```
bool
            +fr1 non shared fdd
                 r16 present
            +fr1 non shared tdd
                 r16 present
            +fr1 shared tdd r16
               present
              +fr2 r16 present
asn1::rrc nr::pucch
grp carrier types r16 s
        pack()
        unpack()
         to ison()
   +
            +carrier for csi meas
            +carrier for csi
                 report r16
  asn1::rrc nr::carrier
   _type_pair_r16 s
    + pack()
    + unpack()
        to json()
    +
```