

**AFJ PG5502**  
**DISTURBANCE ANALYSER PULSE GENERATOR**


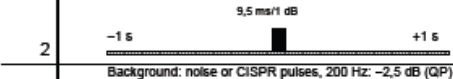
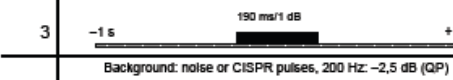
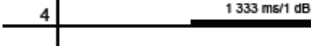
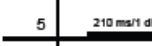





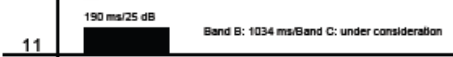
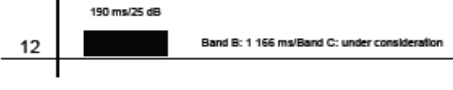


AFJ PG5502 Disturbance Analyser Pulse generator has been designed and manufactured for checking with standard impulses according to CISPR 16-1-1 Table 14 and CISPR 16-1-1 Annex F Table F.1 or CUSTOM impulses defined by the user the functionality of any brand click meter or analyser full compliance to CISPR 16-1-1 and used for click measurements according to CISPR 14-1. The instrument can be used also like CW Generator. The equipment can be used in stand alone mode or remotely controlled by software through the PC.










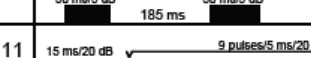


Technical Specification

***CISPR16-1-1 Full Compliance Pulse Generator***

Duration of the pulses:  $110\mu\text{s} \pm 1.3\text{s}$  (Accuracy  $\pm 3\%$ )  
 Rise Time of the pulses:  $< 1\mu\text{s}$   
 Click analyser test level:  $60\text{dB}\mu\text{V}$   
 RF Level:  $30 \pm 112\text{dB}\mu\text{V}$   
 Frequency range:  $150\text{kHz} \pm 30\text{MHz}$   
 Frequency precision:  $< 30 \times 10^{-6}$   
 Impedance:  $50\Omega$   
 Power Supply: AC 230V/50Hz 115V/60Hz

Test No.	Test signal	Evaluation by the analyzer
1		1 click
2		1 click
3		1 click
4		Other than click
5		Other than click
6		Other than click
7		1 click
8		2 clicks
9		Other than click
10		1 click
11		2 clicks
12		1 click

CISPR 16-1-1 Table 14

Test No	Test signal	Evaluation by the analyzer
1		1 click $\leq 10$ ms
2		1 click $\leq 10$ ms
3		1 click $> 10$ ms, $\leq 20$ ms
4		1 click $> 10$ ms, $\leq 20$ ms
5		1 click $> 20$ ms
6		1 click $> 20$ ms
7		1 click $\leq 600$ ms (DUT programme-controlled)
8		Continuous $\geq 600$ ms
9		1 click $\leq 600$ ms (counted as 2 clicks refrigerator rule)
10		for $N < 5$ - 2 clicks for $N \geq 5$ - continuous, or 1 click $\leq 600$ ms for programme controlled DUT
11		36 clicks $\leq 10$ ms 4 clicks $> 10$ ms, $\leq 20$ ms
12		35 clicks $< 10$ ms 5 clicks $> 10$ ms, $\leq 20$ ms

CISPR 16-1-1 Annex F Table F.1



AFJ Instruments  
Via Corno di Cavento 5  
20148 Milan – Italy  
Phone +39 02 91434850  
sales@afj-instruments.com  
www.afj-instruments.com