

Supporting Information for "The Cusp as a VLF Saucer Source: First Rocket Observations of Long-Duration VLF Saucers on the Dayside"

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to be submitted to Geophysical Research Letters

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Introduction A table with time of closest approach, t_0 , separation distances, x_0 and source heights, h , to saucer sources labeled in Figure 2b of paper for both the straight line approximation and using ray tracing.

Table S1. Best-fit t_0 , x_0 and h values for each event labeled in Figure 2b using the straight line approximation for the source location, and for the ray tracing approximation of the source location, which assumes $x_0 = 0$.

Event	t_0 [sec]	x_0 [km]	h [km] straight	h [km] trace
1	234	120	1210	2500
2	293	170	1740	2600
3	286	90	1210	2300
4	377	100	1390	1500
5	313	140	1980	2800
6	406	150	2560	2500
7	356	210	3140	4700
8	429	10	2340	1900
9	515	40	3980	3100
10	461	0	2900	2100
11	459	10	2700	2000
12	449	20	2290	1700