

Sample	Elapsed Time hh:mm:ss	Time Interval mm:ss	Character String Broadcast	
1	00:05:37		WQEW9E	WQEW973 is the correct call sign
2	00:21:48	16:11	WQEW9N	
3	00:37:57	16:09	WQEW9G	
4	00:53:59	16:02	W	
5	01:10:02	16:03	WQEW9M	
6	01:26:08	16:06	WQEW9M	
7	01:42:14	16:06	WQEW9G	
8	01:58:18	16:04	WQEW9M	
9	02:14:29	16:11	WG	
10	02:30:40	16:11	WQEW9	
11	02:46:51	16:11	WQEW9T	
12	03:03:02	16:11	WQEW9M	
13	03:19:12	16:10	WQ	
14	03:35:23	16:11	WQEW9M	
15	03:51:32	16:09	WQEW9T	
16	04:07:36	16:04	WQEW9 ▼	▼ indicates a non-Morse-code character
17	04:23:38	16:02	WQEW9G	
18	04:39:40	16:02	WQEW9N	
19	04:55:43	16:03	WQEW9M	
20	05:11:49	16:06	WM	

0 Number of correct call-sign broadcasts  
0% Percentage of correct call-sign broadcasts

20 Number of incorrect call-sign broadcasts  
100% Percentage of incorrect call-sign broadcasts  
12 Number of distinct incorrect character strings

16:07 Average interval of call-sign broadcasts

Radio modem tested was Trimble TDL450H S/N 11222347.

Configuration of radio modem was as shown in record timestamped 2012-09-22T08:11:23.

Broadcast format was CMR.

Data was GPS only from a Trimble NetRS receiver via internet connection.

Recording (and timing shown above) started at a random time several minutes after radio modem began broadcasting.

## Radio ADL, Model 11 Serial Number 11222347

ADLCONF V3.04.2149

Sep 22, 2012 08:11:23

### ----- Identification

Model Name: ADL Vantage Pro  
Firmware Version: 3.04.2300  
Product Serial Number: 11222347  
Backup Serial Number: Empty  
Board Serial Number: 248770  
Call Sign: WQEW973  
Owner: GDA307-587-3411  
Frequency Range: 430-473 MHz  
Frequency Resolution: 25.000 kHz

### Error Log

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There are 0 Error logs stored in this radio

### Radio Link

-----  
Channel Mode: MANUAL  
Current Channel: 01 RX 451.30000 MHz TX 451.30000 MHz BW 12.50000 kHz  
CSMA: On  
Link Rate: 9600  
Modulation Type: GMSK  
Sensitivity: Low (Base)  
RX LED: DATA  
Scramble Control: On  
Forward Error Correction: Off  
Transmit Retries: 10  
TX ACK Timeout: 10ms  
Local Address: 0  
Destination Address: 255  
TX Delay: (not used)  
TX Power Limit: 35W  
TX Power Setting: 35W  
Repeater: Off  
Auto Power Off Enabled: On  
Auto Power Off: 10.00 volts  
Auto Power Offset: 1.00 volts  
Antenna Detection: On

### Serial Interface

-----  
Baud Rate: 9600  
Soft Break Disabled: Off  
Protocol Mode: TRIMMARK 3  
EOT Timeout: (not used)  
EOT Character: (not used)  
Security Code: Off  
Break to Command: Off  
LCD backlight off: On  
KeyPad: On

### System

-----  
Country Code: US/Canada

### Frequency Table

-----  
Channel RX Frequency TX Frequency  
01 451.300000 MHz 451.300000 MHz  
02 451.325000 MHz 451.325000 MHz  
03 451.400000 MHz 451.400000 MHz

**Radio ADL, Model 11 Serial Number 11222347**

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04	456.300000 MHz	456.300000 MHz
05	456.400000 MHz	456.400000 MHz