

There is plenty of spectrum available in rural areas.

Anonymous

Africa underutilising TV white spaces

By [Admire Moyo](#), ITWeb's portals deputy editor.
Johannesburg, 11 Jun 2013

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Though many **African** countries are showing interest in TV white space frequencies, the majority of countries are underutilising the technology.

This emerged at the TV White Spaces & Dynamic Spectrum Africa Forum, which took place in Dakar last week and was **hosted** by Google, Microsoft, the Association for Progressive Communications (APC), AFRINIC and the **Internet** Society Senegal Chapter. The forum convened more than 100 people, including ICT regulators, Internet service providers, equipment manufacturers, academics and civil society organisations, all looking for innovative ways to improve Internet access on the continent.



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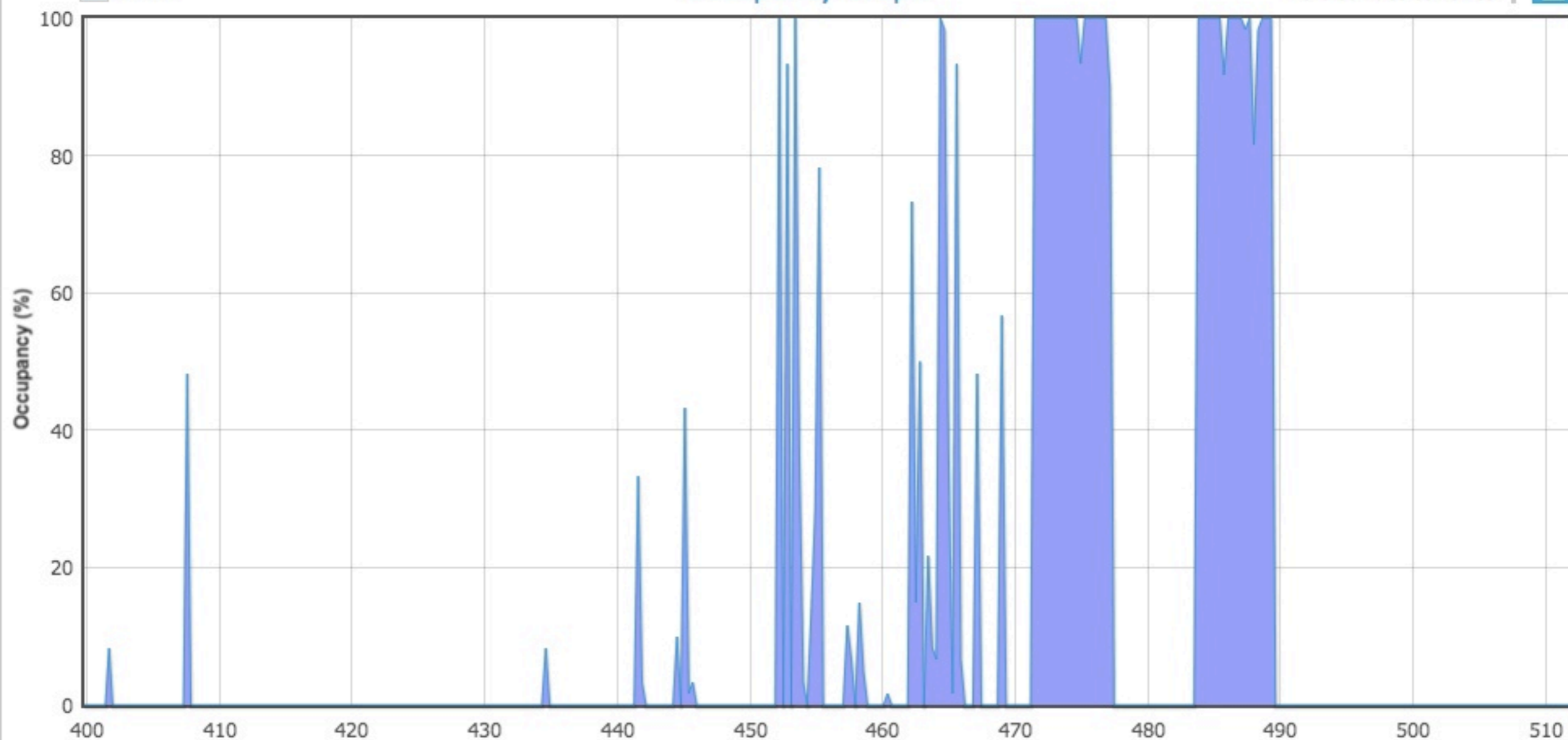
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MHz: 000.00

0.00%

Occupancy Graph

Station : Seattle GPS : 47.621571 , -122.33808
TV 14-20, Aero Nav, Radio Astronomy (400MHz -512MHz)
2013-06-16 00:00 - 01:00





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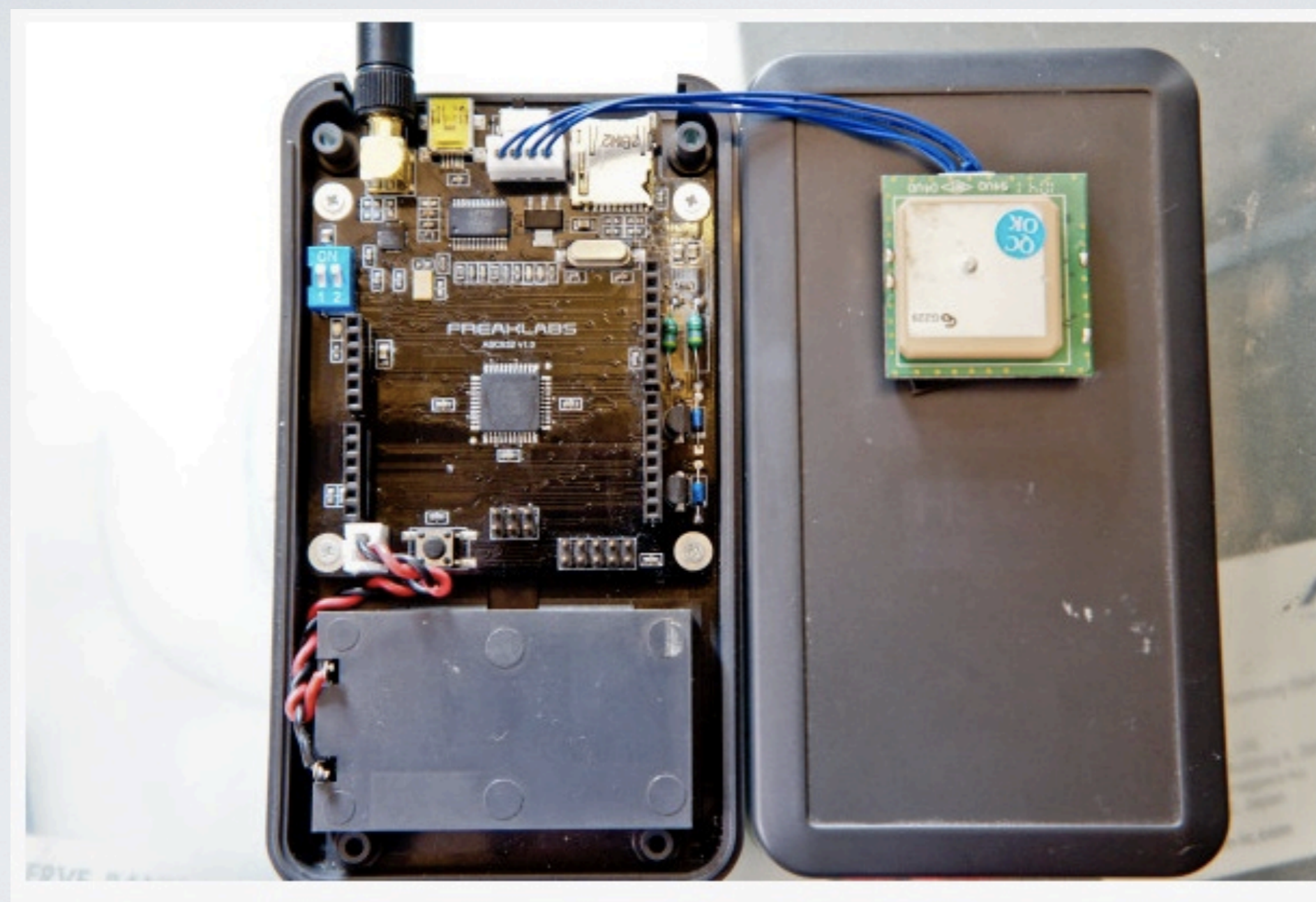
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Channel numbering and channel boundaries

TABLE A.3.1-2

DVB-T channel arrangement in Bands IV and V

Channel number	Channel boundaries (MHz)		Assigned frequency (MHz)
Band IV			
21	470	478	474
22	478	486	482
23	486	494	490
24	494	502	498
25	502	510	506
26	510	518	514
27	518	526	522
28	526	534	530
28 29	534	542	538
BT 30	542	550	546
31	550	558	554
32	558	566	562
33	566	574	570
34	574	582	578
Band V			
LL 35	582	590	586
36	590	598	594
37	598	606	602
38	606	614	610

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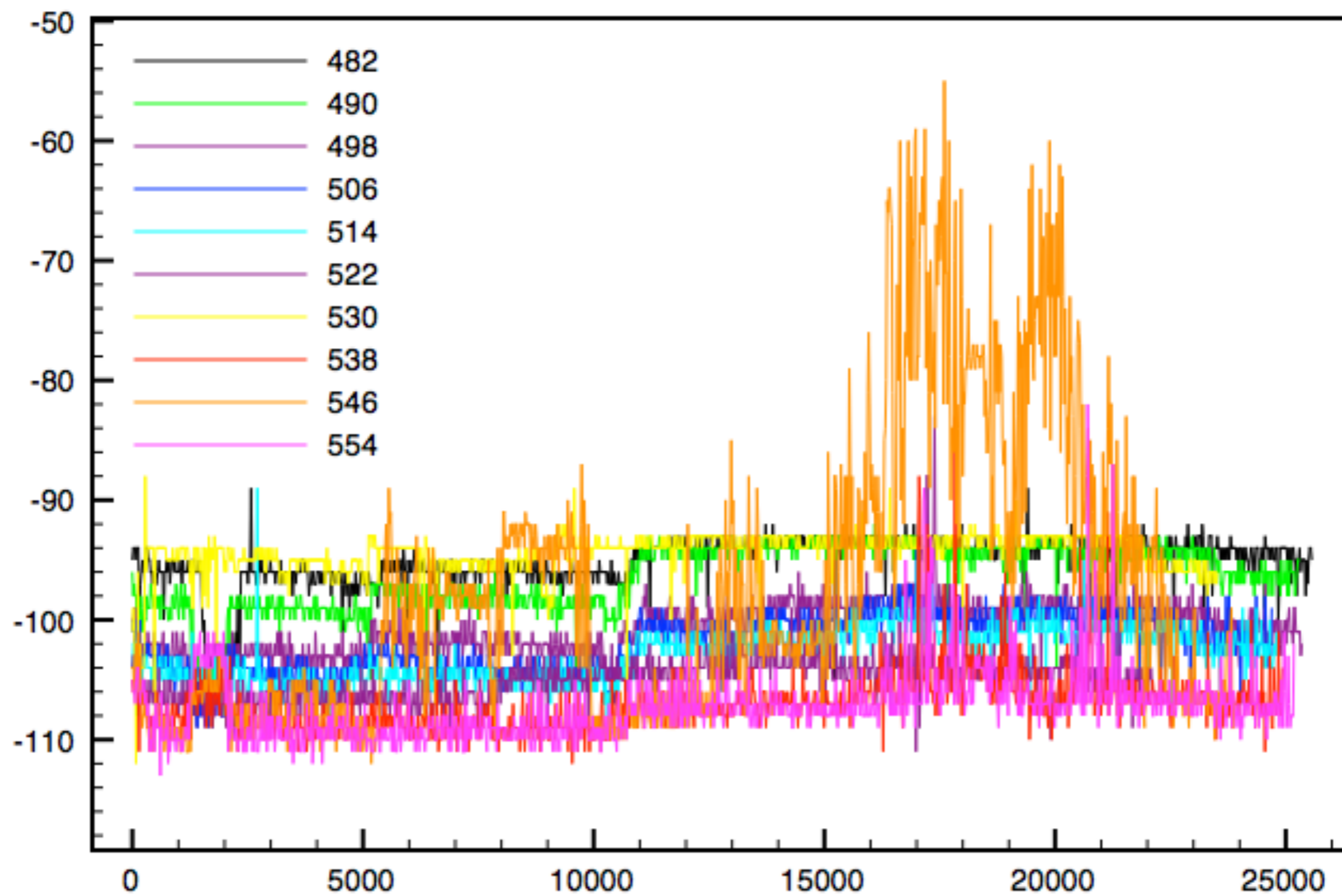
25, 29, 35, 40, 41, 42

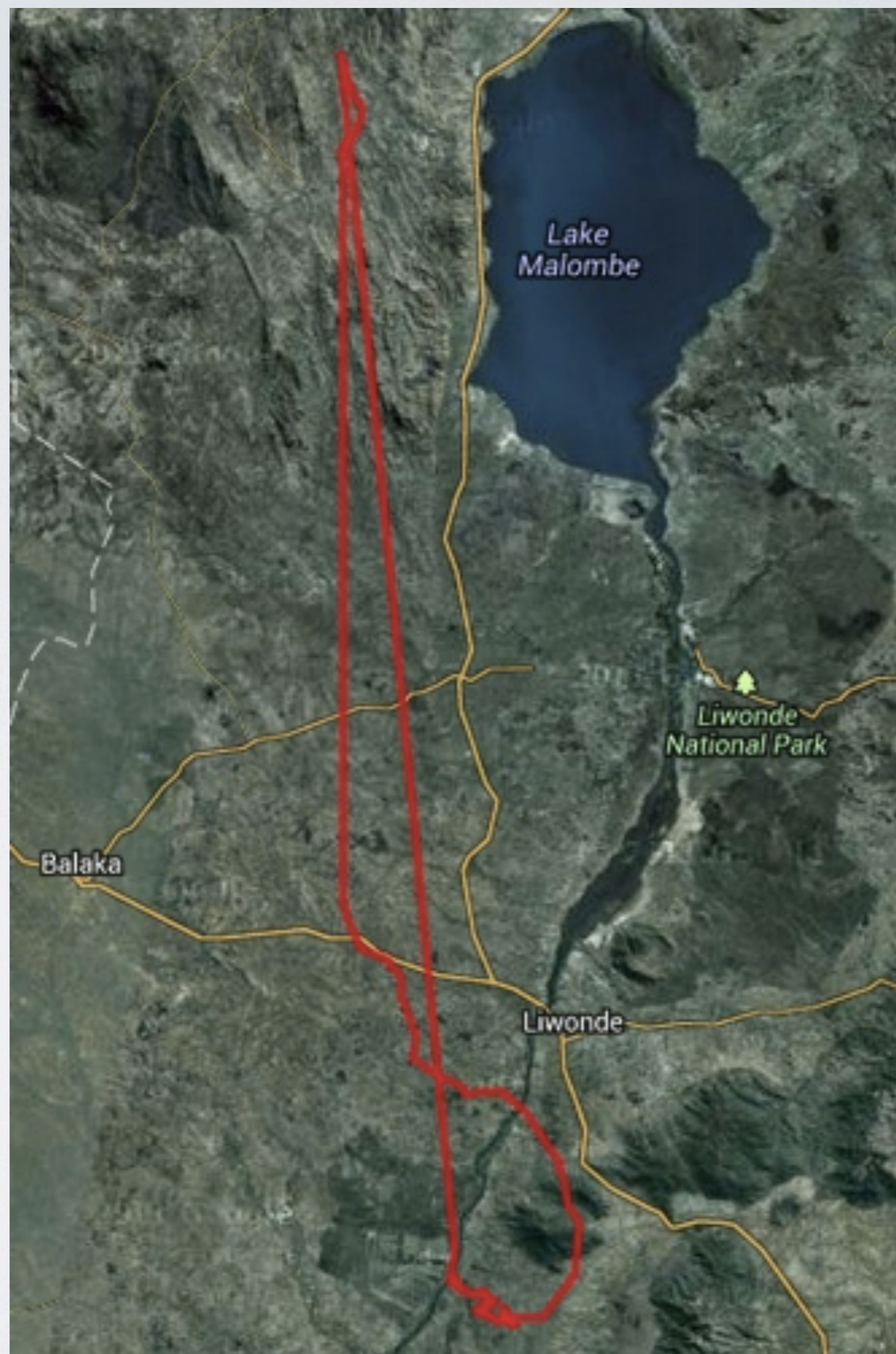
22, 23, 30, 32, 34, 42

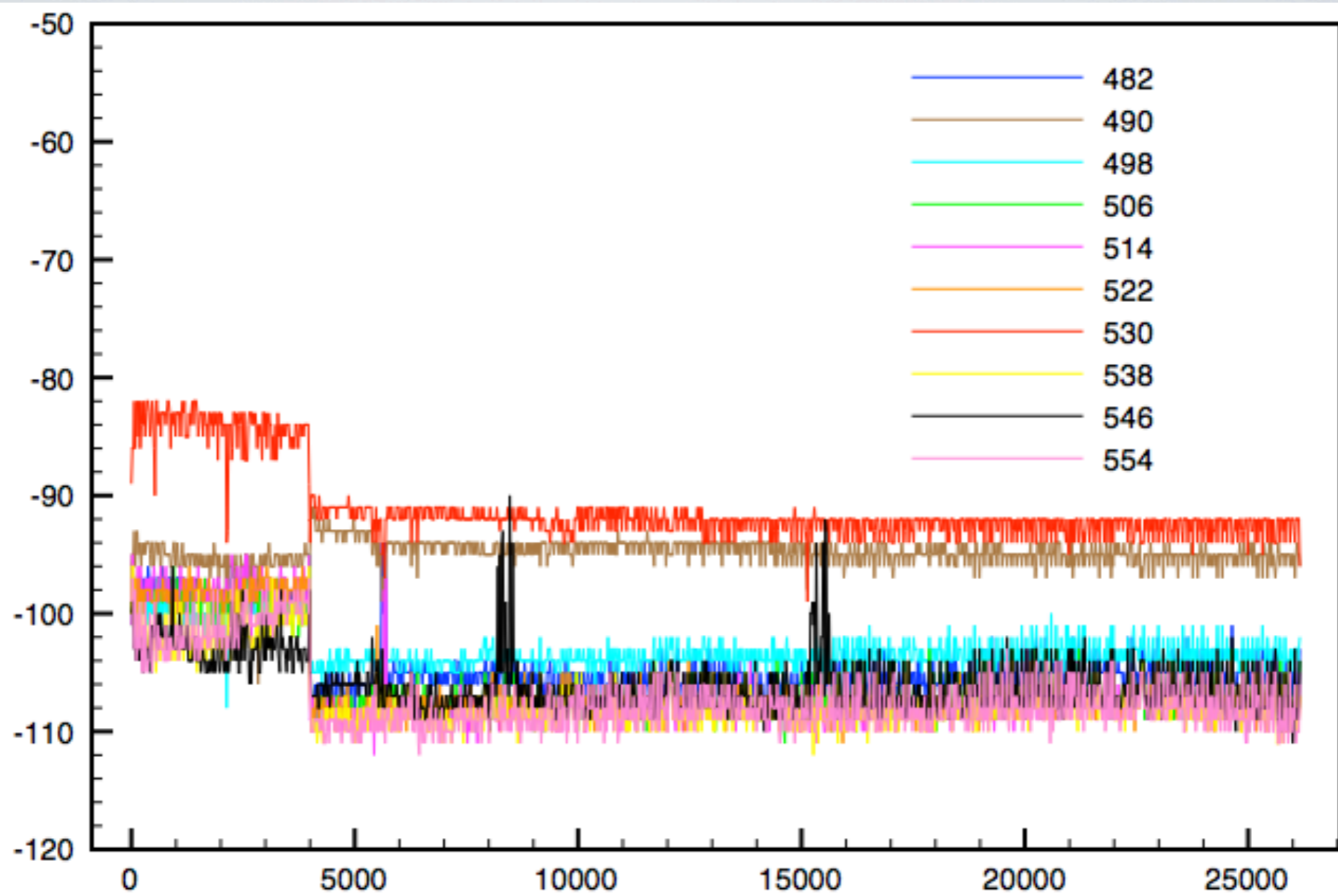




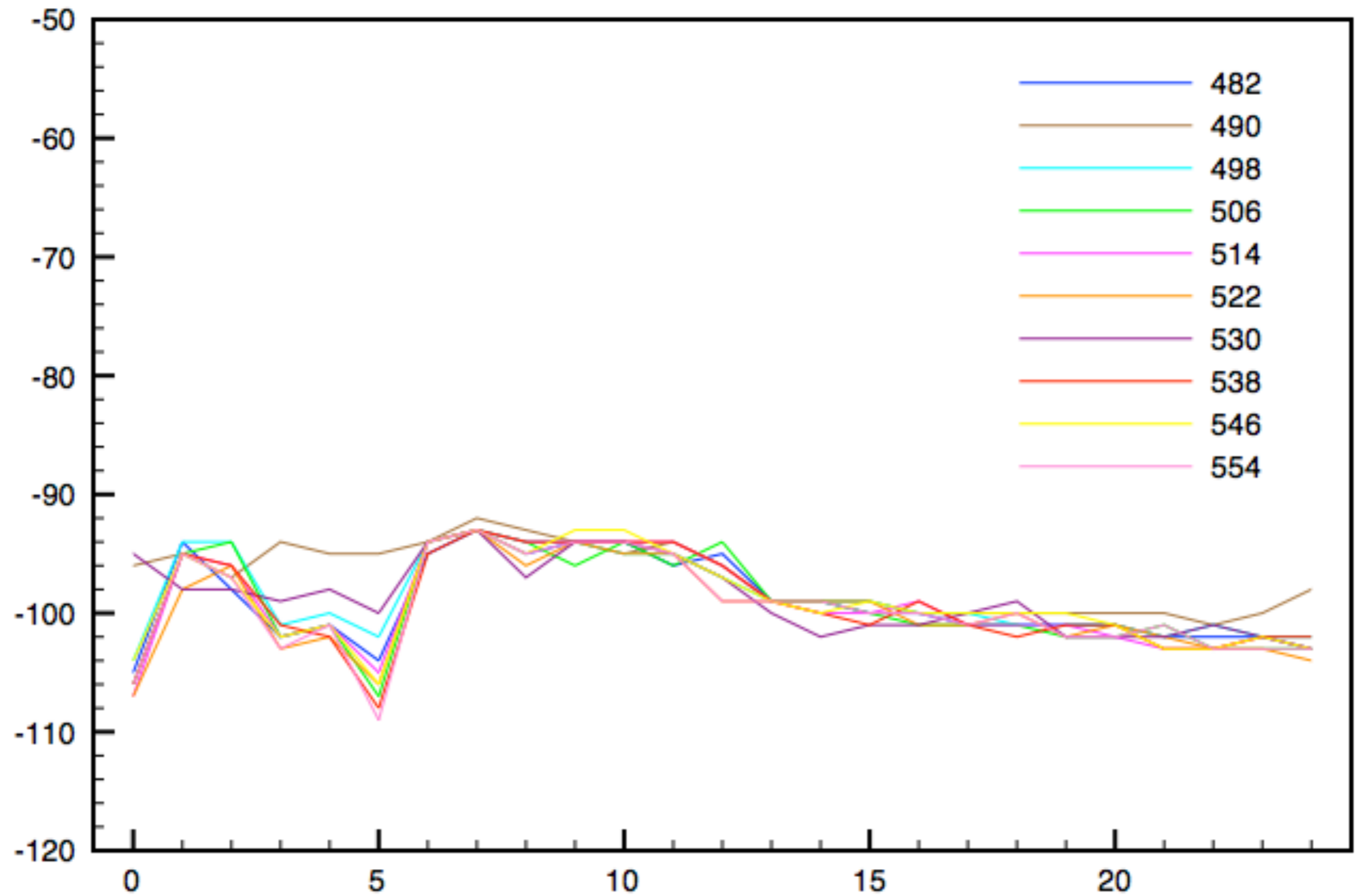








Lusaka, June 17 2013



There is plenty of spectrum available in **rural** areas.

There is plenty of spectrum available in **urban** areas.

ICTP Team