

Ofcom Open Data

- Wi-Fi Airborne Measurements

This data accompanies the two reports we published on our website on the 13th May 2016:

- 2.4 GHz Wi-Fi Airborne Measurements; and
- 2.4 and 5 GHz Wi-Fi Airborne Measurements over Northampton

Please see those documents for a detailed explanation of how this data was captured and our analysis of it. These data files are comma delimited, geo-located spectrum analyser measurements calibrated to the antenna port with details of the equipment set-up in the headers.

Flight over area to the West of London 30 Sept 2015

Filename	Frequency (MHz)	Time ON	Time OFF	Notes	Test Duration (S)	Time Samples
WestOfLondon 20150930144523.csv	2390-2490	14:45	15:22	Omni antenna externally mounted on aircraft	10	206

Flight over Central London 02 Oct 2015

Filename	Frequency (MHz)	Time ON	Time OFF	Notes	Test Duration (S)	Time Samples
London 20151002151614.csv	2390-2490	15:16	16:41	Omni antenna externally mounted on aircraft	10	460

Flight over Northampton 13 Jan 2016

Filename	Frequency (MHz)	Time ON	Time OFF	Notes	Test Duration (S)	Time Samples
Meas#1Northampton 20160113134448.csv	5150-5950	13:44	13:55	Horn antenna inside aircraft pointing through window	12	50
Meas#2Northampton 20160113135756.csv	5125-5850	13:58	14:09	Panel antenna inside aircraft pointing through window	12	50
Meas#3Northampton 20160113141106.csv	2390-2490	14:11	14:21	Panel antenna inside aircraft pointing through window	10	60
Meas#4Northampton 20160113142302.csv	2390-2490	14:23	14:33	Horn antenna inside aircraft pointing through window	10	60
Meas#5Northampton 20160113144000.csv	2390-2490	14:40	14:56	Panel antenna mounted in aircraft radome	10	90
Meas#6Northampton 20160113145954.csv	5125-5850	14:59	15:16	Panel antenna mounted in aircraft radome	12	75