```
Agent

    m_map

             - m_id
             m_clock
             + Agent()
             + Agent()
             + ~Agent()
             + operator
             + getMap()
             + getClock()
             + getId()
             + toString()
                   Δ
             LocatableAgent
          - m_location
          + LocatableAgent()
          + ~LocatableAgent()
          + toString()
          + getLocation()
          + setLocation()
          + dumpLocation()
                   Δ
            ImmovableAgent
          + ImmovableAgent()
          + ~ImmovableAgent()
          + toString()
                Antenna
- m_ple
- m_power
- m maxConnections
- m_Smid
- m_SSteep
m_cellm_devices
- m_type
- m_file
- m_S0
m_height
- m_tilt
- m_beam_V
- m_beam_H
- m_azim_dB_Back
m_elev_dB_Back
- m_direction
- m_MNO
- m_rmax
- m Smin
- m_Qmin
m_mapping_azim
m_mapping_elev
m_sd_azimm_sd_elev
- m_handoverMechanism
+ Antenna()
+ Antenna()
+ ~Antenna()
+ toString()
+ tryRegisterDevice()
+ attachDevice()
+ dettachDevice()
+ getType
+ computeSignalQuality()
+ computeSignalQuality()
+ computePower()
+ computePower()
+ getMNO()
+ getAntennaOutputFileName()
+ getRmax()
+ dumpCell()
+ computeSignalStrength()
+ setHandoverMechanism()
+ dumpSignal()
+ getHeader()
alreadyRegistered()
registerEvent()
- getNumActiveConections()
- S0()
- SDist()
- computeSignalQualityOmnidirectional()

    computeSignalQualityDirectional()

- computeSignalStrengthDirectional()
- computeSignalStrengthOmnidirectional()
setLocationWithElevation()
- projectToEPlane()
- createMapping()
- getMin3db()
norm_dBLoss()
- normalizeAngle()
searchMin()
- findSD()
- getCoverageAreaOmnidirectional()
getCoverageAreaDirectional()
- S()
- getCoverageArea()
computeSignalStrength()
```

computeSignalMeasure()