# DiscoveryInformation data type of MEDIA_SAP

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# Abstract

- **This contribution introduces proposal on modification of the DiscoveryInformation data type definition of the COEX_MEDIA_SAP**

# Current definition

DiscoveryInformation ::= SEQUENCE{

    geolocation                           Geolocation

    maxTxPower                      REAL,

    rxSensitivity                   REAL,

    antennaGain                   REAL,

    minReqSNR                    REAL,

    TolerableInterferenceLevel   real,

    antennaHeight                REAL,

    …

}

# Proposed definition

DiscoveryInformation ::= SEQUENCE{

| | |
|---|---|
| geolocation | Geolocation, |
| maxTxPower | REAL, |
| rxSensitivity | REAL, |
| antennaGain | REAL, |
| minReqSNR | REAL, |
| tolerableInterferenceLevel | REAL, |
| **RSSI** | **REAL,** |
| **tolerableInterferenceLevelOfSTA** | **REAL,** |
| antennaHeight | REAL, |
| **maxNumOfSTAs** | **INTEGER,** |
| … | |

}

# Rationale

- **RSSI, tolerableIntererenceLevelOfSTA, and maxNumOfSTAs** are needed for neighbor discovery