IEEE P802.19
Wireless Coexistence

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| Proposed resolution to comment to clause 4.3.2 to AvailableChannelsInformation data type |
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Abstract

This document is a submission to IEEE 802.19 TG1 proposing resolution to comment to clause 4.3.2 to AvailableChnanelsInformation data type.

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# Comment

To simplify CM operation it is better to provide available channel information during the registration.

# Proposed resolution

*It is proposed to add the new data type definition to the clause 4.3.2 after the definition of the DiscoveryInformation data type as shown below:*

Modulation ::= ENUMERATED {

 ofdm

}

Antenna ::= SEQUENCE {

 beamDirection REAL, -- degree

 directivityGain REAL -- dBm

}

ListOfAntenna ::= SEQUENCE OF Antenna

ListOfPowerAtBreakpoints ::= SEQUENCE OF REAL

SpectrumMask ::= SEQUENCE {

 frequencyRange FrequencyRange,

 maximumPower REAL,

 bandwidth REAL,

 powerAtBreakpoints ListOfPowerAtBreakpoints

}

ListOfSpectrumMask ::= SEQUENCE OF SpectrumMask

FccParam ::= SEQUENCE {

 deviceFCCID OCTET STRING,

 deviceSN OCTET STRING

}

OfcomParam ::= SEQUENCE {

 deviceID OCTET STRING,

 deviceSN OCTET STRING,

 modulation Modulation,

 listOfAntenna ListOfAntenna,

 listOfSpectrumMask ListOfSpectrumMask

}

ParametersForDBAccess ::= CHOICE {

 fcc CxMediaFccParam,

 ofcom CxMediaOfcomParam

}

DatabaseInformation ::= SEQUENCE {

 dbIpAddress IA5String,

 dbPortNumber INTEGER,

 parameters ParametersForDBAccess

}

AvailableChannelsInformation ::= CHOICE {

 listOfAvailableFrequencies AvailableChannelList,

 databaseInformation DatabaseInformation

}