```
- m map
              - m_id
             - m_clock
              + Agent()
              + Agent()
              + ~Agent()
              + operator==()
              + getMap()
              + getClock()
              + getId()
              + toString()
                    Д
             LocatableAgent

    m location

          + LocatableAgent()
           + ~LocatableAgent()
           + toString()
           + getLocation()
           + setLocation()
           + dumpLocation()
                    Δ
             ImmovableAgent
          + ImmovableAgent()
          + ~ImmovableAgent()
          + toString()
                Antenna
- m_cell

    m_devices

- m_file
- m_S0
- m_rmax
- m_mapping_azııı
- m_mapping_elev
    _mapping_azim
- m_sd_azim
- m_sd_elev

    m_eventFactory

- m_antennaConfig
    _simConfig
- EventHeaderCellID
- EventHeaderCelIIDTA

    delta4G

    delta3G

    MAXTA4G

    MAXTA3G

+ Antenna()
+ ~Antenna()
+ toString()
+ tryRegisterDevice()
+ dettachDevice()
+ getType()
+ computeSignalDominance()
+ computeSignalDominance()
+ computePower()
+ computePower()
+ getMNO()
+ getAntennaOutputFileName()
+ getRmax()
+ dumpCell()
+ computeSignalStrength()
+ dumpSignal()
+ getHeader()
+ getEventHeader()
- attachDevice()
- alreadyRegistered()
- registerEvent()
- getNumActiveConections()
- S0()
- SDist()

    computeSignalQualityOmnidirectional()

    computeSignalQualityDirectional()

- computeSignalStrengthDirectional()
- computeSignalStrengthOmnidirectional()
- setLocationWithElevation()
projectToEPlane()
- createMapping()
getMin3db()
- norm_dBLoss()
- normalizeAngle()
- searchMin()
findSD()
- getCoverageAreaOmnidirectional()
getCoverageAreaDirectional()
- setCell()
- S()
getCoverageArea()
- computeSignalStrength()
computeSignalMeasure()buildEventConfig()
getMaxConnections()
- getPower()
getAttenuationFactor()
getTypeName()
- getSmin()
getQmin()
getSmid()
- getSSteep()
getTilt()
getAzimDBBack()
- getElevDBBack()
getBeamH()
getBeamV()
```

getDirection()getHeight()

Agent