```
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_max
- m_Smin
- m_Qmin
m_mapping_azim
m_mapping_elev
m_sd_azimm_sd_elev
- m_handoverMechanism
+ Antenna()
+ Antenna()
+ ~Antenna()
+ toString()
+ tryRegisterDevice()
+ attachDevice()
+ dettachDevice()
+ 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()
```