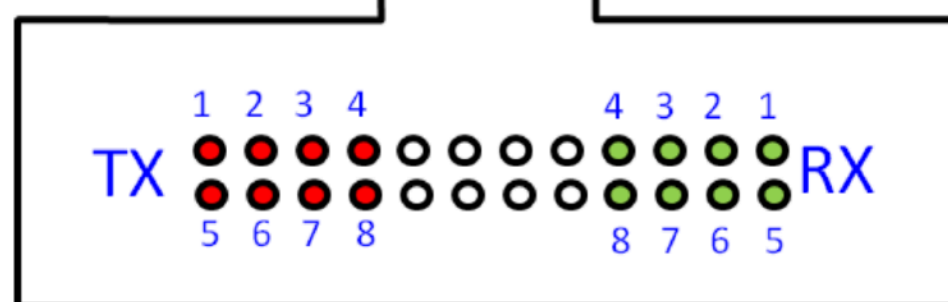


MPO-16

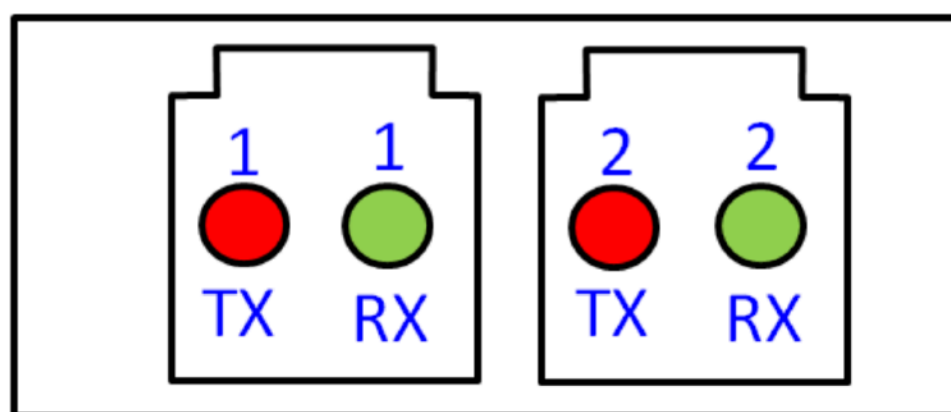


MPO-12

Two Row



CS



Dual LC

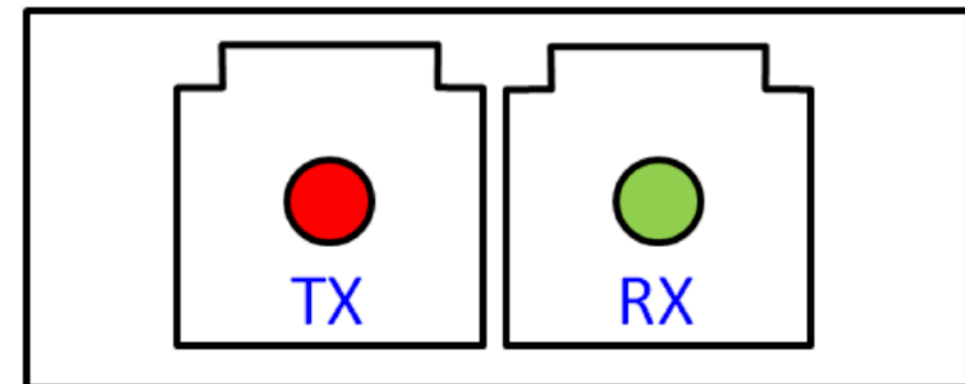
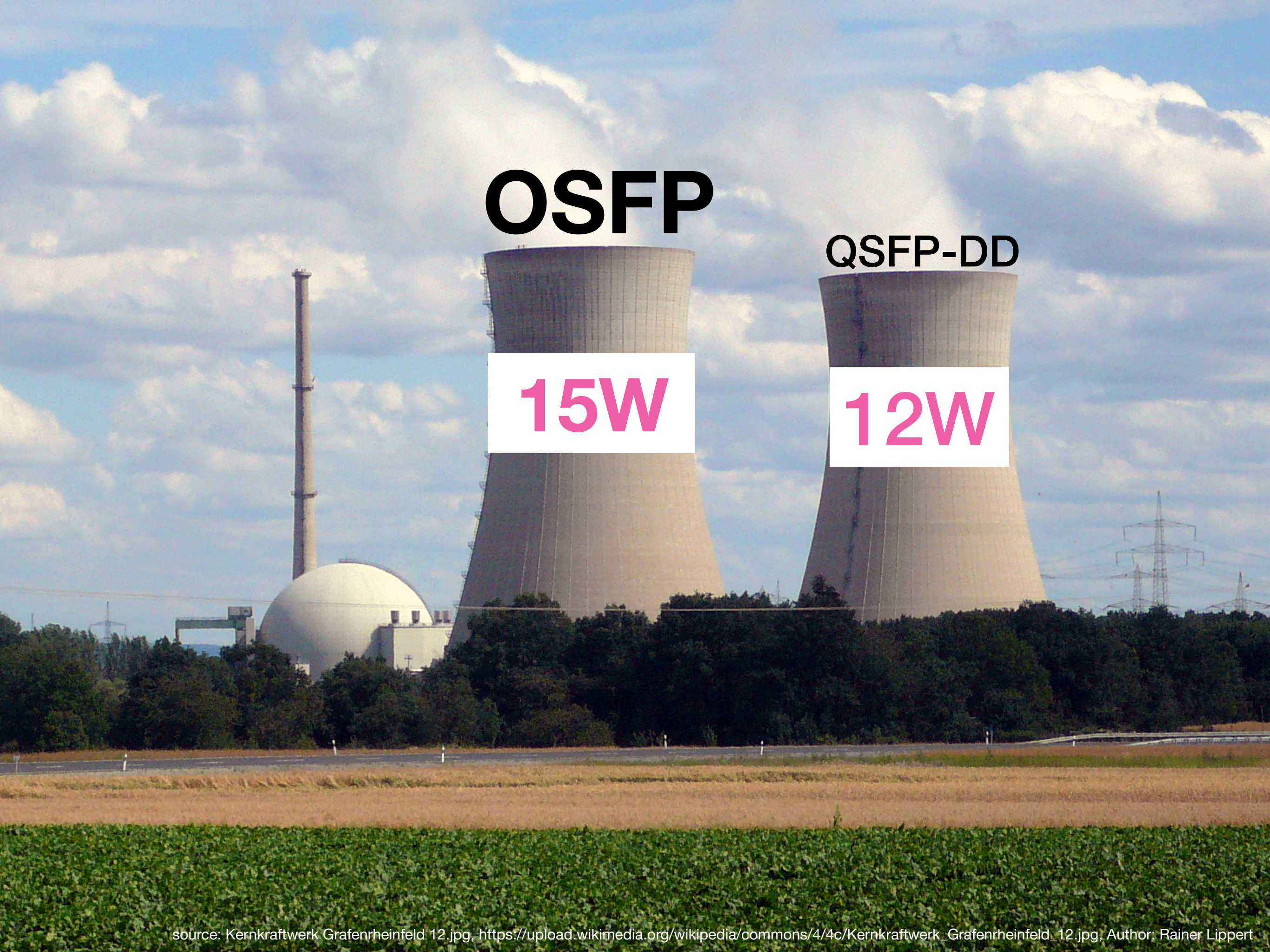


Figure 33: Optical Media Dependent Interface port assignments

A photograph of the Grafenrheinfeld nuclear power plant. Two large, grey, hyperboloid cooling towers are the central focus. To the left of the towers is a white, spherical containment dome. A tall, thin smokestack stands further left. The plant is surrounded by a dense line of green trees. In the foreground, there is a field of green crops. The sky is blue with scattered white clouds. Overlaid on the image are text labels for each cooling tower: 'OSFP' and '15W' for the left one, and 'QSFP-DD' and '12W' for the right one.

OSFP

15W

QSFP-DD

12W

THE FLEXBOX CREATORS

THOMAS.WEIBLE@FLEXOPTIX.NET



1

revolutionary
development



49

flexperts



44252

transceiver
compatibilities