Spectrum Analyser ToolKit SAT1 PRO

Features

- 2 MHz … 2400 MHz noise source 10dB ENR nominal with individual calibration table to 0.1dB resolution
- Calibration frequencies: 30, 50, 70, 144, 220, 432, 902, 1296, 1420 and 2300 MHz
- VSWR <1.15:1 noise on or off (RL >23dB); Pulse mode at 5Hz
- High gain Very Low Noise Amp (VLNA) with <1dB NF to 1420 MHz and <2dB at 2.4GHz
- Professional grade performance with flat noise source and LNA frequency response

Applications

- Preamplifier and transverter sensitivity peaking, noise figure and gain measurements
- Noise figure peaking using the pulsed noise mode
- Ultrahigh sensitivity testing, reduce your spectrum analyser noise floor below -170dBm/Hz with the flat VLNA
- Noise source plus VLNA provide a flat power source … tracking generator substitute
- Two port response sweeping of amplifiers, filters and cables

Electrical specifications at 20°C

model	Frequency (MHz) min max	ENR (dB) min max	50 Ω VSWR max	Pulse mode (Hz)	Gain	Noise figure	DC power Volt Current mA max
SAT1		(-0.03dB/°C)					11.0 – 15.0 170
SAT1 noise source	2 2400	9.5 10.5	<1.15:1	5			
SAT1 VLNA	30 2000				32dB +/-2dB (25dB @ 2.4GHz)	<1dB <1420MHz <2dB @ 2.4GHz	

Continental Compliance Ltd

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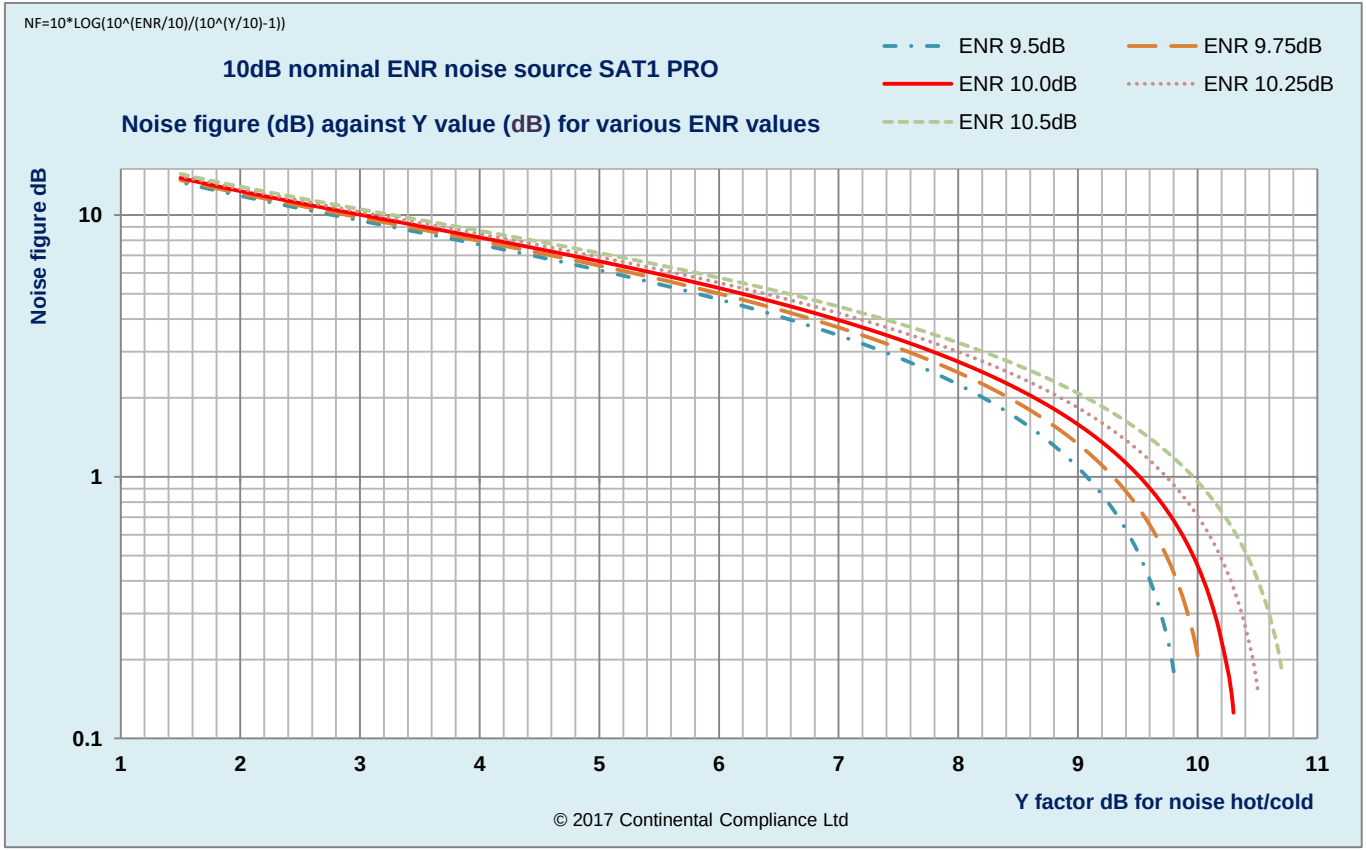
Please visit *www.g8fek.com* for SAT1 application notes



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