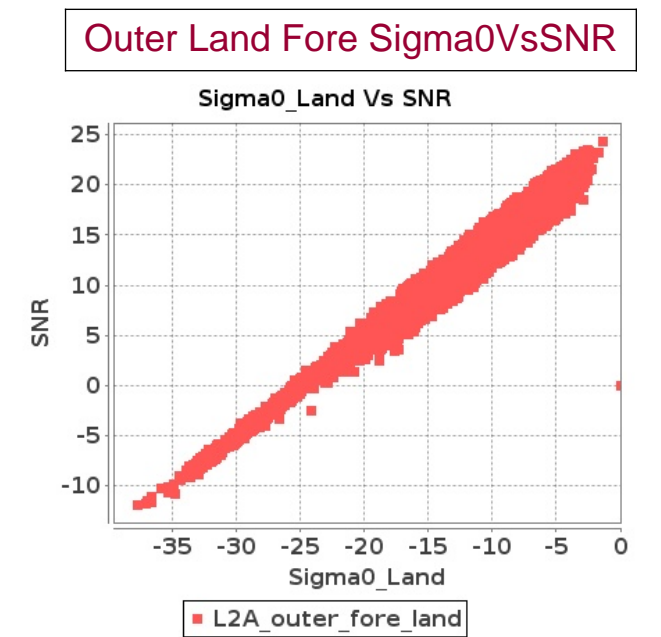
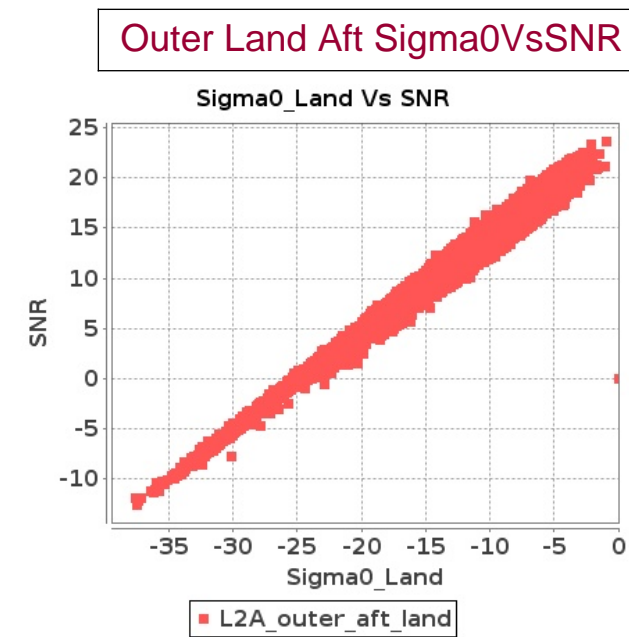
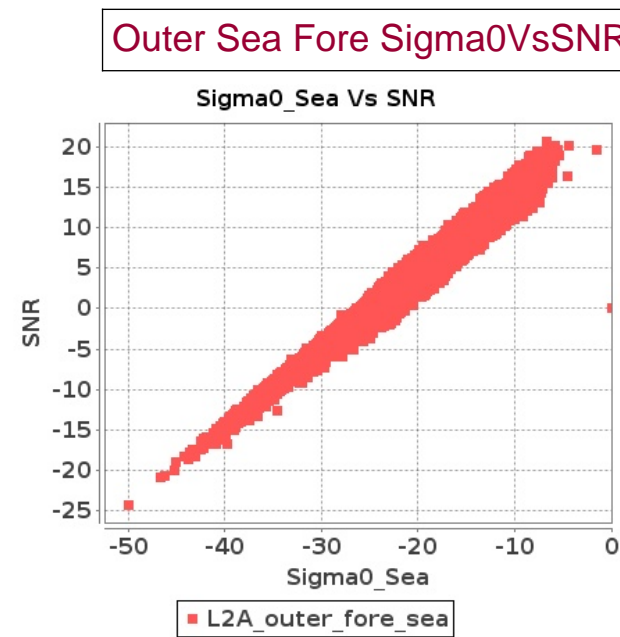
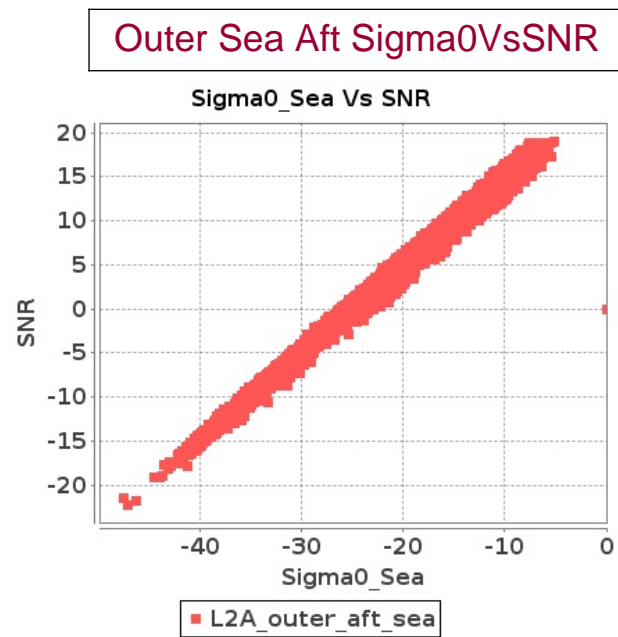
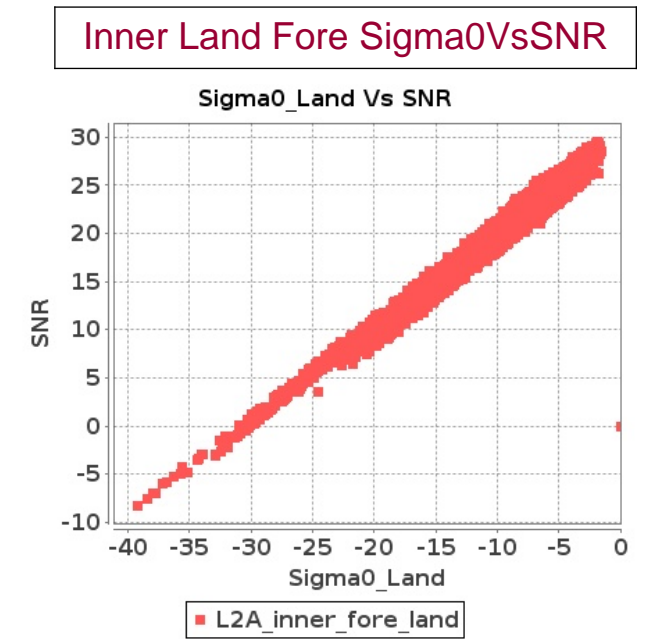
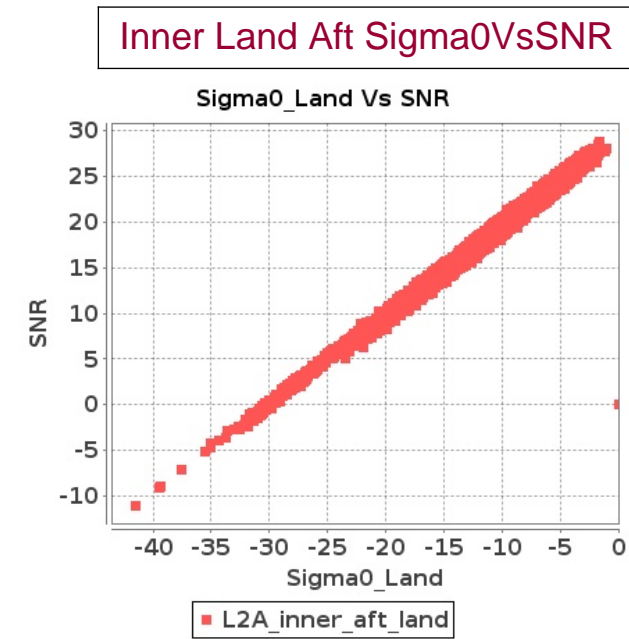
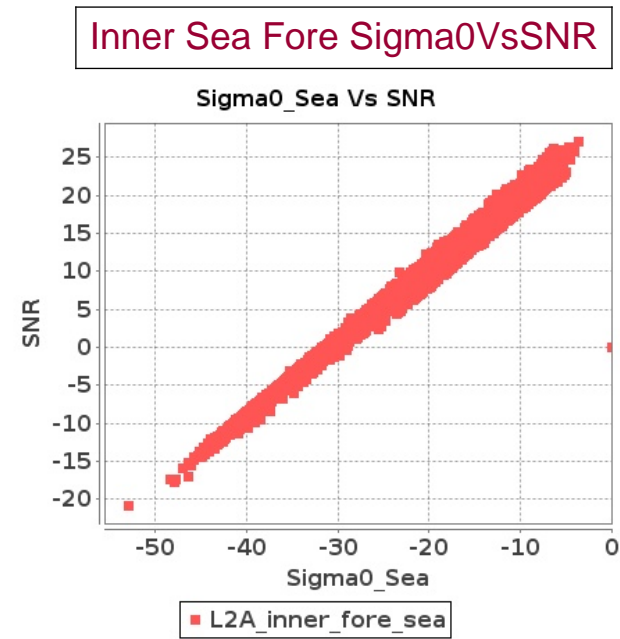
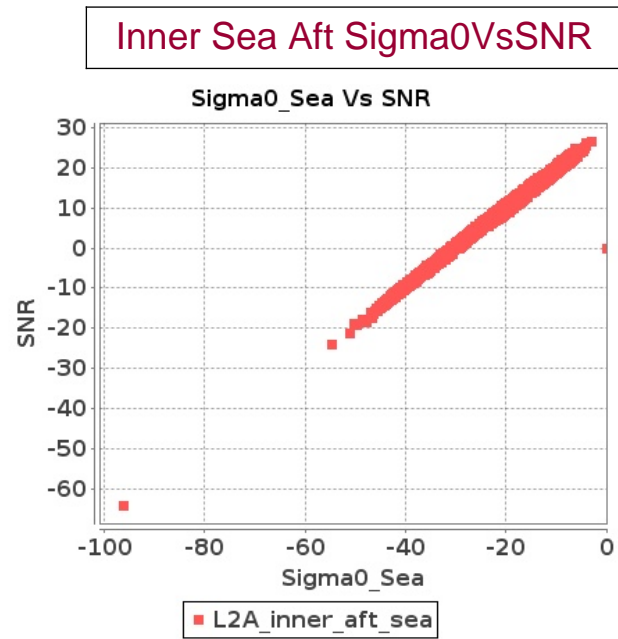


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 31-JAN-2019 To 01-FEB-2019



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

Report between 31-JAN-2019 To 01-FEB-2019

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	12423	12424	SN	1	0.0	48.104	0.605	0.0	44.936	0.885	0.0	44.75	0.698	0.0	40.579	1.022	0.0	48.344	0.602	0.0	44.681	0.742	0.0	46.993	0.64	0.0	39.052	0.817
2	12423	12424	SN	1	0.0	48.104	0.582	0.0	44.936	0.848	0.0	44.75	0.685	0.0	40.579	0.974	0.0	48.344	0.58	0.0	44.681	0.709	0.0	46.993	0.631	0.0	39.052	0.778
3	12423	12424	SN	1	0.0	47.214	2.784	0.0	52.496	3.48	0.0	38.502	2.654	0.0	42.402	3.511	0.0	47.38	2.795	0.0	51.219	3.29	0.0	38.308	2.424	0.0	41.298	2.98
4	12423	12424	SN	1	0.0	47.214	2.68	0.0	52.496	3.321	0.0	38.502	2.604	0.0	42.402	3.379	0.0	47.38	2.69	0.0	51.219	3.149	0.0	38.308	2.355	0.0	41.298	2.85
5	12424	12425	SN	1	0.0	45.808	1.405	0.0	48.74	1.796	0.0	41.58	1.418	0.0	39.38	1.884	0.0	45.353	1.398	0.0	48.231	1.722	0.0	41.492	1.369	0.0	38.86	1.723
6	12424	12425	NS	1	0.0	45.052	1.361	0.0	49.037	1.999	0.0	48.471	1.313	0.0	42.736	1.882	0.0	44.252	1.388	0.0	47.606	1.936	0.0	49.967	1.286	0.0	41.94	1.643
7	12424	12425	SN	1	0.0	54.631	4.438	0.0	47.6	5.913	0.0	50.672	4.824	0.0	50.096	5.55	0.0	56.449	4.458	0.0	46.835	5.616	0.0	48.351	4.845	0.0	52.745	5.492
8	12424	12425	NS	1	0.0	45.27	1.37	0.0	48.599	1.977	0.0	45.972	1.3	0.0	43.983	1.815	0.0	44.467	1.39	0.0	47.178	1.906	0.0	44.039	1.267	0.0	43.964	1.62
9	12424	12425	NS	1	0.0	49.142	5.055	0.0	55.268	6.469	0.0	51.509	4.535	0.0	47.686	5.97	0.0	49.974	5.278	0.0	52.109	6.227	0.0	48.365	4.564	0.0	43.925	5.409
10	12424	12425	SN	1	0.0	54.631	4.438	0.0	47.6	5.913	0.0	50.672	4.824	0.0	50.096	5.55	0.0	56.449	4.458	0.0	46.835	5.616	0.0	48.351	4.845	0.0	52.745	5.492
11	12424	12425	NS	1	0.0	47.692	5.035	0.0	48.246	6.448	0.0	51.633	4.578	0.0	46.391	5.899	0.0	48.524	5.217	0.0	49.897	6.196	0.0	48.488	4.692	0.0	48.064	5.445
12	12424	12425	SN	1	0.0	45.808	1.405	0.0	48.74	1.796	0.0	41.58	1.418	0.0	39.38	1.884	0.0	45.353	1.398	0.0	48.231	1.722	0.0	41.492	1.369	0.0	38.86	1.723
13	12424	12425	SN	1	0.0	54.631	4.438	0.0	47.6	5.913	0.0	50.672	4.824	0.0	50.096	5.55	0.0	56.449	4.458	0.0	46.835	5.616	0.0	48.351	4.845	0.0	52.745	5.492
14	12425	12426	NS	1	0.0	43.197	0.749	0.0	45.287	1.061	0.0	35.126	1.034	0.0	38.786	1.397	0.0	43.683	0.749	0.0	45.885	0.96	0.0	34.973	0.986	0.0	36.79	1.151
15	12425	12426	SN	1	0.0	45.946	1.62	0.0	46.08	2.354	0.0	43.297	1.845	0.0	45.111	2.755	0.0	45.841	1.62	0.0	43.026	2.147	0.0	44.966	1.791	0.0	41.947	2.495
16	12425	12426	SN	1	0.0	49.123	5.986	0.0	44.922	7.219	0.0	48.169	6.272	0.0	42.691	7.587	0.0	49.64	5.996	0.0	46.479	6.846	0.0	47.191	6.265	0.0	44.811	7.448
17	12425	12426	SN	1	0.0	48.877	5.955	0.0	44.926	7.21	0.0	48.217	6.172	0.0	47.85	7.602	0.0	48.284	5.965	0.0	45.985	6.805	0.0	47.239	6.201	0.0	45.469	7.441
18	12425	12426	SN	1	0.0	45.946	1.595	0.0	46.08	2.325	0.0	43.345	1.824	0.0	45.111	2.715	0.0	45.841	1.613	0.0	43.027	2.118	0.0	45.013	1.759	0.0	41.947	2.458
19	12425	12426	SN	1	0.0	48.877	5.896	0.0	44.926	7.154	0.0	48.217	6.108	0.0	47.85	7.55	0.0	48.284	5.906	0.0	45.985	6.752	0.0	47.239	6.136	0.0	45.469	7.389
20	12425	12426	NS	1	0.0	43.848	2.23	0.0	51.914	4.018	0.0	40.703	2.986	0.0	40.21	4.379	0.0	43.879	2.26	0.0	51.473	3.578	0.0	38.847	2.894	0.0	39.804	3.867
21	12425	12426	NS	1	0.0	44.227	2.23	0.0	43.964	4.028	0.0	40.937	3.065	0.0	43.116	4.371	0.0	44.26	2.26	0.0	42.351	3.547	0.0	41.803	2.865	0.0	41.324	3.939
22	12425	12426	SN	1	0.0	45.946	1.611	0.0	46.08	2.35	0.0	43.345	1.842	0.0	45.111	2.742	0.0	45.841	1.629	0.0	43.027	2.14	0.0	45.013	1.775	0.0	41.947	2.484
23	12425	12426	NS	1	0.0	47.293	0.767	0.0	45.972	1.048	0.0	34.517	1.039	0.0	39.814	1.408	0.0	46.807	0.749	0.0	46.569	0.921	0.0	34.539	0.965	0.0	40.681	1.133
24	12426	12427	NS	1	0.0	47.911	1.048	0.0	42.546	1.378	0.0	36.33	1.26	0.0	42.869	1.55	0.0	49.734	1.089	0.0	41.01	1.249	0.0	36.698	1.257	0.0	40.147	1.392
25	12426	12427	SN	1	0.0	41.959	5.454	0.0	42.386	6.531	0.0	43.638	5.74	0.0	48.311	6.834	0.0	43.008	5.577	0.0	42.916	6.459	0.0	43.349	5.689	0.0	49.265	7.023
26	12426	12427	SN	1	0.0	42.116	1.423	0.0	43.051	1.931	0.0	40.417	1.901	0.0	45.183	2.348	0.0	42.977	1.427	0.0	41.254	1.861	0.0	37.758	1.897	0.0	42.639	2.26
27	12426	12427	SN	1	0.0	42.315	5.37	0.0	42.923	6.381	0.0	43.638	5.504	0.0	48.311	6.735	0.0	43.008	5.481	0.0	42.914	6.422	0.0	43.349	5.582	0.0	49.265	6.857
28	12426	12427	SN	1	0.0	41.959	5.36	0.0	42.386	6.442	0.0	43.638	5.519	0.0	48.311	6.721	0.0	43.008	5.491	0.0	42.916	6.371	0.0	43.349	5.483	0.0	49.265	6.914
29	12426	12427	NS	1	0.0	47.037	3.361	0.0	48.676	4.045	0.0	46.412	4.054	0.0	43.307	4.738	0.0	48.213	3.492	0.0	48.394	3.744	0.0	46.882	4.147	0.0	44.147	4.32
30	12427	12428	SN	1	0.0	41.415	0.89	0.0	39.792	1.174	0.0	39.851	1.238	0.0	40.389	1.614	0.0	42.746	0.87	0.0	40.264	1.102	0.0	41.731	1.152	0.0	39.372	1.355
31	12427	12428	SN	1	0.0	46.014	3.065	0.0	55.397	3.706	0.0	45.703	3.618	0.0	41.017	4.624	0.0	46.022	3.127	0.0	56.056	3.529	0.0	45.006	3.749	0.0	40.623	4.366

Parameter Specifications	Parameters	SNR	Sigma0	■ Normal	■ Deviations
	Range	20.0	20.0	■ Alarming	■ High Errors

32	12427	12428	SN	1	0.0	46.014	2.981	0.0	55.397	3.612	0.0	45.703	3.546	0.0	41.017	4.505	0.0	46.022	3.042	0.0	56.056	3.44	0.0	45.006	3.66	0.0	40.623	4.246
33	12427	12428	NS	1	0.0	41.378	0.828	0.0	43.706	1.178	0.0	41.673	0.693	0.0	47.037	1.023	0.0	43.573	0.824	0.0	43.901	1.083	0.0	43.021	0.705	0.0	44.236	0.918
34	12427	12428	NS	1	0.0	49.454	3.44	0.0	48.455	4.247	0.0	48.225	2.866	0.0	48.461	3.533	0.0	49.038	3.51	0.0	50.297	4.277	0.0	49.69	2.909	0.0	48.174	3.405
35	12427	12428	SN	1	0.0	38.463	0.862	0.0	39.792	1.145	0.0	39.851	1.205	0.0	40.389	1.569	0.0	38.979	0.839	0.0	40.264	1.072	0.0	41.731	1.122	0.0	39.372	1.317
36	12427	12428	SN	1	0.0	38.463	0.875	0.0	39.824	1.145	0.0	39.855	1.207	0.0	40.715	1.589	0.0	38.979	0.844	0.0	40.298	1.063	0.0	41.736	1.14	0.0	37.238	1.338
37	12427	12428	NS	1	0.0	51.26	3.42	0.0	48.964	4.609	0.0	48.225	2.838	0.0	41.466	3.688	0.0	49.446	3.562	0.0	50.656	4.427	0.0	49.69	2.853	0.0	44.55	3.582
38	12427	12428	NS	1	0.0	45.581	0.914	0.0	51.063	1.165	0.0	40.247	0.767	0.0	40.466	0.998	0.0	46.996	0.921	0.0	47.975	1.144	0.0	38.114	0.728	0.0	41.076	0.924
39	12428	12429	SN	1	0.0	46.116	3.647	0.0	50.769	4.069	0.0	41.421	3.378	0.0	45.701	4.632	0.0	47.105	3.584	0.0	53.619	3.623	0.0	41.673	3.408	0.0	42.966	4.12
40	12428	12429	NS	1	0.0	54.312	1.345	0.0	52.262	1.405	0.0	44.592	1.304	0.0	48.351	1.704	0.0	53.706	1.381	0.0	50.067	1.283	0.0	45.806	1.26	0.0	45.93	1.449
41	12428	12429	SN	1	0.0	42.621	0.868	0.0	42.32	1.121	0.0	38.316	1.041	0.0	39.595	1.599	0.0	41.541	0.864	0.0	42.138	0.963	0.0	36.29	1.014	0.0	38.439	1.355
42	12428	12429	SN	1	0.0	46.116	3.485	0.0	50.769	3.913	0.0	41.421	3.228	0.0	45.701	4.468	0.0	47.105	3.424	0.0	53.619	3.485	0.0	41.673	3.256	0.0	42.966	3.978
43	12428	12429	NS	1	0.0	56.49	4.61	0.0	56.527	5.238	0.0	47.12	4.448	0.0	51.563	5.385	0.0	55.452	4.539	0.0	57.143	4.724	0.0	46.726	4.341	0.0	52.805	4.491
44	12428	12429	NS	1	0.0	57.256	1.329	0.0	48.356	1.49	0.0	41.084	1.329	0.0	44.594	1.813	0.0	56.468	1.329	0.0	52.841	1.299	0.0	41.56	1.297	0.0	42.883	1.49
45	12428	12429	SN	1	0.0	42.986	0.902	0.0	42.32	1.168	0.0	38.316	1.082	0.0	39.595	1.661	0.0	41.906	0.9	0.0	42.138	1.004	0.0	36.29	1.058	0.0	38.439	1.411
46	12428	12429	SN	1	0.0	42.621	0.869	0.0	42.32	1.121	0.0	38.316	1.039	0.0	39.595	1.599	0.0	41.541	0.864	0.0	42.138	0.963	0.0	36.29	1.014	0.0	38.439	1.355
47	12428	12429	NS	1	0.0	56.083	4.407	0.0	57.329	5.131	0.0	45.8	4.419	0.0	46.056	5.14	0.0	55.853	4.488	0.0	57.761	4.516	0.0	48.985	4.326	0.0	45.383	4.38
48	12429	12430	NS	1	0.0	50.878	4.275	0.0	48.403	5.878	0.0	46.95	4.253	0.0	43.803	5.544	0.0	50.1	4.214	0.0	46.197	5.335	0.0	46.744	4.104	0.0	44.823	4.876
49	12429	12430	SN	1	0.0	46.378	4.689	0.0	49.156	5.222	0.0	41.034	4.371	0.0	46.39	5.237	0.0	47.412	4.74	0.0	50.111	4.859	0.0	40.395	4.371	0.0	42.073	4.922
50	12429	12430	NS	1	0.0	51.794	1.077	0.0	43.519	1.587	0.0	41.755	1.386	0.0	45.474	1.787	0.0	51.142	1.066	0.0	40.465	1.373	0.0	41.143	1.242	0.0	41.576	1.506
51	12429	12430	SN	1	0.0	46.378	4.561	0.0	49.156	5.191	0.0	41.034	4.263	0.0	46.39	5.166	0.0	47.412	4.611	0.0	50.111	4.827	0.0	40.395	4.249	0.0	42.073	4.831
52	12429	12430	SN	1	0.0	46.378	4.561	0.0	49.156	5.191	0.0	41.034	4.263	0.0	46.39	5.166	0.0	47.412	4.611	0.0	50.111	4.827	0.0	40.395	4.249	0.0	42.073	4.831
53	12429	12430	NS	1	0.0	41.15	1.066	0.0	45.969	1.608	0.0	41.556	1.356	0.0	43.581	1.867	0.0	40.486	1.052	0.0	42.364	1.405	0.0	40.943	1.205	0.0	44.042	1.573
54	12429	12430	SN	1	0.0	44.13	1.13	0.0	50.632	1.57	0.0	39.309	1.175	0.0	39.832	1.555	0.0	43.963	1.105	0.0	48.69	1.49	0.0	37.97	1.131	0.0	40.88	1.405
55	12429	12430	NS	1	0.0	50.336	4.355	0.0	45.542	5.888	0.0	49.877	4.154	0.0	43.333	5.558	0.0	49.559	4.285	0.0	46.153	5.355	0.0	49.671	3.962	0.0	44.354	4.777
56	12429	12430	SN	1	0.0	44.13	1.163	0.0	50.632	1.599	0.0	39.309	1.198	0.0	39.832	1.579	0.0	43.963	1.137	0.0	48.69	1.515	0.0	37.97	1.156	0.0	40.88	1.435
57	12430	12431	NS	1	0.0	41.279	1.122	0.0	48.121	1.538	0.0	41.254	1.307	0.0	41.409	1.722	0.0	40.435	1.12	0.0	47.246	1.488	0.0	41.212	1.258	0.0	42.201	1.472
58	12430	12431	NS	1	0.0	52.369	3.71	0.0	46.67	5.345	0.0	42.318	4.339	0.0	41.017	5.472	0.0	52.561	3.861	0.0	47.854	5.224	0.0	43.406	4.296	0.0	39.955	4.912
59	12430	12431	SN	1	0.0	52.991	6.951	0.0	49.554	7.547	0.0	50.861	5.045	0.0	44.694	5.763	0.0	53.771	6.962	0.0	48.616	7.063	0.0	49.152	4.92	0.0	44.225	5.216
60	12430	12431	SN	1	0.0	50.067	1.452	0.0	49.863	1.929	0.0	42.708	1.221	0.0	43.724	1.505	0.0	49.415	1.493	0.0	49.888	1.765	0.0	45.215	1.173	0.0	45.12	1.343
61	12430	12431	SN	1	0.0	50.067	1.45	0.0	49.863	1.929	0.0	42.708	1.221	0.0	43.724	1.503	0.0	49.415	1.491	0.0	49.888	1.765	0.0	45.215	1.173	0.0	45.12	1.343
62	12430	12431	SN	1	0.0	50.067	1.574	0.0	49.863	2.064	0.0	42.708	1.335	0.0	43.724	1.621	0.0	49.415	1.619	0.0	49.888	1.9	0.0	45.215	1.283	0.0	45.12	1.463
63	12430	12431	SN	1	0.0	52.991	6.46	0.0	49.554	7.141	0.0	50.861	4.614	0.0	44.694	5.402	0.0	53.771	6.46	0.0	48.616	6.656	0.0	49.152	4.493	0.0	44.225	4.859
64	12430	12431	SN	1	0.0	52.991	6.46	0.0	49.554	7.141	0.0	50.861	4.614	0.0	44.694	5.402	0.0	53.771	6.46	0.0	48.616	6.666	0.0	49.152	4.493	0.0	44.225	4.859
65	12430	12431	NS	1	0.0	40.859	1.131	0.0	48.72	1.524	0.0	41.794	1.306	0.0	40.278	1.701	0.0	40.249	1.149	0.0	47.529	1.47	0.0	39.22	1.244	0.0	40.715	1.502
66	12431	12432	NS	1	0.0	50.709	1.398	0.0	52.432	1.899	0.0	36.378	1.51	0.0	44.504	2.169	0.0	50.559	1.464	0.0	50.114	1.764	0.0	38.427	1.455	0.0	44.563	1.928
67	12431	12432	SN	1	0.0	53.935	5.23	0.0	51.91	6.398	0.0	45.063	4.727	0.0	47.047	5.633	0.0	55.031	5.301	0.0	51.454	6.134	0.0	43.879	4.507	0.0	44.888	5.302

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	12431	12432	NS	1	0.0	51.082	1.401	0.0	52.432	1.881	0.0	36.378	1.505	0.0	46.628	2.15	0.0	50.93	1.446	0.0	50.114	1.739	0.0	38.427	1.46	0.0	46.689	1.898
69	12431	12432	NS	1	0.0	48.596	5.232	0.0	47.029	6.27	0.0	43.915	4.99	0.0	45.437	6.917	0.0	48.712	5.353	0.0	47.443	5.717	0.0	43.49	4.918	0.0	44.21	6.13
70	12431	12432	NS	1	0.0	48.596	5.212	0.0	46.852	6.421	0.0	43.915	4.89	0.0	46.385	6.853	0.0	48.712	5.353	0.0	47.27	5.797	0.0	43.49	4.833	0.0	47.577	6.066
71	12431	12432	SN	1	0.0	51.911	1.405	0.0	46.186	1.858	0.0	47.355	1.345	0.0	40.225	1.835	0.0	53.76	1.432	0.0	45.862	1.734	0.0	46.886	1.312	0.0	41.55	1.611
72	12431	12432	SN	1	0.0	51.911	1.405	0.0	46.186	1.858	0.0	47.355	1.345	0.0	40.225	1.835	0.0	53.76	1.432	0.0	45.862	1.734	0.0	46.886	1.312	0.0	41.55	1.611
73	12431	12432	SN	1	0.0	53.935	5.23	0.0	51.91	6.398	0.0	45.063	4.727	0.0	47.047	5.633	0.0	55.031	5.301	0.0	51.454	6.134	0.0	43.879	4.507	0.0	44.888	5.302
74	12432	12433	NS	1	0.0	46.096	1.144	0.0	43.861	1.737	0.0	38.681	1.49	0.0	39.721	2.041	0.0	47.09	1.163	0.0	41.655	1.538	0.0	40.748	1.42	0.0	40.458	1.72
75	12432	12433	NS	1	0.0	50.53	4.235	0.0	46.009	5.805	0.0	43.539	4.88	0.0	44.928	6.5	0.0	50.956	4.205	0.0	44.529	5.146	0.0	44.796	4.816	0.0	43.191	5.641
76	12432	12433	NS	1	0.0	46.096	1.149	0.0	43.861	1.743	0.0	38.533	1.488	0.0	39.721	2.047	0.0	47.09	1.165	0.0	41.655	1.543	0.0	40.165	1.427	0.0	40.458	1.727
77	12432	12433	SN	1	0.0	50.632	4.663	0.0	48.584	5.175	0.0	38.944	4.201	0.0	47.103	5.908	0.0	51.981	4.693	0.0	49.014	4.713	0.0	40.278	4.123	0.0	47.77	5.357
78	12432	12433	SN	1	0.0	51.667	1.306	0.0	48.198	1.768	0.0	38.574	1.355	0.0	48.198	1.94	0.0	52.486	1.295	0.0	47.294	1.645	0.0	39.359	1.369	0.0	43.87	1.745
79	12432	12433	NS	1	0.0	50.548	4.225	0.0	46.009	5.826	0.0	42.956	4.873	0.0	44.928	6.521	0.0	50.975	4.215	0.0	44.529	5.166	0.0	44.215	4.802	0.0	43.193	5.655
80	12433	12434	SN	1	0.0	43.12	1.187	0.0	43.163	1.48	0.0	48.757	1.172	0.0	39.555	1.607	0.0	44.798	1.171	0.0	44.333	1.376	0.0	45.581	1.122	0.0	37.801	1.339
81	12433	12434	SN	1	0.0	49.858	4.44	0.0	49.69	5.205	0.0	42.089	4.375	0.0	47.306	5.325	0.0	50.341	4.419	0.0	50.512	4.834	0.0	43.532	4.127	0.0	45.532	4.464
82	12433	12434	NS	1	0.0	47.286	4.636	0.0	46.894	5.867	0.0	46.279	4.662	0.0	46.984	5.827	0.0	48.626	4.767	0.0	46.624	5.898	0.0	47.25	4.704	0.0	44.655	5.784
83	12433	12434	NS	1	0.0	46.982	1.378	0.0	48.873	1.985	0.0	38.147	1.478	0.0	36.939	2.006	0.0	46.566	1.439	0.0	46.406	1.928	0.0	36.987	1.449	0.0	36.415	1.89
84	12434	12435	NS	1	0.0	47.225	3.19	0.0	45.906	4.099	0.0	41.99	4.083	0.0	40.377	5.181	0.0	49.598	3.19	0.0	46.985	4.059	0.0	40.665	4.133	0.0	37.251	4.689
85	12434	12435	NS	1	0.0	49.444	0.974	0.0	46.541	1.317	0.0	36.989	1.355	0.0	41.026	1.765	0.0	48.331	0.978	0.0	45.336	1.274	0.0	35.933	1.369	0.0	40.633	1.567
86	12434	12435	NS	1	0.0	47.225	3.11	0.0	45.912	4.217	0.0	41.104	4.133	0.0	40.377	5.189	0.0	49.598	3.182	0.0	46.985	4.155	0.0	40.665	4.097	0.0	39.751	4.716
87	12434	12435	NS	1	0.0	48.526	0.979	0.0	47.193	1.355	0.0	36.989	1.374	0.0	40.041	1.788	0.0	48.136	0.986	0.0	47.801	1.274	0.0	35.933	1.379	0.0	39.647	1.603
88	12434	12435	SN	1	0.0	51.534	2.329	0.0	49.501	3.705	0.0	43.895	2.647	0.0	45.782	3.536	0.0	52.556	2.268	0.0	48.076	3.402	0.0	42.851	2.583	0.0	47.204	3.079
89	12434	12435	SN	1	0.0	39.772	0.548	0.0	41.956	0.924	0.0	40.971	0.741	0.0	38.203	1.1	0.0	39.625	0.573	0.0	44.126	0.806	0.0	41.176	0.663	0.0	41.308	0.84
90	12435	12436	NS	1	0.0	44.082	3.017	0.0	51.362	4.268	0.0	45.79	3.65	0.0	42.525	4.699	0.0	43.872	3.038	0.0	53.3	4.127	0.0	46.246	3.6	0.0	41.337	4.28
91	12435	12436	NS	1	0.0	41.088	3.156	0.0	46.472	4.217	0.0	44.832	3.684	0.0	41.529	4.812	0.0	42.932	3.226	0.0	45.464	4.137	0.0	45.299	3.684	0.0	41.337	4.372
92	12435	12436	SN	1	0.0	46.658	0.973	0.0	40.216	1.312	0.0	37.809	1.219	0.0	40.371	1.404	0.0	47.76	0.977	0.0	39.725	1.253	0.0	35.682	1.176	0.0	39.931	1.386
93	12435	12436	NS	1	0.0	48.078	0.837	0.0	47.589	1.381	0.0	40.154	1.108	0.0	38.018	1.62	0.0	47.182	0.837	0.0	46.759	1.293	0.0	38.25	1.054	0.0	36.92	1.367
94	12435	12436	NS	1	0.0	44.082	3.117	0.0	51.362	4.565	0.0	45.79	3.807	0.0	41.811	4.924	0.0	43.872	3.096	0.0	53.3	4.396	0.0	46.246	3.769	0.0	41.337	4.498
95	12435	12436	SN	1	0.0	46.658	0.973	0.0	40.216	1.312	0.0	37.809	1.219	0.0	40.371	1.404	0.0	47.76	0.977	0.0	39.725	1.253	0.0	35.682	1.176	0.0	39.931	1.386
96	12435	12436	SN	1	0.0	50.834	3.147	0.0	46.36	4.659	0.0	51.252	3.641	0.0	51.743	4.206	0.0	50.927	3.257	0.0	47.983	4.487	0.0	48.294	3.527	0.0	53.913	4.085
97	12435	12436	SN	1	0.0	50.834	3.147	0.0	46.36	4.659	0.0	51.252	3.641	0.0	51.743	4.206	0.0	50.927	3.257	0.0	47.983	4.487	0.0	48.294	3.527	0.0	53.913	4.085
98	12435	12436	NS	1	0.0	48.078	0.804	0.0	47.589	1.304	0.0	40.154	1.072	0.0	38.018	1.564	0.0	47.182	0.802	0.0	46.759	1.22	0.0	38.711	1.015	0.0	36.92	1.297
99	12436	12437	NS	1	0.0	47.157	2.267	0.0	49.205	2.861	0.0	49.919	2.915	0.0	47.762	3.685	0.0	47.105	2.277	0.0	49.519	2.608	0.0	48.775	2.816	0.0	45.767	3.251
100	12436	12437	NS	1	0.0	45.137	0.74	0.0	42.03	0.856	0.0	37.181	0.843	0.0	46.721	1.186	0.0	43.993	0.709	0.0	43.536	0.752	0.0	35.609	0.791	0.0	41.979	0.923
101	12436	12437	NS	1	0.0	45.137	0.74	0.0	42.03	0.856	0.0	37.181	0.843	0.0	46.721	1.186	0.0	43.993	0.709	0.0	43.536	0.752	0.0	35.609	0.791	0.0	41.979	0.923
102	12436	12437	NS	1	0.0	47.157	2.267	0.0	49.205	2.861	0.0	49.919	2.915	0.0	47.762	3.685	0.0	47.105	2.277	0.0	49.519	2.608	0.0	48.775	2.816	0.0	45.767	3.251
103	12436	12437	NS	1	0.0	45.137	0.796	0.0	42.03	0.945	0.0	37.181	0.898	0.0	46.721	1.302	0.0	43.993	0.761	0.0	43.536	0.835	0.0	35.609	0.83	0.0	41.979	1.009

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	12436	12437	SN	1	0.0	42.569	4.869	0.0	50.395	5.139	0.0	40.036	4.364	0.0	44.696	5.66	0.0	42.207	4.789	0.0	53.266	4.917	0.0	39.801	4.251	0.0	45.641	5.345
105	12436	12437	SN	1	0.0	40.049	1.324	0.0	38.76	1.716	0.0	38.793	1.591	0.0	35.7	2.046	0.0	42.384	1.293	0.0	39.059	1.501	0.0	37.672	1.523	0.0	35.489	1.898
106	12436	12437	SN	1	0.0	40.049	1.327	0.0	38.76	1.698	0.0	42.96	1.605	0.0	35.364	2.056	0.0	42.384	1.286	0.0	39.059	1.499	0.0	43.552	1.545	0.0	37.957	1.916
107	12436	12437	NS	1	0.0	47.157	2.594	0.0	49.205	3.147	0.0	49.919	3.011	0.0	47.762	4.033	0.0	47.105	2.594	0.0	49.519	2.889	0.0	48.775	2.877	0.0	45.767	3.592
108	12436	12437	SN	1	0.0	42.569	4.859	0.0	50.497	5.139	0.0	40.036	4.35	0.0	44.708	5.631	0.0	42.207	4.829	0.0	53.368	4.927	0.0	39.801	4.229	0.0	45.607	5.359
109	12437	12438	NS	1	0.0	43.376	1.768	0.0	52.253	2.789	0.0	38.851	2.384	0.0	50.064	3.143	0.0	43.055	1.778	0.0	51.017	2.628	0.0	38.198	2.235	0.0	48.752	2.689
110	12437	12438	SN	1	0.0	44.54	0.735	0.0	42.12	0.888	0.0	36.716	1.02	0.0	49.233	1.389	0.0	45.972	0.742	0.0	38.955	0.818	0.0	36.072	0.983	0.0	46.911	1.129
111	12437	12438	NS	1	0.0	41.477	0.591	0.0	46.664	0.901	0.0	37.82	0.66	0.0	37.328	1.21	0.0	41.801	0.563	0.0	47.341	0.842	0.0	36.664	0.602	0.0	38.78	0.95
112	12437	12438	SN	1	0.0	44.54	0.788	0.0	44.516	0.948	0.0	36.716	1.089	0.0	49.233	1.479	0.0	45.972	0.795	0.0	41.311	0.875	0.0	36.072	1.052	0.0	46.911	1.213
113	12437	12438	NS	1	0.0	41.477	0.58	0.0	46.664	0.84	0.0	37.82	0.665	0.0	37.328	1.178	0.0	41.801	0.562	0.0	47.341	0.79	0.0	36.664	0.602	0.0	38.78	0.909
114	12437	12438	SN	1	0.0	48.112	0.706	0.0	39.144	1.087	0.0	38.519	0.949	0.0	40.327	1.443	0.0	48.433	0.713	0.0	38.989	1.003	0.0	38.3	0.917	0.0	39.109	1.217
115	12437	12438	NS	1	0.0	43.376	1.768	0.0	52.253	2.789	0.0	38.851	2.384	0.0	50.064	3.136	0.0	43.055	1.778	0.0	51.017	2.628	0.0	38.198	2.235	0.0	48.752	2.689
116	12437	12438	NS	1	0.0	41.477	0.582	0.0	46.664	0.854	0.0	37.82	0.711	0.0	38.697	1.149	0.0	41.801	0.557	0.0	47.341	0.806	0.0	36.664	0.676	0.0	40.965	0.898
117	12437	12438	NS	1	0.0	41.477	0.582	0.0	46.664	0.856	0.0	37.82	0.713	0.0	38.449	1.144	0.0	41.801	0.557	0.0	47.341	0.806	0.0	36.664	0.676	0.0	40.719	0.901
118	12437	12438	SN	1	0.0	49.028	2.55	0.0	43.14	3.687	0.0	41.319	3.114	0.0	40.909	4.218	0.0	50.752	2.59	0.0	46.373	3.495	0.0	41.806	3.0	0.0	41.168	3.91
119	12437	12438	SN	1	0.0	46.046	2.677	0.0	43.717	3.261	0.0	39.925	3.051	0.0	47.77	3.603	0.0	46.628	2.697	0.0	44.422	2.973	0.0	41.571	2.885	0.0	43.9	3.233
120	12437	12438	NS	1	0.0	43.376	1.767	0.0	52.253	2.976	0.0	38.851	2.232	0.0	50.064	3.405	0.0	43.055	1.756	0.0	51.017	2.768	0.0	38.198	1.994	0.0	48.752	2.928
121	12437	12438	SN	1	0.0	46.046	2.875	0.0	46.115	3.495	0.0	39.925	3.234	0.0	38.607	3.85	0.0	46.628	2.897	0.0	44.422	3.186	0.0	41.571	3.071	0.0	39.533	3.461
122	12437	12438	NS	1	0.0	43.376	1.719	0.0	52.253	2.762	0.0	38.851	2.268	0.0	50.064	3.174	0.0	43.055	1.731	0.0	51.017	2.572	0.0	38.198	2.042	0.0	48.752	2.681
123	12438	12439	NS	1	0.0	14.817	0.0	0.0	20.394	0.352	0.985	7.503	0.0	0.0	34.801	2.391	0.0	14.408	0.0	0.0	17.345	0.0	1.508	8.902	0.0	0.0	31.48	1.304
124	12438	12439	NS	1	0.0	15.725	0.0	0.0	21.313	0.085	0.0	9.349	0.0	0.0	25.614	0.296	0.0	16.421	0.0	0.0	17.827	0.0	0.0	8.706	0.0	0.0	22.697	0.177
125	12438	12439	SN	1	0.0	18.476	0.0	0.0	19.772	0.0	0.0	32.168	0.639	0.0	10.66	0.0	0.0	17.688	0.0	0.0	18.638	0.0	0.0	28.276	0.532	0.0	9.329	0.0
126	12438	12439	SN	1	0.0	18.954	0.0	0.0	9.636	0.0	0.0	25.912	0.309	0.0	8.699	0.0	0.0	17.415	0.0	0.0	9.126	0.0	0.0	24.396	0.206	0.0	6.923	0.0
127	12438	12439	SN	1	0.0	19.562	0.0	0.0	11.301	0.0	0.0	30.511	0.109	0.0	8.204	0.0	0.0	18.934	0.0	0.0	9.218	0.0	0.0	28.676	0.082	0.0	6.868	0.0
128	12438	12439	SN	1	0.0	17.411	0.0	0.0	10.396	0.0	0.0	19.478	0.0	0.0	9.588	0.0	0.0	16.784	0.0	0.0	8.826	0.0	0.0	17.774	0.0	0.0	7.02	0.0
129	12438	12439	NS	1	0.0	46.325	1.541	0.0	47.194	1.895	0.0	41.156	1.315	0.0	43.598	1.603	0.0	46.623	1.545	0.0	44.089	1.692	0.0	40.228	1.242	0.0	42.528	1.378
130	12438	12439	SN	1	0.0	44.448	1.463	0.0	52.282	1.916	0.0	39.339	1.37	0.0	53.775	1.911	0.0	43.584	1.501	0.0	49.875	1.879	0.0	39.249	1.424	0.0	54.496	1.855
131	12438	12439	SN	1	0.0	52.603	6.177	0.0	49.671	7.27	0.0	42.943	5.221	0.0	47.326	6.042	0.0	53.345	6.377	0.0	51.405	7.058	0.0	43.958	5.256	0.0	48.024	5.949
132	12438	12439	NS	1	0.0	56.277	5.991	0.0	54.365	7.374	0.0	47.098	4.737	0.0	45.491	5.738	0.0	57.863	6.011	0.0	56.259	6.639	0.0	46.708	4.382	0.0	44.843	4.937
133	12439	12440	SN	1	0.0	42.08	1.469	0.0	44.943	2.085	0.0	39.968	1.701	0.0	39.229	2.283	0.0	42.482	1.469	0.0	46.505	1.966	0.0	38.275	1.725	0.0	36.593	2.17
134	12439	12440	NS	1	0.0	45.655	3.632	0.0	52.626	4.024	0.0	42.711	3.671	0.0	52.372	3.959	0.0	46.581	3.601	0.0	52.164	3.622	0.0	45.662	3.586	0.0	52.239	3.405
135	12439	12440	NS	1	0.0	40.361	1.105	0.0	47.954	1.328	0.0	41.466	1.107	0.0	45.78	1.394	0.0	40.272	1.102	0.0	46.75	1.19	0.0	42.265	1.079	0.0	43.0	1.185
136	12439	12440	NS	1	0.0	45.533	3.662	0.0	52.665	3.984	0.0	42.711	3.692	0.0	50.918	3.98	0.0	46.597	3.581	0.0	52.203	3.622	0.0	42.447	3.579	0.0	50.427	3.448
137	12439	12440	SN	1	0.014	49.898	5.535	0.0	50.756	5.727	0.0	40.05	5.538	0.0	47.771	6.55	0.644	50.59	5.565	0.0	50.124	5.656	0.0	40.622	5.66	0.0	48.402	6.6
138	12439	12440	SN	1	0.014	49.898	5.535	0.0	50.756	5.727	0.0	40.05	5.538	0.0	47.771	6.55	0.644	50.59	5.565	0.0	50.124	5.656	0.0	40.622	5.66	0.0	48.402	6.6
139	12439	12440	SN	1	0.0	42.08	1.469	0.0	44.943	2.088	0.0	39.968	1.701	0.0	39.229	2.286	0.0	42.482	1.469	0.0	46.505	1.969	0.0	38.275	1.725	0.0	36.593	2.172

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	12439	12440	SN	1	0.0	49.898	5.48	0.0	50.756	5.683	0.0	40.05	5.481	0.0	47.771	6.499	0.0	50.59	5.51	0.0	50.124	5.613	0.0	40.622	5.602	0.0	48.402	6.549
141	12439	12440	SN	1	0.0	42.08	1.454	0.0	44.943	2.067	0.0	39.968	1.686	0.0	39.229	2.262	0.0	42.482	1.454	0.0	46.505	1.949	0.0	38.275	1.707	0.0	36.593	2.15
142	12440	12441	NS	1	0.0	45.27	3.664	0.0	48.775	4.99	0.0	41.514	3.639	0.0	50.191	4.98	0.0	46.107	3.725	0.0	48.645	4.799	0.0	39.207	3.611	0.0	45.59	4.781
143	12440	12441	SN	1	0.0	47.377	2.761	0.0	43.007	3.234	0.0	44.125	3.875	0.0	43.898	4.704	0.0	47.915	2.691	0.0	43.914	2.869	0.0	45.359	3.832	0.0	43.932	4.266
144	12440	12441	SN	1	0.0	46.059	0.895	0.0	49.671	1.364	0.0	42.199	1.259	0.0	40.896	1.666	0.0	46.823	0.891	0.0	50.317	1.275	0.0	40.503	1.222	0.0	39.165	1.364
145	12440	12441	SN	1	0.0	46.059	0.905	0.0	49.671	1.381	0.0	42.199	1.28	0.0	40.896	1.68	0.0	46.823	0.902	0.0	50.317	1.291	0.0	40.503	1.237	0.0	39.165	1.384
146	12440	12441	SN	1	0.0	49.021	2.816	0.0	43.007	3.267	0.0	44.215	3.902	0.0	43.898	4.738	0.0	47.915	2.724	0.0	43.914	2.898	0.0	45.448	3.873	0.0	43.932	4.296
147	12441	12442	SN	1	0.0	38.044	0.468	0.0	40.049	0.737	0.0	41.497	0.683	0.0	43.024	1.299	0.0	37.402	0.44	0.0	41.922	0.594	0.0	40.492	0.63	0.0	41.071	0.952
148	12441	12442	SN	1	0.0	38.044	0.395	0.0	40.049	0.75	0.0	41.497	0.552	0.0	42.238	1.315	0.0	37.402	0.363	0.0	41.922	0.61	0.0	40.492	0.475	0.0	41.071	0.959
149	12441	12442	NS	1	0.0	54.946	6.632	0.0	51.083	8.081	0.0	50.486	5.107	0.0	45.483	6.274	0.0	53.986	6.763	0.0	50.423	7.719	0.0	49.048	5.05	0.0	43.464	6.012
150	12441	12442	SN	1	0.0	36.638	1.018	0.0	37.464	2.179	0.0	38.205	1.721	0.0	39.879	3.952	0.0	37.97	0.886	0.0	35.963	1.822	0.0	37.028	1.572	0.0	38.175	3.18
151	12441	12442	SN	1	0.0	33.751	1.155	0.0	37.464	2.198	0.0	38.205	2.095	0.0	39.854	3.942	0.0	34.431	1.025	0.0	35.963	1.794	0.0	37.028	1.894	0.0	37.434	3.137
152	12441	12442	NS	1	0.0	44.031	1.522	0.0	45.502	2.187	0.0	41.039	1.434	0.0	43.791	1.83	0.0	43.644	1.554	0.0	43.152	2.077	0.0	40.72	1.45	0.0	46.467	1.766
153	12442	12443	SN	1	0.0	45.033	2.998	0.0	49.105	4.014	0.0	38.339	3.462	0.0	40.63	4.082	0.0	45.404	3.081	0.0	47.81	3.722	0.0	38.565	3.492	0.0	39.698	3.72
154	12442	12443	NS	1	0.0	42.519	0.754	0.0	42.478	1.044	0.0	38.82	0.796	0.0	40.794	1.322	0.0	42.921	0.795	0.0	44.59	0.929	0.0	38.525	0.743	0.0	38.86	1.06
155	12442	12443	SN	1	0.0	45.033	2.895	0.0	49.105	3.923	0.0	38.339	3.357	0.0	40.63	3.988	0.0	45.404	2.975	0.0	47.81	3.619	0.0	38.565	3.378	0.0	39.698	3.609
156	12442	12443	SN	1	0.0	36.936	0.918	0.0	46.729	1.233	0.0	39.828	1.103	0.0	39.102	1.485	0.0	35.232	0.938	0.0	46.891	1.142	0.0	38.039	1.06	0.0	39.275	1.273
157	12442	12443	SN	1	0.0	36.936	0.951	0.0	46.729	1.277	0.0	39.828	1.141	0.0	39.102	1.529	0.0	35.232	0.972	0.0	46.891	1.182	0.0	38.039	1.1	0.0	39.275	1.311
158	12442	12443	NS	1	0.0	51.036	3.678	0.0	56.753	4.077	0.0	45.128	2.865	0.0	44.882	4.097	0.0	49.469	3.618	0.0	55.866	3.775	0.0	47.022	2.794	0.0	42.874	3.387
159	12443	12444	SN	1	0.0	46.862	0.811	0.0	50.383	1.214	0.0	34.526	0.917	0.0	45.038	1.358	0.0	47.757	0.813	0.0	49.255	1.089	0.0	33.442	0.851	0.0	41.649	1.226
160	12443	12444	SN	1	0.0	54.323	2.983	0.0	56.017	4.076	0.0	44.9	3.12	0.0	45.163	4.187	0.0	55.882	2.93	0.0	53.773	3.788	0.0	44.461	3.045	0.0	43.322	3.952
161	12443	12444	SN	1	0.0	54.323	2.831	0.0	56.017	3.89	0.0	44.9	2.957	0.0	45.163	4.024	0.0	55.882	2.781	0.0	53.773	3.616	0.0	44.461	2.886	0.0	43.322	3.765
162	12443	12444	NS	1	0.0	46.385	2.36	0.0	46.34	3.281	0.0	45.706	3.109	0.0	45.734	3.909	0.0	46.529	2.28	0.0	48.045	2.757	0.0	48.233	2.788	0.0	41.775	3.057
163	12443	12444	SN	1	0.0	46.862	0.769	0.0	50.383	1.152	0.0	34.526	0.871	0.0	45.038	1.304	0.0	47.757	0.771	0.0	49.255	1.034	0.0	33.442	0.807	0.0	41.649	1.17
164	12443	12444	NS	1	0.0	43.132	0.777	0.0	45.997	1.018	0.0	37.34	0.939	0.0	38.076	1.293	0.0	44.553	0.755	0.0	43.38	0.905	0.0	37.423	0.811	0.0	38.212	0.93
165	12444	12445	NS	1	0.0	54.142	4.165	0.0	53.2	5.813	0.0	43.534	4.885	0.0	46.551	6.517	0.0	54.907	4.307	0.0	54.481	5.259	0.0	41.458	4.842	0.0	47.354	6.034
166	12444	12445	SN	1	0.0	43.155	0.566	0.0	39.543	0.696	0.0	40.968	0.577	0.0	40.705	0.733	0.0	43.498	0.552	0.0	37.686	0.612	0.0	41.21	0.514	0.0	36.879	0.588
167	12444	12445	SN	1	0.0	44.162	2.339	0.0	42.086	2.816	0.0	38.907	1.942	0.0	43.143	2.561	0.0	45.721	2.349	0.0	44.341	2.51	0.0	38.68	1.715	0.0	42.005	1.999
168	12444	12445	SN	1	0.0	43.155	0.53	0.0	39.543	0.677	0.0	40.968	0.541	0.0	40.705	0.728	0.0	43.498	0.516	0.0	37.686	0.588	0.0	41.21	0.48	0.0	37.664	0.582
169	12444	12445	NS	1	0.0	44.187	1.37	0.0	51.73	2.016	0.0	45.692	1.623	0.0	40.796	2.32	0.0	45.552	1.334	0.0	53.384	1.873	0.0	43.591	1.637	0.0	38.889	2.08
170	12444	12445	SN	1	0.0	44.162	2.434	0.0	42.086	2.857	0.0	38.907	2.089	0.0	43.143	2.568	0.0	45.721	2.467	0.0	44.341	2.549	0.0	38.68	1.844	0.0	42.005	2.046
171	12445	12446	NS	1	0.0	43.157	0.921	0.0	46.037	1.308	0.0	43.053	1.142	0.0	46.718	1.549	0.0	42.909	0.908	0.0	47.462	1.28	0.0	42.288	1.096	0.0	47.001	1.344
172	12445	12446	SN	1	0.0	45.887	0.973	0.0	48.56	1.267	0.0	39.775	0.91	0.0	49.816	1.269	0.0	45.309	0.988	0.0	49.04	1.132	0.0	38.283	0.878	0.0	44.919	1.125
173	12445	12446	SN	1	0.0	50.915	4.084	0.0	53.427	4.787	0.0	39.752	3.429	0.0	41.543	4.3	0.0	52.42	4.014	0.0	56.015	4.614	0.0	41.162	3.365	0.0	41.07	4.077
174	12445	12446	NS	1	0.0	46.257	3.284	0.0	48.294	4.549	0.0	44.037	3.958	0.0	46.71	4.803	0.0	45.781	3.307	0.0	49.344	4.356	0.0	42.28	3.638	0.0	45.003	4.099
175	12446	12447	SN	1	0.0	48.435	3.433	0.0	49.289	4.494	0.0	40.538	3.802	0.0	51.982	4.381	0.0	48.55	3.443	0.0	49.137	4.141	0.0	42.803	3.682	0.0	51.219	4.002

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

176	12446	12447	NS	1	0.0	48.214	1.434	0.0	46.967	1.98	0.0	38.548	1.389	0.0	43.35	2.081	0.0	48.082	1.427	0.0	49.741	1.831	0.0	37.585	1.299	0.0	44.791	1.743
177	12446	12447	NS	1	0.0	48.123	5.191	0.0	47.05	6.129	0.0	44.694	4.787	0.0	46.481	6.156	0.0	48.754	5.312	0.0	47.852	5.908	0.0	44.825	4.545	0.0	47.0	5.765
178	12446	12447	NS	1	0.0	42.344	1.479	0.0	45.477	1.989	0.0	42.471	1.467	0.0	48.494	2.078	0.0	42.215	1.454	0.0	48.25	1.822	0.0	41.859	1.364	0.0	45.469	1.754
179	12446	12447	SN	1	0.0	43.922	1.042	0.0	50.66	1.334	0.0	37.676	1.196	0.0	39.401	1.507	0.0	42.448	1.022	0.0	51.239	1.2	0.0	38.321	1.18	0.0	39.583	1.32
180	12446	12447	NS	1	0.0	50.078	5.191	0.0	47.419	6.19	0.0	44.694	4.78	0.0	46.865	6.092	0.0	50.706	5.383	0.0	47.527	5.958	0.0	44.827	4.609	0.0	47.385	5.751
181	12447	12448	SN	1	0.0	54.55	5.796	0.0	43.693	6.548	0.0	49.024	4.637	0.0	47.745	6.221	0.0	56.894	5.836	0.0	45.611	6.223	0.0	49.585	4.666	0.0	47.339	5.611
182	12447	12448	NS	1	0.0	50.949	1.095	0.0	53.672	1.637	0.0	37.685	1.361	0.0	43.922	1.769	0.0	51.328	1.134	0.0	56.117	1.5	0.0	39.112	1.318	0.0	43.919	1.655
183	12447	12448	SN	1	0.0	52.033	1.503	0.0	43.831	2.012	0.0	45.561	1.517	0.0	51.234	2.057	0.0	53.543	1.494	0.0	44.442	1.939	0.0	45.399	1.476	0.0	54.353	1.766
184	12447	12448	NS	1	0.0	43.797	3.682	0.0	55.426	4.631	0.0	41.13	4.309	0.0	45.615	5.273	0.0	44.354	3.712	0.0	53.996	4.501	0.0	42.401	4.281	0.0	48.317	5.046
185	12448	12449	SN	1	0.0	50.183	1.125	0.0	47.671	1.537	0.0	42.965	1.13	0.0	39.729	1.492	0.0	49.001	1.123	0.0	47.92	1.444	0.0	42.772	1.052	0.0	38.565	1.272
186	12448	12449	SN	1	0.0	49.209	4.557	0.0	46.806	5.42	0.0	45.364	3.986	0.0	45.346	4.953	0.0	50.017	4.577	0.0	50.072	4.995	0.0	45.111	3.83	0.0	45.264	4.309
187	12448	12449	NS	1	0.0	42.448	0.673	0.0	40.135	0.885	0.0	37.179	0.796	0.0	37.408	1.187	0.0	42.46	0.654	0.0	42.405	0.728	0.0	34.128	0.758	0.0	39.515	0.944
188	12448	12449	NS	1	0.0	58.102	2.385	0.0	46.733	3.049	0.0	43.279	2.484	0.0	38.913	3.334	0.0	59.201	2.405	0.0	43.746	2.74	0.0	43.387	2.506	0.0	37.096	2.731
189	12448	12449	NS	1	0.0	42.448	0.663	0.0	40.135	0.873	0.0	37.179	0.805	0.0	43.522	1.169	0.0	42.46	0.65	0.0	42.405	0.712	0.0	34.128	0.766	0.0	45.636	0.929
190	12448	12449	NS	1	0.0	58.102	2.383	0.0	46.733	2.993	0.0	43.279	2.512	0.0	39.079	3.281	0.0	59.201	2.424	0.0	43.746	2.7	0.0	43.387	2.54	0.0	37.466	2.689
191	12449	12450	SN	1	0.0	45.183	0.913	0.0	46.879	1.45	0.0	39.572	1.037	0.0	48.239	1.496	0.0	43.18	0.916	0.0	45.602	1.368	0.0	40.081	1.005	0.0	46.141	1.362
192	12449	12450	NS	1	0.0	40.086	3.087	0.0	56.13	4.501	0.0	36.997	3.404	0.0	39.257	4.744	0.0	39.968	3.045	0.0	53.883	4.512	0.0	35.568	3.243	0.0	38.23	4.471
193	12449	12450	NS	1	0.0	40.086	3.015	0.0	56.13	4.337	0.0	36.997	3.393	0.0	39.257	4.593	0.0	39.968	2.964	0.0	53.883	4.357	0.0	35.568	3.208	0.0	38.23	4.294
194	12449	12450	NS	1	0.0	38.76	0.949	0.0	52.555	1.427	0.0	37.912	1.224	0.0	36.834	1.779	0.0	37.431	0.944	0.0	53.329	1.235	0.0	37.64	1.168	0.0	36.29	1.49
195	12449	12450	NS	1	0.0	38.76	0.973	0.0	52.555	1.474	0.0	37.912	1.245	0.0	36.834	1.826	0.0	37.431	0.966	0.0	53.329	1.273	0.0	37.64	1.192	0.0	36.29	1.542
196	12449	12450	SN	1	0.0	53.505	4.125	0.0	49.297	5.588	0.0	46.46	3.654	0.0	38.384	4.976	0.0	54.805	4.216	0.0	48.566	5.305	0.0	46.754	3.775	0.0	39.555	4.633
197	12450	12451	NS	1	0.0	48.463	3.707	0.0	50.349	5.023	0.0	38.01	3.172	0.0	43.861	5.206	0.0	47.854	3.696	0.0	50.757	4.72	0.0	38.516	3.095	0.0	43.919	4.253
198	12450	12451	NS	1	0.0	44.433	0.813	0.0	46.227	1.246	0.0	36.509	1.008	0.0	39.311	1.678	0.0	43.558	0.786	0.0	47.482	1.136	0.0	36.606	0.931	0.0	38.41	1.317
199	12451	12452	SN	1	0.0	44.775	1.077	0.0	48.86	1.531	0.0	36.897	1.392	0.0	39.244	2.086	0.0	44.087	1.081	0.0	49.053	1.421	0.0	36.729	1.381	0.0	35.69	1.799
200	12451	12452	SN	1	0.0	42.802	3.877	0.0	51.715	5.472	0.0	41.614	4.586	0.0	42.091	6.315	0.0	43.612	3.833	0.0	52.236	5.173	0.0	40.922	4.439	0.0	43.031	5.751
201	12451	12452	SN	1	0.0	42.796	3.587	0.0	51.715	5.026	0.0	41.614	4.194	0.0	42.091	5.799	0.0	43.612	3.557	0.0	52.236	4.752	0.0	39.832	4.059	0.0	43.031	5.289
202	12451	12452	SN	1	0.0	44.775	1.178	0.0	48.86	1.672	0.0	36.897	1.505	0.0	39.244	2.279	0.0	44.087	1.183	0.0	49.053	1.549	0.0	36.729	1.501	0.0	35.69	1.967
203	12452	12453	NS	1	0.0	52.83	0.874	0.0	56.705	1.346	0.0	46.897	1.113	0.0	46.972	1.387	0.0	51.525	0.87	0.0	55.361	1.209	0.0	46.359	1.031	0.0	50.279	1.169
204	12452	12453	NS	1	0.0	51.207	3.068	0.0	48.123	4.076	0.0	46.415	3.942	0.0	46.667	4.465	0.0	51.815	3.027	0.0	49.08	3.694	0.0	45.238	3.679	0.0	43.974	3.826

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	12423	12424	SN	1	0.0	23.207	5.502	0.0	25.634	6.502	0.0	111.05	2.18	0.0	13.986	3.037	0.0	1.384	0.0	0.0	1.77	0.0	0.0	1.859	0.0	0.0	2.122	0.0
2	12423	12424	SN	1	0.0	23.207	5.583	0.0	25.634	6.716	0.0	111.05	2.237	0.0	47.054	3.305	0.0	1.384	0.0	0.0	1.777	0.0	0.0	1.859	0.0	0.0	2.129	0.0
3	12423	12424	SN	1	0.0	32.285	12.231	0.0	75.012	11.981	0.0	115.611	9.613	0.0	128.922	10.943	0.0	1.39	0.0	0.0	1.773	0.0	0.0	1.85	0.0	0.0	2.124	0.0
4	12423	12424	SN	1	0.0	32.285	12.167	0.0	75.012	12.597	0.0	115.611	9.52	0.0	128.922	11.757	0.0	1.39	0.0	0.0	1.779	0.0	0.0	1.85	0.0	0.0	2.133	0.0
5	12424	12425	SN	1	0.0	23.213	5.574	0.0	124.432	6.793	0.0	122.791	2.221	0.0	239.897	3.372	0.0	1.399	0.0	0.0	1.777	0.0	0.0	1.845	0.0	0.0	2.131	0.0
6	12424	12425	NS	1	0.0	264.67	6.2	0.0	24.608	7.941	0.0	352.571	3.96	0.0	63.02	4.668	0.0	1.441	0.0	0.0	1.83	0.0	0.0	1.911	0.0	0.0	2.194	0.0
7	12424	12425	SN	1	0.0	28.954	12.108	0.0	217.779	12.533	0.0	115.826	9.683	0.0	280.512	11.883	0.0	1.395	0.0	0.0	1.775	0.0	0.0	1.85	0.0	0.0	2.135	0.0
8	12424	12425	NS	1	0.0	264.67	6.2	0.0	24.608	7.941	0.0	352.571	3.96	0.0	63.02	4.668	0.0	1.441	0.0	0.0	1.83	0.0	0.0	1.911	0.0	0.0	2.194	0.0
9	12424	12425	NS	1	0.0	41.448	10.171	0.0	32.787	14.851	0.0	356.151	11.185	0.0	71.011	12.934	0.0	1.424	0.0	0.0	1.829	0.0	0.0	1.901	0.0	0.0	2.189	0.0
10	12424	12425	SN	1	0.0	28.954	12.108	0.0	217.779	12.533	0.0	115.826	9.683	0.0	280.512	11.883	0.0	1.395	0.0	0.0	1.775	0.0	0.0	1.85	0.0	0.0	2.135	0.0
11	12424	12425	NS	1	0.0	41.448	10.171	0.0	32.787	14.851	0.0	356.151	11.185	0.0	71.011	12.934	0.0	1.424	0.0	0.0	1.829	0.0	0.0	1.901	0.0	0.0	2.189	0.0
12	12424	12425	SN	1	0.0	23.213	5.574	0.0	124.432	6.793	0.0	122.791	2.221	0.0	239.897	3.372	0.0	1.399	0.0	0.0	1.777	0.0	0.0	1.845	0.0	0.0	2.131	0.0
13	12424	12425	SN	1	0.0	28.954	12.108	0.0	217.779	12.533	0.0	115.826	9.683	0.0	280.512	11.883	0.0	1.395	0.0	0.0	1.775	0.0	0.0	1.85	0.0	0.0	2.135	0.0
14	12425	12426	NS	1	0.0	79.435	6.102	0.0	24.591	7.984	0.0	242.806	4.008	0.0	65.502	4.707	0.0	1.444	0.0	0.0	1.827	0.0	0.0	1.907	0.0	0.0	2.188	0.0
15	12425	12426	SN	1	0.0	23.218	5.549	0.0	25.623	6.736	0.0	141.245	2.246	0.0	39.601	3.282	0.0	1.386	0.0	0.0	1.775	0.0	0.0	1.863	0.0	0.0	2.128	0.0
16	12425	12426	SN	1	0.0	28.43	12.134	0.0	24.641	12.447	0.0	138.063	9.685	0.0	172.336	11.887	0.0	1.392	0.0	0.0	1.778	0.0	0.0	1.848	0.0	0.0	2.134	0.0
17	12425	12426	SN	1	0.0	28.43	12.132	0.0	24.641	12.448	0.0	138.09	9.692	0.0	172.33	11.895	0.0	1.392	0.0	0.0	1.778	0.0	0.0	1.848	0.0	0.0	2.134	0.0
18	12425	12426	SN	1	0.0	23.218	5.565	0.0	25.623	6.791	0.0	141.283	2.265	0.0	71.121	3.382	0.0	1.386	0.0	0.0	1.778	0.0	0.0	1.863	0.0	0.0	2.133	0.0
19	12425	12426	SN	1	0.0	28.43	12.123	0.0	24.641	12.568	0.0	138.09	9.648	0.0	172.33	12.07	0.0	1.392	0.0	0.0	1.779	0.0	0.0	1.848	0.0	0.0	2.134	0.0
20	12425	12426	NS	1	0.0	210.102	10.271	0.0	33.046	15.048	0.0	217.57	11.227	0.0	67.664	13.071	0.0	1.426	0.0	0.0	1.83	0.0	0.0	1.898	0.0	0.0	2.187	0.0
21	12425	12426	NS	1	0.0	210.102	10.271	0.0	33.046	15.048	0.0	217.57	11.227	0.0	67.664	13.071	0.0	1.426	0.0	0.0	1.83	0.0	0.0	1.898	0.0	0.0	2.187	0.0
22	12425	12426	SN	1	0.0	23.218	5.549	0.0	25.623	6.734	0.0	141.283	2.26	0.0	39.601	3.28	0.0	1.386	0.0	0.0	1.775	0.0	0.0	1.863	0.0	0.0	2.128	0.0
23	12425	12426	NS	1	0.0	79.435	6.102	0.0	24.591	7.984	0.0	242.806	4.008	0.0	65.502	4.707	0.0	1.444	0.0	0.0	1.827	0.0	0.0	1.907	0.0	0.0	2.188	0.0
24	12426	12427	NS	1	0.0	25.446	6.124	0.0	24.586	7.931	0.0	133.322	4.024	0.0	119.653	4.677	0.0	1.446	0.0	0.0	1.826	0.0	0.0	1.911	0.0	0.0	2.188	0.0
25	12426	12427	SN	1	0.0	32.555	12.266	0.0	275.394	12.3	0.0	140.655	9.79	0.0	131.712	11.533	0.0	1.392	0.0	0.0	1.778	0.0	0.0	1.851	0.0	0.0	2.134	0.0
26	12426	12427	SN	1	0.0	23.218	5.567	0.0	245.164	6.662	0.0	137.324	2.279	0.0	172.109	3.209	0.0	1.385	0.0	0.0	1.775	0.0	0.0	1.863	0.0	0.0	2.128	0.0
27	12426	12427	SN	1	0.0	32.555	12.216	0.0	275.394	12.549	0.0	140.655	9.725	0.0	131.712	11.892	0.0	1.392	0.0	0.0	1.779	0.0	0.0	1.851	0.0	0.0	2.134	0.0
28	12426	12427	SN	1	0.0	32.555	12.226	0.0	275.394	12.549	0.0	140.655	9.725	0.0	131.712	11.899	0.0	1.392	0.0	0.0	1.779	0.0	0.0	1.851	0.0	0.0	2.134	0.0
29	12426	12427	NS	1	0.0	23.527	10.285	0.0	33.079	15.005	0.0	142.246	11.274	0.0	69.61	12.959	0.0	1.413	0.0	0.0	1.83	0.0	0.0	1.909	0.0	0.0	2.189	0.0
30	12427	12428	SN	1	0.0	23.218	5.556	0.0	25.601	6.621	0.0	126.332	2.248	0.0	13.903	3.137	0.0	1.384	0.0	0.0	1.774	0.0	0.0	1.861	0.0	0.0	2.126	0.0
31	12427	12428	SN	1	0.0	32.55	12.25	0.0	24.641	12.117	0.0	129.834	9.818	0.0	17.615	11.354	0.0	1.39	0.0	0.0	1.778	0.0	0.0	1.84	0.0	0.0	2.131	0.0

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

32	12427	12428	SN	1	0.0	32.55	12.196	0.0	24.641	12.5	0.0	129.834	9.745	0.0	56.909	11.929	0.0	1.39	0.0	0.0	1.778	0.0	0.0	1.84	0.0	0.0	2.136	0.0
33	12427	12428	NS	1	0.0	155.209	6.118	0.0	24.586	7.934	0.0	351.308	3.96	0.0	122.946	4.617	0.0	1.431	0.0	0.0	1.826	0.0	0.0	1.909	0.0	0.0	2.188	0.0
34	12427	12428	NS	1	0.0	269.003	10.309	0.0	32.687	14.934	0.0	146.437	11.288	0.0	74.634	13.004	0.0	1.432	0.0	0.0	1.825	0.0	0.0	1.903	0.0	0.0	2.185	0.0
35	12427	12428	SN	1	0.0	23.218	5.601	0.0	25.601	6.76	0.0	126.332	2.289	0.0	50.771	3.342	0.0	1.384	0.0	0.0	1.778	0.0	0.0	1.861	0.0	0.0	2.133	0.0
36	12427	12428	SN	1	0.0	23.218	5.601	0.0	25.606	6.755	0.0	126.354	2.287	0.0	50.771	3.34	0.0	1.383	0.0	0.0	1.778	0.0	0.0	1.861	0.0	0.0	2.133	0.0
37	12427	12428	NS	1	0.0	268.925	10.312	0.0	33.101	15.003	0.0	137.867	11.226	0.0	80.442	12.945	0.0	1.425	0.0	0.0	1.83	0.0	0.0	1.908	0.0	0.0	2.188	0.0
38	12427	12428	NS	1	0.0	219.519	6.091	0.0	24.586	7.983	0.0	353.365	3.968	0.0	71.811	4.611	0.0	1.449	0.0	0.0	1.826	0.0	0.0	1.909	0.0	0.0	2.188	0.0
39	12428	12429	SN	1	0.0	31.292	12.208	0.0	24.52	11.952	0.0	124.832	9.846	0.0	32.944	11.173	0.0	1.394	0.0	0.0	1.774	0.0	0.0	1.848	0.0	0.0	2.125	0.0
40	12428	12429	NS	1	0.0	25.43	6.131	0.0	24.586	7.901	0.0	350.007	3.982	0.0	75.589	4.626	0.0	1.45	0.0	0.0	1.826	0.0	0.0	1.911	0.0	0.0	2.188	0.0
41	12428	12429	SN	1	0.0	23.207	5.624	0.0	25.617	6.803	0.0	121.104	2.284	0.0	49.701	3.369	0.0	1.388	0.0	0.0	1.778	0.0	0.0	1.844	0.0	0.0	2.132	0.0
42	12428	12429	SN	1	0.0	31.292	12.141	0.0	25.86	12.534	0.0	124.832	9.762	0.0	38.837	11.978	0.0	1.394	0.0	0.0	1.779	0.0	0.0	1.848	0.0	0.0	2.133	0.0
43	12428	12429	NS	1	0.0	23.229	10.181	0.0	32.715	14.778	0.0	352.808	11.352	0.0	66.522	12.877	0.0	1.41	0.0	0.0	1.825	0.0	0.0	1.904	0.0	0.0	2.189	0.0
44	12428	12429	NS	1	0.0	25.419	6.148	0.0	24.58	7.88	0.0	355.798	3.993	0.0	69.561	4.619	0.0	1.448	0.0	0.0	1.826	0.0	0.0	1.911	0.0	0.0	2.188	0.0
45	12428	12429	SN	1	0.0	23.207	5.543	0.0	25.617	6.608	0.0	121.104	2.241	0.0	42.821	3.113	0.0	1.388	0.0	0.0	1.771	0.0	0.0	1.844	0.0	0.0	2.124	0.0
46	12428	12429	SN	1	0.0	23.207	5.624	0.0	74.577	6.806	0.0	121.104	2.284	0.0	49.657	3.369	0.0	1.388	0.0	0.0	1.776	0.0	0.0	1.844	0.0	0.0	2.132	0.0
47	12428	12429	NS	1	0.0	23.246	10.188	0.0	32.809	14.797	0.0	355.798	11.3	0.0	66.704	12.878	0.0	1.423	0.0	0.0	1.83	0.0	0.0	1.901	0.0	0.0	2.189	0.0
48	12429	12430	NS	1	0.0	24.393	10.263	0.0	32.77	14.957	0.0	356.498	11.351	0.0	68.888	13.018	0.0	1.423	0.0	0.0	1.83	0.0	0.0	1.897	0.0	0.0	2.188	0.0
49	12429	12430	SN	1	0.0	32.561	12.207	0.0	94.679	12.174	0.0	109.776	9.633	0.0	185.031	11.178	0.0	1.39	0.0	0.0	1.777	0.0	0.0	1.837	0.0	0.0	2.131	0.0
50	12429	12430	NS	1	0.0	25.408	6.149	0.0	24.58	7.995	0.0	354.347	3.997	0.0	72.241	4.637	0.0	1.445	0.0	0.0	1.826	0.0	0.0	1.911	0.0	0.0	2.188	0.0
51	12429	12430	SN	1	0.0	32.561	12.175	0.0	94.679	12.492	0.0	109.776	9.568	0.0	185.031	11.734	0.0	1.39	0.0	0.0	1.777	0.0	0.0	1.837	0.0	0.0	2.134	0.0
52	12429	12430	SN	1	0.0	32.561	12.175	0.0	94.679	12.492	0.0	109.776	9.568	0.0	185.031	11.734	0.0	1.39	0.0	0.0	1.777	0.0	0.0	1.837	0.0	0.0	2.134	0.0
53	12429	12430	NS	1	0.0	25.413	6.147	0.0	24.58	7.984	0.0	354.358	4.003	0.0	72.224	4.639	0.0	1.446	0.0	0.0	1.827	0.0	0.0	1.911	0.0	0.0	2.188	0.0
54	12429	12430	SN	1	0.0	23.213	5.587	0.0	67.291	6.747	0.0	130.011	2.208	0.0	192.918	3.319	0.0	1.386	0.0	0.0	1.777	0.0	0.0	1.841	0.0	0.0	2.132	0.0
55	12429	12430	NS	1	0.0	24.393	10.223	0.0	32.77	14.947	0.0	356.492	11.351	0.0	68.844	12.984	0.0	1.422	0.0	0.0	1.829	0.0	0.0	1.901	0.0	0.0	2.187	0.0
56	12429	12430	SN	1	0.0	23.213	5.541	0.0	67.291	6.609	0.0	130.011	2.17	0.0	192.918	3.097	0.0	1.386	0.0	0.0	1.774	0.0	0.0	1.841	0.0	0.0	2.127	0.0
57	12430	12431	NS	1	0.0	96.336	6.205	0.0	24.586	7.99	0.0	354.882	4.025	0.0	112.263	4.695	0.0	1.438	0.0	0.0	1.826	0.0	0.0	1.91	0.0	0.0	2.188	0.0
58	12430	12431	NS	1	0.0	53.14	10.283	0.0	32.798	14.957	0.0	146.029	11.316	0.0	71.899	12.96	0.0	1.424	0.0	0.0	1.83	0.0	0.0	1.901	0.0	0.0	2.186	0.0
59	12430	12431	SN	1	0.0	32.235	12.19	0.0	24.216	11.723	0.0	90.132	9.693	0.0	15.729	10.487	0.0	1.39	0.0	0.0	1.77	0.0	0.0	1.852	0.0	0.0	2.126	0.0
60	12430	12431	SN	1	0.0	23.207	5.571	0.0	25.617	6.695	0.0	82.708	2.207	0.0	42.09	3.354	0.0	1.386	0.0	0.0	1.777	0.0	0.0	1.863	0.0	0.0	2.132	0.0
61	12430	12431	SN	1	0.0	23.207	5.571	0.0	25.617	6.69	0.0	82.708	2.207	0.0	39.19	3.348	0.0	1.386	0.0	0.0	1.778	0.0	0.0	1.863	0.0	0.0	2.132	0.0
62	12430	12431	SN	1	0.0	23.207	5.421	0.0	25.617	6.409	0.0	82.708	2.142	0.0	13.368	2.949	0.0	1.386	0.0	0.0	1.764	0.0	0.0	1.863	0.0	0.0	2.119	0.0
63	12430	12431	SN	1	0.0	32.235	12.176	0.0	24.647	12.504	0.0	90.132	9.675	0.0	42.245	11.791	0.0	1.39	0.0	0.0	1.777	0.0	0.0	1.852	0.0	0.0	2.136	0.0
64	12430	12431	SN	1	0.0	32.235	12.176	0.0	24.647	12.504	0.0	90.132	9.668	0.0	42.267	11.798	0.0	1.39	0.0	0.0	1.773	0.0	0.0	1.852	0.0	0.0	2.135	0.0
65	12430	12431	NS	1	0.0	96.336	6.205	0.0	24.586	7.99	0.0	354.882	4.027	0.0	112.263	4.695	0.0	1.438	0.0	0.0	1.826	0.0	0.0	1.91	0.0	0.0	2.188	0.0
66	12431	12432	NS	1	0.0	158.391	6.17	0.0	24.586	7.953	0.0	139.51	4.041	0.0	73.107	4.684	0.0	1.434	0.0	0.0	1.826	0.0	0.0	1.91	0.0	0.0	2.188	0.0
67	12431	12432	SN	1	0.0	32.665	12.171	0.0	24.641	12.461	0.0	141.934	9.604	0.0	38.324	11.812	0.0	1.391	0.0	0.0	1.778	0.0	0.0	1.84	0.0	0.0	2.133	0.0
68	12431	12432	NS	1	0.0	158.391	6.183	0.0	24.586	7.946	0.0	139.505	4.038	0.0	73.134	4.68	0.0	1.442	0.0	0.0	1.826	0.0	0.0	1.91	0.0	0.0	2.188	0.0

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

69	12431	12432	NS	1	0.0	70.104	10.272	0.0	33.079	15.036	0.0	143.023	11.346	0.0	67.36	12.884	0.0	1.422	0.0	0.0	1.83	0.0	0.0	1.903	0.0	0.0	2.188	0.0
70	12431	12432	NS	1	0.0	70.104	10.282	0.0	33.079	15.036	0.0	143.034	11.346	0.0	67.344	12.884	0.0	1.422	0.0	0.0	1.83	0.0	0.0	1.9	0.0	0.0	2.188	0.0
71	12431	12432	SN	1	0.0	23.218	5.573	0.0	25.623	6.68	0.0	138.664	2.254	0.0	124.929	3.319	0.0	1.386	0.0	0.0	1.778	0.0	0.0	1.851	0.0	0.0	2.131	0.0
72	12431	12432	SN	1	0.0	23.218	5.573	0.0	25.623	6.68	0.0	138.664	2.254	0.0	124.929	3.319	0.0	1.386	0.0	0.0	1.778	0.0	0.0	1.851	0.0	0.0	2.131	0.0
73	12431	12432	SN	1	0.0	32.665	12.171	0.0	24.641	12.461	0.0	141.934	9.604	0.0	38.324	11.812	0.0	1.391	0.0	0.0	1.778	0.0	0.0	1.84	0.0	0.0	2.133	0.0
74	12432	12433	NS	1	0.0	165.968	6.09	0.0	24.591	7.942	0.0	353.321	3.932	0.0	56.27	4.514	0.0	1.436	0.0	0.0	1.826	0.0	0.0	1.908	0.0	0.0	2.187	0.0
75	12432	12433	NS	1	0.0	154.574	10.189	0.0	32.693	14.919	0.0	184.493	11.34	0.0	63.483	12.863	0.0	1.409	0.0	0.0	1.829	0.0	0.0	1.902	0.0	0.0	2.183	0.0
76	12432	12433	NS	1	0.0	165.968	6.095	0.0	24.591	7.945	0.0	353.327	3.932	0.0	56.264	4.517	0.0	1.436	0.0	0.0	1.826	0.0	0.0	1.908	0.0	0.0	2.187	0.0
77	12432	12433	SN	1	0.0	29.119	12.116	0.0	25.854	12.496	0.0	138.757	9.551	0.0	80.111	11.969	0.0	1.388	0.0	0.0	1.783	0.0	0.0	1.844	0.0	0.0	2.132	0.0
78	12432	12433	SN	1	0.0	24.007	5.512	0.0	25.689	6.72	0.0	108.574	2.22	0.0	53.076	3.325	0.0	1.383	0.0	0.0	1.779	0.0	0.0	1.84	0.0	0.0	2.132	0.0
79	12432	12433	NS	1	0.0	154.574	10.199	0.0	32.693	14.919	0.0	184.493	11.333	0.0	63.478	12.87	0.0	1.409	0.0	0.0	1.829	0.0	0.0	1.902	0.0	0.0	2.184	0.0
80	12433	12434	SN	1	0.0	23.218	5.563	0.0	25.612	6.829	0.0	131.334	2.167	0.0	46.486	3.379	0.0	1.386	0.0	0.0	1.779	0.0	0.0	1.84	0.0	0.0	2.132	0.0
81	12433	12434	SN	1	0.0	28.419	12.013	0.0	25.854	12.585	0.0	129.481	9.694	0.0	38.274	11.846	0.0	1.392	0.0	0.0	1.779	0.0	0.0	1.872	0.0	0.0	2.135	0.0
82	12433	12434	NS	1	0.0	235.4	10.191	0.0	32.715	14.918	0.0	264.982	11.416	0.0	75.732	12.977	0.0	1.413	0.0	0.0	1.826	0.0	0.0	1.902	0.0	0.0	2.188	0.0
83	12433	12434	NS	1	0.0	81.393	6.026	0.0	24.58	7.972	0.0	136.976	3.985	0.0	73.653	4.546	0.0	1.447	0.0	0.0	1.826	0.0	0.0	1.906	0.0	0.0	2.187	0.0
84	12434	12435	NS	1	0.0	70.451	10.236	0.0	32.831	14.949	0.0	355.941	11.226	0.0	67.283	12.938	0.0	1.414	0.0	0.0	1.829	0.0	0.0	1.894	0.0	0.0	2.186	0.0
85	12434	12435	NS	1	0.0	69.348	6.07	0.0	24.58	7.917	0.0	275.794	3.979	0.0	70.228	4.638	0.0	1.451	0.0	0.0	1.826	0.0	0.0	1.906	0.0	0.0	2.187	0.0
86	12434	12435	NS	1	0.0	70.451	10.246	0.0	29.864	14.673	0.0	355.941	11.442	0.0	17.091	12.732	0.0	1.414	0.0	0.0	1.829	0.0	0.0	1.894	0.0	0.0	2.186	0.0
87	12434	12435	NS	1	0.0	69.348	6.179	0.0	24.58	7.984	0.0	275.794	4.057	0.0	15.337	4.594	0.0	1.451	0.0	0.0	1.826	0.0	0.0	1.906	0.0	0.0	2.187	0.0
88	12434	12435	SN	1	0.0	32.246	12.125	0.0	29.745	12.61	0.0	155.865	9.679	0.0	72.702	11.667	0.0	1.393	0.0	0.0	1.779	0.0	0.0	1.873	0.0	0.0	2.134	0.0
89	12434	12435	SN	1	0.0	23.24	5.605	0.0	67.628	6.78	0.0	155.865	2.2	0.0	61.807	3.31	0.0	1.39	0.0	0.0	1.779	0.0	0.0	1.84	0.0	0.0	2.133	0.0
90	12435	12436	NS	1	0.0	195.923	10.223	0.0	32.787	14.947	0.0	356.526	11.264	0.0	69.732	12.946	0.0	1.424	0.0	0.0	1.828	0.0	0.0	1.904	0.0	0.0	2.188	0.0
91	12435	12436	NS	1	0.0	195.923	10.273	0.0	32.787	14.957	0.0	356.526	11.351	0.0	69.732	12.975	0.0	1.424	0.0	0.0	1.828	0.0	0.0	1.904	0.0	0.0	2.188	0.0
92	12435	12436	SN	1	0.0	23.213	5.61	0.0	25.617	6.769	0.0	156.196	2.174	0.0	77.872	3.202	0.0	1.384	0.0	0.0	1.777	0.0	0.0	1.864	0.0	0.0	2.132	0.0
93	12435	12436	NS	1	0.0	161.587	6.426	0.0	24.591	8.101	0.0	354.424	4.218	0.0	15.337	4.756	0.0	1.451	0.0	0.0	1.826	0.0	0.0	1.91	0.0	0.0	2.188	0.0
94	12435	12436	NS	1	0.0	195.923	10.32	0.0	29.864	14.458	0.0	356.526	11.862	0.0	15.376	12.548	0.0	1.424	0.0	0.0	1.828	0.0	0.0	1.904	0.0	0.0	2.188	0.0
95	12435	12436	SN	1	0.0	23.213	5.61	0.0	25.617	6.769	0.0	156.196	2.174	0.0	77.872	3.202	0.0	1.384	0.0	0.0	1.777	0.0	0.0	1.864	0.0	0.0	2.132	0.0
96	12435	12436	SN	1	0.0	32.45	12.175	0.0	24.641	12.37	0.0	156.196	9.613	0.0	41.467	11.496	0.0	1.389	0.0	0.0	1.777	0.0	0.0	1.85	0.0	0.0	2.138	0.0
97	12435	12436	SN	1	0.0	32.45	12.175	0.0	24.641	12.37	0.0	156.196	9.613	0.0	41.467	11.496	0.0	1.389	0.0	0.0	1.777	0.0	0.0	1.85	0.0	0.0	2.138	0.0
98	12435	12436	NS	1	0.0	161.587	6.104	0.0	24.591	7.914	0.0	354.424	4.005	0.0	73.057	4.658	0.0	1.451	0.0	0.0	1.826	0.0	0.0	1.91	0.0	0.0	2.188	0.0
99	12436	12437	NS	1	0.0	23.251	10.257	0.0	32.77	15.135	0.0	227.883	11.362	0.0	67.355	13.01	0.0	1.42	0.0	0.0	1.83	0.0	0.0	1.898	0.0	0.0	2.189	0.0
100	12436	12437	NS	1	0.0	25.435	6.179	0.0	24.586	8.017	0.0	354.049	4.053	0.0	64.757	4.702	0.0	1.445	0.0	0.0	1.826	0.0	0.0	1.91	0.0	0.0	2.188	0.0
101	12436	12437	NS	1	0.0	25.435	6.179	0.0	24.586	8.017	0.0	354.049	4.053	0.0	64.757	4.702	0.0	1.445	0.0	0.0	1.826	0.0	0.0	1.91	0.0	0.0	2.188	0.0
102	12436	12437	NS	1	0.0	23.251	10.257	0.0	32.77	15.135	0.0	227.883	11.362	0.0	67.355	13.01	0.0	1.42	0.0	0.0	1.83	0.0	0.0	1.898	0.0	0.0	2.189	0.0
103	12436	12437	NS	1	0.0	25.435	6.82	0.0	24.586	8.383	0.0	354.049	4.482	0.0	15.343	5.034	0.0	1.445	0.0	0.0	1.826	0.0	0.0	1.91	0.0	0.0	2.188	0.0
104	12436	12437	SN	1	0.0	32.246	12.149	0.0	24.636	12.408	0.0	116.322	9.764	0.0	186.807	11.877	0.0	1.389	0.0	0.0	1.776	0.0	0.0	1.848	0.0	0.0	2.138	0.0
105	12436	12437	SN	1	0.0	23.224	5.615	0.0	25.617	6.795	0.0	119.631	2.253	0.0	100.321	3.367	0.0	1.384	0.0	0.0	1.778	0.0	0.0	1.865	0.0	0.0	2.133	0.0

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

106	12436	12437	SN	1	0.0	23.224	5.615	0.0	25.617	6.788	0.0	119.681	2.26	0.0	100.326	3.357	0.0	1.384	0.0	0.0	1.778	0.0	0.0	1.865	0.0	0.0	2.133	0.0
107	12436	12437	NS	1	0.0	23.251	10.486	0.0	29.864	14.503	0.0	227.883	12.561	0.0	15.348	12.673	0.0	1.42	0.0	0.0	1.83	0.0	0.0	1.898	0.0	0.0	2.189	0.0
108	12436	12437	SN	1	0.0	32.246	12.149	0.0	24.636	12.418	0.0	116.367	9.772	0.0	186.807	11.884	0.0	1.388	0.0	0.0	1.775	0.0	0.0	1.848	0.0	0.0	2.138	0.0
109	12437	12438	NS	1	0.0	91.662	10.203	0.0	32.748	15.051	0.0	136.72	11.287	0.0	70.3	13.005	0.0	1.418	0.0	0.0	1.829	0.0	0.0	1.897	0.0	0.0	2.188	0.0
110	12437	12438	SN	1	0.0	23.229	5.609	0.0	25.623	6.89	0.0	137.23	2.224	0.0	66.726	3.425	0.0	1.387	0.0	0.0	1.779	0.0	0.0	1.852	0.0	0.0	2.132	0.0
111	12437	12438	NS	1	0.0	207.022	6.853	0.0	24.58	8.097	0.0	249.079	4.467	0.0	15.343	4.813	0.0	1.443	0.0	0.0	1.826	0.0	0.0	1.91	0.0	0.0	2.188	0.0
112	12437	12438	SN	1	0.0	23.229	5.501	0.0	25.623	6.625	0.0	137.23	2.201	0.0	52.599	3.06	0.0	1.387	0.0	0.0	1.769	0.0	0.0	1.852	0.0	0.0	2.119	0.0
113	12437	12438	NS	1	0.0	207.022	7.151	0.0	24.58	8.616	0.0	249.079	4.688	0.0	15.343	5.263	0.0	1.443	0.0	0.0	1.826	0.0	0.0	1.91	0.0	0.0	2.188	0.0
114	12437	12438	SN	1	0.0	23.229	5.571	0.0	25.623	6.759	0.0	137.23	2.244	0.0	66.726	3.336	0.0	1.387	0.0	0.0	1.779	0.0	0.0	1.852	0.0	0.0	2.132	0.0
115	12437	12438	NS	1	0.0	91.662	10.203	0.0	32.748	15.051	0.0	136.72	11.287	0.0	70.3	13.005	0.0	1.418	0.0	0.0	1.829	0.0	0.0	1.897	0.0	0.0	2.188	0.0
116	12437	12438	NS	1	0.0	207.022	6.118	0.0	24.58	7.956	0.0	249.079	3.986	0.0	66.147	4.621	0.0	1.443	0.0	0.0	1.826	0.0	0.0	1.91	0.0	0.0	2.188	0.0
117	12437	12438	NS	1	0.0	207.022	6.118	0.0	24.58	7.956	0.0	249.079	3.986	0.0	66.147	4.621	0.0	1.443	0.0	0.0	1.826	0.0	0.0	1.91	0.0	0.0	2.188	0.0
118	12437	12438	SN	1	0.0	31.987	12.166	0.0	24.641	12.405	0.0	129.746	9.76	0.0	129.159	11.91	0.0	1.392	0.0	0.0	1.779	0.0	0.0	1.844	0.0	0.0	2.133	0.0
119	12437	12438	SN	1	0.0	31.397	11.795	0.0	24.641	12.356	0.0	129.746	9.284	0.0	129.159	11.991	0.0	1.392	0.0	0.0	1.778	0.0	0.0	1.844	0.0	0.0	2.133	0.0
120	12437	12438	NS	1	0.0	91.662	10.319	0.0	29.864	14.014	0.0	136.72	12.558	0.0	15.343	12.294	0.0	1.418	0.0	0.0	1.829	0.0	0.0	1.897	0.0	0.0	2.188	0.0
121	12437	12438	SN	1	0.0	31.397	11.829	0.0	24.354	11.599	0.0	129.746	9.313	0.0	129.159	10.919	0.0	1.392	0.0	0.0	1.77	0.0	0.0	1.844	0.0	0.0	2.127	0.0
122	12437	12438	NS	1	0.0	91.662	10.61	0.0	29.864	14.466	0.0	136.72	13.271	0.0	15.343	13.14	0.0	1.418	0.0	0.0	1.829	0.0	0.0	1.897	0.0	0.0	2.188	0.0
123	12438	12439	NS	1	0.0	20.091	25.0	0.0	24.056	8.451	1.759	248.544	50.0	0.0	14.565	3.478	0.0	1.089	0.0	0.0	1.792	0.0	0.21	0.661	0.0	0.0	2.156	0.0
124	12438	12439	NS	1	0.0	23.932	39.535	0.0	18.916	4.315	0.0	235.11	30.769	0.0	12.889	1.182	0.0	1.093	0.0	0.0	1.792	0.0	0.0	1.216	0.0	0.0	2.148	0.0
125	12438	12439	SN	1	0.0	23.472	8.305	0.0	24.647	61.702	0.0	12.315	5.538	0.0	18.084	36.364	0.0	1.327	0.0	0.0	1.588	0.0	0.0	1.785	0.0	0.0	1.859	0.0
126	12438	12439	SN	1	0.0	22.909	7.143	0.0	24.558	56.818	0.0	13.374	4.33	0.0	57.191	46.429	0.0	1.327	0.0	0.0	1.586	0.0	0.0	1.826	0.0	0.0	1.794	0.0
127	12438	12439	SN	1	0.0	18.211	4.734	0.0	21.994	44.0	0.0	11.51	1.605	0.0	14.471	19.685	0.0	1.333	0.0	0.0	1.629	0.0	0.0	1.803	0.0	0.0	1.964	0.0
128	12438	12439	SN	1	0.0	18.47	4.753	0.0	61.622	45.918	0.0	12.287	1.828	0.0	51.245	30.476	0.0	1.351	0.0	0.0	1.589	0.0	0.0	1.832	0.0	0.0	1.987	0.0
129	12438	12439	NS	1	0.0	253.549	6.099	0.0	24.58	7.975	0.0	351.22	3.991	0.0	78.026	4.498	0.0	1.422	0.0	0.0	1.823	0.0	0.0	1.912	0.0	0.0	2.184	0.0
130	12438	12439	SN	1	0.0	23.185	5.621	0.0	61.622	6.75	0.0	127.071	2.234	0.0	51.234	3.391	0.0	1.378	0.0	0.0	1.778	0.0	0.0	1.851	0.0	0.0	2.132	0.0
131	12438	12439	SN	1	0.0	32.533	12.102	0.0	24.647	12.548	0.0	130.347	9.682	0.0	74.693	11.884	0.0	1.383	0.0	0.0	1.778	0.0	0.0	1.85	0.0	0.0	2.134	0.0
132	12438	12439	NS	1	0.0	211.994	10.308	0.0	32.732	15.079	0.0	133.444	11.26	0.0	81.203	12.988	0.0	1.422	0.0	0.0	1.827	0.0	0.0	1.9	0.0	0.0	2.184	0.0
133	12439	12440	SN	1	0.0	23.207	5.603	0.0	25.606	6.774	0.0	138.482	2.184	0.0	232.201	3.262	0.0	1.392	0.0	0.0	1.776	0.0	0.0	1.836	0.0	0.0	2.132	0.0
134	12439	12440	NS	1	0.0	23.262	10.249	0.0	32.781	14.909	0.0	351.055	11.39	0.0	68.822	12.905	0.0	1.417	0.0	0.0	1.829	0.0	0.0	1.902	0.0	0.0	2.186	0.0
135	12439	12440	NS	1	0.0	25.435	6.036	0.0	24.58	7.99	0.0	333.241	3.938	0.0	75.561	4.559	0.0	1.447	0.0	0.0	1.825	0.0	0.0	1.906	0.0	0.0	2.187	0.0
136	12439	12440	NS	1	0.0	23.262	10.249	0.0	32.781	14.899	0.0	351.066	11.39	0.0	68.849	12.905	0.0	1.412	0.0	0.0	1.83	0.0	0.0	1.902	0.0	0.0	2.186	0.0
137	12439	12440	SN	1	0.005	32.268	12.205	0.0	24.641	12.267	0.0	135.117	9.83	0.0	180.371	11.717	0.0	1.396	0.0	0.0	1.781	0.0	0.0	1.823	0.0	0.0	2.135	0.0
138	12439	12440	SN	1	0.005	32.268	12.205	0.0	24.641	12.267	0.0	135.117	9.83	0.0	180.371	11.717	0.0	1.396	0.0	0.0	1.781	0.0	0.0	1.823	0.0	0.0	2.135	0.0
139	12439	12440	SN	1	0.0	23.207	5.603	0.0	25.606	6.769	0.0	138.482	2.184	0.0	232.201	3.256	0.0	1.392	0.0	0.0	1.776	0.0	0.0	1.836	0.0	0.0	2.132	0.0
140	12439	12440	SN	1	0.0	32.268	12.165	0.0	24.641	12.376	0.0	135.117	9.785	0.0	180.371	11.884	0.0	1.396	0.0	0.0	1.781	0.0	0.0	1.823	0.0	0.0	2.135	0.0
141	12439	12440	SN	1	0.0	23.207	5.622	0.0	25.606	6.809	0.0	138.482	2.194	0.0	232.201	3.356	0.0	1.392	0.0	0.0	1.779	0.0	0.0	1.836	0.0	0.0	2.133	0.0
142	12440	12441	NS	1	0.0	90.498	10.256	0.0	32.82	14.95	0.0	352.693	11.416	0.0	68.744	12.805	0.0	1.412	0.0	0.0	1.829	0.0	0.0	1.902	0.0	0.0	2.186	0.0

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

143	12440	12441	SN	1	0.0	32.152	12.16	0.0	33.633	12.388	0.0	123.271	9.871	0.0	59.796	12.01	0.0	1.399	0.0	0.0	1.782	0.0	0.0	1.837	0.0	0.0	2.132	0.0
144	12440	12441	SN	1	0.0	23.246	5.644	0.0	43.949	6.884	0.0	119.389	2.261	0.0	171.194	3.425	0.0	1.392	0.0	0.0	1.779	0.0	0.0	1.843	0.0	0.0	2.134	0.0
145	12440	12441	SN	1	0.0	23.246	5.619	0.0	43.949	6.819	0.0	119.389	2.241	0.0	171.194	3.308	0.0	1.392	0.0	0.0	1.777	0.0	0.0	1.843	0.0	0.0	2.132	0.0
146	12440	12441	SN	1	0.0	32.152	12.198	0.0	33.633	12.249	0.0	123.271	9.917	0.0	59.796	11.802	0.0	1.399	0.0	0.0	1.78	0.0	0.0	1.837	0.0	0.0	2.132	0.0
147	12441	12442	SN	1	0.0	23.229	5.831	0.0	25.612	6.14	0.0	129.845	2.399	0.0	72.566	2.811	0.0	1.391	0.0	0.0	1.778	0.0	0.0	1.82	0.0	0.0	2.132	0.0
148	12441	12442	SN	1	0.0	23.229	5.956	0.0	25.612	5.832	0.0	129.845	1.307	0.0	14.758	2.685	0.0	1.391	0.0	0.0	1.778	0.0	0.0	1.805	0.0	0.0	2.132	0.0
149	12441	12442	NS	1	0.0	270.74	10.291	0.0	32.836	14.964	0.0	146.476	11.422	0.0	70.371	12.811	0.0	1.424	0.0	0.0	1.827	0.0	0.0	1.902	0.0	0.0	2.185	0.0
150	12441	12442	SN	1	0.0	32.412	15.282	0.0	24.564	11.324	0.0	109.953	9.398	0.0	24.718	10.018	0.0	1.399	0.0	0.0	1.78	0.0	0.0	1.809	0.0	0.0	2.135	0.0
151	12441	12442	SN	1	0.0	32.412	12.975	0.0	24.636	11.633	0.0	109.953	11.245	0.0	41.831	10.148	0.0	1.399	0.0	0.0	1.78	0.0	0.0	1.818	0.0	0.0	2.135	0.0
152	12441	12442	NS	1	0.0	155.269	5.987	0.0	24.58	7.921	0.0	142.549	3.879	0.0	73.951	4.5	0.0	1.45	0.0	0.0	1.825	0.0	0.0	1.905	0.0	0.0	2.187	0.0
153	12442	12443	SN	1	0.0	32.169	12.211	0.0	24.553	11.792	0.0	90.137	9.946	0.0	16.633	11.114	0.0	1.401	0.0	0.0	1.776	0.0	0.0	1.835	0.0	0.0	2.128	0.0
154	12442	12443	NS	1	0.0	230.977	5.967	0.0	24.58	7.967	0.0	354.303	3.877	0.0	64.956	4.477	0.0	1.439	0.0	0.0	1.825	0.0	0.0	1.904	0.0	0.0	2.186	0.0
155	12442	12443	SN	1	0.0	32.169	12.153	0.0	24.636	12.294	0.0	90.137	9.885	0.0	42.984	11.808	0.0	1.401	0.0	0.0	1.78	0.0	0.0	1.835	0.0	0.0	2.137	0.0
156	12442	12443	SN	1	0.0	23.218	5.624	0.0	25.595	6.907	0.0	82.537	2.239	0.0	72.489	3.465	0.0	1.393	0.0	0.0	1.777	0.0	0.0	1.843	0.0	0.0	2.133	0.0
157	12442	12443	SN	1	0.0	23.218	5.565	0.0	25.595	6.741	0.0	82.537	2.192	0.0	14.35	3.216	0.0	1.393	0.0	0.0	1.774	0.0	0.0	1.843	0.0	0.0	2.126	0.0
158	12442	12443	NS	1	0.0	233.072	10.199	0.0	32.787	15.061	0.0	354.303	11.377	0.0	67.333	12.823	0.0	1.422	0.0	0.0	1.828	0.0	0.0	1.896	0.0	0.0	2.186	0.0
159	12443	12444	SN	1	0.0	23.218	5.58	0.0	25.595	6.714	0.0	136.706	2.224	0.0	52.533	3.211	0.0	1.389	0.0	0.0	1.77	0.0	0.0	1.823	0.0	0.0	2.123	0.0
160	12443	12444	SN	1	0.0	32.456	12.25	0.0	24.498	11.61	0.0	140.098	10.108	0.0	103.354	11.086	0.0	1.396	0.0	0.0	1.771	0.0	0.0	1.822	0.0	0.0	2.128	0.0
161	12443	12444	SN	1	0.0	32.456	12.176	0.0	24.641	12.167	0.0	140.098	9.991	0.0	103.354	11.971	0.0	1.396	0.0	0.0	1.777	0.0	0.0	1.833	0.0	0.0	2.134	0.0
162	12443	12444	NS	1	0.0	200.308	10.178	0.0	33.096	14.944	0.0	111.108	11.367	0.0	69.941	12.811	0.0	1.42	0.0	0.0	1.828	0.0	0.0	1.895	0.0	0.0	2.186	0.0
163	12443	12444	SN	1	0.0	23.218	5.664	0.0	25.595	6.952	0.0	136.706	2.271	0.0	62.987	3.486	0.0	1.389	0.0	0.0	1.779	0.0	0.0	1.829	0.0	0.0	2.134	0.0
164	12443	12444	NS	1	0.0	198.51	5.971	0.0	24.575	7.922	0.0	290.627	3.869	0.0	74.397	4.426	0.0	1.435	0.0	0.0	1.825	0.0	0.0	1.903	0.0	0.0	2.187	0.0
165	12444	12445	NS	1	0.0	40.819	10.16	0.0	32.726	14.82	0.0	355.119	11.28	0.0	75.754	12.708	0.0	1.415	0.0	0.0	1.828	0.0	0.0	1.9	0.0	0.0	2.187	0.0
166	12444	12445	SN	1	0.0	23.218	5.529	0.0	25.617	6.69	0.0	140.241	2.193	0.0	136.05	3.156	0.0	1.391	0.0	0.0	1.769	0.0	0.0	1.839	0.0	0.0	2.12	0.0
167	12444	12445	SN	1	0.0	31.099	12.166	0.0	24.647	12.305	0.0	136.893	9.953	0.0	74.273	12.071	0.0	1.399	0.0	0.0	1.78	0.0	0.0	1.849	0.0	0.0	2.134	0.0
168	12444	12445	SN	1	0.0	23.218	5.653	0.0	25.617	6.949	0.0	140.241	2.261	0.0	136.05	3.496	0.0	1.391	0.0	0.0	1.778	0.0	0.0	1.839	0.0	0.0	2.133	0.0
169	12444	12445	NS	1	0.0	95.509	5.953	0.0	24.575	7.885	0.0	356.117	3.859	0.0	73.68	4.445	0.0	1.419	0.0	0.0	1.825	0.0	0.0	1.905	0.0	0.0	2.186	0.0
170	12444	12445	SN	1	0.0	31.099	12.204	0.0	24.316	11.526	0.0	136.893	10.018	0.0	74.273	10.878	0.0	1.399	0.0	0.0	1.773	0.0	0.0	1.849	0.0	0.0	2.134	0.0
171	12445	12446	NS	1	0.0	24.514	5.898	0.0	23.207	7.984	0.0	354.513	4.113	0.0	76.796	4.75	0.0	1.45	0.0	0.0	1.825	0.0	0.0	1.903	0.0	0.0	2.187	0.0
172	12445	12446	SN	1	0.0	23.218	5.619	0.0	224.665	6.888	0.0	119.03	2.246	0.0	60.207	3.426	0.0	1.391	0.0	0.0	1.778	0.0	0.0	1.841	0.0	0.0	2.133	0.0
173	12445	12446	SN	1	0.0	32.114	12.152	0.0	141.953	12.355	0.0	124.766	9.789	0.0	38.963	11.935	0.0	1.398	0.0	0.0	1.78	0.0	0.0	1.839	0.0	0.0	2.131	0.0
174	12445	12446	NS	1	0.0	23.604	10.081	0.0	32.798	14.906	0.0	351.027	11.458	0.0	70.118	12.785	0.0	1.415	0.0	0.0	1.828	0.0	0.0	1.9	0.0	0.0	2.188	0.0
175	12446	12447	SN	1	0.0	32.197	12.196	0.0	280.369	12.321	0.0	111.111	9.924	0.0	48.673	11.977	0.0	1.397	0.0	0.0	1.78	0.0	0.0	1.839	0.0	0.0	2.133	0.0
176	12446	12447	NS	1	0.0	25.463	5.964	0.0	24.58	7.926	0.0	356.206	3.882	0.0	73.107	4.46	0.0	1.446	0.0	0.0	1.824	0.0	0.0	1.907	0.0	0.0	2.187	0.0
177	12446	12447	NS	1	0.0	23.742	10.231	0.0	32.869	14.966	0.0	356.206	11.394	0.0	69.792	12.773	0.0	1.413	0.0	0.0	1.826	0.0	0.0	1.901	0.0	0.0	2.184	0.0
178	12446	12447	NS	1	0.0	25.463	5.964	0.0	24.58	7.926	0.0	356.206	3.882	0.0	73.107	4.46	0.0	1.446	0.0	0.0	1.824	0.0	0.0	1.907	0.0	0.0	2.187	0.0
179	12446	12447	SN	1	0.0	44.936	5.669	0.0	124.984	6.893	0.0	131.924	2.299	0.0	100.376	3.462	0.0	1.39	0.0	0.0	1.777	0.0	0.0	1.865	0.0	0.0	2.132	0.0

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

180	12446	12447	NS	1	0.0	23.742	10.231	0.0	32.869	14.966	0.0	356.206	11.394	0.0	69.792	12.773	0.0	1.413	0.0	0.0	1.826	0.0	0.0	1.901	0.0	0.0	2.184	0.0
181	12447	12448	SN	1	0.0	32.02	12.215	0.0	24.647	12.274	0.0	141.294	9.849	0.0	93.35	11.912	0.0	1.397	0.0	0.0	1.777	0.0	0.0	1.839	0.0	0.0	2.133	0.0
182	12447	12448	NS	1	0.0	266.085	5.917	0.0	24.58	7.934	0.0	141.672	3.825	0.0	62.501	4.328	0.0	1.426	0.0	0.0	1.824	0.0	0.0	1.902	0.0	0.0	2.186	0.0
183	12447	12448	SN	1	0.0	23.24	5.641	0.0	25.595	6.974	0.0	121.837	2.27	0.0	63.389	3.459	0.0	1.389	0.0	0.0	1.778	0.0	0.0	1.839	0.0	0.0	2.133	0.0
184	12447	12448	NS	1	0.0	206.788	10.127	0.0	33.057	15.002	0.0	274.666	11.32	0.0	66.202	12.639	0.0	1.417	0.0	0.0	1.827	0.0	0.0	1.892	0.0	0.0	2.185	0.0
185	12448	12449	SN	1	0.0	23.207	5.613	0.0	25.59	6.963	0.0	98.459	2.244	0.0	142.213	3.443	0.0	1.392	0.0	0.0	1.779	0.0	0.0	1.862	0.0	0.0	2.134	0.0
186	12448	12449	SN	1	0.0	31.259	12.176	0.0	28.173	12.235	0.0	93.115	9.894	0.0	37.16	11.659	0.0	1.4	0.0	0.0	1.778	0.0	0.0	1.851	0.0	0.0	2.136	0.0
187	12448	12449	NS	1	0.0	53.071	6.06	0.0	24.575	7.972	0.0	162.502	3.849	0.0	15.304	4.304	0.0	1.444	0.0	0.0	1.825	0.0	0.0	1.902	0.0	0.0	2.186	0.0
188	12448	12449	NS	1	0.0	53.19	10.124	0.0	29.858	14.771	0.0	143.101	11.559	0.0	17.256	12.61	0.0	1.419	0.0	0.0	1.828	0.0	0.0	1.893	0.0	0.0	2.186	0.0
189	12448	12449	NS	1	0.0	53.071	5.955	0.0	24.575	7.919	0.0	162.502	3.782	0.0	64.393	4.361	0.0	1.444	0.0	0.0	1.825	0.0	0.0	1.902	0.0	0.0	2.186	0.0
190	12448	12449	NS	1	0.0	53.19	10.128	0.0	33.096	15.056	0.0	143.101	11.356	0.0	68.254	12.811	0.0	1.419	0.0	0.0	1.828	0.0	0.0	1.893	0.0	0.0	2.186	0.0
191	12449	12450	SN	1	0.0	23.213	5.649	0.0	25.584	6.991	0.0	170.132	2.223	0.0	243.948	3.438	0.0	1.39	0.0	0.0	1.779	0.0	0.0	1.837	0.0	0.0	2.133	0.0
192	12449	12450	NS	1	0.0	288.559	10.283	0.0	29.858	14.467	0.0	164.763	11.801	0.0	15.282	12.388	0.0	1.415	0.0	0.0	1.827	0.0	0.0	1.901	0.0	0.0	2.187	0.0
193	12449	12450	NS	1	0.0	288.559	10.244	0.0	32.737	14.902	0.0	164.763	11.416	0.0	63.285	12.752	0.0	1.415	0.0	0.0	1.827	0.0	0.0	1.901	0.0	0.0	2.187	0.0
194	12449	12450	NS	1	0.0	255.598	5.978	0.0	24.575	7.904	0.0	353.498	3.854	0.0	61.558	4.464	0.0	1.447	0.0	0.0	1.825	0.0	0.0	1.902	0.0	0.0	2.186	0.0
195	12449	12450	NS	1	0.0	255.598	6.178	0.0	24.575	8.009	0.0	353.498	3.983	0.0	15.315	4.472	0.0	1.447	0.0	0.0	1.825	0.0	0.0	1.902	0.0	0.0	2.186	0.0
196	12449	12450	SN	1	0.0	31.954	12.165	0.0	24.63	12.226	0.0	122.273	9.806	0.0	243.986	11.825	0.0	1.397	0.0	0.0	1.777	0.0	0.0	1.833	0.0	0.0	2.134	0.0
197	12450	12451	NS	1	0.0	240.44	10.291	0.0	29.858	14.245	0.0	352.086	12.098	0.0	15.293	12.112	0.0	1.425	0.0	0.0	1.828	0.0	0.0	1.901	0.0	0.0	2.188	0.0
198	12450	12451	NS	1	0.0	219.743	6.353	0.0	24.58	8.047	0.0	331.339	4.133	0.0	15.321	4.604	0.0	1.441	0.0	0.0	1.825	0.0	0.0	1.906	0.0	0.0	2.187	0.0
199	12451	12452	SN	1	0.0	23.218	5.595	0.0	25.601	6.875	0.0	123.222	2.205	0.0	64.079	3.528	0.0	1.389	0.0	0.0	1.779	0.0	0.0	1.83	0.0	0.0	2.134	0.0
200	12451	12452	SN	1	0.0	32.274	12.159	0.0	24.26	11.453	0.0	129.051	9.925	0.0	15.569	10.577	0.0	1.396	0.0	0.0	1.774	0.0	0.0	1.828	0.0	0.0	2.128	0.0
201	12451	12452	SN	1	0.0	32.274	12.072	0.0	24.619	12.271	0.0	129.051	9.887	0.0	39.427	11.822	0.0	1.396	0.0	0.0	1.78	0.0	0.0	1.828	0.0	0.0	2.132	0.0
202	12451	12452	SN	1	0.0	23.218	5.45	0.0	25.601	6.605	0.0	123.222	2.158	0.0	14.356	3.149	0.0	1.389	0.0	0.0	1.768	0.0	0.0	1.83	0.0	0.0	2.122	0.0
203	12452	12453	NS	1	0.0	219.238	5.929	0.0	24.58	7.943	0.0	279.773	3.815	0.0	69.175	4.386	0.0	1.447	0.0	0.0	1.825	0.0	0.0	1.903	0.0	0.0	2.187	0.0
204	12452	12453	NS	1	0.0	269.173	10.151	0.0	32.88	14.905	0.0	265.363	11.301	0.0	71.259	12.678	0.0	1.429	0.0	0.0	1.825	0.0	0.0	1.899	0.0	0.0	2.186	0.0

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