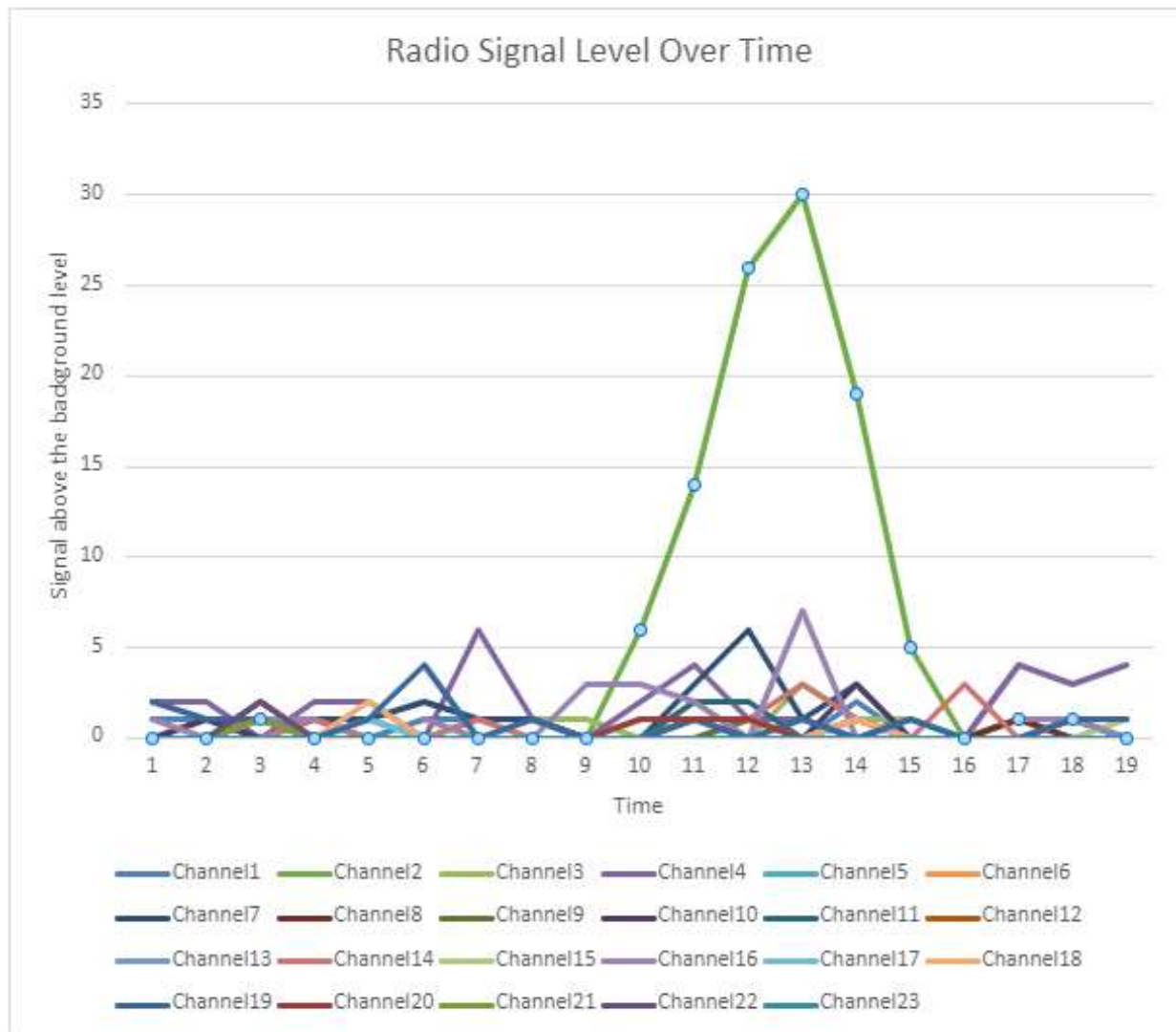


# Wow Visualization

This is the updated wow excel file

Time	Channels																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0
2	1	0	1	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
3	0	1	1	0	0	0	1	2	0	0	0	0	0	0	1	1	1	1	1	1	1	2	0
4	0	0	0	2	0	0	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0
5	0	0	0	2	1	0	1	0	0	0	0	0	0	0	0		1	2	1	0	0	0	0
6	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	0
7	1	0	1	6	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
8	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
9	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
10	0	6	0	2	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	1	0	0	0
11	1	14	2	4	0	0	3	0	0	1	2	0	0	1	0	2	1	0	1	1	0	0	0
12	0	26	0	1	0	1	6	0	1		2	0	0	1	0	0	1	0	0	1	0	0	0
13	0	30	3	1	0	0	1	0	0	0	0	0	0	3	0	7	0	0	1	0	0	0	0
14	2	19	1	0	0	0	3	1	0	3	0	1	1	1	0	0	1	1	0	0	0	0	0
15	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0		0	0	0	0	0	0	0
17	0	1	1	4	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
18	0	1	0	3	0	0	1	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0
19	0	0	0	4	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0

The Data Visualization of the Wow signal level for each channel:



Positive aspects of design and areas for improvement:

The data was finessed, for ease of use and graphical clarity, by replacing null values with zeros and letter values have been converted to numeric signal values.

Design uses a good frame of reference that captures meaningful data. Design also does a good job of showing all of the relevant data so that the observer can extract information about task-meaningful semantics.

Displayed in green is the anomalous channel to draw the readers eye to this data, improving the readability of the graph. Signals above 4 or 5 might be considered as significant.

Signal strength is treated as a continuous variable and is related back to the continuous variable of time.