

Resources Parameters

Description

The Resources Parameters (Rs-Pm) domain depicts the measurements of resources.

The intended usage of the Resources Parameters (Rs-Pm) domain includes:





- Definition of performance characteristics and measurements.
- Identification of non-functional requirements.

Implementation













The Resources Parameters (Rs-Pm) domain is represented by:

- [Environment diagram](#)
- [Typical Measurements table](#)
- [Hierarchical Typical Measurements table](#)
- [Actual Measurements table](#)
- [Hierarchical Actual Measurements table](#)
- [Resources Parametric diagram](#)
- [Actual Measurements \(.xlsx\)](#).

Samples

#	Property Set
1	 Status Alerting
2	 Signal Processor
3	 Transmitter
4	 Receiver

An example of the typical measurements table

#	Property Set	Performance Requirement	Measure	Metric
1	 Receiver	Signal To Noise Ratio	20	 dB
2	 Receiver	Gain	60	 dB
3	 Signal Processor	Comms Channel Bandwidth Support	2	 GB
4	 Status Alerting	Min. Alert Response Time	30	 seconds
5	 Status Alerting	Min. Status Change Alert Accuracy	500	 meters
6	 Transmitter	Transmission Rate	2	 GB

An example of the actual measurements table

Related elements

- [Actual Measurement](#)
- [Actual Measurement Set](#)
- [Actual Property Set](#)
- [Capability Configuration](#)
- [Measurement](#)
- [Measurement Set](#)
- [Organization](#)
- [Post](#)
- [Property Set](#)
- [Resource Artifact](#)
- [Software](#)

Related procedures

- [Working with Resources Parametric diagram](#)
- [Working with Typical Measurements table](#)
- [Creating Actual Measurements table](#)
- [Working with hierarchical Typical Measurements table](#)
- [Working with hierarchical Actual Measurements table](#)
- [Generating an Actual Measurements table from a Typical Measurements table](#)
- [Generating document based reports](#)