

SOFTWARE RELEASE NOTE # 22

February 20, 2015

To: All EMxpert ERX+ End-Users

Re: Software Release 5.0.1.15 and Firmware Release 1.5.6

EMSCAN is pleased to provide a software and firmware release for the new ERX+ units. The capabilities of the current software are listed below. There are also some limitations to the software capabilities of the current release. These limitations will be addressed in future releases.

FW 1.5.6 Release Notes

Supported Features with Known Limitations

1. Spatial Scans

- Levels 1-7 working
- Top left cell result of any scan is missing
- With a 976 kHz RBW the alternate columns are shifted by 1-2dB creating a slight banding
- Frequencies can only be set to integer values
- Minimum RBW is 122 kHz
- After running a continuous scan the unit must be rebooted before running a single scan

2. Spectral Scans

- Maximum spectral frequency is 7950 MHz
- Minimum RBW is 122 kHz
- Frequency range cannot straddle 50 MHz
 - a. Sweep must be between 0.15 MHz or 50 MHz and 50 MHz - 7950 MHz
- After running a continuous scan the unit must be rebooted before running a single scan

3. Spectral Comparison is fully supported

4. Spatial Comparison is fully supported

5. Spectral Overlay is fully supported

6. Report Generator is fully supported

7. Reset to factory default is enabled

8. Firmware Upgrades can be done over a Web browser (*except with Internet Explorer*)

Unsupported Features

1. Spectral scan peak marking not working
 - No inherited peak list will be generated in child spatial scan
2. Spectral/Spatial scan is not supported
3. Hand-held Probe scan is not supported
4. Probe compensation is not supported
5. Internal pre-amp gain not compensated in the display of the signal amplitude
6. External LNA/Attenuator mode is not supported