ePMP Updates

Dmitry Moiseev
Sakid Ahmed

ePMP Elevate for Mikrotik

- ## Open beta in place

- ## Units planned to support:
  - SXT5 Lite(Available for beta today)

    Future models to be supported (Timeline TBD)
  - SXT5
  - SXT2 Lite
  - SXT2
  - LHG-5
  - Sextant 5GHz

Location of Beta SW

Limitations:
only 20/40MHz channels are supported
only 5ms TDD frame mode is supported
cnMaestro is not supported yet
No over the air upgrade supported

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Mikrotik ePMP Elevate Beta

Dmitry Moiseev Moderator

4 weeks ago

Mikrotik ePMP Elevate Beta 🔗 🖼

You can download ePMP Elevate beta files using the following link:
https://drive.google.com/drive/folders/157Kkd3jNBzEeeKPE2XTESt8pW2piXX5i?usp=sharing

ePMP3000 – Doubling sector throughput + Beam forming

Double the sector throughput

ePMP 3000
- **1.8GHz dual Core ARM+RF chip**
- **Beam Steering**
- **4X4MUMIMO**
- **Dynamic filtering**
- **Double the sector tput**

Epmp3000 4x4 MUMIMO + BSA + 4x4 Antenna

F300

F300 25dBi dish ~500Mbps (80MHz + 256QAM) PTP + MUMIMO Client Narrow beamwidth eFortify

F220

F220 16dBi Integrated (500Mbps, 80MHz + 256QAM) PTP/Bridge in a box + MUMIMO Client
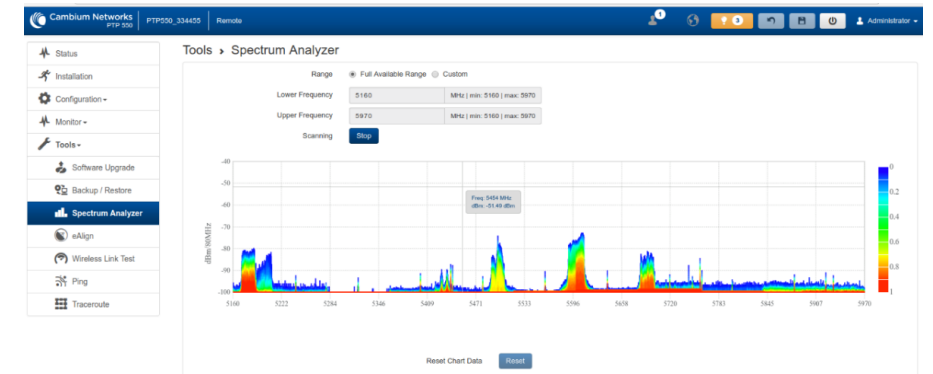
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Force 300-25: Updates

Currently shipping worldwide

Current capabilities -

- 20/40MHz peak tput supported

- Online spectrum analyzer (real time without a reboot)

- TDD mode only with fixed UL/DL ratios

Limitations –

- Beta SW available for download on the support site

- 20/40 MHz support

- 80MHz has tput limitations we are addressing in the next release

- 5.1 & 5.8 only for FCC (DFS channels in upcoming releases)

Upcoming roadmap

F300 – Release software version 4.1 in early May

- 80MHz peak tput support
- Various defect fixes

Additional frequent releases beyond 4.1

- Bring in FCC support for DFS bands
- Forwards compatibility to e1K/e2K

ePMP 3000 Development Update
- Focusing on backwards compatibility and performance improvements
- MUMIMO operation