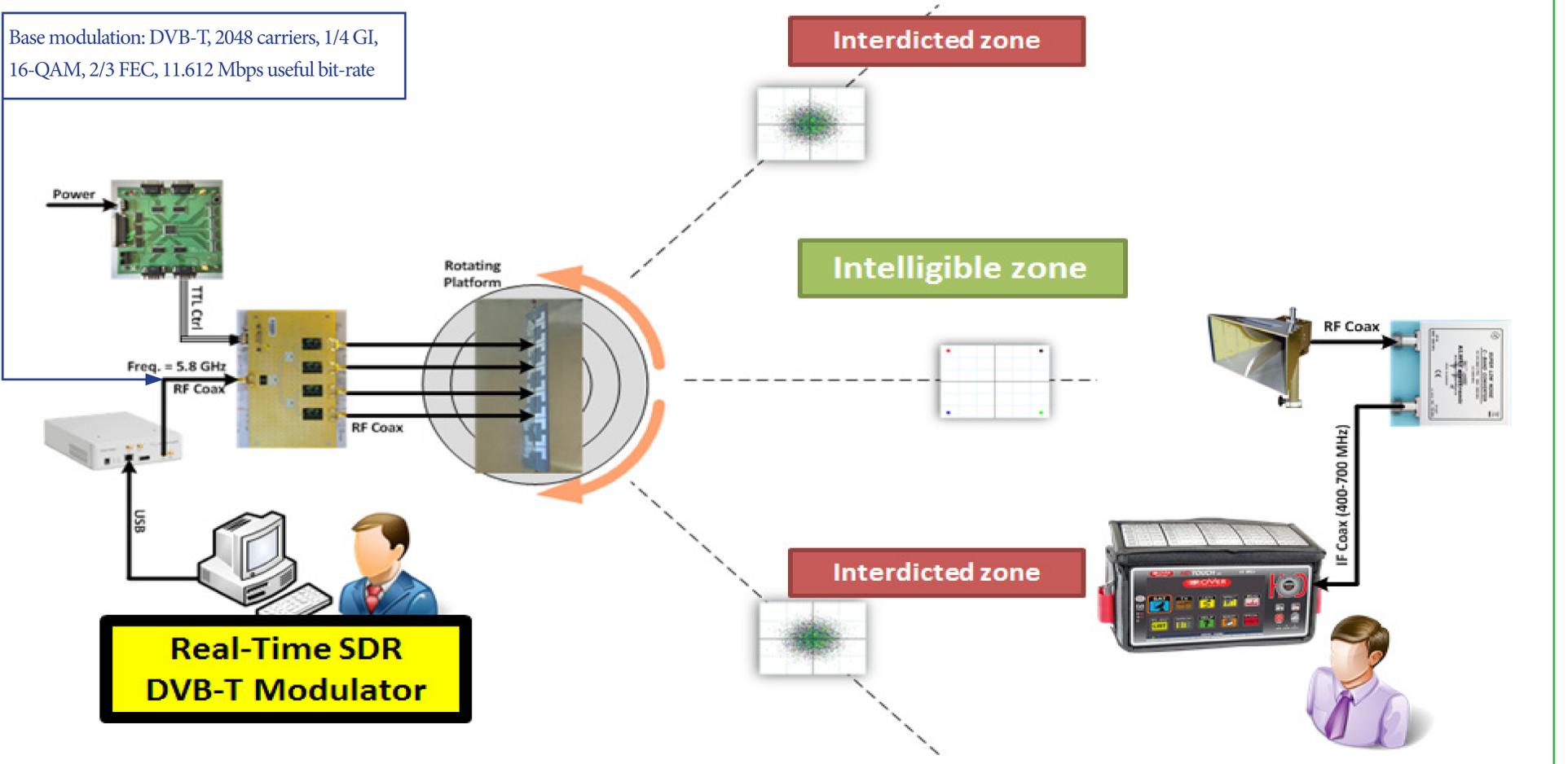
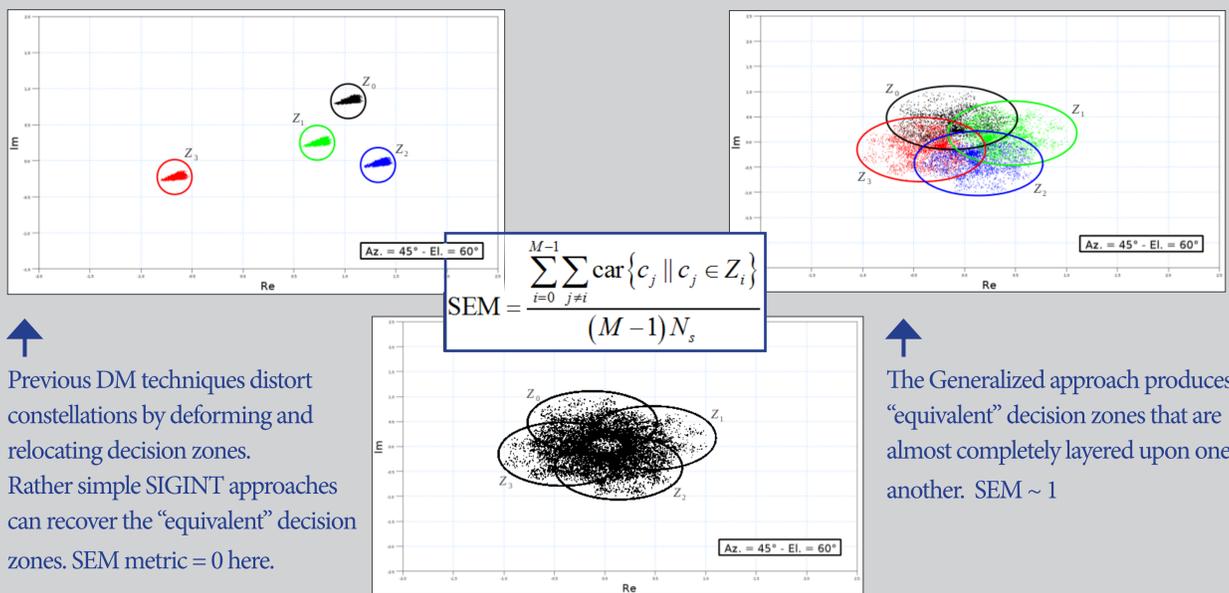


## Demonstration set-up

Base modulation: DVB-T, 2048 carriers, 1/4 GI, 16-QAM, 2/3 FEC, 11.612 Mbps useful bit-rate



## Comparison with prior art



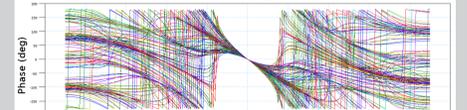
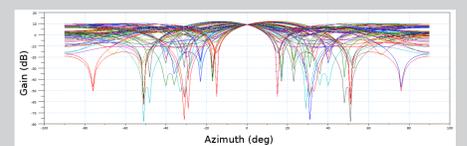
Previous DM techniques distort constellations by deforming and relocating decision zones. Rather simple SIGINT approaches can recover the “equivalent” decision zones. SEM metric = 0 here.

The Generalized approach produces “equivalent” decision zones that are almost completely layered upon one another. SEM ~ 1

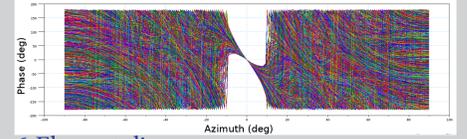
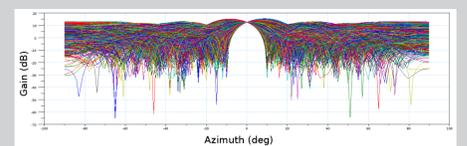
Without color-coded a-priori info on the transmitted symbol, the received constellation is a pretty uniform 2D random variable.

## Intelligible zone with a few array sizes

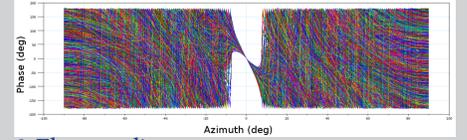
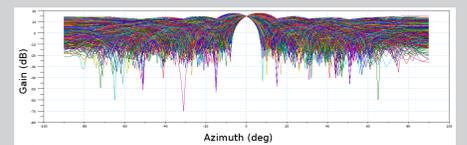
# Array Elements <=> Space Partitioning Resolution



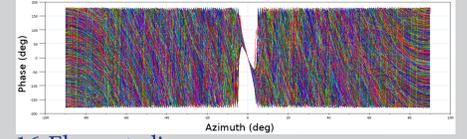
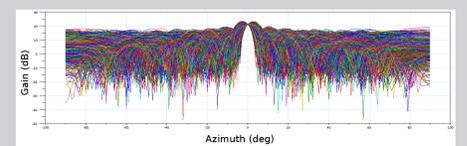
4-Elements linear array



6-Elements linear array



8-Elements linear array



16-Elements linear array

## Experimentals results

