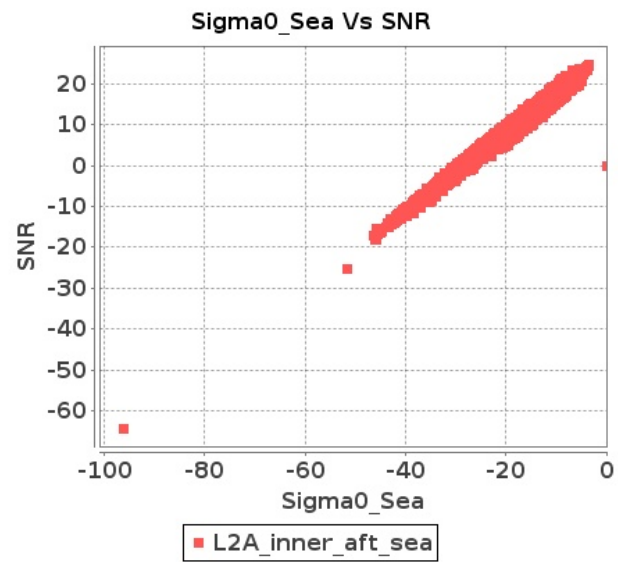


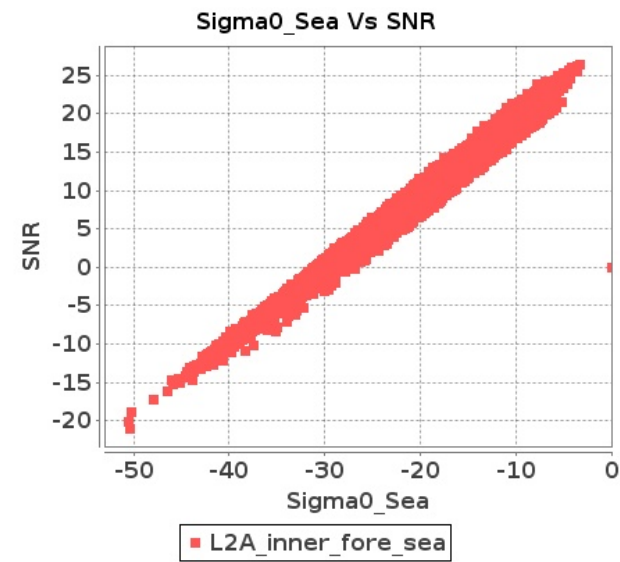
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 01-FEB-2018 To 02-FEB-2018

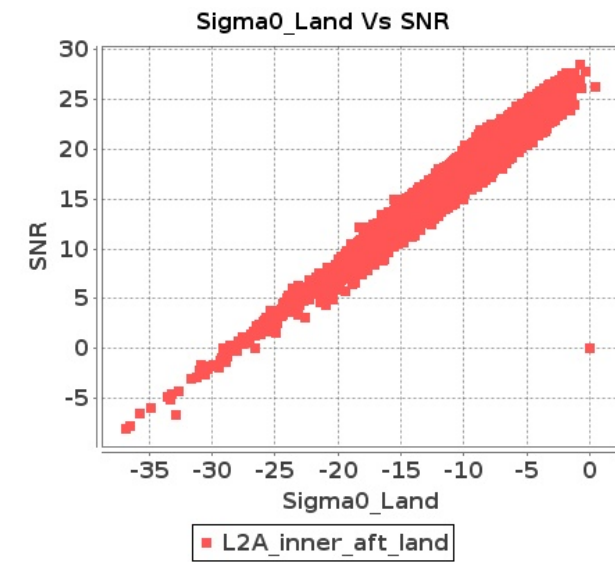
Inner Sea Aft Sigma0VsSNR



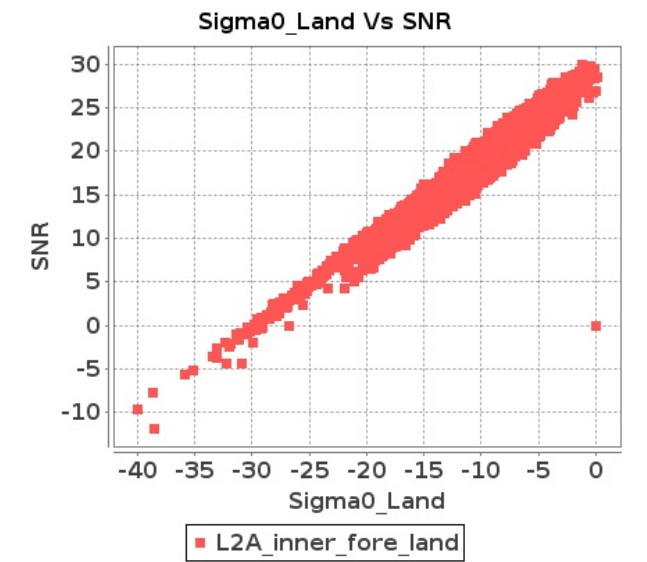
Inner Sea Fore Sigma0VsSNR



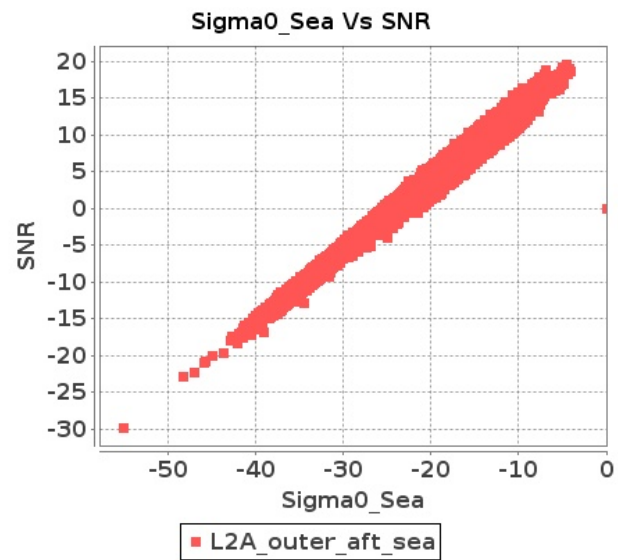
Inner Land Aft Sigma0VsSNR



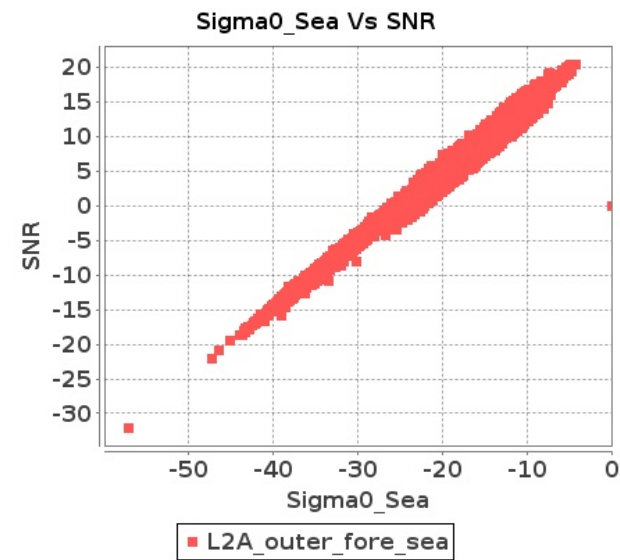
Inner Land Fore Sigma0VsSNR



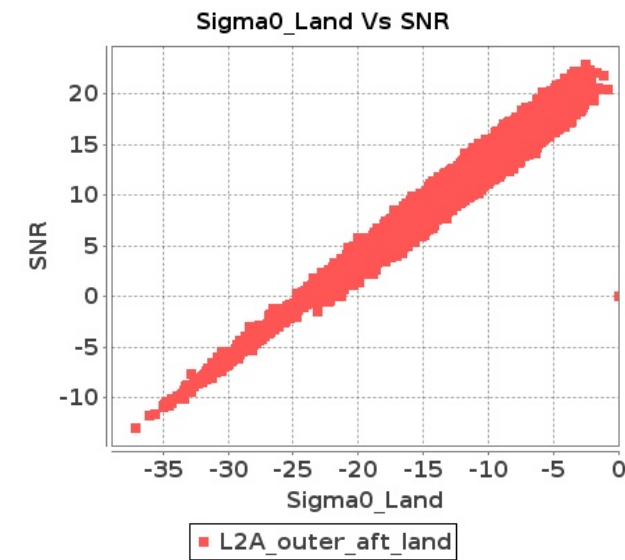
Outer Sea Aft Sigma0VsSNR



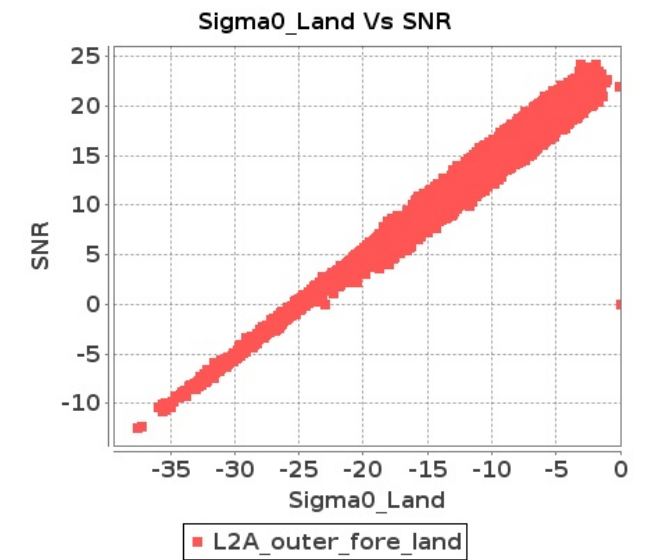
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 01-FEB-2018 To 02-FEB-2018

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	7145	7146	SN	1	0.0	43.041	1.245	0.0	47.049	0.898	0.0	44.422	0.907	0.0	47.513	0.87	0.0	41.445	1.062	0.0	44.7	0.796	0.0	39.937	0.825	0.0	43.929	0.816
2	7145	7146	SN	1	0.0	45.261	3.962	0.0	46.896	3.099	0.0	41.809	2.89	0.0	39.11	2.57	0.0	43.859	3.553	0.0	45.422	2.698	0.0	40.596	2.569	0.0	38.106	2.48
3	7145	7146	SN	1	0.0	45.261	3.793	0.0	46.896	2.958	0.0	41.809	2.793	0.0	39.11	2.472	0.0	43.859	3.403	0.0	45.422	2.576	0.0	40.596	2.459	0.0	38.106	2.379
4	7145	7146	SN	1	0.0	43.041	1.186	0.0	47.049	0.862	0.0	44.422	0.872	0.0	39.77	0.831	0.0	41.445	1.021	0.0	44.7	0.763	0.0	39.937	0.791	0.0	37.452	0.779
5	7146	7147	SN	1	0.0	42.338	4.272	0.0	47.439	4.155	0.0	46.325	3.416	0.0	46.161	3.648	0.0	44.995	4.022	0.0	46.254	3.582	0.0	43.646	3.196	0.0	49.512	3.312
6	7146	7147	NS	1	0.0	48.857	2.35	0.0	43.161	2.108	0.0	39.26	1.659	0.0	48.01	1.563	0.0	47.632	2.075	0.0	44.178	1.808	0.0	39.06	1.472	0.0	46.568	1.38
7	7146	7147	SN	1	0.0	46.019	1.451	0.0	46.016	1.346	0.0	37.085	1.11	0.0	44.784	1.075	0.0	45.032	1.228	0.0	44.917	1.203	0.0	34.567	0.984	0.0	42.115	0.945
8	7146	7147	NS	1	0.0	47.829	6.375	0.0	46.854	6.013	0.0	44.241	5.061	0.0	43.033	4.78	0.0	46.451	5.821	0.0	48.428	5.338	0.0	45.074	4.472	0.0	48.203	4.382
9	7146	7147	SN	1	0.0	42.338	4.324	0.0	47.439	4.208	0.0	46.325	3.458	0.0	46.161	3.695	0.0	44.995	4.07	0.0	46.254	3.627	0.0	43.646	3.236	0.0	49.512	3.356
10	7146	7147	SN	1	0.0	42.338	4.272	0.0	47.439	4.155	0.0	46.325	3.416	0.0	46.161	3.648	0.0	44.995	4.022	0.0	46.254	3.582	0.0	43.646	3.196	0.0	49.512	3.312
11	7146	7147	NS	1	0.0	47.829	6.375	0.0	46.854	6.013	0.0	44.241	5.061	0.0	43.033	4.78	0.0	46.451	5.821	0.0	48.428	5.338	0.0	45.074	4.472	0.0	48.203	4.382
12	7146	7147	SN	1	0.0	46.019	1.469	0.0	46.016	1.361	0.0	37.085	1.123	0.0	44.784	1.088	0.0	45.032	1.243	0.0	44.917	1.217	0.0	34.567	0.996	0.0	42.115	0.956
13	7146	7147	NS	1	0.0	48.857	2.35	0.0	43.161	2.108	0.0	39.26	1.659	0.0	48.01	1.563	0.0	47.632	2.075	0.0	44.178	1.808	0.0	39.06	1.472	0.0	46.568	1.38
14	7147	7148	SN	1	0.0	53.834	7.144	0.0	47.679	6.525	0.0	42.621	5.308	0.0	45.015	5.684	0.0	52.899	6.992	0.0	48.715	6.21	0.0	43.349	5.222	0.0	46.969	5.359
15	7147	7148	SN	1	0.0	53.823	7.102	0.0	46.122	6.49	0.0	46.586	5.262	0.0	42.9	5.682	0.0	52.888	6.922	0.0	47.147	6.188	0.0	43.275	5.24	0.0	44.4	5.447
16	7147	7148	NS	1	0.0	45.697	2.0	0.0	44.632	1.951	0.0	40.044	1.72	0.0	37.465	1.713	0.0	43.112	1.897	0.0	44.807	1.915	0.0	40.008	1.697	0.0	37.327	1.744
17	7147	7148	SN	1	0.0	53.823	7.184	0.0	46.122	6.556	0.0	46.586	5.315	0.0	42.9	5.741	0.0	52.888	7.002	0.0	47.147	6.251	0.0	43.275	5.294	0.0	44.4	5.503
18	7147	7148	SN	1	0.0	45.575	2.499	0.0	45.07	2.39	0.0	39.186	1.818	0.0	39.798	1.925	0.0	42.702	2.364	0.0	49.127	2.254	0.0	37.69	1.667	0.0	43.982	1.782
19	7147	7148	NS	1	0.0	52.253	5.868	0.0	45.179	6.192	0.0	42.986	5.273	0.0	41.853	4.996	0.0	53.383	5.646	0.0	46.692	6.021	0.0	42.77	5.301	0.0	40.246	4.996
20	7147	7148	SN	1	0.0	45.284	2.485	0.0	45.695	2.392	0.0	36.716	1.798	0.0	39.379	1.926	0.0	41.021	2.364	0.0	48.8	2.234	0.0	37.101	1.691	0.0	42.977	1.788
21	7147	7148	SN	1	0.0	45.575	2.471	0.0	45.07	2.365	0.0	39.186	1.801	0.0	39.798	1.905	0.0	42.702	2.338	0.0	49.127	2.232	0.0	37.69	1.652	0.0	43.982	1.764
22	7147	7148	NS	1	0.0	46.32	1.94	0.0	44.632	1.937	0.0	37.838	1.72	0.0	42.908	1.67	0.0	41.272	1.859	0.0	44.807	1.883	0.0	36.822	1.665	0.0	42.982	1.721
23	7147	7148	NS	1	0.0	53.181	5.921	0.0	49.851	6.285	0.0	38.837	5.076	0.0	44.467	5.199	0.0	53.25	5.69	0.0	50.569	6.194	0.0	38.424	5.09	0.0	41.958	5.327
24	7148	7149	SN	1	0.0	49.487	5.913	0.0	44.987	5.541	0.0	40.146	4.227	0.0	37.193	4.427	0.0	45.603	4.885	0.0	45.037	4.753	0.0	39.842	3.606	0.0	35.447	3.976
25	7148	7149	SN	1	0.0	41.56	1.825	0.0	43.379	1.815	0.0	38.112	1.41	0.0	37.459	1.599	0.0	41.859	1.362	0.0	40.953	1.454	0.0	37.35	1.167	0.0	35.397	1.241
26	7148	7149	SN	1	0.0	41.56	1.825	0.0	43.379	1.815	0.0	38.112	1.41	0.0	37.459	1.599	0.0	41.859	1.362	0.0	40.953	1.454	0.0	37.35	1.167	0.0	35.397	1.241
27	7148	7149	NS	1	0.0	48.867	2.418	0.0	53.404	2.376	0.0	39.283	2.062	0.0	42.555	2.006	0.0	46.941	2.184	0.0	48.742	2.083	0.0	42.468	1.923	0.0	39.702	1.841
28	7148	7149	SN	1	0.0	49.487	5.819	0.0	44.987	5.464	0.0	40.146	4.171	0.0	37.193	4.348	0.0	45.603	4.808	0.0	45.037	4.669	0.0	39.842	3.553	0.0	35.447	3.905
29	7148	7149	NS	1	0.0	48.867	2.418	0.0	53.404	2.376	0.0	39.283	2.062	0.0	42.555	2.006	0.0	46.941	2.184	0.0	48.742	2.083	0.0	42.468	1.923	0.0	39.702	1.841
30	7148	7149	NS	1	0.0	44.909	6.798	0.0	54.074	7.261	0.0	41.706	5.878	0.0	51.113	5.917	0.0	44.404	6.274	0.0	57.452	6.798	0.0	40.853	5.637	0.0	50.103	5.583
31	7148	7149	SN	1	0.0	49.487	5.819	0.0	44.987	5.464	0.0	40.146	4.171	0.0	37.193	4.348	0.0	45.603	4.808	0.0	45.037	4.669	0.0	39.842	3.553	0.0	35.447	3.905

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

32	7148	7149	NS	1	0.0	44.909	6.798	0.0	54.074	7.261	0.0	41.706	5.878	0.0	51.113	5.917	0.0	44.404	6.274	0.0	57.452	6.798	0.0	40.853	5.637	0.0	50.103	5.583
33	7148	7149	SN	1	0.0	41.56	1.855	0.0	43.379	1.841	0.0	38.112	1.434	0.0	37.459	1.626	0.0	41.859	1.385	0.0	40.953	1.479	0.0	37.35	1.185	0.0	35.397	1.264
34	7149	7150	NS	1	0.0	50.93	1.424	0.0	44.625	1.329	0.0	40.864	1.048	0.0	43.839	1.065	0.0	51.794	1.295	0.0	43.293	1.18	0.0	39.22	0.956	0.0	45.67	0.957
35	7149	7150	NS	1	0.0	51.32	4.016	0.0	55.386	3.757	0.0	48.797	3.499	0.0	49.137	4.12	0.0	53.544	3.463	0.0	53.724	3.435	0.0	47.603	3.257	0.0	47.344	3.651
36	7149	7150	NS	1	0.0	52.446	4.026	0.0	55.621	3.778	0.0	47.592	3.534	0.0	48.115	4.105	0.0	53.609	3.452	0.0	53.091	3.405	0.0	46.398	3.272	0.0	48.977	3.601
37	7149	7150	SN	1	0.0	40.705	2.194	0.0	45.804	1.997	0.0	38.534	1.753	0.0	39.244	1.749	0.0	38.774	1.98	0.0	41.345	1.77	0.0	36.748	1.521	0.0	39.303	1.553
38	7149	7150	NS	1	0.0	50.12	1.419	0.0	44.063	1.34	0.0	46.854	1.057	0.0	47.349	1.038	0.0	50.983	1.289	0.0	43.442	1.187	0.0	42.421	0.96	0.0	45.959	0.941
39	7149	7150	SN	1	0.0	46.156	7.186	0.0	43.731	6.369	0.0	39.328	5.044	0.0	36.783	5.015	0.0	43.458	6.656	0.0	44.34	5.826	0.0	39.539	4.632	0.0	40.123	4.744
40	7149	7150	SN	1	0.0	46.156	7.186	0.0	43.731	6.369	0.0	39.328	5.044	0.0	36.783	5.015	0.0	43.458	6.656	0.0	44.34	5.826	0.0	39.539	4.632	0.0	40.123	4.744
41	7149	7150	SN	1	0.0	46.156	7.387	0.0	43.731	6.54	0.0	39.328	5.16	0.0	36.783	5.139	0.0	43.458	6.842	0.0	44.34	5.991	0.0	39.539	4.751	0.0	40.123	4.874
42	7149	7150	SN	1	0.0	40.705	2.254	0.0	45.804	2.051	0.0	38.534	1.798	0.0	39.244	1.795	0.0	38.774	2.033	0.0	41.345	1.818	0.0	36.748	1.565	0.0	39.303	1.596
43	7149	7150	SN	1	0.0	40.705	2.194	0.0	45.804	1.997	0.0	38.534	1.753	0.0	39.244	1.749	0.0	38.774	1.98	0.0	41.345	1.77	0.0	36.748	1.521	0.0	39.303	1.553
44	7150	7151	SN	1	0.0	43.873	2.617	0.0	38.899	2.121	0.0	43.466	2.016	0.0	42.818	1.93	0.0	44.746	2.459	0.0	38.046	1.997	0.0	44.722	1.894	0.0	43.536	1.795
45	7150	7151	SN	1	0.0	43.873	2.617	0.0	38.899	2.121	0.0	43.466	2.018	0.0	42.818	1.93	0.0	44.746	2.459	0.0	38.046	1.997	0.0	44.722	1.894	0.0	43.536	1.795
46	7150	7151	NS	1	0.0	46.029	2.803	0.0	50.537	2.056	0.0	38.211	1.77	0.0	42.402	1.702	0.0	44.273	2.404	0.0	50.554	1.705	0.0	37.445	1.56	0.0	40.963	1.399
47	7150	7151	NS	1	0.0	43.304	2.816	0.0	50.537	1.998	0.0	42.272	1.804	0.0	42.595	1.71	0.0	43.278	2.37	0.0	50.554	1.669	0.0	42.246	1.59	0.0	41.147	1.445
48	7150	7151	NS	1	0.0	50.281	8.022	0.0	53.638	6.457	0.0	40.643	5.209	0.0	46.701	5.213	0.0	52.011	7.277	0.0	53.006	5.631	0.0	41.88	4.677	0.0	44.668	4.411
49	7150	7151	NS	1	0.0	50.579	8.113	0.0	51.305	6.538	0.0	42.713	5.287	0.0	44.956	5.32	0.0	52.295	7.267	0.0	52.064	5.681	0.0	43.997	4.698	0.0	43.814	4.446
50	7150	7151	SN	1	0.0	43.873	2.733	0.0	38.899	2.209	0.0	43.466	2.094	0.0	42.818	2.016	0.0	44.746	2.568	0.0	38.046	2.081	0.0	44.722	1.971	0.0	43.536	1.874
51	7150	7151	SN	1	0.0	48.356	8.629	0.0	44.815	7.295	0.0	49.475	5.906	0.0	44.306	5.687	0.0	51.774	7.999	0.0	41.579	7.064	0.0	50.127	5.778	0.0	41.613	5.529
52	7150	7151	SN	1	0.0	48.356	8.629	0.0	44.815	7.295	0.0	49.475	5.905	0.0	44.306	5.687	0.0	51.774	7.999	0.0	41.579	7.064	0.0	50.127	5.77	0.0	41.613	5.529
53	7150	7151	SN	1	0.0	48.356	8.986	0.0	44.815	7.611	0.0	49.475	6.119	0.0	44.306	5.932	0.0	51.774	8.349	0.0	41.579	7.379	0.0	50.127	6.007	0.0	41.613	5.782
54	7151	7152	NS	1	0.0	48.138	5.902	0.0	45.836	5.094	0.0	39.801	3.714	0.0	48.328	3.458	0.0	44.246	4.754	0.0	46.945	3.967	0.0	39.785	3.089	0.0	49.965	2.67
55	7151	7152	SN	1	0.0	48.399	7.215	0.0	54.246	6.29	0.0	46.282	4.774	0.0	43.749	5.267	0.0	50.449	6.735	0.0	50.417	5.596	0.0	47.555	4.525	0.0	41.665	4.888
56	7151	7152	SN	1	0.0	48.399	7.215	0.0	54.246	6.29	0.0	46.282	4.774	0.0	43.749	5.267	0.0	50.449	6.735	0.0	50.417	5.596	0.0	47.555	4.525	0.0	41.665	4.888
57	7151	7152	SN	1	0.0	48.399	7.664	0.0	54.246	6.459	0.0	46.282	5.031	0.0	43.749	5.446	0.0	50.449	7.163	0.0	50.417	5.795	0.0	47.555	4.796	0.0	41.665	5.126
58	7151	7152	NS	1	0.0	47.273	5.822	0.0	48.537	5.054	0.0	39.422	3.735	0.0	42.722	3.443	0.0	45.933	4.805	0.0	50.386	3.946	0.0	38.237	3.06	0.0	44.006	2.677
59	7151	7152	SN	1	0.0	40.171	2.372	0.0	43.403	2.185	0.0	44.588	1.579	0.0	40.208	1.804	0.0	39.492	2.095	0.0	44.063	1.861	0.0	43.568	1.405	0.0	40.52	1.602
60	7151	7152	SN	1	0.0	40.171	2.23	0.0	43.403	2.085	0.0	44.588	1.498	0.0	40.208	1.717	0.0	39.492	1.968	0.0	44.063	1.782	0.0	43.568	1.32	0.0	40.52	1.516
61	7151	7152	SN	1	0.0	40.171	2.23	0.0	43.403	2.085	0.0	44.588	1.503	0.0	40.208	1.717	0.0	39.492	1.968	0.0	44.063	1.782	0.0	43.568	1.326	0.0	40.52	1.516
62	7151	7152	NS	1	0.0	41.591	1.677	0.0	46.514	1.384	0.0	38.969	1.257	0.0	50.438	1.087	0.0	38.531	1.24	0.0	44.257	1.058	0.0	35.224	0.976	0.0	51.985	0.789
63	7151	7152	NS	1	0.0	46.625	1.672	0.0	46.528	1.382	0.0	36.597	1.256	0.0	41.514	1.082	0.0	43.89	1.237	0.0	43.856	1.029	0.0	34.84	0.986	0.0	41.455	0.82
64	7152	7153	SN	1	0.0	44.6	2.521	0.0	55.09	2.464	0.0	46.842	1.65	0.0	46.145	1.468	0.0	46.129	2.23	0.0	53.698	2.162	0.0	45.66	1.516	0.0	46.204	1.311
65	7152	7153	SN	1	0.0	52.793	8.266	0.0	50.773	7.507	0.0	48.905	5.74	0.0	48.395	5.217	0.0	51.702	7.615	0.0	50.315	6.793	0.0	48.213	5.136	0.0	50.372	4.76
66	7152	7153	NS	1	0.0	50.435	4.643	0.0	43.602	3.846	0.0	42.371	3.337	0.0	40.217	3.152	0.0	47.045	4.069	0.0	44.236	3.292	0.0	38.227	2.997	0.0	40.12	2.542
67	7152	7153	NS	1	0.0	45.339	1.402	0.0	53.327	1.164	0.0	36.418	1.054	0.0	39.831	1.017	0.0	45.047	1.131	0.0	49.76	0.977	0.0	36.454	0.891	0.0	42.782	0.803

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

68	7152	7153	SN	1	0.0	44.6	2.702	0.0	55.09	2.62	0.0	46.842	1.786	0.0	46.145	1.575	0.0	46.129	2.408	0.0	53.698	2.32	0.0	45.66	1.644	0.0	46.204	1.411
69	7152	7153	SN	1	0.0	52.793	8.266	0.0	50.773	7.507	0.0	48.905	5.74	0.0	48.395	5.217	0.0	51.702	7.615	0.0	50.315	6.783	0.0	48.213	5.136	0.0	50.372	4.76
70	7152	7153	SN	1	0.0	52.793	8.782	0.0	50.773	7.879	0.0	48.905	6.223	0.0	48.395	5.545	0.0	51.702	8.169	0.0	50.315	7.175	0.0	48.213	5.601	0.0	50.372	5.122
71	7152	7153	SN	1	0.0	44.6	2.521	0.0	55.09	2.464	0.0	46.842	1.65	0.0	46.145	1.468	0.0	46.129	2.23	0.0	53.698	2.162	0.0	45.66	1.516	0.0	46.204	1.309
72	7153	7154	NS	1	0.0	51.51	1.444	0.0	41.077	1.304	0.0	39.892	0.94	0.0	43.529	0.987	0.0	49.472	1.113	0.0	44.32	1.029	0.0	40.254	0.792	0.0	44.073	0.769
73	7153	7154	NS	1	0.0	52.007	4.089	0.0	50.107	3.656	0.0	43.078	2.96	0.0	41.48	3.473	0.0	50.757	3.414	0.0	52.504	2.931	0.0	40.55	2.392	0.0	43.799	2.791
74	7153	7154	NS	1	0.0	51.271	4.068	0.0	49.43	3.635	0.0	45.964	3.01	0.0	39.365	3.438	0.0	50.022	3.414	0.0	51.825	2.91	0.0	44.935	2.442	0.0	41.688	2.798
75	7153	7154	SN	1	0.0	49.092	2.422	0.0	50.327	2.361	0.0	40.428	1.696	0.0	41.385	1.657	0.0	47.042	2.185	0.0	47.987	2.109	0.0	43.257	1.588	0.0	40.984	1.538
76	7153	7154	SN	1	0.0	50.895	2.435	0.0	49.117	2.306	0.0	39.121	1.702	0.0	39.629	1.636	0.0	49.7	2.228	0.0	49.051	2.112	0.0	40.651	1.595	0.0	40.039	1.511
77	7153	7154	SN	1	0.0	53.314	8.384	0.0	53.868	7.486	0.0	45.111	5.582	0.0	49.561	5.533	0.0	52.621	7.934	0.0	57.204	7.204	0.0	47.194	5.319	0.0	47.234	5.269
78	7153	7154	SN	1	0.0	54.176	8.364	0.0	58.323	7.496	0.0	44.97	5.681	0.0	50.602	5.462	0.0	52.545	7.884	0.0	58.855	7.174	0.0	45.759	5.362	0.0	48.276	5.105
79	7153	7154	NS	1	0.0	48.051	1.426	0.0	40.426	1.313	0.0	40.077	0.926	0.0	41.311	0.99	0.0	46.011	1.097	0.0	41.044	1.029	0.0	39.856	0.758	0.0	41.877	0.773
80	7154	7155	SN	1	0.0	43.845	6.062	0.292	43.935	5.101	0.0	44.427	3.998	0.0	46.812	4.148	0.0	44.387	5.572	0.036	43.115	4.568	0.0	46.079	3.721	0.0	45.531	3.734
81	7154	7155	SN	1	0.0	43.845	1.787	0.0	51.753	1.602	0.0	42.442	1.237	0.0	41.365	1.396	0.0	40.526	1.537	0.0	52.362	1.321	0.0	39.919	1.039	0.0	39.46	1.246
82	7154	7155	NS	1	0.0	46.226	2.289	0.0	54.397	2.059	0.0	44.903	1.715	0.0	47.058	1.799	0.0	46.818	2.054	0.0	56.764	1.802	0.0	44.171	1.46	0.0	44.827	1.532
83	7154	7155	NS	1	0.0	48.126	2.291	0.0	53.712	2.079	0.0	44.637	1.715	0.0	51.074	1.789	0.0	48.71	2.066	0.0	52.357	1.802	0.0	44.395	1.43	0.0	46.733	1.527
84	7154	7155	NS	1	0.0	51.984	6.32	0.0	50.025	6.06	0.0	48.802	4.712	0.0	41.817	5.258	0.0	53.345	5.927	0.0	48.414	5.598	0.0	47.019	4.4	0.0	44.165	4.876
85	7154	7155	NS	1	0.0	52.117	6.33	0.0	50.27	6.08	0.0	50.42	4.677	0.0	41.308	5.258	0.0	53.478	5.947	0.0	47.794	5.578	0.0	48.626	4.393	0.0	41.468	4.904
86	7155	7156	NS	1	0.0	44.933	2.19	0.0	50.281	1.859	0.0	44.959	1.76	0.0	41.067	1.709	0.0	47.479	1.832	0.0	49.572	1.649	0.0	42.767	1.563	0.0	40.77	1.495
87	7155	7156	NS	1	0.0	51.572	5.394	0.0	44.843	4.603	0.0	49.176	4.954	0.0	43.845	5.138	0.0	50.773	4.498	0.0	47.026	3.759	0.0	48.49	4.528	0.0	45.641	4.635
88	7160	7161	NS	1	0.0	52.01	9.387	0.0	57.821	9.201	0.0	51.159	5.681	0.0	47.165	5.58	0.0	53.046	8.228	0.0	58.109	8.144	0.0	50.088	5.134	0.0	44.152	4.778
89	7160	7161	SN	1	0.0	52.27	6.304	0.0	46.028	5.888	0.0	41.591	3.879	0.0	43.817	3.859	0.0	50.323	5.593	0.0	48.734	5.395	0.0	41.28	3.403	0.0	43.18	3.58
90	7160	7161	NS	1	0.0	47.773	2.653	0.0	48.361	2.526	0.0	44.602	1.647	0.0	42.264	1.623	0.0	46.548	2.173	0.0	47.144	2.148	0.0	44.909	1.41	0.0	44.875	1.328
91	7160	7161	SN	1	0.0	49.394	1.654	0.0	45.234	1.612	0.0	41.938	1.074	0.0	43.672	1.115	0.0	48.69	1.426	0.0	44.128	1.362	0.0	37.827	0.858	0.0	42.036	0.937
92	7160	7161	SN	1	0.0	52.27	6.498	0.0	46.028	6.071	0.0	41.591	3.987	0.0	43.817	3.975	0.0	50.323	5.766	0.0	48.734	5.562	0.0	41.28	3.489	0.0	43.18	3.68
93	7160	7161	SN	1	0.0	49.394	1.654	0.0	45.234	1.612	0.0	41.938	1.074	0.0	43.672	1.115	0.0	48.69	1.426	0.0	44.128	1.362	0.0	37.827	0.858	0.0	42.036	0.937
94	7160	7161	SN	1	0.0	49.394	1.708	0.0	45.234	1.662	0.0	41.938	1.103	0.0	43.672	1.151	0.0	48.69	1.471	0.0	44.128	1.405	0.0	37.827	0.883	0.0	42.036	0.967
95	7160	7161	SN	1	0.0	52.27	6.304	0.0	46.028	5.888	0.0	41.591	3.879	0.0	43.817	3.859	0.0	50.323	5.593	0.0	48.734	5.395	0.0	41.28	3.403	0.0	43.18	3.58
96	7161	7162	SN	1	0.0	48.076	1.877	0.0	51.828	1.856	0.0	44.713	1.607	0.0	43.656	1.469	0.0	46.7	1.843	0.0	49.202	1.711	0.0	44.063	1.561	0.0	43.806	1.367
97	7161	7162	SN	1	0.0	50.842	5.93	0.528	45.366	5.214	0.0	46.24	4.807	0.0	46.181	4.502	0.0	50.396	5.739	0.573	46.595	5.224	0.0	48.601	4.878	0.0	45.694	4.523
98	7161	7162	SN	1	0.0	50.842	5.871	0.528	45.366	5.161	0.0	46.24	4.758	0.0	46.181	4.456	0.0	50.396	5.681	0.573	46.595	5.172	0.0	48.601	4.829	0.0	45.694	4.477
99	7161	7162	NS	1	0.0	47.244	6.333	0.0	54.43	5.477	0.0	47.166	5.197	0.0	49.402	4.922	0.0	47.168	6.031	0.0	53.59	5.376	0.0	50.122	5.268	0.0	46.33	5.043
100	7161	7162	NS	1	0.0	47.244	6.333	0.0	54.43	5.477	0.0	47.166	5.197	0.0	49.402	4.922	0.0	47.168	6.031	0.0	53.59	5.376	0.0	50.122	5.268	0.0	46.33	5.043
101	7161	7162	SN	1	0.0	48.076	1.896	0.0	51.828	1.872	0.0	44.713	1.623	0.0	43.656	1.482	0.0	46.7	1.862	0.0	49.202	1.726	0.0	44.063	1.577	0.0	43.806	1.38
102	7161	7162	NS	1	0.0	41.279	2.457	0.0	52.366	1.991	0.0	44.998	1.81	0.0	42.241	1.615	0.0	40.74	2.31	0.0	54.999	1.912	0.0	45.27	1.734	0.0	41.544	1.5
103	7161	7162	NS	1	0.0	41.279	2.457	0.0	52.366	1.991	0.0	44.998	1.81	0.0	42.241	1.615	0.0	40.74	2.31	0.0	54.999	1.912	0.0	45.27	1.734	0.0	41.544	1.5

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	7162	7163	SN	1	0.0	38.726	1.697	0.0	43.194	1.457	0.0	39.329	1.453	0.0	41.591	1.476	0.0	35.654	1.438	0.0	42.607	1.158	0.0	35.675	1.248	0.0	40.573	1.186
105	7162	7163	NS	1	0.0	47.222	5.121	0.0	49.953	5.827	0.0	40.493	3.471	0.0	43.492	4.521	0.0	44.754	4.86	0.0	52.507	5.124	0.0	40.259	3.165	0.0	44.531	3.671
106	7162	7163	SN	1	0.0	42.095	4.928	0.0	43.847	3.501	0.0	37.589	3.844	0.0	38.746	3.999	0.0	41.563	4.207	0.0	40.591	3.008	0.0	34.732	3.482	0.0	39.149	3.442
107	7162	7163	NS	1	0.0	48.618	1.836	0.0	44.629	1.868	0.0	42.645	1.33	0.0	40.746	1.477	0.0	47.996	1.541	0.0	44.654	1.633	0.0	40.722	1.089	0.0	37.685	1.161
108	7162	7163	SN	1	0.0	39.487	5.028	0.0	40.259	3.542	0.0	36.633	3.894	0.0	39.776	3.87	0.0	38.698	4.257	0.0	40.099	2.998	0.0	35.263	3.638	0.0	38.29	3.335
109	7162	7163	SN	1	0.0	40.316	1.72	0.0	42.956	1.45	0.0	38.014	1.462	0.0	42.603	1.494	0.0	38.06	1.433	0.0	42.369	1.126	0.0	37.429	1.269	0.0	38.984	1.193
110	7163	7164	SN	1	0.0	42.516	1.443	0.0	40.391	1.122	0.0	42.832	1.231	0.0	47.126	1.138	0.0	40.866	1.183	0.0	38.694	0.928	0.0	38.283	1.034	0.0	45.285	1.011
111	7163	7164	SN	1	0.0	42.516	1.415	0.0	40.391	1.101	0.0	42.832	1.208	0.0	47.126	1.126	0.0	40.866	1.157	0.0	38.694	0.909	0.0	38.283	1.013	0.0	45.285	0.997
112	7163	7164	NS	1	0.0	46.885	1.656	0.0	42.682	1.858	0.0	43.225	1.105	0.0	46.675	1.22	0.0	48.556	1.39	0.0	43.796	1.644	0.0	40.254	0.974	0.0	44.045	1.008
113	7163	7164	NS	1	0.0	48.188	5.465	0.0	49.093	6.405	0.0	45.743	3.506	0.0	47.086	4.375	0.0	47.019	4.71	0.0	51.274	5.942	0.0	41.662	3.272	0.0	45.448	3.835
114	7163	7164	NS	1	0.0	47.233	5.405	0.0	52.255	6.385	0.0	43.825	3.52	0.0	48.853	4.389	0.0	47.03	4.74	0.0	54.441	5.901	0.0	42.246	3.258	0.0	46.069	3.927
115	7163	7164	NS	1	0.0	44.076	1.663	0.0	52.231	1.849	0.0	44.71	1.059	0.0	44.377	1.211	0.0	48.681	1.37	0.0	47.449	1.66	0.0	41.746	0.954	0.0	41.052	1.005
116	7163	7164	SN	1	0.0	47.454	5.094	0.0	48.771	4.261	0.0	42.327	3.303	0.0	42.696	3.407	0.0	49.474	4.49	0.0	51.122	3.727	0.0	40.484	2.897	0.0	42.545	2.976
117	7163	7164	SN	1	0.0	47.454	5.006	0.0	48.771	4.175	0.0	42.327	3.232	0.0	42.696	3.351	0.0	49.474	4.405	0.0	51.122	3.652	0.0	40.484	2.835	0.0	42.545	2.929
118	7164	7165	NS	1	0.0	47.597	1.714	0.0	53.294	1.465	0.0	40.496	1.133	0.0	41.798	1.287	0.0	43.171	1.464	0.0	50.42	1.227	0.0	40.453	0.954	0.0	40.571	1.108
119	7164	7165	SN	1	0.0	50.508	2.457	0.0	46.337	1.854	0.0	38.994	1.722	0.0	42.538	1.735	0.0	47.959	2.139	0.0	46.831	1.609	0.0	38.292	1.584	0.0	43.607	1.496
120	7164	7165	SN	1	0.0	47.914	6.617	0.0	48.992	5.373	0.0	44.469	5.015	0.0	39.359	5.344	0.0	50.985	5.876	0.0	52.124	4.588	0.0	42.811	4.759	0.0	41.613	4.844
121	7164	7165	NS	1	0.0	45.37	4.989	0.0	49.119	4.467	0.0	49.286	3.584	0.0	42.462	4.185	0.0	45.739	4.255	0.0	46.602	3.684	0.0	47.276	3.35	0.0	44.933	3.555
122	7165	7166	NS	1	0.0	47.658	2.573	0.0	55.833	2.09	0.0	38.209	1.79	0.0	43.557	1.839	0.0	44.571	1.922	0.0	56.829	1.698	0.0	35.708	1.443	0.0	38.979	1.478
123	7165	7166	SN	1	0.0	46.705	2.471	0.0	51.104	2.271	0.0	41.839	1.779	0.0	50.389	1.617	0.0	46.783	2.223	0.0	52.97	2.049	0.0	39.146	1.626	0.0	49.643	1.425
124	7165	7166	NS	1	0.0	44.196	2.41	0.0	54.095	2.085	0.0	41.978	1.796	0.0	40.417	1.89	0.0	44.247	1.804	0.0	53.561	1.639	0.0	42.51	1.481	0.0	38.554	1.554
125	7165	7166	NS	1	0.0	44.93	7.164	0.0	50.853	6.989	0.0	44.727	5.664	0.0	43.429	5.724	0.0	43.136	6.138	0.0	49.786	5.75	0.0	46.183	4.656	0.0	46.713	4.801
126	7165	7166	SN	1	0.0	51.535	7.828	0.0	58.655	7.164	0.0	48.081	5.975	0.0	42.024	5.373	0.0	52.611	7.147	0.0	56.85	6.771	0.0	47.652	5.506	0.0	41.591	4.872
127	7165	7166	SN	1	0.0	54.733	7.668	0.0	54.974	7.174	0.0	46.306	5.932	0.0	43.605	5.394	0.0	55.808	7.007	0.0	55.572	6.691	0.0	46.464	5.492	0.0	41.477	4.851
128	7165	7166	NS	1	0.0	47.57	7.685	0.0	46.794	6.636	0.0	44.049	5.656	0.0	42.965	5.68	0.0	47.725	6.427	0.0	51.092	5.722	0.0	44.28	4.932	0.0	41.212	4.851
129	7165	7166	SN	1	0.0	41.645	2.52	0.0	46.557	2.317	0.0	40.776	1.81	0.0	43.924	1.62	0.0	40.371	2.287	0.0	50.229	2.121	0.0	39.411	1.64	0.0	39.809	1.422
130	7165	7166	SN	1	0.0	41.645	2.487	0.0	46.557	2.289	0.0	40.776	1.789	0.0	43.924	1.598	0.0	40.371	2.256	0.0	50.229	2.096	0.0	39.411	1.619	0.0	39.809	1.402
131	7165	7166	SN	1	0.0	54.733	7.777	0.0	54.974	7.253	0.0	46.306	6.01	0.0	43.605	5.471	0.0	55.808	7.107	0.0	55.572	6.763	0.0	46.464	5.564	0.0	41.477	4.927
132	7166	7167	SN	1	0.0	55.864	7.195	0.0	53.747	6.522	0.0	49.748	5.064	0.0	47.035	4.845	0.0	57.641	6.545	0.0	54.74	6.049	0.0	50.168	4.659	0.0	47.597	4.359
133	7166	7167	SN	1	0.0	55.864	7.195	0.0	53.747	6.522	0.0	49.748	5.064	0.0	47.035	4.845	0.0	57.641	6.545	0.0	54.74	6.049	0.0	50.168	4.659	0.0	47.597	4.359
134	7166	7167	NS	1	0.0	45.808	6.888	0.0	47.708	5.335	0.0	47.42	4.282	0.0	44.26	3.564	0.0	45.437	5.84	0.0	48.668	4.6	0.0	44.718	3.728	0.0	40.167	2.96
135	7166	7167	NS	1	0.0	43.03	6.744	0.0	46.914	5.222	0.0	43.407	4.508	0.0	42.773	3.868	0.0	45.437	5.576	0.0	48.668	4.419	0.0	43.126	3.912	0.0	40.345	3.315
136	7166	7167	SN	1	0.0	45.544	2.148	0.0	45.983	1.879	0.0	44.428	1.606	0.0	39.654	1.408	0.0	46.608	1.834	0.0	49.398	1.677	0.0	47.86	1.354	0.0	42.801	1.228
137	7166	7167	SN	1	0.0	45.544	2.073	0.0	45.983	1.893	0.0	44.428	1.548	0.0	39.654	1.402	0.0	46.608	1.773	0.0	49.398	1.693	0.0	47.86	1.3	0.0	42.801	1.224
138	7166	7167	SN	1	0.0	45.544	2.073	0.0	45.983	1.895	0.0	44.428	1.548	0.0	39.654	1.402	0.0	46.608	1.773	0.0	49.398	1.696	0.0	47.86	1.3	0.0	42.801	1.224
139	7166	7167	SN	1	0.0	55.864	7.348	0.0	53.747	6.34	0.0	49.748	5.251	0.0	47.035	4.813	0.0	57.641	6.699	0.0	54.74	5.867	0.0	50.168	4.834	0.0	47.597	4.364

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	7166	7167	NS	1	0.0	42.375	2.003	0.0	46.933	1.603	0.0	49.419	1.39	0.0	40.968	1.112	0.0	40.243	1.656	0.0	45.361	1.239	0.0	44.495	1.206	0.0	45.144	0.923
141	7166	7167	NS	1	0.0	40.091	2.07	0.0	42.14	1.679	0.0	46.122	1.387	0.0	42.146	1.174	0.0	41.128	1.641	0.0	44.437	1.306	0.0	41.853	1.187	0.0	37.431	0.964
142	7167	7168	SN	1	0.0	47.086	5.2	0.0	57.355	4.679	0.0	46.661	3.668	0.0	47.909	3.621	0.0	47.382	4.553	0.0	56.704	3.962	0.0	44.493	3.208	0.0	47.228	3.126
143	7167	7168	SN	1	0.0	45.149	1.625	0.0	43.055	1.416	0.0	40.525	1.059	0.0	38.836	1.12	0.0	43.123	1.38	0.0	43.144	1.132	0.0	40.617	0.913	0.0	36.839	0.916
144	7167	7168	NS	1	0.0	50.075	1.382	0.0	47.59	1.256	0.0	41.501	1.105	0.0	40.83	1.034	0.0	46.22	1.053	0.0	51.198	1.022	0.0	36.777	0.946	0.0	37.114	0.838
145	7167	7168	SN	1	0.0	47.086	5.343	0.0	57.355	5.062	0.0	46.661	3.644	0.0	47.909	3.795	0.0	47.382	4.733	0.0	56.704	4.308	0.0	44.493	3.196	0.0	47.228	3.295
146	7167	7168	NS	1	0.0	52.61	4.451	0.0	46.792	3.643	0.0	46.305	3.749	0.0	42.966	3.457	0.0	52.978	3.816	0.0	46.802	3.17	0.0	45.951	3.132	0.0	43.055	2.79
147	7167	7168	SN	1	0.0	47.914	5.353	0.0	57.355	5.062	0.0	46.661	3.644	0.0	47.909	3.795	0.0	47.382	4.713	0.0	56.704	4.318	0.0	44.493	3.189	0.0	47.228	3.295
148	7167	7168	SN	1	0.0	45.149	1.597	0.0	43.055	1.469	0.0	40.525	1.033	0.0	38.836	1.154	0.0	43.123	1.374	0.0	43.144	1.208	0.0	40.617	0.886	0.0	36.839	0.942
149	7167	7168	SN	1	0.0	45.149	1.595	0.0	43.055	1.467	0.0	40.525	1.033	0.0	38.836	1.153	0.0	43.123	1.369	0.0	43.144	1.206	0.0	40.617	0.889	0.0	36.839	0.942
150	7168	7169	NS	1	0.0	41.953	2.504	0.0	48.956	1.939	0.0	38.683	1.663	0.0	45.98	1.53	0.0	43.218	2.019	0.0	45.391	1.615	0.0	35.955	1.419	0.0	42.824	1.259
151	7168	7169	SN	1	0.0	44.619	7.491	0.0	47.074	6.691	0.0	48.359	5.298	0.0	43.347	5.363	0.0	46.443	7.231	0.0	44.654	6.862	0.0	45.018	5.56	0.0	45.43	5.584
152	7168	7169	NS	1	0.0	56.08	7.228	0.0	54.696	5.749	0.0	48.551	4.607	0.0	47.403	4.837	0.0	58.572	6.383	0.0	55.789	5.246	0.0	47.335	4.231	0.0	45.005	4.134
153	7168	7169	SN	1	0.0	40.957	2.555	0.0	40.138	2.395	0.0	49.221	1.893	0.0	38.263	1.861	0.0	40.122	2.603	0.0	41.964	2.451	0.0	44.707	1.911	0.0	35.844	1.821
154	7168	7169	NS	1	0.0	46.839	7.128	0.0	56.292	5.669	0.0	48.63	4.643	0.0	49.83	4.865	0.0	47.83	6.242	0.0	57.378	5.215	0.0	46.883	4.231	0.0	47.432	4.155
155	7168	7169	NS	1	0.0	43.741	2.513	0.0	48.078	1.937	0.0	40.352	1.635	0.0	44.36	1.53	0.0	41.385	2.015	0.0	45.144	1.621	0.0	45.354	1.396	0.0	43.558	1.242
156	7168	7169	SN	1	0.0	45.213	2.578	0.0	42.484	2.408	0.0	47.269	1.918	0.0	38.104	1.82	0.0	45.178	2.594	0.0	42.298	2.404	0.0	43.28	1.932	0.0	36.204	1.777
157	7168	7169	SN	1	0.0	45.468	7.582	0.0	49.472	6.691	0.0	48.63	5.283	0.0	43.0	5.37	0.0	46.2	7.291	0.0	47.653	6.791	0.0	45.317	5.567	0.0	43.995	5.62
158	7169	7170	NS	1	0.0	42.971	2.201	0.0	40.961	2.066	0.0	38.963	1.623	0.0	41.347	1.638	0.0	40.664	1.906	0.0	40.657	1.856	0.0	40.01	1.466	0.0	41.939	1.499
159	7169	7170	NS	1	0.0	48.088	5.936	0.0	49.857	5.566	0.0	46.902	4.713	0.0	48.22	4.805	0.0	49.132	5.473	0.0	49.944	5.204	0.0	45.328	4.379	0.0	47.136	4.55
160	7169	7170	NS	1	0.0	47.883	5.966	0.0	49.278	5.606	0.0	42.985	4.734	0.0	48.89	4.89	0.0	49.626	5.382	0.0	50.087	5.304	0.0	41.782	4.4	0.0	47.807	4.472
161	7169	7170	NS	1	0.0	46.899	2.203	0.0	41.699	2.05	0.0	38.627	1.613	0.0	43.676	1.658	0.0	42.403	1.895	0.0	41.092	1.875	0.0	39.675	1.468	0.0	39.974	1.509

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	7145	7146	SN	1	0.0	25.7	8.435	0.0	28.104	8.437	0.0	66.583	2.011	0.0	13.026	2.094	0.0	1.86	0.0	0.0	1.924	0.0	0.0	2.025	0.0	0.0	2.09	0.0
2	7145	7146	SN	1	0.0	31.43	14.286	0.0	25.86	14.113	0.0	83.966	9.831	0.0	15.172	8.976	0.0	1.877	0.0	0.0	1.957	0.0	0.0	2.031	0.0	0.0	2.099	0.0
3	7145	7146	SN	1	0.0	31.43	14.341	0.0	25.921	14.751	0.0	83.966	9.735	0.0	67.178	9.996	0.0	1.877	0.0	0.0	1.957	0.0	0.0	2.031	0.0	0.0	2.099	0.0
4	7145	7146	SN	1	0.0	25.7	8.452	0.0	28.104	8.591	0.0	66.583	2.016	0.0	46.221	2.37	0.0	1.86	0.0	0.0	1.924	0.0	0.0	2.027	0.0	0.0	2.09	0.0
5	7146	7147	SN	1	0.0	31.287	14.496	0.0	25.921	14.851	0.0	92.282	9.779	0.0	55.062	10.051	0.0	1.874	0.0	0.0	1.926	0.0	0.0	2.031	0.0	0.0	2.099	0.0
6	7146	7147	NS	1	0.0	27.25	10.521	0.0	26.941	10.823	0.0	356.013	6.103	0.0	136.22	5.614	0.0	1.957	0.0	0.0	1.901	0.0	0.0	2.109	0.0	0.0	2.076	0.0
7	7146	7147	SN	1	0.0	25.7	8.45	0.0	27.04	8.625	0.0	119.229	2.008	0.0	59.22	2.41	0.0	1.86	0.0	0.0	1.923	0.0	0.0	2.027	0.0	0.0	2.083	0.0
8	7146	7147	NS	1	0.0	25.943	13.536	0.0	32.037	15.772	0.0	356.013	14.232	0.0	71.75	14.021	0.0	1.947	0.0	0.0	1.909	0.0	0.0	2.11	0.0	0.0	2.077	0.0
9	7146	7147	SN	1	0.0	31.287	14.459	0.0	25.921	14.602	0.0	92.282	9.829	0.0	21.762	9.719	0.0	1.874	0.0	0.0	1.926	0.0	0.0	2.031	0.0	0.0	2.099	0.0
10	7146	7147	SN	1	0.0	31.287	14.496	0.0	25.921	14.851	0.0	92.282	9.779	0.0	55.062	10.051	0.0	1.874	0.0	0.0	1.926	0.0	0.0	2.031	0.0	0.0	2.099	0.0
11	7146	7147	NS	1	0.0	25.943	13.536	0.0	32.037	15.772	0.0	356.013	14.232	0.0	71.75	14.021	0.0	1.947	0.0	0.0	1.909	0.0	0.0	2.11	0.0	0.0	2.077	0.0
12	7146	7147	SN	1	0.0	25.7	8.45	0.0	27.04	8.583	0.0	119.229	1.999	0.0	15.056	2.293	0.0	1.86	0.0	0.0	1.923	0.0	0.0	2.025	0.0	0.0	2.083	0.0
13	7146	7147	NS	1	0.0	27.25	10.521	0.0	26.941	10.823	0.0	356.013	6.103	0.0	136.22	5.614	0.0	1.957	0.0	0.0	1.901	0.0	0.0	2.109	0.0	0.0	2.076	0.0
14	7147	7148	SN	1	0.0	31.391	14.469	0.0	25.921	14.646	0.0	90.727	9.747	0.0	22.209	9.817	0.0	1.873	0.0	0.0	1.933	0.0	0.0	2.03	0.0	0.0	2.098	0.0
15	7147	7148	SN	1	0.0	31.391	14.504	0.0	25.921	14.841	0.0	90.733	9.693	0.0	56.214	10.087	0.0	1.873	0.0	0.0	1.932	0.0	0.0	2.03	0.0	0.0	2.098	0.0
16	7147	7148	NS	1	0.0	27.228	10.448	0.0	26.952	10.765	0.0	349.158	6.014	0.0	126.812	5.608	0.0	1.959	0.0	0.0	1.905	0.0	0.0	2.114	0.0	0.0	2.082	0.0
17	7147	7148	SN	1	0.0	31.391	14.49	0.0	25.921	14.666	0.0	90.733	9.733	0.0	22.203	9.817	0.0	1.873	0.0	0.0	1.932	0.0	0.0	2.03	0.0	0.0	2.098	0.0
18	7147	7148	SN	1	0.0	25.705	8.442	0.0	28.104	8.562	0.0	63.252	2.015	0.0	15.111	2.32	0.0	1.859	0.0	0.0	1.922	0.0	0.0	2.025	0.0	0.0	2.082	0.0
19	7147	7148	NS	1	0.0	25.921	13.667	0.0	32.042	15.76	0.0	154.605	14.264	0.0	147.085	14.025	0.0	1.947	0.0	0.0	1.911	0.0	0.0	2.119	0.0	0.0	2.082	0.0
20	7147	7148	SN	1	0.0	25.705	8.438	0.0	28.104	8.558	0.0	63.235	2.013	0.0	15.111	2.315	0.0	1.859	0.0	0.0	1.922	0.0	0.0	2.025	0.0	0.0	2.082	0.0
21	7147	7148	SN	1	0.0	25.705	8.45	0.0	28.104	8.6	0.0	63.252	2.024	0.0	57.985	2.428	0.0	1.863	0.0	0.0	1.922	0.0	0.0	2.027	0.0	0.0	2.082	0.0
22	7147	7148	NS	1	0.0	27.228	10.451	0.0	26.952	10.755	0.0	150.127	6.025	0.0	131.946	5.621	0.0	1.959	0.0	0.0	1.902	0.0	0.0	2.114	0.0	0.0	2.083	0.0
23	7147	7148	NS	1	0.0	25.948	13.595	0.0	35.787	15.722	0.0	154.605	14.184	0.0	73.355	14.007	0.0	1.947	0.0	0.0	1.909	0.0	0.0	2.12	0.0	0.0	2.079	0.0
24	7148	7149	SN	1	0.0	31.281	14.483	0.0	25.926	14.555	0.0	139.066	9.922	0.0	19.788	9.669	0.0	1.874	0.0	0.0	1.932	0.0	0.0	2.031	0.0	0.0	2.098	0.0
25	7148	7149	SN	1	0.0	25.722	8.475	0.0	28.11	8.607	0.0	133.11	2.027	0.0	66.163	2.448	0.0	1.86	0.0	0.0	1.94	0.0	0.0	2.028	0.0	0.0	2.087	0.0
26	7148	7149	SN	1	0.0	25.722	8.475	0.0	28.11	8.607	0.0	133.11	2.027	0.0	66.18	2.448	0.0	1.86	0.0	0.0	1.94	0.0	0.0	2.028	0.0	0.0	2.087	0.0
27	7148	7149	NS	1	0.0	27.222	10.431	0.0	26.946	10.757	0.0	357.314	5.988	0.0	134.428	5.585	0.0	1.956	0.0	0.0	1.901	0.0	0.0	2.108	0.0	0.0	2.077	0.0
28	7148	7149	SN	1	0.0	31.281	14.513	0.0	25.921	14.862	0.0	139.066	9.864	0.0	57.544	10.109	0.0	1.874	0.0	0.0	1.932	0.0	0.0	2.031	0.0	0.0	2.098	0.0
29	7148	7149	NS	1	0.0	27.222	10.431	0.0	26.946	10.757	0.0	357.314	5.988	0.0	134.428	5.585	0.0	1.956	0.0	0.0	1.901	0.0	0.0	2.108	0.0	0.0	2.077	0.0
30	7148	7149	NS	1	0.0	25.86	13.575	0.0	35.87	15.68	0.0	165.828	14.227	0.0	81.583	14.028	0.0	1.945	0.0	0.0	1.908	0.0	0.0	2.108	0.0	0.0	2.076	0.0
31	7148	7149	SN	1	0.0	31.281	14.513	0.0	25.921	14.862	0.0	139.066	9.864	0.0	57.555	10.109	0.0	1.874	0.0	0.0	1.932	0.0	0.0	2.031	0.0	0.0	2.098	0.0

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

32	7148	7149	NS	1	0.0	25.86	13.575	0.0	35.87	15.68	0.0	165.828	14.227	0.0	81.583	14.028	0.0	1.945	0.0	0.0	1.908	0.0	0.0	2.108	0.0	0.0	2.076	0.0
33	7148	7149	SN	1	0.0	25.722	8.468	0.0	28.11	8.549	0.0	133.11	2.014	0.0	14.642	2.287	0.0	1.86	0.0	0.0	1.94	0.0	0.0	2.026	0.0	0.0	2.087	0.0
34	7149	7150	NS	1	0.0	27.211	10.415	0.0	26.946	10.787	0.0	355.428	5.966	0.0	131.764	5.589	0.0	1.957	0.0	0.0	1.9	0.0	0.0	2.108	0.0	0.0	2.076	0.0
35	7149	7150	NS	1	0.0	25.921	13.608	0.0	31.981	15.654	0.0	352.009	14.264	0.0	78.705	14.092	0.0	1.949	0.0	0.0	1.906	0.0	0.0	2.109	0.0	0.0	2.076	0.0
36	7149	7150	NS	1	0.0	25.926	13.608	0.0	31.981	15.674	0.0	352.003	14.264	0.0	78.732	14.085	0.0	1.949	0.0	0.0	1.906	0.0	0.0	2.109	0.0	0.0	2.076	0.0
37	7149	7150	SN	1	0.0	25.705	8.477	0.0	27.023	8.602	0.0	129.845	2.067	0.0	59.926	2.443	0.0	1.86	0.0	0.0	1.925	0.0	0.0	2.027	0.0	0.0	2.092	0.0
38	7149	7150	NS	1	0.0	27.211	10.413	0.0	26.946	10.778	0.0	355.428	5.964	0.0	131.825	5.595	0.0	1.957	0.0	0.0	1.9	0.0	0.0	2.108	0.0	0.0	2.076	0.0
39	7149	7150	SN	1	0.0	31.309	14.453	0.0	25.921	14.871	0.0	129.845	9.847	0.0	62.286	10.159	0.0	1.875	0.0	0.0	1.964	0.0	0.0	2.03	0.0	0.0	2.097	0.0
40	7149	7150	SN	1	0.0	31.309	14.453	0.0	25.921	14.871	0.0	129.845	9.847	0.0	62.286	10.159	0.0	1.875	0.0	0.0	1.964	0.0	0.0	2.03	0.0	0.0	2.097	0.0
41	7149	7150	SN	1	0.0	31.309	14.403	0.0	25.921	14.394	0.0	129.845	9.962	0.0	16.76	9.484	0.0	1.875	0.0	0.0	1.964	0.0	0.0	2.03	0.0	0.0	2.097	0.0
42	7149	7150	SN	1	0.0	25.705	8.459	0.0	27.023	8.496	0.0	129.845	2.043	0.0	13.727	2.218	0.0	1.86	0.0	0.0	1.925	0.0	0.0	2.026	0.0	0.0	2.092	0.0
43	7149	7150	SN	1	0.0	25.705	8.477	0.0	27.023	8.602	0.0	129.845	2.067	0.0	59.926	2.443	0.0	1.86	0.0	0.0	1.925	0.0	0.0	2.027	0.0	0.0	2.092	0.0
44	7150	7151	SN	1	0.0	25.716	8.476	0.0	28.099	8.58	0.0	96.783	2.06	0.0	59.457	2.436	0.0	1.862	0.0	0.0	1.925	0.0	0.0	2.029	0.0	0.0	2.092	0.0
45	7150	7151	SN	1	0.0	25.716	8.476	0.0	28.099	8.58	0.0	96.783	2.058	0.0	59.374	2.438	0.0	1.862	0.0	0.0	1.925	0.0	0.0	2.027	0.0	0.0	2.092	0.0
46	7150	7151	NS	1	0.0	27.222	10.422	0.0	26.946	10.78	0.0	186.338	5.959	0.0	126.624	5.607	0.0	1.959	0.0	0.0	1.903	0.0	0.0	2.108	0.0	0.0	2.08	0.0
47	7150	7151	NS	1	0.0	27.222	10.418	0.0	26.946	10.766	0.0	186.476	5.97	0.0	126.751	5.61	0.0	1.958	0.0	0.0	1.903	0.0	0.0	2.107	0.0	0.0	2.08	0.0
48	7150	7151	NS	1	0.0	25.943	13.649	0.0	32.009	15.674	0.0	174.812	14.236	0.0	77.607	14.056	0.0	1.949	0.0	0.0	1.907	0.0	0.0	2.108	0.0	0.0	2.081	0.0
49	7150	7151	NS	1	0.0	25.943	13.639	0.0	32.009	15.684	0.0	174.768	14.264	0.0	77.546	14.041	0.0	1.949	0.0	0.0	1.906	0.0	0.0	2.108	0.0	0.0	2.081	0.0
50	7150	7151	SN	1	0.0	25.716	8.459	0.0	28.099	8.43	0.0	96.783	2.023	0.0	12.955	2.153	0.0	1.862	0.0	0.0	1.925	0.0	0.0	2.026	0.0	0.0	2.092	0.0
51	7150	7151	SN	1	0.0	31.413	14.466	0.0	25.921	14.822	0.0	100.627	9.914	0.0	49.668	10.166	0.0	1.875	0.0	0.0	1.965	0.0	0.0	2.031	0.0	0.0	2.103	0.0
52	7150	7151	SN	1	0.0	31.413	14.466	0.0	25.926	14.822	0.0	100.627	9.92	0.0	49.414	10.166	0.0	1.875	0.0	0.0	1.965	0.0	0.0	2.031	0.0	0.0	2.103	0.0
53	7150	7151	SN	1	0.0	31.413	14.389	0.0	25.876	14.16	0.0	100.627	10.017	0.0	15.354	9.204	0.0	1.875	0.0	0.0	1.965	0.0	0.0	2.031	0.0	0.0	2.103	0.0
54	7151	7152	NS	1	0.0	25.92	13.638	0.0	32.119	15.665	0.0	153.855	14.237	0.0	74.061	14.114	0.0	1.944	0.0	0.0	1.905	0.0	0.0	2.109	0.0	0.0	2.077	0.0
55	7151	7152	SN	1	0.0	31.353	14.42	0.0	25.921	14.785	0.0	137.676	9.903	0.0	69.974	10.061	0.0	1.875	0.0	0.0	1.941	0.0	0.0	2.031	0.0	0.0	2.089	0.0
56	7151	7152	SN	1	0.0	31.353	14.42	0.0	25.921	14.785	0.0	137.676	9.903	0.0	69.974	10.061	0.0	1.875	0.0	0.0	1.941	0.0	0.0	2.031	0.0	0.0	2.089	0.0
57	7151	7152	SN	1	0.0	31.353	14.348	0.0	25.683	13.989	0.0	137.676	9.986	0.0	15.084	8.865	0.0	1.875	0.0	0.0	1.941	0.0	0.0	2.029	0.0	0.0	2.089	0.0
58	7151	7152	NS	1	0.0	25.921	13.618	0.0	32.119	15.675	0.0	153.855	14.244	0.0	73.978	14.072	0.0	1.945	0.0	0.0	1.904	0.0	0.0	2.11	0.0	0.0	2.077	0.0
59	7151	7152	SN	1	0.0	25.733	8.451	0.0	223.002	8.392	0.0	129.079	2.002	0.0	12.354	2.093	0.0	1.86	0.0	0.0	1.935	0.0	0.0	2.026	0.0	0.0	2.083	0.0
60	7151	7152	SN	1	0.0	25.733	8.461	0.0	223.002	8.589	0.0	129.079	2.06	0.0	60.102	2.458	0.0	1.86	0.0	0.0	1.935	0.0	0.0	2.029	0.0	0.0	2.083	0.0
61	7151	7152	SN	1	0.0	25.733	8.461	0.0	223.002	8.589	0.0	129.079	2.06	0.0	60.102	2.458	0.0	1.86	0.0	0.0	1.935	0.0	0.0	2.029	0.0	0.0	2.083	0.0
62	7151	7152	NS	1	0.0	27.222	10.453	0.0	26.946	10.774	0.0	356.603	5.995	0.0	131.02	5.597	0.0	1.959	0.0	0.0	1.901	0.0	0.0	2.109	0.0	0.0	2.077	0.0
63	7151	7152	NS	1	0.0	27.228	10.447	0.0	26.946	10.774	0.0	356.586	5.995	0.0	131.185	5.603	0.0	1.957	0.0	0.0	1.901	0.0	0.0	2.109	0.0	0.0	2.076	0.0
64	7152	7153	SN	1	0.0	25.716	8.438	0.0	28.115	8.609	0.0	116.929	2.051	0.0	57.384	2.414	0.0	1.861	0.0	0.0	1.925	0.0	0.0	2.028	0.0	0.0	2.095	0.0
65	7152	7153	SN	1	0.0	31.755	14.39	0.0	25.921	14.793	0.0	84.683	9.832	0.0	59.308	10.041	0.0	1.882	0.0	0.0	1.939	0.0	0.0	2.031	0.0	0.0	2.102	0.0
66	7152	7153	NS	1	0.0	25.921	13.678	0.0	32.092	15.695	0.0	355.864	14.237	0.0	76.322	14.093	0.0	1.943	0.0	0.0	1.914	0.0	0.0	2.108	0.0	0.0	2.077	0.0
67	7152	7153	NS	1	0.0	27.25	10.469	0.0	26.946	10.754	0.0	355.864	6.086	0.0	144.554	5.628	0.0	1.957	0.0	0.0	1.9	0.0	0.0	2.108	0.0	0.0	2.076	0.0
68	7152	7153	SN	1	0.0	25.716	8.438	0.0	28.115	8.353	0.0	116.929	1.974	0.0	12.315	1.979	0.0	1.861	0.0	0.0	1.925	0.0	0.0	2.025	0.0	0.0	2.095	0.0

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

69	7152	7153	SN	1	0.0	31.755	14.39	0.0	25.921	14.793	0.0	84.683	9.832	0.0	59.314	10.041	0.0	1.882	0.0	0.0	1.939	0.0	0.0	2.031	0.0	0.0	2.102	0.0
70	7152	7153	SN	1	0.0	31.755	14.37	0.0	25.501	13.899	0.0	84.683	9.879	0.0	14.482	8.622	0.0	1.882	0.0	0.0	1.924	0.0	0.0	2.028	0.0	0.0	2.092	0.0
71	7152	7153	SN	1	0.0	25.716	8.438	0.0	28.115	8.609	0.0	116.929	2.051	0.0	57.389	2.414	0.0	1.861	0.0	0.0	1.925	0.0	0.0	2.028	0.0	0.0	2.095	0.0
72	7153	7154	NS	1	0.0	27.233	10.478	0.0	26.946	10.762	0.0	356.04	6.09	0.0	135.834	5.598	0.0	1.957	0.0	0.0	1.901	0.0	0.0	2.109	0.0	0.0	2.077	0.0
73	7153	7154	NS	1	0.0	25.915	13.565	0.0	35.958	15.77	0.0	356.04	14.22	0.0	71.982	14.0	0.0	1.942	0.0	0.0	1.906	0.0	0.0	2.109	0.0	0.0	2.077	0.0
74	7153	7154	NS	1	0.0	25.915	13.575	0.0	35.958	15.77	0.0	356.04	14.227	0.0	71.976	13.999	0.0	1.944	0.0	0.0	1.906	0.0	0.0	2.109	0.0	0.0	2.077	0.0
75	7153	7154	SN	1	0.0	25.7	8.463	0.0	28.11	8.605	0.0	120.42	2.026	0.0	56.468	2.412	0.0	1.86	0.0	0.0	1.924	0.0	0.0	2.028	0.0	0.0	2.094	0.0
76	7153	7154	SN	1	0.0	25.7	8.468	0.0	28.11	8.607	0.0	120.426	2.024	0.0	56.452	2.416	0.0	1.86	0.0	0.0	1.924	0.0	0.0	2.028	0.0	0.0	2.093	0.0
77	7153	7154	SN	1	0.0	31.518	14.537	0.0	25.921	14.79	0.0	89.878	9.886	0.0	54.874	10.016	0.0	1.874	0.0	0.0	1.924	0.0	0.0	2.032	0.0	0.0	2.1	0.0
78	7153	7154	SN	1	0.0	31.518	14.517	0.0	25.921	14.8	0.0	89.872	9.893	0.0	54.885	10.016	0.0	1.873	0.0	0.0	1.976	0.0	0.0	2.032	0.0	0.0	2.1	0.0
79	7153	7154	NS	1	0.0	27.233	10.48	0.0	26.946	10.765	0.0	356.04	6.088	0.0	135.834	5.596	0.0	1.957	0.0	0.0	1.901	0.0	0.0	2.109	0.0	0.0	2.077	0.0
80	7154	7155	SN	1	0.0	31.441	14.514	0.005	25.921	14.851	0.0	142.894	9.857	0.0	55.635	10.003	0.0	1.873	0.0	0.0	1.923	0.0	0.0	2.033	0.0	0.0	2.096	0.0
81	7154	7155	SN	1	0.0	25.705	8.461	0.0	235.107	8.639	0.0	136.733	2.017	0.0	57.268	2.425	0.0	1.865	0.0	0.0	1.924	0.0	0.0	2.033	0.0	0.0	2.091	0.0
82	7154	7155	NS	1	0.0	27.211	10.445	0.0	26.946	10.774	0.0	349.086	6.005	0.0	126.878	5.61	0.0	1.958	0.0	0.0	1.9	0.0	0.0	2.109	0.0	0.0	2.076	0.0
83	7154	7155	NS	1	0.0	27.228	10.445	0.0	26.946	10.771	0.0	349.086	6.005	0.0	126.845	5.605	0.0	1.959	0.0	0.0	1.9	0.0	0.0	2.109	0.0	0.0	2.076	0.0
84	7154	7155	NS	1	0.0	25.943	13.606	0.0	32.086	15.709	0.0	154.759	14.272	0.0	142.601	13.989	0.0	1.942	0.0	0.0	1.908	0.0	0.0	2.11	0.0	0.0	2.077	0.0
85	7154	7155	NS	1	0.0	25.943	13.606	0.0	32.086	15.719	0.0	154.737	14.272	0.0	142.574	14.003	0.0	1.942	0.0	0.0	1.907	0.0	0.0	2.11	0.0	0.0	2.076	0.0
86	7155	7156	NS	1	0.0	27.217	10.449	0.0	26.946	10.756	0.0	324.803	6.003	0.0	129.034	5.601	0.0	1.958	0.0	0.0	1.9	0.0	0.0	2.109	0.0	0.0	2.076	0.0
87	7155	7156	NS	1	0.0	25.932	13.626	0.0	32.053	15.749	0.0	349.941	14.25	0.0	137.903	13.982	0.0	1.942	0.0	0.0	1.906	0.0	0.0	2.11	0.0	0.0	2.076	0.0
88	7160	7161	NS	1	0.0	25.898	13.697	0.0	32.163	15.704	0.0	355.974	14.288	0.0	71.783	14.05	0.0	1.944	0.0	0.0	1.908	0.0	0.0	2.108	0.0	0.0	2.077	0.0
89	7160	7161	SN	1	0.0	31.915	14.489	0.0	25.926	14.805	0.0	83.458	9.932	0.0	60.34	10.069	0.0	1.871	0.0	0.0	1.957	0.0	0.0	2.031	0.0	0.0	2.063	0.0
90	7160	7161	NS	1	0.0	27.228	10.49	0.0	26.941	10.715	0.0	355.974	6.106	0.0	136.226	5.633	0.0	1.958	0.0	0.0	1.9	0.0	0.0	2.108	0.0	0.0	2.077	0.0
91	7160	7161	SN	1	0.0	25.7	8.462	0.0	28.11	8.591	0.0	66.776	2.061	0.0	56.088	2.419	0.0	1.861	0.0	0.0	1.928	0.0	0.0	2.029	0.0	0.0	2.077	0.0
92	7160	7161	SN	1	0.0	31.915	14.44	0.0	25.926	14.301	0.0	83.458	10.041	0.0	15.657	9.336	0.0	1.871	0.0	0.0	1.957	0.0	0.0	2.03	0.0	0.0	2.063	0.0
93	7160	7161	SN	1	0.0	25.7	8.462	0.0	28.11	8.591	0.0	66.776	2.061	0.0	56.088	2.419	0.0	1.861	0.0	0.0	1.928	0.0	0.0	2.029	0.0	0.0	2.077	0.0
94	7160	7161	SN	1	0.0	25.7	8.454	0.0	28.11	8.478	0.0	66.776	2.024	0.0	13.55	2.182	0.0	1.858	0.0	0.0	1.928	0.0	0.0	2.026	0.0	0.0	2.077	0.0
95	7160	7161	SN	1	0.0	31.915	14.489	0.0	25.926	14.805	0.0	83.458	9.932	0.0	60.34	10.069	0.0	1.871	0.0	0.0	1.957	0.0	0.0	2.031	0.0	0.0	2.063	0.0
96	7161	7162	SN	1	0.0	25.694	8.497	0.0	28.082	8.523	0.0	140.787	2.092	0.0	52.453	2.42	0.0	1.861	0.0	0.0	1.936	0.0	0.0	2.03	0.0	0.0	2.074	0.0
97	7161	7162	SN	1	0.0	31.331	14.569	0.006	25.932	14.656	0.0	144.046	10.087	0.0	22.159	9.841	0.0	1.871	0.0	0.0	1.937	0.0	0.0	2.03	0.0	0.0	2.082	0.0
98	7161	7162	SN	1	0.0	31.331	14.581	0.006	25.932	14.83	0.0	144.046	10.048	0.0	55.751	10.096	0.0	1.871	0.0	0.0	1.937	0.0	0.0	2.031	0.0	0.0	2.082	0.0
99	7161	7162	NS	1	0.0	25.909	13.592	0.0	32.197	15.776	0.0	152.824	14.234	0.0	73.438	13.977	0.0	1.942	0.0	0.0	1.909	0.0	0.0	2.109	0.0	0.0	2.076	0.0
100	7161	7162	NS	1	0.0	25.909	13.592	0.0	32.197	15.776	0.0	152.824	14.234	0.0	73.438	13.977	0.0	1.942	0.0	0.0	1.909	0.0	0.0	2.109	0.0	0.0	2.076	0.0
101	7161	7162	SN	1	0.0	25.694	8.492	0.0	28.082	8.49	0.0	140.787	2.08	0.0	15.668	2.325	0.0	1.859	0.0	0.0	1.936	0.0	0.0	2.027	0.0	0.0	2.074	0.0
102	7161	7162	NS	1	0.0	27.244	10.453	0.0	26.941	10.654	0.0	147.871	6.047	0.0	133.397	5.546	0.0	1.958	0.0	0.0	1.9	0.0	0.0	2.108	0.0	0.0	2.076	0.0
103	7161	7162	NS	1	0.0	27.244	10.453	0.0	26.941	10.654	0.0	147.871	6.047	0.0	133.397	5.546	0.0	1.958	0.0	0.0	1.9	0.0	0.0	2.108	0.0	0.0	2.076	0.0
104	7162	7163	SN	1	0.0	25.705	8.512	0.0	28.088	8.509	0.0	135.09	2.111	0.0	58.757	2.421	0.0	1.861	0.0	0.0	1.948	0.0	0.0	2.03	0.0	0.0	2.081	0.0
105	7162	7163	NS	1	0.0	25.909	13.663	0.0	32.169	15.694	0.0	351.849	14.223	0.0	133.689	13.932	0.0	1.948	0.0	0.0	1.908	0.0	0.0	2.111	0.0	0.0	2.076	0.0

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

106	7162	7163	SN	1	0.0	32.472	14.623	0.0	25.932	14.881	0.0	142.088	10.033	0.0	56.485	10.118	0.0	1.871	0.0	0.0	1.939	0.0	0.0	2.031	0.0	0.0	2.081	0.0
107	7162	7163	NS	1	0.0	27.239	10.399	0.0	26.941	10.654	0.0	355.18	5.995	0.0	130.353	5.603	0.0	1.957	0.0	0.0	1.9	0.0	0.0	2.108	0.0	0.0	2.076	0.0
108	7162	7163	SN	1	0.0	32.472	14.633	0.0	25.932	14.871	0.0	142.083	10.026	0.0	56.49	10.118	0.0	1.871	0.0	0.0	1.939	0.0	0.0	2.031	0.0	0.0	2.081	0.0
109	7162	7163	SN	1	0.0	25.705	8.508	0.0	28.088	8.509	0.0	135.09	2.107	0.0	58.724	2.427	0.0	1.861	0.0	0.0	1.934	0.0	0.0	2.03	0.0	0.0	2.081	0.0
110	7163	7164	SN	1	0.0	25.711	8.565	0.0	28.088	8.439	0.0	123.255	2.113	0.0	14.063	2.251	0.0	1.858	0.0	0.0	1.943	0.0	0.0	2.027	0.0	0.0	2.078	0.0
111	7163	7164	SN	1	0.0	25.711	8.564	0.0	28.088	8.517	0.0	123.255	2.142	0.0	56.529	2.442	0.0	1.862	0.0	0.0	1.943	0.0	0.0	2.03	0.0	0.0	2.078	0.0
112	7163	7164	NS	1	0.0	27.217	10.38	0.0	26.935	10.629	0.0	355.263	5.956	0.0	132.713	5.558	0.0	1.957	0.0	0.0	1.9	0.0	0.0	2.109	0.0	0.0	2.076	0.0
113	7163	7164	NS	1	0.0	25.915	13.647	0.0	32.108	15.65	0.0	352.08	14.237	0.0	78.561	13.934	0.0	1.949	0.0	0.0	1.907	0.0	0.0	2.111	0.0	0.0	2.076	0.0
114	7163	7164	NS	1	0.0	25.915	13.657	0.0	32.108	15.639	0.0	352.075	14.209	0.0	78.561	13.919	0.0	1.948	0.0	0.0	1.908	0.0	0.0	2.111	0.0	0.0	2.076	0.0
115	7163	7164	NS	1	0.0	27.217	10.384	0.0	26.935	10.625	0.0	355.263	5.956	0.0	132.652	5.555	0.0	1.957	0.0	0.0	1.9	0.0	0.0	2.109	0.0	0.0	2.076	0.0
116	7163	7164	SN	1	0.0	32.125	14.514	0.0	25.926	14.519	0.0	132.366	10.243	0.0	18.955	9.687	0.0	1.869	0.0	0.0	1.961	0.0	0.0	2.03	0.0	0.0	2.1	0.0
117	7163	7164	SN	1	0.0	32.125	14.537	0.0	25.926	14.881	0.0	132.366	10.166	0.0	62.193	10.209	0.0	1.869	0.0	0.0	1.961	0.0	0.0	2.032	0.0	0.0	2.1	0.0
118	7164	7165	NS	1	0.0	27.233	10.356	0.0	26.935	10.623	0.0	167.344	5.975	0.0	142.789	5.585	0.0	1.958	0.0	0.0	1.9	0.0	0.0	2.109	0.0	0.0	2.076	0.0
119	7164	7165	SN	1	0.0	25.716	8.551	0.0	28.099	8.514	0.0	153.19	2.138	0.0	53.606	2.452	0.0	1.861	0.0	0.0	1.941	0.0	0.0	2.029	0.0	0.0	2.077	0.0
120	7164	7165	SN	1	0.0	32.075	14.575	0.0	25.937	14.882	0.0	153.19	10.086	0.0	66.765	10.174	0.0	1.873	0.0	0.0	1.931	0.0	0.0	2.03	0.0	0.0	2.085	0.0
121	7164	7165	NS	1	0.0	25.909	13.699	0.0	36.89	15.67	0.0	173.582	14.222	0.0	138.664	13.978	0.0	1.942	0.0	0.0	1.907	0.0	0.0	2.11	0.0	0.0	2.076	0.0
122	7165	7166	NS	1	0.0	27.222	10.407	0.0	26.941	10.643	0.0	353.972	5.958	0.0	146.418	5.567	0.0	1.957	0.0	0.0	1.9	0.0	0.0	2.108	0.0	0.0	2.076	0.0
123	7165	7166	SN	1	0.0	25.7	8.572	0.0	79.954	8.551	0.0	114.773	2.16	0.0	57.025	2.483	0.0	1.861	0.0	0.0	1.937	0.0	0.0	2.03	0.0	0.0	2.077	0.0
124	7165	7166	NS	1	0.0	27.222	10.381	0.0	26.93	10.643	0.0	356.956	5.968	0.0	146.418	5.588	0.0	1.958	0.0	0.0	1.9	0.0	0.0	2.109	0.0	0.0	2.076	0.0
125	7165	7166	NS	1	0.0	25.904	13.614	0.0	32.108	15.65	0.0	178.601	14.223	0.0	79.267	13.898	0.0	1.948	0.0	0.0	1.907	0.0	0.0	2.11	0.0	0.0	2.076	0.0
126	7165	7166	SN	1	0.0	31.943	14.555	0.0	77.119	14.921	0.0	125.08	10.102	0.0	64.321	10.238	0.0	1.873	0.0	0.0	1.929	0.0	0.0	2.031	0.0	0.0	2.084	0.0
127	7165	7166	SN	1	0.0	31.943	14.545	0.0	25.926	14.901	0.0	125.119	10.102	0.0	64.316	10.259	0.0	1.872	0.0	0.0	1.93	0.0	0.0	2.031	0.0	0.0	2.084	0.0
128	7165	7166	NS	1	0.0	25.926	13.73	0.0	32.202	15.641	0.0	181.463	14.263	0.0	180.379	13.987	0.0	1.942	0.0	0.0	1.91	0.0	0.0	2.109	0.0	0.0	2.076	0.0
129	7165	7166	SN	1	0.0	25.7	8.574	0.0	28.093	8.504	0.0	114.806	2.141	0.0	14.074	2.33	0.0	1.861	0.0	0.0	1.938	0.0	0.0	2.028	0.0	0.0	2.077	0.0
130	7165	7166	SN	1	0.0	25.7	8.572	0.0	28.093	8.56	0.0	114.806	2.156	0.0	57.069	2.472	0.0	1.861	0.0	0.0	1.938	0.0	0.0	2.03	0.0	0.0	2.077	0.0
131	7165	7166	SN	1	0.0	31.943	14.518	0.0	25.926	14.618	0.0	125.119	10.147	0.0	20.698	9.854	0.0	1.872	0.0	0.0	1.93	0.0	0.0	2.031	0.0	0.0	2.084	0.0
132	7166	7167	SN	1	0.0	32.163	14.52	0.0	25.932	14.785	0.0	131.516	10.036	0.0	58.999	10.155	0.0	1.877	0.0	0.0	1.927	0.0	0.0	2.032	0.0	0.0	2.1	0.0
133	7166	7167	SN	1	0.0	32.163	14.52	0.0	25.932	14.785	0.0	131.516	10.036	0.0	58.999	10.155	0.0	1.877	0.0	0.0	1.927	0.0	0.0	2.032	0.0	0.0	2.1	0.0
134	7166	7167	NS	1	0.0	25.926	13.694	0.0	32.219	15.642	0.0	355.869	14.238	0.0	75.986	13.957	0.0	1.947	0.0	0.0	1.907	0.0	0.0	2.11	0.0	0.0	2.076	0.0
135	7166	7167	NS	1	0.0	25.904	13.588	0.0	36.542	15.746	0.0	355.869	14.248	0.0	176.827	13.977	0.0	1.941	0.0	0.0	1.909	0.0	0.0	2.11	0.0	0.0	2.077	0.0
136	7166	7167	SN	1	0.0	25.711	8.528	0.0	28.077	8.356	0.0	127.694	2.066	0.0	13.115	2.142	0.0	1.861	0.0	0.0	1.935	0.0	0.0	2.027	0.0	0.0	2.078	0.0
137	7166	7167	SN	1	0.0	25.711	8.549	0.0	28.077	8.521	0.0	127.694	2.124	0.0	49.227	2.432	0.0	1.861	0.0	0.0	1.935	0.0	0.0	2.03	0.0	0.0	2.078	0.0
138	7166	7167	SN	1	0.0	25.711	8.549	0.0	28.077	8.521	0.0	127.694	2.124	0.0	49.227	2.432	0.0	1.861	0.0	0.0	1.935	0.0	0.0	2.03	0.0	0.0	2.078	0.0
139	7166	7167	SN	1	0.0	32.163	14.467	0.0	25.816	14.152	0.0	131.516	10.137	0.0	14.824	9.147	0.0	1.877	0.0	0.0	1.927	0.0	0.0	2.031	0.0	0.0	2.1	0.0
140	7166	7167	NS	1	0.0	27.239	10.395	0.0	26.935	10.634	0.0	355.869	6.03	0.0	126.349	5.589	0.0	1.957	0.0	0.0	1.901	0.0	0.0	2.108	0.0	0.0	2.076	0.0
141	7166	7167	NS	1	0.0	27.233	10.377	0.0	26.935	10.641	0.0	355.869	6.029	0.0	160.619	5.601	0.0	1.958	0.0	0.0	1.9	0.0	0.0	2.108	0.0	0.0	2.076	0.0
142	7167	7168	SN	1	0.0	32.18	14.504	0.0	25.468	13.939	0.0	84.275	10.17	0.0	14.455	8.623	0.0	1.872	0.0	0.0	1.924	0.0	0.0	2.032	0.0	0.0	2.102	0.0

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

143	7167	7168	SN	1	0.0	25.739	8.496	0.0	28.099	8.225	0.0	63.786	2.003	0.0	12.265	1.975	0.0	1.861	0.0	0.0	1.946	0.0	0.0	2.028	0.0	0.0	2.077	0.0
144	7167	7168	NS	1	0.0	27.233	10.415	0.0	26.935	10.625	0.0	355.946	6.082	0.0	148.243	5.622	0.0	1.958	0.0	0.0	1.901	0.0	0.0	2.109	0.0	0.0	2.077	0.0
145	7167	7168	SN	1	0.0	32.18	14.509	0.0	25.932	14.825	0.0	84.275	10.101	0.0	60.312	10.105	0.0	1.872	0.0	0.0	1.924	0.0	0.0	2.033	0.0	0.0	2.101	0.0
146	7167	7168	NS	1	0.0	25.893	13.745	0.0	32.202	15.66	0.0	355.946	14.231	0.0	71.684	13.978	0.0	1.947	0.0	0.0	1.909	0.0	0.0	2.11	0.0	0.0	2.077	0.0
147	7167	7168	SN	1	0.0	32.18	14.509	0.0	25.932	14.825	0.0	84.275	10.1	0.0	60.307	10.098	0.0	1.872	0.0	0.0	1.924	0.0	0.0	2.033	0.0	0.0	2.101	0.0
148	7167	7168	SN	1	0.0	25.739	8.5	0.0	28.099	8.508	0.0	63.786	2.097	0.0	40.601	2.423	0.0	1.861	0.0	0.0	1.946	0.0	0.0	2.031	0.0	0.0	2.077	0.0
149	7167	7168	SN	1	0.0	25.739	8.5	0.0	28.099	8.508	0.0	63.786	2.096	0.0	40.607	2.421	0.0	1.861	0.0	0.0	1.946	0.0	0.0	2.031	0.0	0.0	2.077	0.0
150	7168	7169	NS	1	0.0	27.217	10.403	0.0	26.941	10.618	0.0	146.967	6.029	0.0	134.472	5.592	0.0	1.957	0.0	0.0	1.901	0.0	0.0	2.109	0.0	0.0	2.076	0.0
151	7168	7169	SN	1	0.0	32.599	14.613	0.0	25.926	14.851	0.0	142.463	10.07	0.0	55.354	10.133	0.0	1.87	0.0	0.0	1.951	0.0	0.0	2.032	0.0	0.0	2.072	0.0
152	7168	7169	NS	1	0.0	25.904	13.631	0.0	35.241	15.717	0.0	152.09	14.198	0.0	73.322	13.963	0.0	1.942	0.0	0.0	1.907	0.0	0.0	2.109	0.0	0.0	2.077	0.0
153	7168	7169	SN	1	0.0	25.716	8.498	0.0	28.066	8.58	0.0	142.475	2.122	0.0	46.96	2.439	0.0	1.861	0.0	0.0	1.934	0.0	0.0	2.03	0.0	0.0	2.083	0.0
154	7168	7169	NS	1	0.0	25.904	13.631	0.0	35.246	15.717	0.0	152.073	14.206	0.0	73.344	13.97	0.0	1.941	0.0	0.0	1.907	0.0	0.0	2.109	0.0	0.0	2.077	0.0
155	7168	7169	NS	1	0.0	27.217	10.399	0.0	26.941	10.616	0.0	146.978	6.029	0.0	134.406	5.591	0.0	1.958	0.0	0.0	1.901	0.0	0.0	2.109	0.0	0.0	2.076	0.0
156	7168	7169	SN	1	0.0	25.716	8.498	0.0	28.099	8.575	0.0	142.463	2.122	0.0	46.966	2.43	0.0	1.861	0.0	0.0	1.934	0.0	0.0	2.031	0.0	0.0	2.083	0.0
157	7168	7169	SN	1	0.0	32.599	14.623	0.0	25.926	14.861	0.0	142.475	10.091	0.0	55.343	10.119	0.0	1.87	0.0	0.0	1.951	0.0	0.0	2.032	0.0	0.0	2.072	0.0
158	7169	7170	NS	1	0.0	27.228	10.377	0.0	26.941	10.618	0.0	355.048	5.986	0.0	129.9	5.545	0.0	1.958	0.0	0.0	1.9	0.0	0.0	2.11	0.0	0.0	2.076	0.0
159	7169	7170	NS	1	0.0	25.909	13.612	0.0	32.169	15.692	0.0	351.667	14.194	0.0	144.736	13.869	0.0	1.948	0.0	0.0	1.906	0.0	0.0	2.11	0.0	0.0	2.076	0.0
160	7169	7170	NS	1	0.0	25.909	13.622	0.0	32.169	15.702	0.0	351.661	14.187	0.0	144.692	13.897	0.0	1.949	0.0	0.0	1.906	0.0	0.0	2.11	0.0	0.0	2.076	0.0
161	7169	7170	NS	1	0.0	27.228	10.39	0.0	26.941	10.612	0.0	355.042	5.991	0.0	129.845	5.541	0.0	1.959	0.0	0.0	1.9	0.0	0.0	2.11	0.0	0.0	2.076	0.0

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