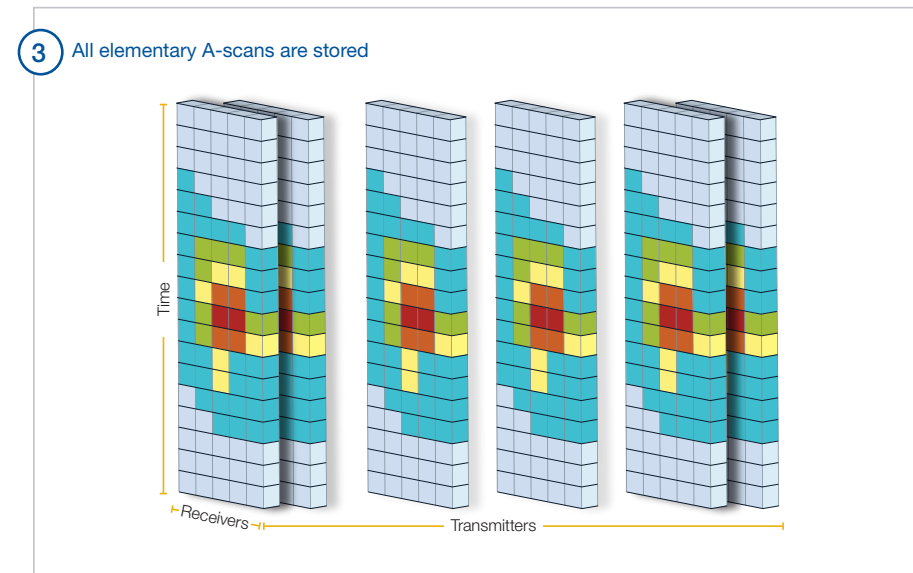
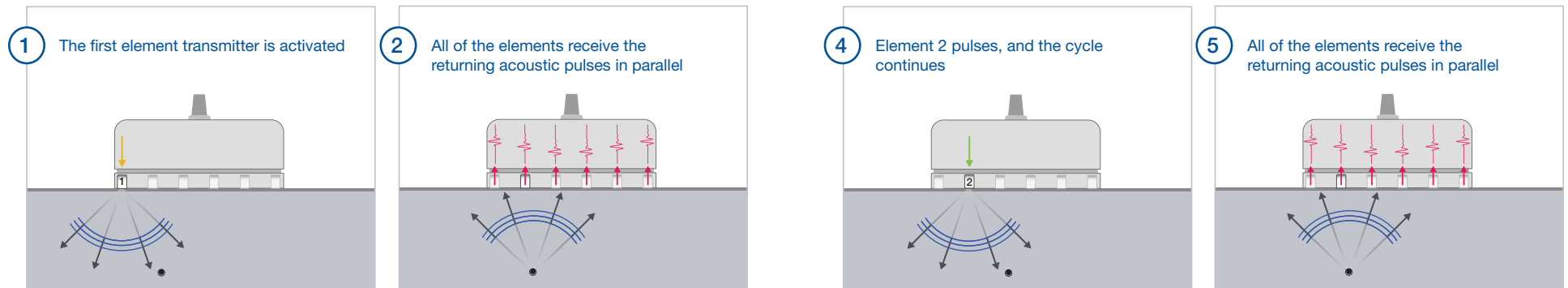


# How it Works

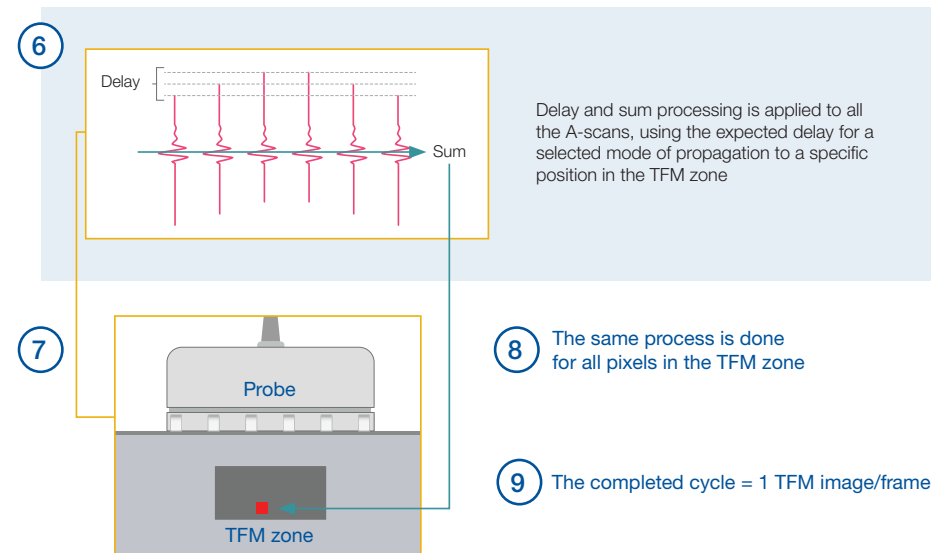
## Full Matrix Capture (FMC) and the Total Focusing Method (TFM)

FMC uses phased array probes, but fires and receives information in a different way than standard PA. The TFM is used to reconstruct the data.

### FMC—An Acquisition Strategy



### TFM—Image Reconstruction



1 pixel is reconstructed from the amplitude of the summed A-scans