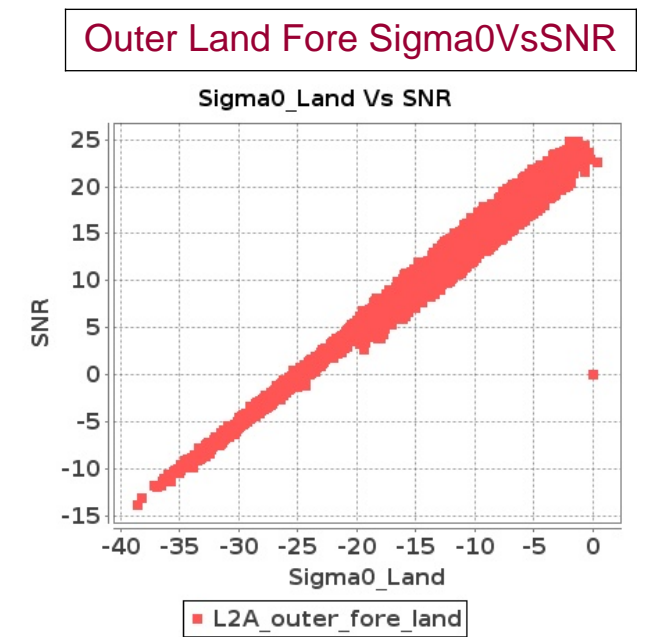
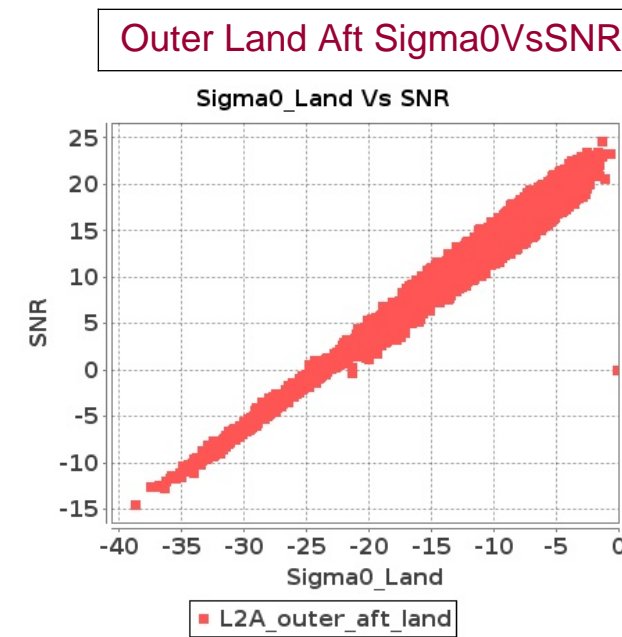
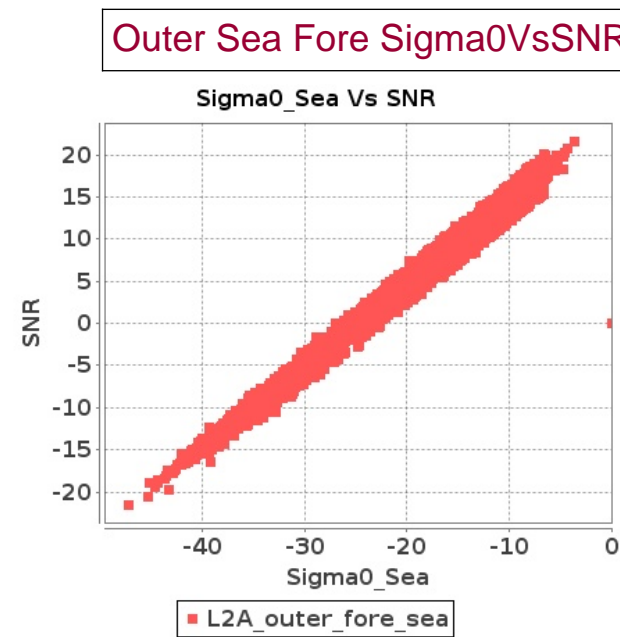
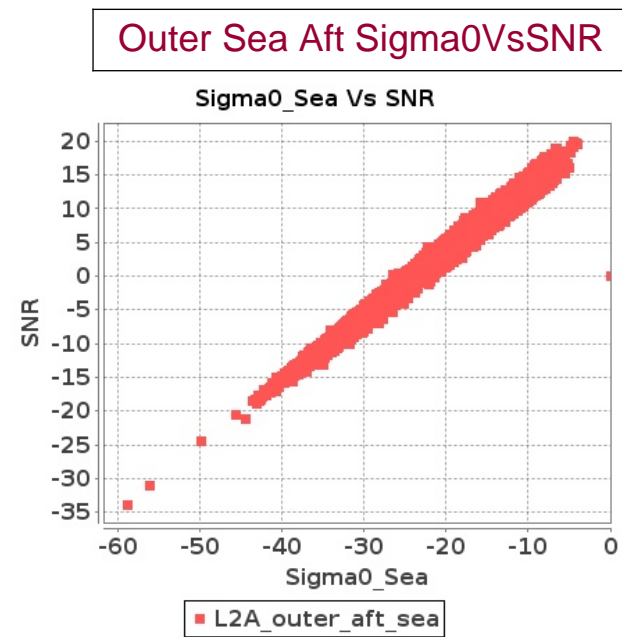
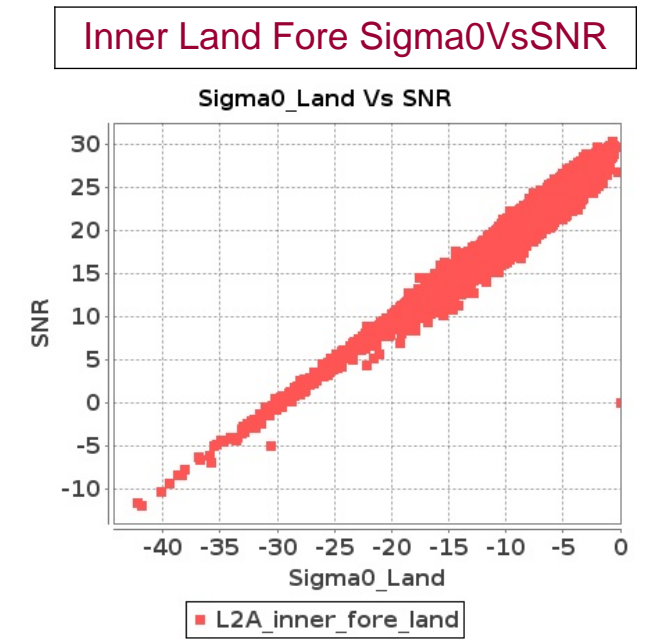
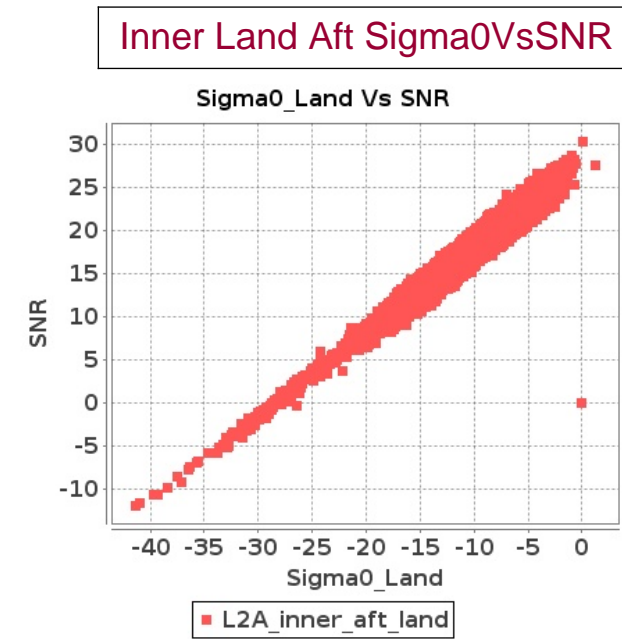
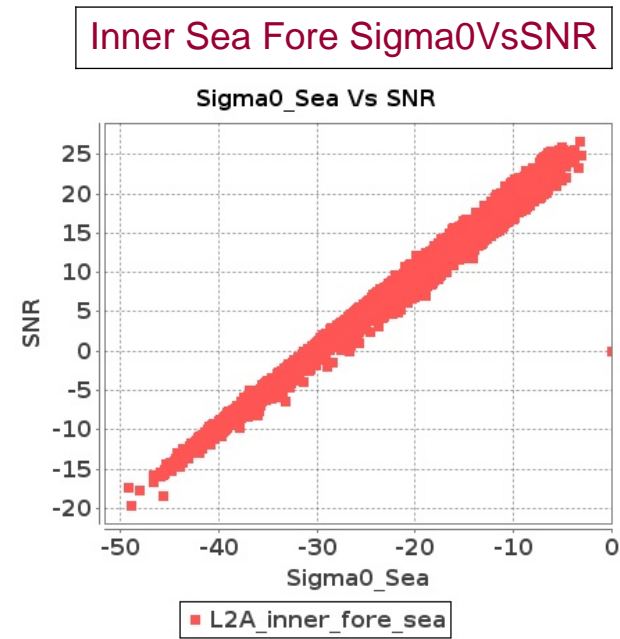
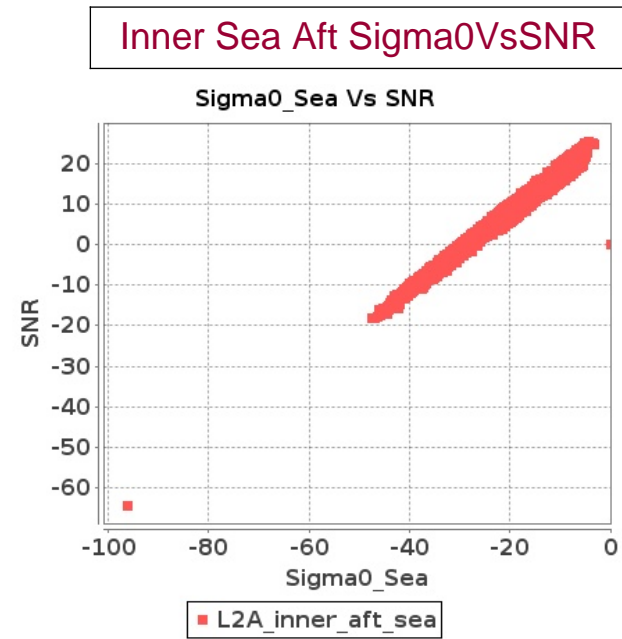


# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 08-SEP-2017 To 09-SEP-2017



# SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 08-SEP-2017 To 09-SEP-2017

Sr No	Start Orbit	End Orbit	Dir.	Ver.	SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	5028	5029	SN	1	0.0	49.558	1.662	0.0	51.393	1.49	0.0	43.508	1.073	0.0	45.121	0.999	0.0	49.991	1.463	0.0	46.359	1.326	0.0	42.785	0.959	0.0	43.84	0.864
2	5028	5029	SN	1	0.0	50.406	5.675	0.0	54.45	4.698	0.0	46.138	3.671	0.0	45.386	3.393	0.0	50.752	5.116	0.0	52.444	4.159	0.0	47.021	3.287	0.0	44.066	2.987
3	5028	5029	SN	1	0.0	50.406	5.675	0.0	54.45	4.698	0.0	46.138	3.671	0.0	45.386	3.393	0.0	50.752	5.116	0.0	52.444	4.159	0.0	47.021	3.287	0.0	44.066	2.987
4	5028	5029	SN	1	0.0	49.558	1.596	0.0	51.393	1.421	0.0	43.508	1.039	0.0	45.121	0.954	0.0	49.991	1.404	0.0	46.359	1.265	0.0	42.785	0.923	0.0	43.84	0.825
5	5028	5029	SN	1	0.0	49.558	1.596	0.0	51.393	1.421	0.0	43.508	1.039	0.0	45.121	0.954	0.0	49.991	1.404	0.0	46.359	1.265	0.0	42.785	0.923	0.0	43.84	0.825
6	5028	5029	SN	1	0.0	50.406	5.85	0.0	54.45	4.904	0.0	46.138	3.782	0.0	45.386	3.552	0.0	50.752	5.338	0.0	52.444	4.338	0.0	47.021	3.393	0.0	44.066	3.133
7	5029	5030	SN	1	0.0	53.539	4.537	0.0	43.169	4.233	0.0	43.621	3.827	0.0	44.88	3.322	0.0	54.79	4.029	0.0	44.081	3.531	0.0	42.408	3.23	0.0	44.955	3.002
8	5029	5030	SN	1	0.0	51.557	1.519	0.0	48.245	1.421	0.0	41.972	1.12	0.0	40.022	1.109	0.0	50.58	1.27	0.0	46.121	1.154	0.0	39.052	0.962	0.0	39.207	0.9
9	5029	5030	SN	1	0.0	51.557	1.519	0.0	48.245	1.421	0.0	41.972	1.12	0.0	40.022	1.109	0.0	50.58	1.27	0.0	46.121	1.154	0.0	39.052	0.962	0.0	39.207	0.9
10	5029	5030	SN	1	0.0	53.539	4.503	0.0	43.169	4.185	0.0	43.621	3.886	0.0	44.88	3.331	0.0	54.79	3.998	0.0	44.081	3.534	0.0	42.408	3.272	0.0	44.955	3.012
11	5029	5030	NS	1	0.0	54.074	2.551	0.0	53.761	2.328	0.0	40.118	1.732	0.0	39.894	1.719	0.0	50.509	2.306	0.0	52.465	2.142	0.0	39.999	1.594	0.0	41.702	1.6
12	5029	5030	SN	1	0.0	53.539	4.537	0.0	43.169	4.233	0.0	43.621	3.827	0.0	44.88	3.322	0.0	54.79	4.029	0.0	44.081	3.531	0.0	42.408	3.23	0.0	44.955	3.002
13	5029	5030	SN	1	0.0	51.557	1.526	0.0	48.245	1.43	0.0	41.972	1.136	0.0	40.022	1.107	0.0	50.58	1.285	0.0	46.121	1.164	0.0	39.052	0.975	0.0	39.207	0.904
14	5029	5030	NS	1	0.0	55.673	7.688	0.0	52.918	7.378	0.0	52.991	5.737	0.0	52.251	5.52	0.0	57.678	7.233	0.0	52.816	6.992	0.0	50.716	5.425	0.0	50.888	5.051
15	5030	5031	NS	1	0.0	48.738	4.765	0.0	46.718	3.816	0.0	43.127	2.886	0.0	48.624	3.137	0.0	49.671	4.229	0.0	44.375	3.359	0.0	43.112	2.723	0.0	47.527	2.554
16	5030	5031	NS	1	0.0	46.631	1.286	0.0	42.79	1.068	0.0	39.122	0.934	0.0	38.627	0.977	0.0	45.526	1.078	0.0	42.133	0.876	0.0	38.322	0.872	0.0	37.826	0.782
17	5030	5031	NS	1	0.0	44.025	1.3	0.0	43.514	1.0	0.0	37.631	0.885	0.0	37.642	0.983	0.0	44.003	1.106	0.0	41.249	0.817	0.0	38.628	0.824	0.0	38.081	0.807
18	5030	5031	SN	1	0.0	43.879	1.869	0.0	46.834	1.568	0.0	38.677	1.177	0.0	39.756	1.207	0.0	45.184	1.713	0.0	45.741	1.401	0.0	34.696	1.124	0.0	39.463	1.07
19	5030	5031	SN	1	0.0	46.175	5.656	0.0	46.045	4.978	0.0	40.378	3.784	0.0	48.893	3.77	0.0	45.401	5.316	0.0	48.483	4.514	0.0	40.4	3.423	0.0	46.93	3.553
20	5030	5031	SN	1	0.0	46.0	5.706	0.0	45.666	5.058	0.0	44.246	3.805	0.0	46.726	3.753	0.0	45.225	5.398	0.0	48.103	4.585	0.0	44.265	3.459	0.0	44.762	3.53
21	5030	5031	SN	1	0.0	44.376	1.91	0.0	47.102	1.521	0.0	36.997	1.198	0.0	41.469	1.216	0.0	41.851	1.765	0.0	46.006	1.401	0.0	36.513	1.143	0.0	40.075	1.081
22	5030	5031	SN	1	0.0	46.0	5.764	0.0	45.666	5.026	0.0	44.246	3.82	0.0	46.726	3.757	0.0	45.225	5.439	0.0	48.103	4.558	0.0	44.265	3.464	0.0	44.762	3.551
23	5030	5031	SN	1	0.0	44.376	1.901	0.0	47.102	1.534	0.0	36.997	1.186	0.0	41.469	1.212	0.0	41.851	1.749	0.0	46.006	1.415	0.0	36.513	1.135	0.0	40.075	1.076
24	5030	5031	NS	1	0.0	46.979	4.581	0.0	44.688	4.03	0.0	43.548	2.814	0.0	41.198	3.016	0.0	47.297	4.005	0.0	43.485	3.4	0.0	41.207	2.389	0.0	41.162	2.646
25	5031	5032	NS	1	0.0	43.681	1.59	0.0	40.634	1.366	0.0	43.828	1.265	0.0	40.151	1.215	0.0	43.809	1.385	0.0	41.212	1.23	0.0	46.085	1.15	0.0	41.675	1.075
26	5031	5032	NS	1	0.0	53.59	4.219	0.0	52.143	3.704	0.0	49.314	3.964	0.0	43.301	3.92	0.0	53.033	3.642	0.0	51.511	3.237	0.0	49.718	3.673	0.0	42.667	3.408
27	5031	5032	SN	1	0.0	43.621	7.885	0.0	49.744	6.166	0.0	43.308	5.306	0.0	40.103	4.506	0.0	44.073	7.276	0.0	48.519	5.759	0.0	43.4	4.83	0.0	38.135	4.242
28	5031	5032	SN	1	0.0	43.621	7.885	0.0	49.744	6.166	0.0	43.308	5.32	0.0	40.103	4.506	0.0	44.073	7.256	0.0	48.519	5.759	0.0	43.4	4.837	0.0	38.135	4.242
29	5031	5032	SN	1	0.0	39.051	2.312	0.0	45.042	1.838	0.0	42.476	1.795	0.0	37.583	1.501	0.0	38.717	2.104	0.0	46.165	1.591	0.0	41.731	1.545	0.0	36.533	1.339
30	5031	5032	SN	1	0.0	39.051	2.31	0.0	45.042	1.838	0.0	42.476	1.795	0.0	37.583	1.501	0.0	38.717	2.102	0.0	46.165	1.591	0.0	41.731	1.548	0.0	36.533	1.339
31	5032	5033	SN	1	0.0	55.578	10.295	0.0	49.812	9.232	0.0	45.476	6.613	0.0	40.686	7.263	0.0	51.496	9.666	0.0	47.103	8.368	0.0	42.911	6.328	0.0	40.448	6.479

Parameter Specifications	Parameters	SNR	Sigma0	<span style="background-color: green; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> Normal	<span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> Deviations
	Range	20.0	20.0	<span style="background-color: orange; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> Alarming	<span style="background-color: red; border: 1px solid black; display: inline-block; width: 10px; height: 10px;"></span> High Errors

32	5032	5033	NS	1	0.0	47.145	4.1	0.0	50.516	3.38	0.0	43.313	3.0	0.0	51.433	2.724	0.0	47.336	3.654	0.0	50.242	3.025	0.0	43.519	2.575	0.0	47.66	2.276
33	5032	5033	NS	1	0.0	46.927	4.11	0.0	46.234	3.319	0.0	45.027	3.014	0.0	46.752	2.717	0.0	47.089	3.695	0.0	45.325	2.964	0.0	43.383	2.596	0.0	47.035	2.305
34	5032	5033	SN	1	0.0	55.578	10.295	0.0	49.812	9.232	0.0	45.476	6.613	0.0	40.686	7.263	0.0	51.496	9.666	0.0	47.103	8.368	0.0	42.911	6.328	0.0	40.448	6.479
35	5032	5033	SN	1	0.0	41.576	3.357	0.0	43.188	3.038	0.0	37.857	2.277	0.0	39.702	2.538	0.0	39.423	3.025	0.0	42.04	2.638	0.0	35.42	2.066	0.0	40.607	2.138
36	5032	5033	NS	1	0.0	48.208	1.271	0.0	49.374	0.998	0.0	41.167	0.777	0.0	45.042	0.701	0.0	46.364	1.138	0.0	52.142	0.993	0.0	42.727	0.692	0.0	47.278	0.592
37	5032	5033	NS	1	0.0	48.758	1.271	0.0	38.243	0.993	0.0	41.453	0.781	0.0	43.103	0.713	0.0	47.289	1.138	0.0	40.919	0.978	0.0	43.01	0.685	0.0	45.336	0.594
38	5032	5033	SN	1	0.0	41.576	3.357	0.0	43.188	3.038	0.0	37.857	2.277	0.0	39.702	2.538	0.0	39.423	3.025	0.0	42.04	2.638	0.0	35.42	2.066	0.0	40.607	2.138
39	5033	5034	SN	1	0.0	46.19	10.857	0.0	41.792	9.453	0.0	39.739	7.697	0.0	43.808	7.544	0.0	47.204	10.174	0.0	42.539	9.239	0.0	41.989	7.604	0.0	42.434	7.3
40	5033	5034	NS	1	0.0	47.213	7.832	0.0	56.86	6.457	0.0	45.046	5.531	0.0	46.704	5.357	0.0	49.786	7.427	0.0	57.14	5.492	0.0	46.78	5.091	0.0	47.844	4.859
41	5033	5034	SN	1	0.0	46.19	10.853	0.0	41.792	9.456	0.0	39.739	7.665	0.0	43.808	7.541	0.0	47.204	10.194	0.0	42.539	9.222	0.0	41.989	7.565	0.0	42.434	7.292
42	5033	5034	SN	1	0.0	46.19	10.853	0.0	41.792	9.456	0.0	39.739	7.665	0.0	43.808	7.541	0.0	47.204	10.194	0.0	42.539	9.222	0.0	41.989	7.565	0.0	42.434	7.292
43	5033	5034	NS	1	0.0	47.818	7.913	0.0	47.875	6.457	0.0	42.218	5.509	0.0	43.698	5.45	0.0	49.349	7.386	0.0	47.173	5.503	0.0	41.961	5.098	0.0	46.657	4.888
44	5033	5034	SN	1	0.0	40.592	3.474	0.0	48.591	3.092	0.0	38.516	2.528	0.0	36.989	2.524	0.0	40.4	3.21	0.0	48.865	2.963	0.0	38.479	2.408	0.0	38.51	2.381
45	5033	5034	SN	1	0.0	40.592	3.474	0.0	48.591	3.093	0.0	38.516	2.515	0.0	36.989	2.529	0.0	40.4	3.208	0.0	48.865	2.961	0.0	38.479	2.396	0.0	38.51	2.392
46	5033	5034	SN	1	0.0	40.592	3.474	0.0	48.591	3.093	0.0	38.516	2.515	0.0	36.989	2.529	0.0	40.4	3.208	0.0	48.865	2.961	0.0	38.479	2.396	0.0	38.51	2.392
47	5033	5034	NS	1	0.0	46.186	2.587	0.0	48.746	2.026	0.0	39.337	1.76	0.0	42.83	1.687	0.0	48.221	2.272	0.0	44.851	1.75	0.0	43.498	1.599	0.0	43.333	1.418
48	5033	5034	NS	1	0.0	49.419	2.585	0.0	43.369	2.037	0.0	37.908	1.755	0.0	46.905	1.673	0.0	49.257	2.283	0.0	42.566	1.777	0.0	38.966	1.589	0.0	42.199	1.389
49	5034	5035	SN	1	0.0	50.805	9.671	0.0	51.676	10.198	0.0	44.461	6.522	0.0	43.616	6.629	0.0	51.512	9.357	0.0	52.004	9.558	0.0	41.94	6.187	0.0	43.136	6.643
50	5034	5035	SN	1	0.0	49.948	9.496	0.0	51.676	9.791	0.0	44.461	6.58	0.0	43.616	6.418	0.0	50.33	9.203	0.0	52.004	9.038	0.0	41.94	6.272	0.0	43.136	6.366
51	5034	5035	SN	1	0.0	52.875	2.994	0.0	47.33	2.821	0.0	42.293	1.884	0.0	51.614	2.165	0.0	54.685	2.773	0.0	49.786	2.672	0.0	39.987	1.772	0.0	50.493	2.046
52	5034	5035	SN	1	0.0	52.875	3.007	0.0	47.33	2.747	0.0	42.293	1.915	0.0	51.614	2.108	0.0	54.685	2.795	0.0	49.786	2.582	0.0	39.987	1.798	0.0	50.493	1.972
53	5034	5035	NS	1	0.0	53.048	6.762	0.0	50.647	5.928	0.0	45.909	5.22	0.0	46.62	4.766	0.0	55.635	6.306	0.0	53.381	5.268	0.0	42.115	4.78	0.0	46.223	4.147
54	5034	5035	NS	1	0.0	45.65	2.163	0.0	46.865	1.732	0.0	46.433	1.557	0.0	42.9	1.477	0.0	47.838	1.838	0.0	48.681	1.438	0.0	42.581	1.379	0.0	41.201	1.272
55	5034	5035	NS	1	0.0	45.584	2.34	0.0	42.765	1.762	0.0	42.787	1.689	0.0	46.834	1.503	0.0	47.291	1.946	0.0	42.356	1.509	0.0	38.826	1.481	0.0	48.134	1.272
56	5034	5035	NS	1	0.0	50.885	7.133	0.0	52.997	6.041	0.0	46.469	5.098	0.0	44.107	4.845	0.0	51.537	6.384	0.0	54.758	5.34	0.0	46.205	4.566	0.0	43.882	4.112
57	5035	5036	SN	1	0.0	46.387	3.582	0.0	55.489	3.664	0.0	45.418	2.142	0.0	40.746	2.086	0.0	47.37	3.354	0.0	53.07	3.469	0.0	45.985	2.064	0.0	43.068	1.942
58	5035	5036	NS	1	0.0	53.039	8.103	0.0	45.29	7.086	0.0	47.007	5.743	0.0	45.273	5.087	0.0	50.009	7.365	0.0	45.395	6.802	0.0	43.628	5.552	0.0	42.65	4.738
59	5035	5036	SN	1	0.0	52.541	10.965	0.0	51.272	11.298	0.0	50.134	7.28	0.0	46.888	7.386	0.0	53.752	10.65	0.0	53.048	11.033	0.0	46.598	7.138	0.0	46.359	7.329
60	5035	5036	NS	1	0.0	53.039	8.103	0.0	45.29	7.086	0.0	47.007	5.743	0.0	45.273	5.087	0.0	50.009	7.365	0.0	45.395	6.802	0.0	43.628	5.552	0.0	42.65	4.738
61	5035	5036	SN	1	0.0	46.387	3.601	0.0	55.489	3.672	0.0	45.418	2.08	0.0	40.746	2.129	0.0	47.37	3.407	0.0	53.07	3.471	0.0	45.985	2.006	0.0	43.068	1.966
62	5035	5036	NS	1	0.0	44.021	2.59	0.0	46.382	2.279	0.0	37.53	1.797	0.0	40.097	1.64	0.0	41.863	2.34	0.0	43.594	2.109	0.0	36.612	1.583	0.0	40.969	1.506
63	5035	5036	SN	1	0.0	46.387	3.601	0.0	55.489	3.672	0.0	45.418	2.08	0.0	40.746	2.129	0.0	47.37	3.407	0.0	53.07	3.471	0.0	45.985	2.006	0.0	43.068	1.966
64	5035	5036	SN	1	0.0	50.544	10.923	0.0	51.272	11.086	0.0	50.134	7.363	0.0	46.888	7.194	0.0	49.977	10.556	0.0	50.148	10.786	0.0	46.598	7.23	0.0	46.359	7.139
65	5035	5036	NS	1	0.0	44.021	2.59	0.0	46.382	2.279	0.0	37.53	1.797	0.0	40.097	1.64	0.0	41.863	2.34	0.0	43.594	2.109	0.0	36.612	1.583	0.0	40.969	1.506
66	5035	5036	SN	1	0.0	52.541	10.965	0.0	51.272	11.298	0.0	50.134	7.28	0.0	46.888	7.386	0.0	53.752	10.65	0.0	53.048	11.033	0.0	46.598	7.138	0.0	46.359	7.329
67	5036	5037	NS	1	0.0	50.92	7.462	0.0	49.504	5.787	0.0	49.933	5.225	0.0	48.993	5.069	0.0	51.368	6.704	0.0	50.334	5.198	0.0	48.877	4.913	0.0	50.698	4.684

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	5036	5037	SN	1	0.0	45.202	2.162	0.0	50.234	2.441	0.0	45.635	1.723	0.0	40.053	1.76	0.0	43.006	2.027	0.0	49.766	2.29	0.0	43.71	1.649	0.0	40.044	1.682
69	5036	5037	SN	1	0.0	45.202	2.162	0.0	50.234	2.441	0.0	45.635	1.723	0.0	40.053	1.76	0.0	43.006	2.027	0.0	49.766	2.29	0.0	43.71	1.649	0.0	40.044	1.682
70	5036	5037	NS	1	0.0	53.924	2.473	0.0	51.944	1.888	0.0	42.716	1.599	0.0	42.216	1.554	0.0	52.153	2.178	0.0	52.569	1.764	0.0	42.317	1.498	0.0	41.424	1.354
71	5036	5037	NS	1	0.0	50.873	7.315	0.0	51.857	5.919	0.0	49.722	5.325	0.0	48.761	5.058	0.0	55.376	6.607	0.0	50.711	5.442	0.0	48.158	5.084	0.0	50.698	4.582
72	5036	5037	SN	1	0.0	48.061	6.381	0.0	57.61	6.539	0.0	48.443	5.603	0.0	54.352	5.582	0.0	50.035	5.772	0.0	61.649	5.949	0.0	45.605	5.382	0.0	52.378	5.611
73	5036	5037	NS	1	0.0	49.006	2.346	0.0	51.903	1.999	0.0	48.614	1.615	0.0	43.361	1.548	0.0	48.344	2.11	0.0	50.467	1.774	0.0	43.751	1.5	0.0	40.99	1.358
74	5036	5037	SN	1	0.0	48.061	6.381	0.0	57.61	6.539	0.0	48.443	5.603	0.0	54.352	5.582	0.0	50.035	5.772	0.0	61.649	5.949	0.0	45.605	5.382	0.0	52.378	5.611
75	5037	5038	SN	1	0.0	50.361	4.558	0.0	46.639	3.742	0.0	44.851	2.746	0.0	46.418	2.909	0.0	52.184	3.827	0.0	46.142	3.427	0.0	42.985	2.526	0.0	44.078	2.752
76	5037	5038	SN	1	0.0	50.689	1.436	0.0	41.361	1.118	0.0	39.091	0.902	0.0	45.862	0.91	0.0	47.958	1.228	0.0	41.256	0.98	0.0	38.345	0.803	0.0	46.045	0.851
77	5037	5038	NS	1	0.0	52.412	7.735	0.0	50.092	7.432	0.0	43.46	5.097	0.0	50.011	5.062	0.0	52.875	7.331	0.0	50.664	6.843	0.0	44.599	4.92	0.0	48.966	4.755
78	5037	5038	NS	1	0.0	52.412	7.735	0.0	50.092	7.432	0.0	43.46	5.097	0.0	50.011	5.062	0.0	52.875	7.331	0.0	50.664	6.843	0.0	44.599	4.92	0.0	48.966	4.755
79	5037	5038	NS	1	0.0	50.537	2.627	0.0	49.309	2.238	0.0	48.65	1.585	0.0	46.924	1.471	0.0	50.294	2.391	0.0	48.936	2.114	0.0	49.27	1.521	0.0	45.577	1.353
80	5037	5038	NS	1	0.0	50.537	2.627	0.0	49.309	2.238	0.0	48.65	1.585	0.0	46.924	1.471	0.0	50.294	2.391	0.0	48.936	2.114	0.0	49.27	1.521	0.0	45.577	1.353
81	5038	5039	NS	1	0.0	44.377	1.646	0.0	48.037	1.412	0.0	41.322	1.123	0.0	41.039	1.079	0.0	49.461	1.416	0.0	45.951	1.236	0.0	40.481	0.946	0.0	42.16	0.914
82	5038	5039	NS	1	0.0	43.63	5.239	0.0	47.439	4.801	0.0	46.031	3.345	0.0	49.36	3.493	0.0	42.898	4.844	0.0	47.288	4.557	0.0	44.1	2.998	0.0	49.883	3.173
83	5043	5044	NS	1	0.0	55.652	4.556	0.0	56.53	4.415	0.0	49.889	2.57	0.0	45.318	2.598	0.0	56.492	4.171	0.0	55.512	4.129	0.0	46.255	2.418	0.0	43.756	2.321
84	5043	5044	NS	1	0.0	57.049	14.101	0.0	58.266	14.64	0.0	49.748	8.812	0.0	46.56	9.447	0.0	59.342	13.656	0.0	57.216	13.807	0.0	47.619	8.316	0.0	46.788	8.629
85	5043	5044	SN	1	0.0	44.45	6.268	0.0	57.502	6.037	0.0	47.488	3.804	0.0	48.268	4.255	0.0	45.412	5.852	0.0	55.531	5.652	0.0	47.174	3.614	0.0	46.268	4.014
86	5043	5044	SN	1	0.0	44.45	6.229	0.0	57.502	5.95	0.0	47.488	3.882	0.0	48.268	4.192	0.0	45.412	5.823	0.0	55.531	5.563	0.0	47.174	3.683	0.0	46.268	3.964
87	5043	5044	SN	1	0.0	44.45	6.229	0.0	57.502	5.95	0.0	47.488	3.882	0.0	48.268	4.192	0.0	45.412	5.823	0.0	55.531	5.563	0.0	47.174	3.683	0.0	46.268	3.964
88	5043	5044	NS	1	0.0	57.049	14.101	0.0	58.266	14.64	0.0	49.748	8.812	0.0	46.56	9.447	0.0	59.342	13.656	0.0	57.216	13.807	0.0	47.619	8.316	0.0	46.788	8.629
89	5043	5044	SN	1	0.0	49.736	1.963	0.0	52.227	1.813	0.0	41.198	1.041	0.0	43.331	1.219	0.0	54.373	1.713	0.0	50.878	1.642	0.0	42.034	0.955	0.0	41.044	1.043
90	5043	5044	SN	1	0.0	49.736	1.948	0.0	52.227	1.778	0.0	41.198	1.062	0.0	43.331	1.219	0.0	54.373	1.708	0.0	50.878	1.611	0.0	42.034	0.983	0.0	41.044	1.049
91	5043	5044	SN	1	0.0	49.736	1.948	0.0	52.227	1.778	0.0	41.198	1.062	0.0	43.331	1.219	0.0	54.373	1.708	0.0	50.878	1.611	0.0	42.034	0.983	0.0	41.044	1.049
92	5043	5044	NS	1	0.0	55.652	4.556	0.0	56.53	4.415	0.0	49.889	2.57	0.0	45.318	2.598	0.0	56.492	4.171	0.0	55.512	4.129	0.0	46.255	2.418	0.0	43.756	2.321
93	5044	5045	SN	1	0.0	38.882	1.993	0.0	50.892	1.751	0.0	40.759	1.251	0.0	38.079	1.196	0.0	37.939	1.877	0.0	50.388	1.673	0.0	42.042	1.275	0.0	38.785	1.205
94	5044	5045	NS	1	0.0	52.25	6.363	0.0	47.298	5.787	0.0	46.863	3.978	0.0	45.705	4.034	0.0	51.182	5.928	0.0	47.216	5.178	0.0	47.975	3.602	0.0	47.252	3.593
95	5044	5045	NS	1	0.0	50.825	5.784	0.0	48.563	5.787	0.0	47.422	3.934	0.0	47.32	4.065	0.0	50.488	5.389	0.0	47.517	5.33	0.0	44.696	3.559	0.0	48.38	3.545
96	5044	5045	SN	1	0.0	45.865	6.275	0.0	54.25	5.666	0.0	43.437	4.262	0.0	40.445	4.037	0.0	47.008	6.306	0.0	51.857	5.481	0.0	42.379	4.291	0.0	39.363	4.037
97	5044	5045	SN	1	0.0	47.808	6.264	0.0	54.25	5.614	0.0	43.412	4.269	0.0	40.185	4.028	0.0	47.008	6.284	0.0	51.857	5.421	0.0	42.353	4.29	0.0	39.806	4.035
98	5044	5045	SN	1	0.0	38.882	1.983	0.0	50.892	1.733	0.0	40.759	1.254	0.0	38.079	1.194	0.0	37.939	1.874	0.0	50.388	1.647	0.0	42.042	1.272	0.0	38.785	1.203
99	5044	5045	NS	1	0.0	46.057	1.954	0.0	50.098	1.701	0.0	43.028	1.169	0.0	42.532	1.299	0.0	44.694	1.704	0.0	51.732	1.507	0.0	44.511	1.058	0.0	41.748	1.128
100	5044	5045	NS	1	0.0	44.501	1.847	0.0	44.849	1.698	0.0	41.998	1.146	0.0	43.963	1.242	0.0	44.684	1.72	0.0	42.628	1.545	0.0	42.005	1.047	0.0	43.699	1.077
101	5044	5045	SN	1	0.0	45.865	6.29	0.0	54.25	5.666	0.0	43.437	4.258	0.0	40.445	4.037	0.0	47.008	6.321	0.0	51.857	5.481	0.0	42.379	4.287	0.0	39.363	4.037
102	5044	5045	SN	1	0.0	38.882	1.996	0.0	50.892	1.751	0.0	40.759	1.25	0.0	38.079	1.196	0.0	37.939	1.879	0.0	50.388	1.673	0.0	42.042	1.273	0.0	38.785	1.205
103	5045	5046	SN	1	0.0	46.676	4.801	0.0	44.756	3.755	0.0	44.657	3.891	0.0	44.032	3.551	0.0	45.157	4.131	0.0	42.602	3.399	0.0	44.409	3.593	0.0	40.825	3.059

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	5045	5046	NS	1	0.0	52.66	4.511	0.0	52.36	4.435	0.0	52.505	3.113	0.0	39.099	3.137	0.0	54.379	4.036	0.0	53.09	3.927	0.0	48.729	2.659	0.0	39.955	2.603
105	5045	5046	NS	1	0.0	42.549	1.489	0.0	44.625	1.44	0.0	48.563	1.031	0.0	43.143	1.023	0.0	44.492	1.25	0.0	48.449	1.149	0.0	50.051	0.87	0.0	43.636	0.807
106	5045	5046	NS	1	0.0	42.549	1.489	0.0	44.625	1.44	0.0	48.563	1.031	0.0	43.143	1.022	0.0	44.492	1.25	0.0	48.449	1.149	0.0	50.051	0.87	0.0	43.636	0.803
107	5045	5046	SN	1	0.0	46.676	4.801	0.0	44.756	3.755	0.0	44.657	3.891	0.0	44.032	3.551	0.0	45.157	4.131	0.0	42.602	3.399	0.0	44.409	3.593	0.0	40.825	3.059
108	5045	5046	SN	1	0.0	43.796	1.673	0.0	41.135	1.342	0.0	36.706	1.361	0.0	39.534	1.26	0.0	42.396	1.349	0.0	41.633	1.119	0.0	35.187	1.156	0.0	35.939	1.053
109	5045	5046	NS	1	0.0	52.66	4.511	0.0	52.36	4.435	0.0	52.505	3.113	0.0	39.099	3.151	0.0	54.379	4.036	0.0	53.09	3.927	0.0	48.729	2.659	0.0	39.955	2.618
110	5045	5046	SN	1	0.0	43.796	1.684	0.0	41.135	1.329	0.0	36.706	1.362	0.0	39.534	1.241	0.0	42.396	1.367	0.0	41.633	1.111	0.0	35.187	1.16	0.0	35.939	1.037
111	5045	5046	SN	1	0.0	43.796	1.684	0.0	41.135	1.329	0.0	36.706	1.362	0.0	39.534	1.241	0.0	42.396	1.367	0.0	41.633	1.111	0.0	35.187	1.16	0.0	35.939	1.037
112	5045	5046	SN	1	0.0	46.676	4.689	0.0	44.756	3.741	0.0	44.657	3.843	0.0	44.032	3.585	0.0	45.157	4.061	0.0	42.602	3.389	0.0	44.409	3.547	0.0	40.825	3.092
113	5046	5047	SN	1	0.0	43.69	9.408	0.0	48.392	7.5	0.0	38.435	6.296	0.0	42.1	5.783	0.0	45.351	8.85	0.0	45.932	6.889	0.0	39.821	5.926	0.0	41.228	5.176
114	5046	5047	NS	1	0.0	49.006	8.576	0.0	52.388	7.592	0.0	45.438	4.983	0.0	46.288	4.553	0.0	48.726	8.05	0.0	52.494	7.024	0.0	46.979	4.699	0.0	46.414	4.261
115	5046	5047	SN	1	0.0	43.69	9.408	0.0	48.392	7.5	0.0	38.435	6.296	0.0	42.1	5.783	0.0	45.351	8.85	0.0	45.932	6.889	0.0	39.821	5.926	0.0	41.228	5.176
116	5046	5047	SN	1	0.0	43.341	3.029	0.0	46.653	2.494	0.0	44.275	2.149	0.0	42.62	2.102	0.0	45.365	2.771	0.0	43.283	2.066	0.0	41.003	1.88	0.0	39.233	1.807
117	5046	5047	NS	1	0.0	44.581	2.317	0.0	48.073	2.131	0.0	48.294	1.346	0.0	42.911	1.229	0.0	44.435	2.112	0.0	47.593	1.89	0.0	44.477	1.238	0.0	40.45	1.102
118	5046	5047	NS	1	0.0	53.812	8.396	0.0	52.388	7.418	0.0	43.18	4.843	0.0	44.749	4.766	0.0	53.587	8.133	0.0	52.494	7.104	0.0	43.039	4.531	0.0	44.163	4.339
119	5046	5047	NS	1	0.0	52.695	2.317	0.0	46.781	2.059	0.0	42.479	1.382	0.0	41.574	1.217	0.0	50.635	2.128	0.0	47.864	1.824	0.0	40.356	1.235	0.0	41.948	1.062
120	5046	5047	SN	1	0.0	43.341	3.029	0.0	46.653	2.494	0.0	44.275	2.149	0.0	42.62	2.102	0.0	45.365	2.771	0.0	43.283	2.066	0.0	41.003	1.88	0.0	39.233	1.807
121	5047	5048	NS	1	0.0	56.223	6.179	1.021	49.249	4.882	0.0	47.49	4.515	0.0	47.21	4.19	0.0	55.044	5.764	1.226	50.627	4.588	0.0	47.05	4.026	0.0	46.605	3.642
122	5047	5048	NS	1	0.0	49.724	2.044	0.0	48.913	1.632	0.0	42.999	1.397	0.0	42.354	1.189	0.0	48.933	1.819	0.0	49.076	1.49	0.0	43.568	1.263	0.0	44.833	1.052
123	5047	5048	SN	1	0.0	49.114	8.738	0.0	46.492	6.899	0.0	42.519	5.876	0.0	45.657	6.531	0.0	47.271	7.866	0.0	46.103	6.461	0.0	39.725	5.343	0.0	47.174	5.854
124	5047	5048	NS	1	0.0	49.724	2.044	0.0	48.913	1.632	0.0	42.999	1.397	0.0	42.354	1.189	0.0	48.933	1.819	0.0	49.076	1.49	0.0	43.568	1.263	0.0	44.833	1.052
125	5047	5048	SN	1	0.0	44.312	2.862	0.0	43.635	2.293	0.0	42.617	2.173	0.0	42.635	2.217	0.0	46.519	2.475	0.0	40.911	1.976	0.0	40.157	1.912	0.0	44.589	1.993
126	5047	5048	NS	1	0.0	56.223	6.179	1.021	49.249	4.882	0.0	47.49	4.515	0.0	47.21	4.19	0.0	55.044	5.764	1.226	50.627	4.588	0.0	47.05	4.026	0.0	46.605	3.642
127	5047	5048	SN	1	0.0	43.983	2.823	0.0	40.066	2.329	0.0	43.016	2.17	0.0	38.864	2.212	0.0	42.743	2.466	0.0	40.833	1.96	0.0	40.555	1.918	0.0	40.819	1.983
128	5047	5048	SN	1	0.0	51.401	8.688	0.0	48.755	6.848	0.0	42.083	5.912	0.0	45.217	6.503	0.0	49.564	7.795	0.0	47.129	6.461	0.0	39.292	5.392	0.0	47.388	5.875
129	5048	5049	NS	1	0.0	48.618	2.329	0.0	49.028	1.702	0.0	39.343	1.68	0.0	42.049	1.708	0.0	48.299	1.976	0.0	48.574	1.413	0.0	38.405	1.499	0.0	41.21	1.481
130	5048	5049	SN	1	0.0	51.622	12.376	0.0	53.78	11.793	0.0	46.054	7.83	0.0	47.321	8.133	0.0	50.956	11.737	0.0	54.07	10.909	0.0	44.882	7.588	0.0	47.551	7.733
131	5048	5049	SN	1	0.0	51.622	12.376	0.0	53.78	11.793	0.0	46.054	7.83	0.0	47.321	8.133	0.0	50.956	11.737	0.0	54.07	10.909	0.0	44.882	7.588	0.0	47.551	7.733
132	5048	5049	NS	1	0.0	53.416	7.053	0.402	54.331	5.207	0.0	46.158	5.249	0.0	46.343	5.029	0.0	50.684	6.112	0.455	55.98	4.385	0.0	47.034	4.504	0.0	48.645	4.382
133	5048	5049	NS	1	0.0	52.88	7.114	0.402	53.155	5.197	0.0	46.413	5.213	0.0	46.845	5.065	0.0	55.03	6.132	0.455	55.873	4.395	0.0	47.534	4.568	0.0	47.184	4.417
134	5048	5049	NS	1	0.0	46.947	2.284	0.0	47.624	1.736	0.0	37.614	1.658	0.0	39.786	1.71	0.0	48.593	1.974	0.0	51.344	1.422	0.0	36.115	1.488	0.0	39.594	1.474
135	5048	5049	SN	1	0.0	51.622	12.157	0.0	53.78	11.852	0.0	46.054	7.953	0.0	47.321	8.158	0.0	50.956	11.465	0.0	54.07	10.964	0.0	44.882	7.7	0.0	47.551	7.76
136	5048	5049	SN	1	0.0	46.159	3.906	0.0	50.458	3.611	0.0	44.585	2.572	0.0	44.06	2.531	0.0	48.338	3.664	0.0	47.016	3.395	0.0	46.094	2.449	0.0	40.871	2.341
137	5048	5049	SN	1	0.0	46.159	3.929	0.0	50.458	3.59	0.0	44.585	2.531	0.0	44.06	2.517	0.0	48.338	3.687	0.0	47.016	3.371	0.0	46.094	2.412	0.0	40.871	2.337
138	5048	5049	SN	1	0.0	46.159	3.929	0.0	50.458	3.59	0.0	44.585	2.531	0.0	44.06	2.517	0.0	48.338	3.687	0.0	47.016	3.371	0.0	46.094	2.412	0.0	40.871	2.337
139	5049	5050	SN	1	0.0	51.104	11.326	0.0	52.541	11.082	0.0	49.79	6.771	0.0	47.866	7.349	0.0	51.596	10.525	0.0	52.396	10.492	0.0	48.564	6.523	0.0	48.755	6.85

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	5049	5050	SN	1	0.0	46.617	3.395	0.0	56.32	3.19	0.0	40.856	2.01	0.0	45.335	2.04	0.0	45.315	3.151	0.0	54.407	2.95	0.0	42.683	1.888	0.0	47.93	1.856
141	5049	5050	NS	1	0.0	43.127	2.241	0.0	40.852	2.039	0.0	42.655	1.72	0.0	41.042	1.383	0.0	40.803	1.75	0.0	41.798	1.616	0.0	42.385	1.419	0.0	38.84	1.183
142	5049	5050	SN	1	0.0	46.617	3.379	0.0	56.32	3.194	0.0	40.856	2.007	0.0	45.335	2.035	0.0	45.315	3.137	0.0	54.407	2.957	0.0	42.683	1.888	0.0	47.93	1.854
143	5049	5050	SN	1	0.0	51.104	11.326	0.0	52.541	11.072	0.0	49.79	6.786	0.0	47.866	7.349	0.0	51.596	10.504	0.0	52.396	10.482	0.0	48.564	6.537	0.0	48.755	6.835
144	5049	5050	NS	1	0.0	44.993	6.345	0.493	46.432	5.522	0.0	44.719	5.035	0.0	42.943	4.738	0.0	44.134	5.11	0.511	46.861	4.74	0.0	44.197	4.433	0.0	40.657	4.005
145	5049	5050	SN	1	0.0	51.104	10.871	0.0	52.541	10.771	0.0	49.79	6.782	0.0	47.866	7.263	0.0	51.596	10.062	0.0	52.396	10.249	0.0	48.564	6.566	0.0	48.755	6.838
146	5049	5050	SN	1	0.0	46.617	3.298	0.0	56.32	3.124	0.0	40.856	2.034	0.0	45.335	2.011	0.0	45.315	3.044	0.0	54.407	2.905	0.0	42.683	1.921	0.0	47.93	1.84
147	5049	5050	NS	1	0.0	54.823	6.251	0.0	53.28	5.766	0.0	44.072	5.105	0.0	42.759	4.617	0.0	56.057	5.189	0.0	51.38	4.629	0.0	42.207	4.509	0.0	40.717	4.005
148	5049	5050	NS	1	0.0	45.188	2.236	0.0	39.897	2.012	0.0	40.926	1.631	0.0	42.004	1.409	0.0	42.869	1.81	0.0	37.583	1.662	0.0	40.437	1.408	0.0	39.542	1.196
149	5050	5051	NS	1	0.0	42.683	1.968	0.0	44.99	1.795	0.0	41.767	1.604	0.0	43.143	1.48	0.0	42.848	1.713	0.0	40.638	1.497	0.0	45.238	1.394	0.0	44.325	1.32
150	5050	5051	SN	1	0.0	49.476	6.913	0.0	51.52	7.413	0.0	44.721	4.68	0.0	54.645	5.13	0.0	49.535	6.635	0.0	51.748	7.078	0.0	40.955	4.844	0.0	50.907	5.091
151	5050	5051	SN	1	0.0	49.476	7.254	0.0	51.52	7.903	0.0	44.721	4.949	0.0	54.645	5.661	0.0	49.535	7.001	0.0	51.748	7.577	0.0	44.82	5.169	0.0	50.907	5.589
152	5050	5051	SN	1	0.0	49.476	7.254	0.0	51.52	7.903	0.0	44.721	4.949	0.0	54.645	5.661	0.0	49.535	7.001	0.0	51.748	7.577	0.0	44.82	5.169	0.0	50.907	5.589
153	5050	5051	NS	1	0.0	48.757	6.322	0.0	48.265	6.06	0.0	45.528	4.686	0.0	44.747	4.674	0.0	48.592	5.604	0.0	46.018	5.421	0.0	46.304	4.346	0.0	46.035	4.062
154	5050	5051	SN	1	0.0	46.37	2.356	0.0	53.237	2.332	0.0	48.24	1.602	0.0	44.696	1.537	0.0	44.694	2.276	0.0	53.868	2.25	0.0	47.551	1.593	0.0	45.471	1.504
155	5050	5051	SN	1	0.0	46.37	2.547	0.0	53.237	2.512	0.0	48.24	1.644	0.0	44.696	1.685	0.0	44.694	2.438	0.0	53.868	2.426	0.0	47.551	1.625	0.0	45.471	1.603
156	5050	5051	SN	1	0.0	46.37	2.547	0.0	53.237	2.512	0.0	48.24	1.644	0.0	44.696	1.685	0.0	44.694	2.438	0.0	53.868	2.426	0.0	47.551	1.625	0.0	45.471	1.603
157	5050	5051	NS	1	0.0	43.243	1.959	0.0	44.431	1.782	0.0	43.748	1.532	0.0	43.369	1.466	0.0	43.458	1.698	0.0	42.212	1.536	0.0	45.799	1.357	0.0	42.785	1.317
158	5050	5051	NS	1	0.0	45.705	6.271	0.0	46.243	6.05	0.0	49.803	4.63	0.0	43.72	4.688	0.0	44.259	5.483	0.0	44.642	5.472	0.0	46.016	4.282	0.0	44.563	4.211
159	5051	5052	SN	1	0.0	42.73	1.394	0.0	38.138	1.38	0.0	35.443	0.961	0.0	39.314	1.116	0.0	44.108	1.064	0.0	37.144	1.183	0.0	35.573	0.856	0.0	39.804	0.965
160	5051	5052	SN	1	0.0	42.73	1.394	0.0	38.138	1.38	0.0	35.443	0.961	0.0	39.314	1.116	0.0	44.108	1.064	0.0	37.144	1.183	0.0	35.573	0.856	0.0	39.804	0.965
161	5051	5052	SN	1	0.0	44.215	3.978	0.0	41.955	4.18	0.0	39.486	3.235	0.0	39.043	3.187	0.0	46.602	3.318	0.0	43.186	3.56	0.0	40.212	2.951	0.0	39.099	2.745
162	5051	5052	SN	1	0.0	44.215	3.978	0.0	41.955	4.18	0.0	39.486	3.235	0.0	39.043	3.187	0.0	46.602	3.318	0.0	43.186	3.56	0.0	40.212	2.951	0.0	39.099	2.745
163	5051	5052	NS	1	0.0	47.722	7.243	0.0	54.827	5.867	0.0	43.174	4.247	0.0	43.522	3.813	0.0	47.514	6.534	0.0	53.195	5.228	0.0	44.739	3.914	0.0	43.031	3.208
164	5051	5052	NS	1	0.0	44.761	2.069	0.0	43.881	1.45	0.0	43.576	1.277	0.0	43.163	1.081	0.0	42.089	1.835	0.0	45.013	1.231	0.0	44.489	1.086	0.0	39.84	0.942
165	5051	5052	NS	1	0.0	44.761	2.069	0.0	43.881	1.45	0.0	43.576	1.277	0.0	43.163	1.081	0.0	42.089	1.835	0.0	45.013	1.231	0.0	44.489	1.086	0.0	39.84	0.942
166	5051	5052	NS	1	0.0	47.722	7.243	0.0	54.827	5.867	0.0	43.174	4.247	0.0	43.522	3.813	0.0	47.514	6.534	0.0	53.195	5.228	0.0	44.739	3.914	0.0	43.031	3.208
167	5052	5053	SN	1	0.0	44.419	1.729	0.0	48.488	1.584	0.0	38.251	1.215	0.0	41.969	1.139	0.0	42.272	1.58	0.0	51.401	1.405	0.0	35.824	1.154	0.0	39.911	0.985
168	5052	5053	NS	1	0.0	44.705	1.779	0.0	44.136	1.724	0.0	37.6	1.298	0.0	42.891	1.312	0.0	47.545	1.65	0.0	42.849	1.64	0.0	37.56	1.167	0.0	41.144	1.205
169	5052	5053	NS	1	0.0	46.297	6.026	0.0	44.552	5.899	0.0	42.239	3.693	0.0	42.034	3.993	0.0	48.598	5.389	0.0	44.38	5.036	0.0	44.288	3.728	0.0	38.449	3.787
170	5052	5053	NS	1	0.0	46.297	6.026	0.0	44.552	5.899	0.0	42.239	3.693	0.0	42.034	3.993	0.0	48.598	5.389	0.0	44.38	5.036	0.0	44.288	3.728	0.0	38.449	3.787
171	5052	5053	SN	1	0.0	54.027	5.57	0.0	55.277	5.035	0.0	42.716	3.648	0.0	37.341	3.835	0.0	57.036	5.164	0.0	53.15	4.709	0.0	40.736	3.378	0.0	37.811	3.372
172	5052	5053	NS	1	0.0	44.705	1.779	0.0	44.136	1.724	0.0	37.6	1.298	0.0	42.891	1.312	0.0	47.545	1.65	0.0	42.849	1.64	0.0	37.56	1.167	0.0	41.144	1.205
173	5053	5054	NS	1	0.0	43.146	1.986	0.0	43.044	1.751	0.0	38.904	1.348	0.0	42.835	1.39	0.0	44.26	1.653	0.0	42.945	1.417	0.0	34.146	1.139	0.0	39.154	1.172
174	5053	5054	NS	1	0.0	42.539	5.861	0.0	50.356	5.459	0.0	43.565	4.085	0.0	43.995	4.214	0.0	44.922	4.783	0.0	50.223	4.531	0.0	43.375	3.565	0.0	41.832	3.599

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

Sr No	Start Orbit	End Orbit	Dir.	Ver.	Azimuth Angle												Incidence Angle											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	5028	5029	SN	1	0.0	25.408	9.247	0.0	27.189	8.678	0.0	137.246	2.866	0.0	11.714	2.365	0.0	1.899	0.0	1.933	0.0	0.0	2.032	0.0	0.0	2.04	0.0	
2	5028	5029	SN	1	0.0	33.36	15.156	0.0	24.784	14.928	0.0	137.246	12.03	0.0	55.497	12.234	0.0	1.905	0.0	1.961	0.0	0.0	2.035	0.0	0.0	2.03	0.0	
3	5028	5029	SN	1	0.0	33.36	15.156	0.0	24.784	14.928	0.0	137.246	12.03	0.0	55.497	12.234	0.0	1.905	0.0	1.961	0.0	0.0	2.035	0.0	0.0	2.03	0.0	
4	5028	5029	SN	1	0.0	25.408	9.115	0.0	27.189	8.697	0.0	137.246	2.728	0.0	57.803	2.533	0.0	1.899	0.0	1.933	0.0	0.0	2.032	0.0	0.0	2.04	0.0	
5	5028	5029	SN	1	0.0	25.408	9.115	0.0	27.189	8.697	0.0	137.246	2.728	0.0	57.803	2.533	0.0	1.899	0.0	1.933	0.0	0.0	2.032	0.0	0.0	2.04	0.0	
6	5028	5029	SN	1	0.0	33.36	15.138	0.0	24.784	14.51	0.0	137.246	12.485	0.0	13.076	11.564	0.0	1.905	0.0	1.961	0.0	0.0	2.035	0.0	0.0	2.03	0.0	
7	5029	5030	SN	1	0.0	33.559	15.193	0.0	24.795	14.886	0.0	124.396	11.987	0.0	52.801	12.263	0.0	1.905	0.0	1.964	0.0	0.0	2.037	0.0	0.0	2.063	0.0	
8	5029	5030	SN	1	0.0	25.38	9.143	0.0	27.211	8.688	0.0	129.316	2.761	0.0	42.675	2.516	0.0	1.898	0.0	1.933	0.0	0.0	2.034	0.0	0.0	2.044	0.0	
9	5029	5030	SN	1	0.0	25.38	9.143	0.0	27.211	8.688	0.0	129.316	2.761	0.0	42.675	2.516	0.0	1.898	0.0	1.933	0.0	0.0	2.034	0.0	0.0	2.044	0.0	
10	5029	5030	SN	1	0.0	33.559	15.178	0.0	24.795	14.734	0.0	124.396	12.092	0.0	18.872	11.984	0.0	1.905	0.0	1.964	0.0	0.0	2.037	0.0	0.0	2.063	0.0	
11	5029	5030	NS	1	0.0	24.895	9.969	0.0	24.277	10.459	0.0	140.878	4.474	0.0	73.669	4.661	0.0	1.907	0.0	1.915	0.0	0.0	2.059	0.0	0.0	2.068	0.0	
12	5029	5030	SN	1	0.0	33.559	15.193	0.0	24.795	14.886	0.0	124.396	11.987	0.0	52.801	12.263	0.0	1.905	0.0	1.964	0.0	0.0	2.037	0.0	0.0	2.063	0.0	
13	5029	5030	SN	1	0.0	25.38	9.185	0.0	27.211	8.68	0.0	129.316	2.804	0.0	12.723	2.422	0.0	1.898	0.0	1.933	0.0	0.0	2.034	0.0	0.0	2.044	0.0	
14	5029	5030	NS	1	0.0	26.742	14.112	0.0	33.283	15.567	0.0	146.603	14.31	0.0	81.004	14.178	0.0	1.906	0.0	1.918	0.0	0.0	2.061	0.0	0.0	2.069	0.0	
15	5030	5031	NS	1	0.0	26.748	14.124	0.0	33.3	15.598	0.0	144.777	14.324	0.0	77.265	14.171	0.0	1.905	0.0	1.929	0.0	0.0	2.061	0.0	0.0	2.067	0.0	
16	5030	5031	NS	1	0.0	24.889	9.967	0.0	24.2	10.489	0.0	351.865	4.466	0.0	68.38	4.617	0.0	1.9	0.0	1.908	0.0	0.0	2.054	0.0	0.0	2.067	0.0	
17	5030	5031	NS	1	0.0	24.889	9.978	0.0	24.2	10.503	0.0	352.34	4.467	0.0	138.41	4.633	0.0	1.907	0.0	1.908	0.0	0.0	2.055	0.0	0.0	2.067	0.0	
18	5030	5031	SN	1	0.0	24.729	9.169	0.0	27.217	8.703	0.0	123.36	2.843	0.0	12.673	2.458	0.0	1.897	0.0	1.932	0.0	0.0	2.033	0.0	0.0	2.043	0.0	
19	5030	5031	SN	1	0.0	33.526	15.105	0.0	24.79	14.758	0.0	125.626	12.035	0.0	19.589	12.032	0.0	1.905	0.0	1.963	0.0	0.0	2.036	0.0	0.0	2.063	0.0	
20	5030	5031	SN	1	0.0	33.515	15.083	0.0	24.79	14.782	0.0	125.632	12.035	0.0	20.378	12.08	0.0	1.905	0.0	1.963	0.0	0.0	2.036	0.0	0.0	2.062	0.0	
21	5030	5031	SN	1	0.0	24.729	9.13	0.0	27.211	8.711	0.0	123.365	2.821	0.0	63.417	2.553	0.0	1.897	0.0	1.932	0.0	0.0	2.033	0.0	0.0	2.043	0.0	
22	5030	5031	SN	1	0.0	33.515	15.09	0.0	24.79	14.886	0.0	125.632	11.95	0.0	41.379	12.263	0.0	1.905	0.0	1.963	0.0	0.0	2.036	0.0	0.0	2.062	0.0	
23	5030	5031	SN	1	0.0	24.729	9.166	0.0	27.211	8.704	0.0	123.365	2.85	0.0	12.673	2.473	0.0	1.897	0.0	1.932	0.0	0.0	2.033	0.0	0.0	2.043	0.0	
24	5030	5031	NS	1	0.0	26.781	14.088	0.0	32.566	15.611	0.0	138.17	14.29	0.0	70.278	14.077	0.0	1.914	0.0	1.936	0.0	0.0	2.061	0.0	0.0	2.067	0.0	
25	5031	5032	NS	1	0.0	24.906	9.971	0.0	24.205	10.478	0.0	352.676	4.462	0.0	142.331	4.598	0.0	1.907	0.0	1.919	0.0	0.0	2.058	0.0	0.0	2.069	0.0	
26	5031	5032	NS	1	0.0	26.781	14.114	0.0	33.3	15.608	0.0	156.645	14.331	0.0	77.221	14.158	0.0	1.912	0.0	1.926	0.0	0.0	2.061	0.0	0.0	2.073	0.0	
27	5031	5032	SN	1	0.0	33.548	15.111	0.0	24.784	14.886	0.0	96.672	11.943	0.0	61.398	12.356	0.0	1.906	0.0	1.963	0.0	0.0	2.036	0.0	0.0	2.062	0.0	
28	5031	5032	SN	1	0.0	33.548	15.111	0.0	24.784	14.886	0.0	96.672	11.943	0.0	61.387	12.356	0.0	1.906	0.0	1.963	0.0	0.0	2.036	0.0	0.0	2.062	0.0	
29	5031	5032	SN	1	0.0	24.757	9.152	0.0	27.217	8.708	0.0	115.909	2.828	0.0	59.275	2.546	0.0	1.898	0.0	1.932	0.0	0.0	2.033	0.0	0.0	2.042	0.0	
30	5031	5032	SN	1	0.0	24.757	9.152	0.0	27.217	8.711	0.0	115.909	2.828	0.0	59.292	2.546	0.0	1.898	0.0	1.932	0.0	0.0	2.033	0.0	0.0	2.042	0.0	
31	5032	5033	SN	1	0.0	33.476	15.032	0.0	24.784	14.865	0.0	129.029	11.839	0.0	236.045	12.288	0.0	1.904	0.0	1.962	0.0	0.0	2.037	0.0	0.0	2.054	0.0	

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors

32	5032	5033	NS	1	0.0	26.775	14.06	0.0	33.3	15.601	0.0	167.615	14.306	0.0	79.289	14.106	0.0	1.906	0.0	0.0	1.912	0.0	0.0	2.06	0.0	0.0	2.071	0.0
33	5032	5033	NS	1	0.0	26.77	14.06	0.0	33.3	15.601	0.0	167.615	14.306	0.0	79.278	14.106	0.0	1.906	0.0	0.0	1.912	0.0	0.0	2.061	0.0	0.0	2.071	0.0
34	5032	5033	SN	1	0.0	33.476	15.032	0.0	24.784	14.865	0.0	129.029	11.839	0.0	236.045	12.288	0.0	1.904	0.0	0.0	1.962	0.0	0.0	2.037	0.0	0.0	2.054	0.0
35	5032	5033	SN	1	0.0	24.724	9.135	0.0	27.217	8.735	0.0	120.166	2.799	0.0	167.022	2.563	0.0	1.898	0.0	0.0	1.934	0.0	0.0	2.033	0.0	0.0	2.037	0.0
36	5032	5033	NS	1	0.0	24.889	9.986	0.0	24.233	10.496	0.0	162.387	4.476	0.0	67.388	4.61	0.0	1.9	0.0	0.0	1.907	0.0	0.0	2.057	0.0	0.0	2.068	0.0
37	5032	5033	NS	1	0.0	24.895	9.995	0.0	24.233	10.496	0.0	162.387	4.478	0.0	67.382	4.606	0.0	1.9	0.0	0.0	1.907	0.0	0.0	2.057	0.0	0.0	2.068	0.0
38	5032	5033	SN	1	0.0	24.724	9.135	0.0	27.217	8.735	0.0	120.166	2.799	0.0	167.022	2.563	0.0	1.898	0.0	0.0	1.934	0.0	0.0	2.033	0.0	0.0	2.037	0.0
39	5033	5034	SN	1	0.0	33.482	15.088	0.0	24.746	14.808	0.0	164.617	11.856	0.0	24.205	12.187	0.0	1.905	0.0	0.0	1.963	0.0	0.0	2.037	0.0	0.0	2.054	0.0
40	5033	5034	NS	1	0.0	26.764	14.105	0.0	33.04	15.594	0.0	181.689	14.302	0.0	78.991	14.115	0.0	1.911	0.0	0.0	1.923	0.0	0.0	2.061	0.0	0.0	2.07	0.0
41	5033	5034	SN	1	0.0	33.482	15.083	0.0	24.746	14.845	0.0	164.617	11.832	0.0	47.109	12.281	0.0	1.905	0.0	0.0	1.963	0.0	0.0	2.037	0.0	0.0	2.054	0.0
42	5033	5034	SN	1	0.0	33.482	15.083	0.0	24.746	14.845	0.0	164.617	11.832	0.0	47.109	12.281	0.0	1.905	0.0	0.0	1.963	0.0	0.0	2.037	0.0	0.0	2.054	0.0
43	5033	5034	NS	1	0.0	26.764	14.115	0.0	33.04	15.584	0.0	181.722	14.288	0.0	79.024	14.094	0.0	1.91	0.0	0.0	1.924	0.0	0.0	2.061	0.0	0.0	2.071	0.0
44	5033	5034	SN	1	0.0	24.74	9.175	0.0	27.211	8.727	0.0	164.617	2.811	0.0	16.512	2.526	0.0	1.898	0.0	0.0	1.935	0.0	0.0	2.033	0.0	0.0	2.037	0.0
45	5033	5034	SN	1	0.0	24.74	9.162	0.0	27.211	8.728	0.0	164.617	2.801	0.0	54.091	2.566	0.0	1.898	0.0	0.0	1.935	0.0	0.0	2.033	0.0	0.0	2.037	0.0
46	5033	5034	SN	1	0.0	24.74	9.162	0.0	27.211	8.728	0.0	164.617	2.801	0.0	54.091	2.566	0.0	1.898	0.0	0.0	1.935	0.0	0.0	2.033	0.0	0.0	2.037	0.0
47	5033	5034	NS	1	0.0	24.895	9.969	0.0	24.172	10.489	0.0	168.707	4.483	0.0	120.392	4.65	0.0	1.904	0.0	0.0	1.912	0.0	0.0	2.059	0.0	0.0	2.069	0.0
48	5033	5034	NS	1	0.0	24.895	9.974	0.0	24.172	10.482	0.0	168.745	4.472	0.0	120.475	4.639	0.0	1.903	0.0	0.0	1.913	0.0	0.0	2.059	0.0	0.0	2.07	0.0
49	5034	5035	SN	1	0.0	33.526	15.192	0.0	24.79	14.845	0.0	135.106	11.813	0.0	53.297	12.259	0.0	1.904	0.0	0.0	1.964	0.0	0.0	2.037	0.0	0.0	2.055	0.0
50	5034	5035	SN	1	0.0	33.526	15.175	0.0	24.79	14.634	0.0	135.106	12.066	0.0	16.396	11.794	0.0	1.904	0.0	0.0	1.964	0.0	0.0	2.037	0.0	0.0	2.055	0.0
51	5034	5035	SN	1	0.0	25.446	9.095	0.0	27.211	8.71	0.0	118.793	2.718	0.0	60.08	2.559	0.0	1.898	0.0	0.0	1.936	0.0	0.0	2.034	0.0	0.0	2.038	0.0
52	5034	5035	SN	1	0.0	25.446	9.171	0.0	27.211	8.704	0.0	118.793	2.799	0.0	12.464	2.408	0.0	1.898	0.0	0.0	1.936	0.0	0.0	2.034	0.0	0.0	2.038	0.0
53	5034	5035	NS	1	0.0	26.775	14.07	0.0	32.627	15.611	0.0	353.25	14.356	0.0	70.542	14.134	0.0	1.907	0.0	0.0	1.932	0.0	0.0	2.061	0.0	0.0	2.072	0.0
54	5034	5035	NS	1	0.0	24.889	9.982	0.0	24.244	10.514	0.0	353.25	4.497	0.0	134.825	4.697	0.0	1.905	0.0	0.0	1.912	0.0	0.0	2.058	0.0	0.0	2.07	0.0
55	5034	5035	NS	1	0.0	24.889	9.972	0.0	24.277	10.502	0.0	353.25	4.502	0.0	172.482	4.703	0.0	1.902	0.0	0.0	1.916	0.0	0.0	2.058	0.0	0.0	2.07	0.0
56	5034	5035	NS	1	0.0	26.775	14.114	0.0	33.084	15.553	0.0	353.25	14.372	0.0	70.542	14.094	0.0	1.909	0.0	0.0	1.912	0.0	0.0	2.061	0.0	0.0	2.073	0.0
57	5035	5036	SN	1	0.0	25.413	9.318	0.0	27.211	8.717	0.0	134.45	2.844	0.0	11.714	2.425	0.0	1.897	0.0	0.0	1.935	0.0	0.0	2.032	0.0	0.0	2.037	0.0
58	5035	5036	NS	1	0.0	26.803	14.102	0.0	33.129	15.563	0.0	354.049	14.407	0.0	78.142	14.151	0.0	1.913	0.0	0.0	1.93	0.0	0.0	2.061	0.0	0.0	2.067	0.0
59	5035	5036	SN	1	0.0	33.426	15.174	0.0	24.79	14.897	0.0	133.331	11.709	0.0	54.621	12.141	0.0	1.904	0.0	0.0	1.962	0.0	0.0	2.035	0.0	0.0	2.031	0.0
60	5035	5036	NS	1	0.0	26.803	14.102	0.0	33.129	15.563	0.0	354.049	14.407	0.0	78.142	14.151	0.0	1.913	0.0	0.0	1.93	0.0	0.0	2.061	0.0	0.0	2.067	0.0
61	5035	5036	SN	1	0.0	25.413	9.025	0.0	27.211	8.688	0.0	134.45	2.595	0.0	56.65	2.503	0.0	1.897	0.0	0.0	1.935	0.0	0.0	2.032	0.0	0.0	2.037	0.0
62	5035	5036	NS	1	0.0	24.9	9.971	0.0	24.178	10.533	0.0	354.049	4.493	0.0	76.868	4.768	0.0	1.902	0.0	0.0	1.91	0.0	0.0	2.058	0.0	0.0	2.065	0.0
63	5035	5036	SN	1	0.0	25.413	9.025	0.0	27.211	8.688	0.0	134.45	2.595	0.0	56.65	2.503	0.0	1.897	0.0	0.0	1.935	0.0	0.0	2.032	0.0	0.0	2.037	0.0
64	5035	5036	SN	1	0.0	33.426	15.317	0.0	24.79	14.348	0.0	133.331	12.477	0.0	13.037	11.216	0.0	1.904	0.0	0.0	1.962	0.0	0.0	2.035	0.0	0.0	2.031	0.0
65	5035	5036	NS	1	0.0	24.9	9.971	0.0	24.178	10.533	0.0	354.049	4.493	0.0	76.868	4.768	0.0	1.902	0.0	0.0	1.91	0.0	0.0	2.058	0.0	0.0	2.065	0.0
66	5035	5036	SN	1	0.0	33.426	15.174	0.0	24.79	14.897	0.0	133.331	11.709	0.0	54.621	12.141	0.0	1.904	0.0	0.0	1.962	0.0	0.0	2.035	0.0	0.0	2.031	0.0
67	5036	5037	NS	1	0.0	26.808	14.115	0.0	33.311	15.646	0.0	154.329	14.356	0.0	76.67	14.202	0.0	1.911	0.0	0.0	1.916	0.0	0.0	2.061	0.0	0.0	2.067	0.0
68	5036	5037	SN	1	0.0	25.501	9.019	0.0	27.217	8.661	0.0	131.433	2.471	0.0	57.968	2.476	0.0	1.896	0.0	0.0	1.933	0.0	0.0	2.031	0.0	0.0	2.039	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0	Alarming	High Errors



69	5036	5037	SN	1	0.0	25.501	9.019	0.0	27.217	8.661	0.0	131.433	2.471	0.0	57.968	2.476	0.0	1.896	0.0	0.0	1.933	0.0	0.0	2.031	0.0	0.0	2.039	0.0
70	5036	5037	NS	1	0.0	24.895	9.949	0.0	24.189	10.572	0.0	142.395	4.46	0.0	130.744	4.777	0.0	1.902	0.0	0.0	1.915	0.0	0.0	2.06	0.0	0.0	2.067	0.0
71	5036	5037	NS	1	0.0	26.808	14.124	0.0	33.151	15.584	0.0	142.395	14.336	0.0	85.201	14.129	0.0	1.913	0.0	0.0	1.913	0.0	0.0	2.06	0.0	0.0	2.067	0.0
72	5036	5037	SN	1	0.0	33.454	15.135	0.0	26.122	14.938	0.0	130.364	11.639	0.0	55.646	12.105	0.0	1.903	0.0	0.0	1.966	0.0	0.0	2.034	0.0	0.0	2.041	0.0
73	5036	5037	NS	1	0.0	24.911	9.944	0.0	24.2	10.567	0.0	142.395	4.457	0.0	130.253	4.778	0.0	1.909	0.0	0.0	1.916	0.0	0.0	2.059	0.0	0.0	2.066	0.0
74	5036	5037	SN	1	0.0	33.454	15.135	0.0	26.122	14.938	0.0	130.364	11.639	0.0	55.646	12.105	0.0	1.903	0.0	0.0	1.966	0.0	0.0	2.034	0.0	0.0	2.041	0.0
75	5037	5038	SN	1	0.0	33.377	15.186	0.0	24.768	14.877	0.0	131.042	11.576	0.0	87.846	12.105	0.0	1.903	0.0	0.0	1.961	0.0	0.0	2.034	0.0	0.0	2.03	0.0
76	5037	5038	SN	1	0.0	25.474	9.025	0.0	27.2	8.647	0.0	128.88	2.451	0.0	64.459	2.492	0.0	1.897	0.0	0.0	1.934	0.0	0.0	2.033	0.0	0.0	2.036	0.0
77	5037	5038	NS	1	0.0	26.792	14.085	0.0	33.327	15.697	0.0	147.022	14.355	0.0	77.894	14.188	0.0	1.91	0.0	0.0	1.919	0.0	0.0	2.061	0.0	0.0	2.067	0.0
78	5037	5038	NS	1	0.0	26.792	14.085	0.0	33.327	15.697	0.0	147.022	14.355	0.0	77.894	14.188	0.0	1.91	0.0	0.0	1.919	0.0	0.0	2.061	0.0	0.0	2.067	0.0
79	5037	5038	NS	1	0.0	24.9	9.958	0.0	24.2	10.547	0.0	141.435	4.446	0.0	145.061	4.795	0.0	1.908	0.0	0.0	1.915	0.0	0.0	2.057	0.0	0.0	2.064	0.0
80	5037	5038	NS	1	0.0	24.9	9.958	0.0	24.2	10.547	0.0	141.435	4.446	0.0	145.061	4.795	0.0	1.908	0.0	0.0	1.915	0.0	0.0	2.057	0.0	0.0	2.064	0.0
81	5038	5039	NS	1	0.0	24.889	9.991	0.0	24.233	10.55	0.0	351.954	4.487	0.0	152.975	4.776	0.0	1.901	0.0	0.0	1.917	0.0	0.0	2.056	0.0	0.0	2.066	0.0
82	5038	5039	NS	1	0.0	26.786	14.007	0.0	33.029	15.652	0.0	138.639	14.401	0.0	70.73	14.163	0.0	1.907	0.0	0.0	1.915	0.0	0.0	2.062	0.0	0.0	2.067	0.0
83	5043	5044	NS	1	0.0	24.917	9.924	0.0	24.178	10.586	0.0	354.044	4.718	0.0	134.268	4.83	0.0	1.904	0.0	0.0	1.913	0.0	0.0	2.058	0.0	0.0	2.066	0.0
84	5043	5044	NS	1	0.0	26.825	14.121	0.0	33.162	15.584	0.0	354.044	14.442	0.0	74.954	14.1	0.0	1.904	0.0	0.0	1.908	0.0	0.0	2.063	0.0	0.0	2.067	0.0
85	5043	5044	SN	1	0.0	33.421	15.196	0.0	24.773	14.594	0.0	138.487	11.601	0.0	16.942	11.574	0.0	1.903	0.0	0.0	1.963	0.0	0.0	2.035	0.0	0.0	2.058	0.0
86	5043	5044	SN	1	0.0	33.421	15.218	0.0	24.773	14.839	0.0	138.487	11.426	0.0	54.24	11.998	0.0	1.903	0.0	0.0	1.963	0.0	0.0	2.035	0.0	0.0	2.058	0.0
87	5043	5044	SN	1	0.0	33.421	15.218	0.0	24.773	14.839	0.0	138.487	11.426	0.0	54.24	11.998	0.0	1.903	0.0	0.0	1.963	0.0	0.0	2.035	0.0	0.0	2.058	0.0
88	5043	5044	NS	1	0.0	26.825	14.121	0.0	33.162	15.584	0.0	354.044	14.442	0.0	74.954	14.1	0.0	1.904	0.0	0.0	1.908	0.0	0.0	2.063	0.0	0.0	2.067	0.0
89	5043	5044	SN	1	0.0	25.468	9.046	0.0	27.2	8.528	0.0	138.487	2.267	0.0	12.552	2.356	0.0	1.898	0.0	0.0	1.934	0.0	0.0	2.031	0.0	0.0	2.042	0.0
90	5043	5044	SN	1	0.0	25.468	8.995	0.0	27.2	8.539	0.0	138.487	2.221	0.0	56.689	2.494	0.0	1.898	0.0	0.0	1.934	0.0	0.0	2.031	0.0	0.0	2.042	0.0
91	5043	5044	SN	1	0.0	25.468	8.995	0.0	27.2	8.539	0.0	138.487	2.221	0.0	56.689	2.494	0.0	1.898	0.0	0.0	1.934	0.0	0.0	2.031	0.0	0.0	2.042	0.0
92	5043	5044	NS	1	0.0	24.917	9.924	0.0	24.178	10.586	0.0	354.044	4.718	0.0	134.268	4.83	0.0	1.904	0.0	0.0	1.913	0.0	0.0	2.058	0.0	0.0	2.066	0.0
93	5044	5045	SN	1	0.0	25.457	9.075	0.0	27.217	8.532	0.0	130.849	2.274	0.0	13.396	2.422	0.0	1.895	0.0	0.0	1.935	0.0	0.0	2.03	0.0	0.0	2.042	0.0
94	5044	5045	NS	1	0.0	26.836	14.082	0.0	32.544	15.685	0.0	154.39	14.372	0.0	86.271	14.172	0.0	1.906	0.0	0.0	1.907	0.0	0.0	2.062	0.0	0.0	2.066	0.0
95	5044	5045	NS	1	0.0	26.836	14.095	0.0	33.349	15.717	0.0	160.693	14.404	0.0	77.817	14.195	0.0	1.91	0.0	0.0	1.926	0.0	0.0	2.063	0.0	0.0	2.066	0.0
96	5044	5045	SN	1	0.0	32.858	15.163	0.0	24.795	14.783	0.0	129.796	11.51	0.0	18.999	11.793	0.0	1.902	0.0	0.0	1.964	0.0	0.0	2.034	0.0	0.0	2.059	0.0
97	5044	5045	SN	1	0.0	32.858	15.188	0.0	24.795	14.921	0.0	129.796	11.427	0.0	55.371	12.02	0.0	1.902	0.0	0.0	1.964	0.0	0.0	2.034	0.0	0.0	2.059	0.0
98	5044	5045	SN	1	0.0	25.457	9.042	0.0	27.217	8.539	0.0	130.849	2.249	0.0	58.007	2.526	0.0	1.895	0.0	0.0	1.935	0.0	0.0	2.03	0.0	0.0	2.042	0.0
99	5044	5045	NS	1	0.0	24.928	9.92	0.0	24.106	10.58	0.0	148.246	4.645	0.0	138.233	4.827	0.0	1.911	0.0	0.0	1.919	0.0	0.0	2.059	0.0	0.0	2.066	0.0
100	5044	5045	NS	1	0.0	24.922	9.915	0.0	24.106	10.592	0.0	143.04	4.633	0.0	132.553	4.821	0.0	1.902	0.0	0.0	1.916	0.0	0.0	2.06	0.0	0.0	2.067	0.0
101	5044	5045	SN	1	0.0	32.858	15.17	0.0	24.795	14.783	0.0	129.796	11.499	0.0	18.999	11.793	0.0	1.902	0.0	0.0	1.964	0.0	0.0	2.034	0.0	0.0	2.059	0.0
102	5044	5045	SN	1	0.0	25.457	9.073	0.0	27.217	8.532	0.0	130.849	2.271	0.0	13.396	2.422	0.0	1.895	0.0	0.0	1.935	0.0	0.0	2.03	0.0	0.0	2.042	0.0
103	5045	5046	SN	1	0.0	33.515	15.122	0.0	24.784	14.837	0.0	126.917	11.503	0.0	52.536	12.171	0.0	1.904	0.0	0.0	1.963	0.0	0.0	2.035	0.0	0.0	2.054	0.0
104	5045	5046	NS	1	0.0	26.853	14.111	0.0	32.561	15.74	0.0	145.262	14.423	0.0	73.763	14.162	0.0	1.91	0.0	0.0	1.914	0.0	0.0	2.064	0.0	0.0	2.066	0.0
105	5045	5046	NS	1	0.0	24.939	9.891	0.0	24.056	10.579	0.0	349.99	4.639	0.0	71.756	4.799	0.0	1.904	0.0	0.0	1.916	0.0	0.0	2.06	0.0	0.0	2.063	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0		

106	5045	5046	NS	1	0.0	24.939	9.887	0.0	24.056	10.574	0.0	349.99	4.639	0.0	71.756	4.79	0.0	1.904	0.0	0.0	1.916	0.0	0.0	2.06	0.0	0.0	2.063	0.0
107	5045	5046	SN	1	0.0	33.515	15.122	0.0	24.784	14.837	0.0	126.917	11.503	0.0	52.536	12.171	0.0	1.904	0.0	0.0	1.963	0.0	0.0	2.035	0.0	0.0	2.054	0.0
108	5045	5046	SN	1	0.0	25.457	9.068	0.0	27.2	8.57	0.0	124.821	2.384	0.0	12.541	2.4	0.0	1.897	0.0	0.0	1.934	0.0	0.0	2.031	0.0	0.0	2.041	0.0
109	5045	5046	NS	1	0.0	26.853	14.111	0.0	32.561	15.74	0.0	145.262	14.423	0.0	73.763	14.162	0.0	1.91	0.0	0.0	1.914	0.0	0.0	2.064	0.0	0.0	2.066	0.0
110	5045	5046	SN	1	0.0	25.457	9.028	0.0	27.2	8.576	0.0	124.821	2.351	0.0	54.499	2.509	0.0	1.897	0.0	0.0	1.934	0.0	0.0	2.031	0.0	0.0	2.041	0.0
111	5045	5046	SN	1	0.0	25.457	9.028	0.0	27.2	8.576	0.0	124.821	2.351	0.0	54.499	2.509	0.0	1.897	0.0	0.0	1.934	0.0	0.0	2.031	0.0	0.0	2.041	0.0
112	5045	5046	SN	1	0.0	33.515	15.109	0.0	24.784	14.695	0.0	126.917	11.594	0.0	18.117	11.898	0.0	1.904	0.0	0.0	1.963	0.0	0.0	2.035	0.0	0.0	2.054	0.0
113	5046	5047	SN	1	0.0	33.443	15.183	0.0	24.812	14.877	0.0	121.771	11.475	0.0	43.193	12.164	0.0	1.902	0.0	0.0	1.962	0.0	0.0	2.035	0.0	0.0	2.052	0.0
114	5046	5047	NS	1	0.0	26.853	14.037	0.0	33.051	15.713	0.0	149.322	14.416	0.0	71.789	14.198	0.0	1.905	0.0	0.0	1.905	0.0	0.0	2.064	0.0	0.0	2.072	0.0
115	5046	5047	SN	1	0.0	33.443	15.183	0.0	24.812	14.877	0.0	121.771	11.475	0.0	43.193	12.164	0.0	1.902	0.0	0.0	1.962	0.0	0.0	2.035	0.0	0.0	2.052	0.0
116	5046	5047	SN	1	0.0	25.402	9.064	0.0	27.211	8.619	0.0	116.477	2.394	0.0	67.564	2.516	0.0	1.897	0.0	0.0	1.934	0.0	0.0	2.031	0.0	0.0	2.042	0.0
117	5046	5047	NS	1	0.0	24.922	9.9	0.0	24.067	10.584	0.0	354.281	4.627	0.0	148.513	4.816	0.0	1.902	0.0	0.0	1.916	0.0	0.0	2.059	0.0	0.0	2.065	0.0
118	5046	5047	NS	1	0.0	26.825	14.111	0.0	33.344	15.77	0.0	175.656	14.401	0.0	73.691	14.204	0.0	1.913	0.0	0.0	1.924	0.0	0.0	2.064	0.0	0.0	2.072	0.0
119	5046	5047	NS	1	0.0	24.922	9.891	0.0	24.062	10.577	0.0	352.643	4.63	0.0	136.678	4.826	0.0	1.904	0.0	0.0	1.921	0.0	0.0	2.058	0.0	0.0	2.065	0.0
120	5046	5047	SN	1	0.0	25.402	9.064	0.0	27.211	8.619	0.0	116.477	2.394	0.0	67.564	2.516	0.0	1.897	0.0	0.0	1.934	0.0	0.0	2.031	0.0	0.0	2.042	0.0
121	5047	5048	NS	1	0.0	26.842	13.985	0.695	33.068	15.682	0.0	176.08	14.438	0.0	77.938	14.198	0.0	1.906	0.0	0.0	1.913	0.0	0.0	2.064	0.0	0.0	2.066	0.0
122	5047	5048	NS	1	0.0	24.933	9.884	0.0	24.067	10.607	0.0	320.176	4.628	0.0	151.9	4.818	0.0	1.903	0.0	0.0	1.921	0.0	0.0	2.058	0.0	0.0	2.067	0.0
123	5047	5048	SN	1	0.0	33.515	15.153	0.0	24.784	14.825	0.0	148.365	11.418	0.0	65.402	12.2	0.0	1.902	0.0	0.0	1.962	0.0	0.0	2.035	0.0	0.0	2.053	0.0
124	5047	5048	NS	1	0.0	24.933	9.884	0.0	24.067	10.607	0.0	320.176	4.628	0.0	151.9	4.818	0.0	1.903	0.0	0.0	1.921	0.0	0.0	2.058	0.0	0.0	2.067	0.0
125	5047	5048	SN	1	0.0	25.457	9.05	0.0	27.217	8.618	0.0	158.584	2.363	0.0	69.654	2.509	0.0	1.897	0.0	0.0	1.934	0.0	0.0	2.031	0.0	0.0	2.04	0.0
126	5047	5048	NS	1	0.0	26.842	13.985	0.695	33.068	15.682	0.0	176.08	14.438	0.0	77.938	14.198	0.0	1.906	0.0	0.0	1.913	0.0	0.0	2.064	0.0	0.0	2.066	0.0
127	5047	5048	SN	1	0.0	25.457	9.05	0.0	27.217	8.614	0.0	158.656	2.374	0.0	69.643	2.512	0.0	1.897	0.0	0.0	1.934	0.0	0.0	2.031	0.0	0.0	2.04	0.0
128	5047	5048	SN	1	0.0	33.515	15.153	0.0	24.779	14.835	0.0	148.304	11.382	0.0	65.402	12.221	0.0	1.903	0.0	0.0	1.962	0.0	0.0	2.035	0.0	0.0	2.053	0.0
129	5048	5049	NS	1	0.0	24.917	9.917	0.0	24.139	10.595	0.0	128.006	4.688	0.0	127.452	4.808	0.0	1.904	0.0	0.0	1.914	0.0	0.0	2.06	0.0	0.0	2.063	0.0
130	5048	5049	SN	1	0.0	33.526	15.165	0.0	24.74	14.813	0.0	144.002	11.378	0.0	51.532	12.096	0.0	1.903	0.0	0.0	1.96	0.0	0.0	2.036	0.0	0.0	2.034	0.0
131	5048	5049	SN	1	0.0	33.526	15.165	0.0	24.74	14.813	0.0	144.002	11.378	0.0	51.532	12.096	0.0	1.903	0.0	0.0	1.96	0.0	0.0	2.036	0.0	0.0	2.034	0.0
132	5048	5049	NS	1	0.0	26.842	14.015	0.695	33.107	15.713	0.0	139.637	14.427	0.0	74.866	14.191	0.0	1.906	0.0	0.0	1.917	0.0	0.0	2.064	0.0	0.0	2.067	0.0
133	5048	5049	NS	1	0.0	26.842	14.015	0.695	33.107	15.702	0.0	139.615	14.427	0.0	74.844	14.213	0.0	1.906	0.0	0.0	1.916	0.0	0.0	2.064	0.0	0.0	2.067	0.0
134	5048	5049	NS	1	0.0	24.917	9.913	0.0	24.145	10.602	0.0	127.984	4.679	0.0	127.38	4.801	0.0	1.904	0.0	0.0	1.914	0.0	0.0	2.06	0.0	0.0	2.063	0.0
135	5048	5049	SN	1	0.0	33.526	15.15	0.0	24.74	14.681	0.0	144.002	11.478	0.0	18.012	11.814	0.0	1.903	0.0	0.0	1.96	0.0	0.0	2.036	0.0	0.0	2.034	0.0
136	5048	5049	SN	1	0.0	25.457	9.073	0.0	27.211	8.601	0.0	144.002	2.363	0.0	12.42	2.379	0.0	1.898	0.0	0.0	1.929	0.0	0.0	2.031	0.0	0.0	2.052	0.0
137	5048	5049	SN	1	0.0	25.457	9.033	0.0	27.211	8.613	0.0	144.002	2.331	0.0	53.705	2.492	0.0	1.898	0.0	0.0	1.929	0.0	0.0	2.031	0.0	0.0	2.052	0.0
138	5048	5049	SN	1	0.0	25.457	9.033	0.0	27.211	8.613	0.0	144.002	2.331	0.0	53.705	2.492	0.0	1.898	0.0	0.0	1.929	0.0	0.0	2.031	0.0	0.0	2.052	0.0
139	5049	5050	SN	1	0.0	33.592	15.102	0.0	24.784	14.884	0.0	135.641	11.345	0.0	68.838	12.024	0.0	1.902	0.0	0.0	1.96	0.0	0.0	2.035	0.0	0.0	2.034	0.0
140	5049	5050	SN	1	0.0	25.512	9.026	0.0	27.205	8.57	0.0	133.027	2.195	0.0	61.343	2.483	0.0	1.897	0.0	0.0	1.926	0.0	0.0	2.03	0.0	0.0	2.04	0.0
141	5049	5050	NS	1	0.0	24.933	9.88	0.0	24.084	10.631	0.0	136.891	4.752	0.0	80.376	4.789	0.0	1.905	0.0	0.0	1.912	0.0	0.0	2.06	0.0	0.0	2.063	0.0
142	5049	5050	SN	1	0.0	25.512	9.026	0.0	27.205	8.57	0.0	133.027	2.195	0.0	61.316	2.483	0.0	1.897	0.0	0.0	1.926	0.0	0.0	2.03	0.0	0.0	2.04	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0		

143	5049	5050	SN	1	0.0	33.592	15.102	0.0	24.784	14.884	0.0	135.641	11.345	0.0	68.811	12.024	0.0	1.902	0.0	0.0	1.96	0.0	0.0	2.035	0.0	0.0	2.034	0.0
144	5049	5050	NS	1	0.0	26.836	14.005	0.689	33.14	15.662	0.0	149.625	14.454	0.0	66.197	14.177	0.0	1.906	0.0	0.0	1.919	0.0	0.0	2.063	0.0	0.0	2.069	0.0
145	5049	5050	SN	1	0.0	33.592	15.098	0.0	24.784	14.49	0.0	135.641	11.719	0.0	14.482	11.336	0.0	1.902	0.0	0.0	1.96	0.0	0.0	2.035	0.0	0.0	2.034	0.0
146	5049	5050	SN	1	0.0	25.512	9.15	0.0	27.205	8.545	0.0	133.027	2.295	0.0	11.686	2.308	0.0	1.897	0.0	0.0	1.926	0.0	0.0	2.03	0.0	0.0	2.04	0.0
147	5049	5050	NS	1	0.0	26.836	14.07	0.0	32.345	15.604	0.0	158.008	14.42	0.0	61.928	14.192	0.0	1.915	0.0	0.0	1.907	0.0	0.0	2.063	0.0	0.0	2.069	0.0
148	5049	5050	NS	1	0.0	24.928	9.889	0.0	24.117	10.615	0.0	144.226	4.737	0.0	171.776	4.801	0.0	1.91	0.0	0.0	1.912	0.0	0.0	2.06	0.0	0.0	2.064	0.0
149	5050	5051	NS	1	0.0	24.933	9.866	0.0	24.056	10.639	0.0	353.9	4.744	0.0	73.14	4.773	0.0	1.913	0.0	0.0	1.915	0.0	0.0	2.059	0.0	0.0	2.063	0.0
150	5050	5051	SN	1	0.0	32.809	15.332	0.0	24.762	14.357	0.0	134.572	12.012	0.0	13.065	10.974	0.0	1.902	0.0	0.0	1.961	0.0	0.0	2.035	0.0	0.0	2.062	0.0
151	5050	5051	SN	1	0.0	32.809	15.189	0.0	24.762	14.921	0.0	134.572	11.277	0.0	53.451	11.941	0.0	1.902	0.0	0.0	1.961	0.0	0.0	2.035	0.0	0.0	2.062	0.0
152	5050	5051	SN	1	0.0	32.809	15.189	0.0	24.762	14.921	0.0	134.572	11.277	0.0	53.451	11.941	0.0	1.902	0.0	0.0	1.961	0.0	0.0	2.035	0.0	0.0	2.062	0.0
153	5050	5051	NS	1	0.0	26.869	14.06	0.0	32.307	15.633	0.0	353.906	14.449	0.0	74.64	14.199	0.0	1.915	0.0	0.0	1.933	0.0	0.0	2.063	0.0	0.0	2.068	0.0
154	5050	5051	SN	1	0.0	25.518	9.343	0.0	27.205	8.551	0.0	135.691	2.308	0.0	11.681	2.381	0.0	1.897	0.0	0.0	1.929	0.0	0.0	2.03	0.0	0.0	2.042	0.0
155	5050	5051	SN	1	0.0	25.518	9.055	0.0	27.205	8.54	0.0	135.691	2.106	0.0	60.334	2.46	0.0	1.897	0.0	0.0	1.929	0.0	0.0	2.03	0.0	0.0	2.042	0.0
156	5050	5051	SN	1	0.0	25.518	9.055	0.0	27.205	8.54	0.0	135.691	2.106	0.0	60.334	2.46	0.0	1.897	0.0	0.0	1.929	0.0	0.0	2.03	0.0	0.0	2.042	0.0
157	5050	5051	NS	1	0.0	24.933	9.869	0.0	24.056	10.642	0.0	353.906	4.74	0.0	73.19	4.773	0.0	1.912	0.0	0.0	1.917	0.0	0.0	2.059	0.0	0.0	2.064	0.0
158	5050	5051	NS	1	0.0	26.875	14.07	0.0	32.301	15.623	0.0	353.9	14.435	0.0	74.601	14.214	0.0	1.915	0.0	0.0	1.932	0.0	0.0	2.063	0.0	0.0	2.067	0.0
159	5051	5052	SN	1	0.0	25.545	9.011	0.0	27.2	8.526	0.0	132.939	2.007	0.0	64.217	2.405	0.0	1.896	0.0	0.0	1.935	0.0	0.0	2.029	0.0	0.0	2.054	0.0
160	5051	5052	SN	1	0.0	25.545	9.011	0.0	27.2	8.526	0.0	132.939	2.007	0.0	64.217	2.405	0.0	1.896	0.0	0.0	1.935	0.0	0.0	2.029	0.0	0.0	2.054	0.0
161	5051	5052	SN	1	0.0	32.82	15.221	0.0	24.762	14.86	0.0	131.853	11.306	0.0	54.146	11.834	0.0	1.902	0.0	0.0	1.963	0.0	0.0	2.035	0.0	0.0	2.063	0.0
162	5051	5052	SN	1	0.0	32.82	15.221	0.0	24.762	14.86	0.0	131.853	11.306	0.0	54.146	11.834	0.0	1.902	0.0	0.0	1.963	0.0	0.0	2.035	0.0	0.0	2.063	0.0
163	5051	5052	NS	1	0.0	26.858	14.07	0.0	32.307	15.613	0.0	354.149	14.491	0.0	81.286	14.214	0.0	1.91	0.0	0.0	1.93	0.0	0.0	2.064	0.0	0.0	2.068	0.0
164	5051	5052	NS	1	0.0	24.944	9.858	0.0	24.09	10.646	0.0	354.149	4.734	0.0	136.557	4.778	0.0	1.905	0.0	0.0	1.914	0.0	0.0	2.061	0.0	0.0	2.065	0.0
165	5051	5052	NS	1	0.0	24.944	9.858	0.0	24.09	10.646	0.0	354.149	4.734	0.0	136.557	4.778	0.0	1.905	0.0	0.0	1.914	0.0	0.0	2.061	0.0	0.0	2.065	0.0
166	5051	5052	NS	1	0.0	26.858	14.07	0.0	32.307	15.613	0.0	354.149	14.491	0.0	81.286	14.214	0.0	1.91	0.0	0.0	1.93	0.0	0.0	2.064	0.0	0.0	2.068	0.0
167	5052	5053	SN	1	0.0	25.568	9.027	0.0	27.2	8.547	0.0	72.555	2.042	0.0	57.632	2.423	0.0	1.897	0.0	0.0	1.927	0.0	0.0	2.029	0.0	0.0	2.051	0.0
168	5052	5053	NS	1	0.0	24.933	9.912	0.0	24.134	10.632	0.0	148.66	4.743	0.0	146.5	4.804	0.0	1.909	0.0	0.0	1.915	0.0	0.0	2.06	0.0	0.0	2.066	0.0
169	5052	5053	NS	1	0.0	26.88	14.115	0.0	32.616	15.595	0.0	161.091	14.445	0.0	78.539	14.215	0.0	1.912	0.0	0.0	1.929	0.0	0.0	2.064	0.0	0.0	2.068	0.0
170	5052	5053	NS	1	0.0	26.88	14.115	0.0	32.616	15.595	0.0	161.091	14.445	0.0	78.539	14.215	0.0	1.912	0.0	0.0	1.929	0.0	0.0	2.064	0.0	0.0	2.068	0.0
171	5052	5053	SN	1	0.0	32.886	15.209	0.0	24.779	14.86	0.0	91.588	11.285	0.0	54.891	11.863	0.0	1.913	0.0	0.0	1.96	0.0	0.0	2.032	0.0	0.0	2.061	0.0
172	5052	5053	NS	1	0.0	24.933	9.912	0.0	24.134	10.632	0.0	148.66	4.743	0.0	146.5	4.804	0.0	1.909	0.0	0.0	1.915	0.0	0.0	2.06	0.0	0.0	2.066	0.0
173	5053	5054	NS	1	0.0	24.944	9.911	0.0	24.139	10.638	0.0	349.985	4.786	0.0	19.093	4.771	0.0	1.913	0.0	0.0	1.913	0.0	0.0	2.06	0.0	0.0	2.066	0.0
174	5053	5054	NS	1	0.0	26.858	14.135	0.0	32.561	15.551	0.0	144.915	14.552	0.0	28.303	14.138	0.0	1.914	0.0	0.0	1.916	0.0	0.0	2.065	0.0	0.0	2.068	0.0

Parameter Specifications	Parameters	Azi.Angle	Inci.Angle	Normal	Deviations
	Range	10.0	3.0		