Comparison of the LDG RT-11 and the SGC SG-237.

I did a small test to compare my **LDG RT-11 Autotuner** and my **SGC SG-237 Smartuner**.
I tested the tuners with two antennas, one approximately 20 m long, lying on the floor in an underground garage, the other approximately 4 m long, lying on the floor in the same underground garage. Both tuners where forced to retune 3 times on each band to ensure that results obtained was consistent. The SWR was measured using an external SWR meter mounted between the antenna tuner and the transceiver. The SWR was measured with 100 watts output on all bands, except when the SWR was higher than 2. At SWR values higher than 2, the transceiver cut back on power. However, this should not affect the SWR readings too much.

Antenna: Wire, approx 20 m long.		
Band:	**SWR into transceiver with the LDG RT-11 Autotuner**	**SWR into transceiver with the SGC SG-237 Smartuner**
160 m	3,0	2,0
80 m	Not able to tune.	1,7
40 m	1,5	1,0
30 m	2,5	1,0
20 m	3,0	1,0
17 m	1,0	1,0
15 m	2,5	1,0
12 m	1,0	1,0
10 m	1,3	1,0
6 m	1,5	1,0

Antenna: Wire, approx 4 m long.		
Band:	**SWR into transceiver with the LDG RT-11 Autotuner**	**SWR into transceiver with the SGC SG-237 Smartuner**
160 m	Not able to tune.	Not able to tune.
80 m	3,0	1,0
40 m	1,3	1,0
30 m	1,2	1,0
20 m	1,0	1,0
17 m	1,0	1,5
15 m	1,0	1,0
12 m	1,3	1,0
10 m	2,8	1,5
6 m	1,3	1,0

Please note:
This is only a practical test, not an in-depth scientific test. The test only tells how the two tuners where able to tune two antennas made of random wire of two different lengths. All other antennas will give different results.

73 de LA8OKA Martin

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