

Sample	Elapsed Time hh:mm:ss	Time Interval mm:ss	Character String Broadcast	
1	00:11:15		WQEW973	WQEW973 is the correct call sign
2	00:27:24	16:09	WQEW973	
3	00:43:32	16:08	WQEW973	
4	00:59:40	16:08	WQEMOE73	
5	01:15:51	16:11	WQEW ▼TS ▼	▼ indicates a non-Morse-code character
6	01:31:51	16:00	WGEW973	
7	01:47:51	16:00	WQEW9Z3	
8	02:03:50	15:59	WQEW973	
9	02:19:50	16:00	WQEW973	
10	02:35:49	15:59	WQEW973	
11	02:51:50	16:01	WQEW973	
12	03:08:05	16:15	WQEW9Z3	
13	03:24:04	15:59	WKEW9MI3	
14	03:40:04	16:00	WQEW973	
15	03:56:03	15:59	WQEW973	
16	04:12:03	16:00	WQEW9TS3	
17	04:28:03	16:00	WQEW973	
18	04:44:02	15:59	WQEW ▼73	
19	05:00:02	16:00	WQEW973	
20	05:16:06	16:04	WQEW973	

12 Number of correct call-sign broadcasts
60% Percentage of correct call-sign broadcasts

8 Number of incorrect call-sign broadcasts
40% Percentage of incorrect call-sign broadcasts
7 Number of distinct incorrect character strings

16:03 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 2012-09-23T08:12:56.

Broadcast format was CMRx.

Data was GPS + GLONASS from a Trimble R8 Model 3 receiver via direct cable 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 23, 2012 08:12:56

----- Identification

Model Name: ADL Vantage Pro
Firmware Version: 3.04.2304
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: 12.500 kHz

Error Log

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: 2W
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

04	456.300000 MHz	456.300000 MHz
05	456.400000 MHz	456.400000 MHz