IEEE P802.19
Wireless Coexistence

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| Proposed resolution to comment to clause 4.3.2 to DiscoveryInformation 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 DiscoveryInformation data type.

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# Comment

According to some radio regulations, list of locations need to be considered.

Min Tx power and TPC resolution are needed for power control.

Some of the parameters do not follow ASN.1 format.

Noice figure is needed for discovery.

# Proposed resolution

*It is proposed to modify DiscoveryInformation data type definition in the clause 4.3.2 as shown below:*

DiscoveryInformation ::= SEQUENCE{

geolocation SEQUENCE OF Geolocation,

maxTxPower REAL,

minTxPower REAL,

powerControlResolution REAL,

rxSensitivity REAL,

antennaGain AntennaGain,

minReqSNR REAL,

tolerableInterferenceLevel REAL,

rssi REAL,

tolerableInterferenceLevelOfSTA REAL

antennaHeight REAL,

maxNumOfSTAs INTEGER,

noiseFigure REAL,

noiseFigureOfSTA REAL,

…

}