



**Dynamic Sciences International, Inc**

***DSI-600 EMI TEST RECEIVER SERIES***

**Step into the future of fully compliant EMI test systems  
with the DSI 600 EMI test & measurement receiver.**



The DSI-600 state-of-the-art super heterodyne receiver operates from 20 Hz to 40 GHz. Highly specialized for both MIL-STD and CISPR Compliance testing.

The DSI-600 receivers includes 34 IF Resolution Bandwidths using 6dB filters ranging from 100 Hz to 15 MHz. The FFT filters use 6dB bandwidths and range from 10 Hz to 50 Hz.

The frequency stability of the instrument is maintained by an oven controlled oscillator at 0.05 ppm with aging factor of 1 ppm per year. Excellent low noise figures are exhibited by the platform normally at 10dB.

The noise floor of the instrument in a 200 Hz bandwidth typically -37dB/uV or at 9 KHz typically at -17dB/uV. There is 80dB rejection over the entire frequency range of the receiver.

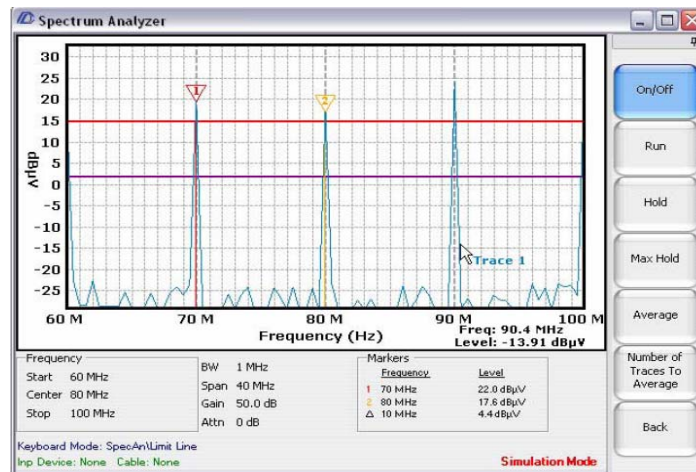
Internal preselectors 120 kHz to 16.5 Mhz selectable, on and off switch. Internal preselectors 16.5 MHz to 40 GHz always on.

The powerfully integrated receiver technology provides the user with the combined computational strength of the on-board computer, high speed data acquisition, enhanced spectrum analyzer display, and DSII's EMIT software. The DSI-600 is an all-in-one multi-functional resource that provides fast and accurate test results and reports. The DSI-600 series of receivers provides the user with the traditional perfect blend of power and value that is a signature of other DSII systems. DSII offers you performance measurements with low

noise sensitivity in a single receiver without the extra expense of additional preselectors, preamplifiers, or software. All these features come standard in all our receivers.

## **DSI-600 EMI TEST RECEIVER SERIES**

The DSI-600 Series focuses on making a complete system configuration available for conducted and radiated emission testing to meet EMI Test Suites fully compliant to CISPR 16-1, FCC, ANSI, DO-160, EN, MIL-STD-461 and other user defined testing requirements.



- ◆ Frequency Ranges of Operation to 2, 4, 12.5, 26.5 & 40 Ghz
- ◆ State-of-the-Art Receiver Measurement Accuracy
- ◆ Simultaneous detection modes: peak, quasi-peak, average, RMS
- ◆ Powerful Embedded PC processor to handle complex embedded algorithms
- ◆ Integrated 8.5" TFT color display
- ◆ Intuitive and user-friendly Graphical User Interface
- ◆ Remote Operation via standard SCPI command set
- ◆ Powerful integrated test plan module with annotated result files/graphs for export
- ◆ AC & DC Powered



**“ Performance Measurements “**

**Made in the USA**

**[www.dynamicsciences.com](http://www.dynamicsciences.com)**