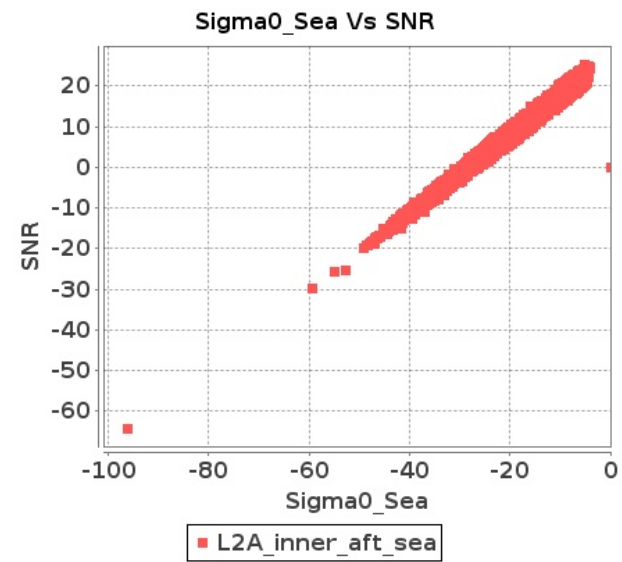


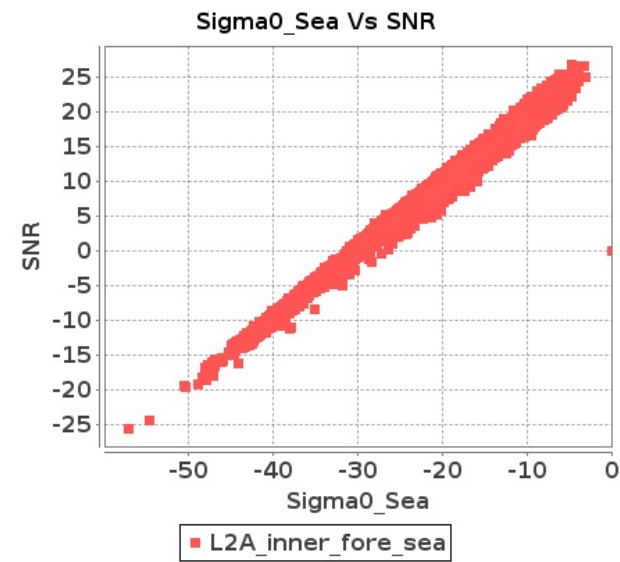
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 07-SEP-2017 To 08-SEP-2017

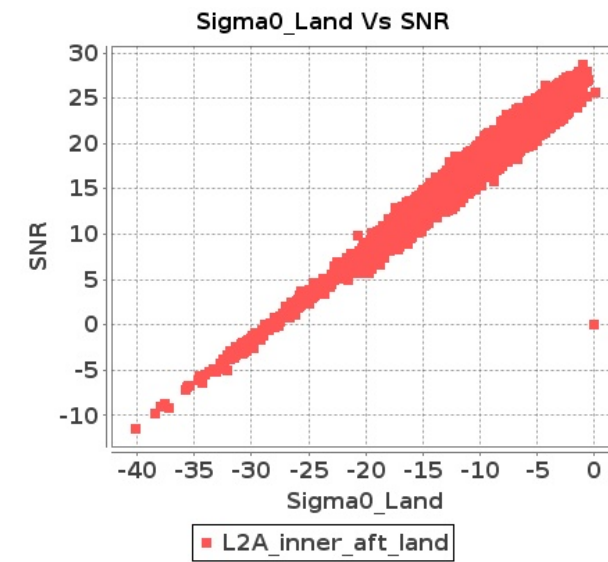
Inner Sea Aft Sigma0VsSNR



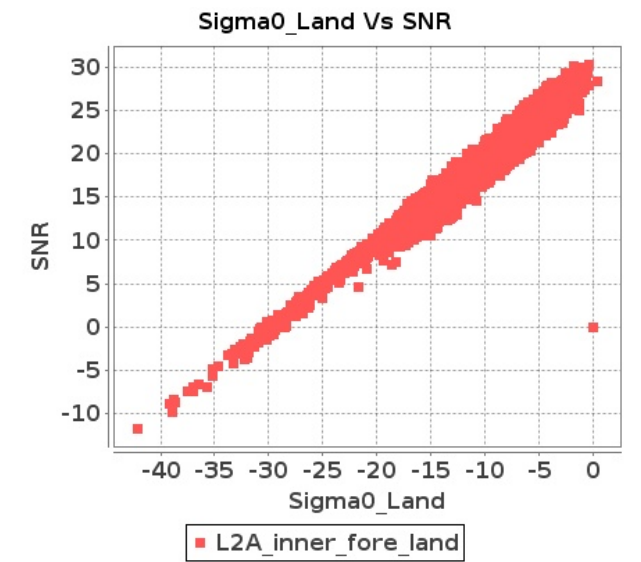
Inner Sea Fore Sigma0VsSNR



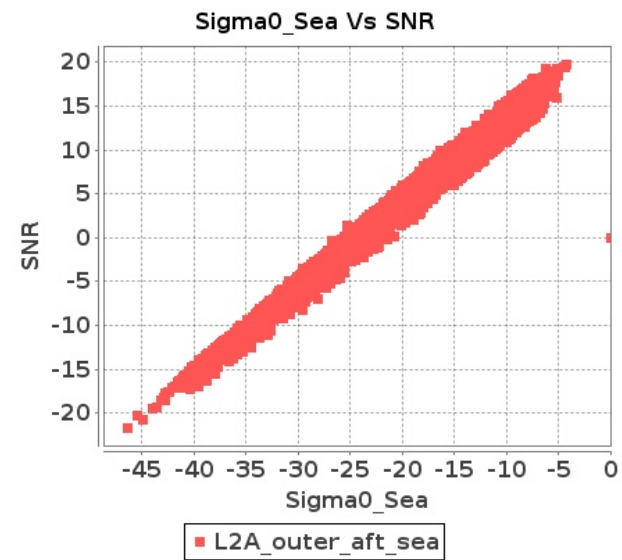
Inner Land Aft Sigma0VsSNR



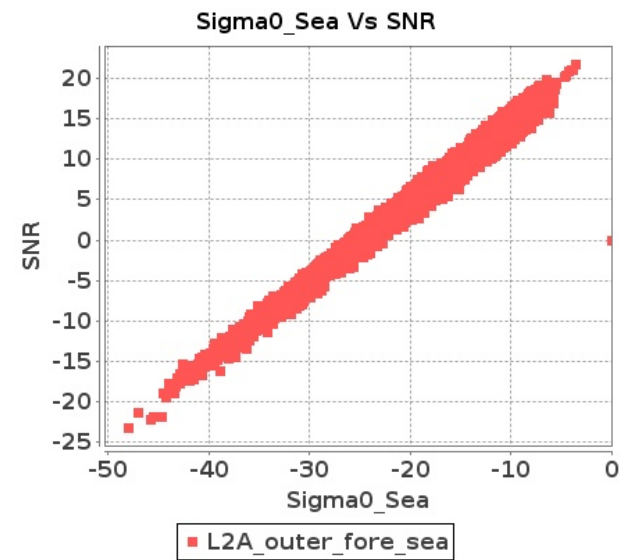
Inner Land Fore Sigma0VsSNR



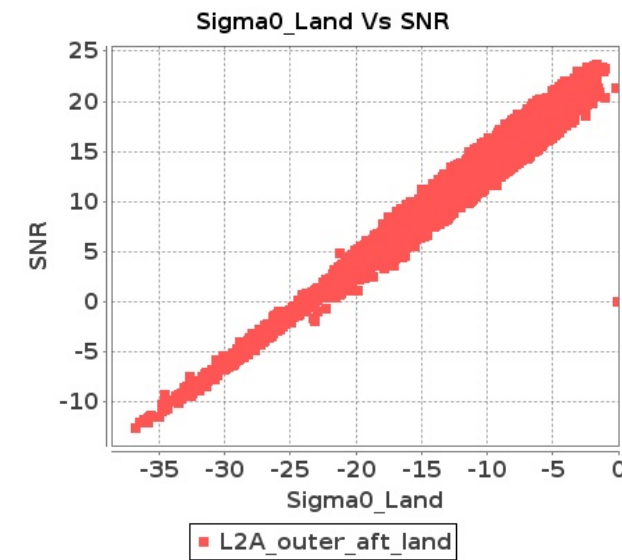
Outer Sea Aft Sigma0VsSNR



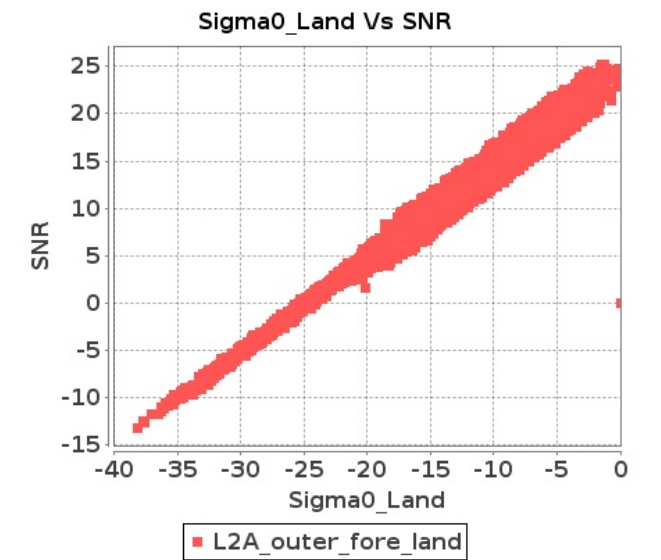
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 07-SEP-2017 To 08-SEP-2017

Sr No	Start Orbit	End Orbit	Dir.	Ver.	SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	5014	5015	NS	1	0.0	56.738	13.537	0.0	53.949	12.911	0.0	46.812	8.969	0.0	51.778	8.914	0.0	55.51	13.264	0.0	54.918	12.556	0.0	45.461	9.061	0.0	49.059	8.608
2	5014	5015	NS	1	0.0	52.426	4.238	0.0	56.227	4.139	0.0	44.892	2.662	0.0	47.201	2.549	0.0	48.595	4.108	0.0	52.996	3.89	0.0	45.433	2.618	0.0	43.843	2.407
3	5014	5015	SN	1	0.0	46.444	3.003	0.0	52.162	2.824	0.0	44.19	1.612	0.0	48.867	1.566	0.0	48.768	2.711	0.0	50.527	2.609	0.0	41.864	1.507	0.0	47.555	1.461
4	5014	5015	SN	1	0.0	46.444	3.003	0.0	52.162	2.824	0.0	44.19	1.612	0.0	48.867	1.566	0.0	48.768	2.711	0.0	50.527	2.609	0.0	41.864	1.507	0.0	47.555	1.461
5	5014	5015	SN	1	0.0	51.905	9.992	0.0	56.346	9.612	0.0	46.6	6.169	0.0	47.784	5.846	0.0	51.177	9.607	0.0	53.41	9.07	0.0	47.36	5.95	0.0	46.901	5.539
6	5014	5015	SN	1	0.0	46.444	3.066	0.0	52.162	2.885	0.0	44.19	1.651	0.0	48.867	1.601	0.0	48.768	2.772	0.0	50.527	2.67	0.0	41.864	1.543	0.0	47.555	1.496
7	5014	5015	SN	1	0.0	51.905	9.833	0.0	56.346	9.422	0.0	46.6	6.039	0.0	47.784	5.711	0.0	51.177	9.417	0.0	53.41	8.873	0.0	47.36	5.818	0.0	46.901	5.411
8	5014	5015	SN	1	0.0	51.905	9.833	0.0	56.346	9.422	0.0	46.6	6.039	0.0	47.784	5.711	0.0	51.177	9.417	0.0	53.41	8.873	0.0	47.36	5.818	0.0	46.901	5.411
9	5015	5016	NS	1	0.0	51.028	1.759	0.0	48.741	1.655	0.0	49.526	1.245	0.0	38.205	1.165	0.0	50.236	1.617	0.0	50.611	1.447	0.0	46.966	1.125	0.0	39.617	0.999
10	5015	5016	SN	1	0.0	40.692	1.726	0.0	44.999	1.591	0.0	43.019	1.198	0.0	38.596	1.239	0.0	42.476	1.703	0.0	45.852	1.552	0.0	40.552	1.166	0.0	36.612	1.191
11	5015	5016	NS	1	0.0	47.795	5.199	0.0	56.221	5.055	0.0	45.516	4.105	0.0	48.978	3.642	0.0	49.275	4.562	0.0	57.395	4.294	0.0	45.767	3.743	0.0	45.728	3.315
12	5015	5016	NS	1	0.0	50.377	5.109	0.0	57.923	4.598	0.0	46.968	4.027	0.0	44.527	3.778	0.0	46.056	4.573	0.0	57.285	4.151	0.0	46.068	3.51	0.0	44.605	3.422
13	5015	5016	SN	1	0.0	40.692	1.711	0.0	44.999	1.577	0.0	43.019	1.209	0.0	38.596	1.245	0.0	42.476	1.686	0.0	45.852	1.539	0.0	40.552	1.166	0.0	36.612	1.198
14	5015	5016	SN	1	0.0	51.029	5.347	0.0	50.974	4.658	0.0	44.75	3.899	0.0	42.365	3.828	0.0	50.496	5.306	0.0	51.287	4.586	0.0	45.349	3.956	0.0	41.073	3.647
15	5015	5016	SN	1	0.0	51.029	5.346	0.0	50.974	4.646	0.0	44.75	3.899	0.0	42.365	3.825	0.0	50.496	5.305	0.0	51.287	4.574	0.0	45.349	3.956	0.0	41.073	3.645
16	5015	5016	NS	1	0.0	52.731	1.794	0.0	49.583	1.546	0.0	40.538	1.273	0.0	44.184	1.132	0.0	50.737	1.634	0.0	47.293	1.411	0.0	40.101	1.096	0.0	45.207	0.965
17	5015	5016	SN	1	0.0	46.801	5.337	0.0	50.974	4.619	0.0	44.75	3.905	0.0	42.365	3.829	0.0	46.713	5.277	0.0	51.287	4.548	0.0	45.349	3.954	0.0	41.073	3.679
18	5015	5016	SN	1	0.0	40.692	1.726	0.0	44.999	1.591	0.0	43.019	1.198	0.0	38.596	1.239	0.0	42.476	1.703	0.0	45.852	1.552	0.0	40.552	1.166	0.0	36.612	1.191
19	5016	5017	NS	1	0.0	51.809	4.708	0.0	55.779	4.111	0.0	47.991	3.278	0.0	48.44	2.845	0.0	55.472	3.949	0.0	54.302	3.482	0.0	48.459	2.944	0.0	49.956	2.511
20	5016	5017	NS	1	0.0	39.651	1.593	0.0	44.294	1.305	0.0	47.02	1.145	0.0	38.271	1.02	0.0	39.453	1.298	0.0	46.247	1.095	0.0	48.833	1.011	0.0	37.424	0.823
21	5016	5017	SN	1	0.0	42.433	7.181	0.0	53.568	5.928	0.0	43.236	5.19	0.0	43.189	5.118	0.0	43.626	6.886	0.0	52.847	5.776	0.0	47.178	4.877	0.0	40.411	4.932
22	5016	5017	SN	1	0.0	42.433	7.168	0.0	53.568	5.969	0.0	43.236	5.134	0.0	43.189	5.147	0.0	43.626	6.88	0.0	52.847	5.834	0.0	47.178	4.794	0.0	40.411	4.973
23	5016	5017	SN	1	0.0	42.021	2.462	0.0	39.162	2.197	0.0	40.104	1.805	0.0	44.81	1.816	0.0	40.34	2.254	0.0	41.63	1.984	0.0	38.801	1.677	0.0	46.547	1.683
24	5016	5017	SN	1	0.0	42.021	2.475	0.0	39.162	2.223	0.0	40.104	1.782	0.0	44.81	1.833	0.0	40.34	2.261	0.0	41.63	2.005	0.0	38.801	1.654	0.0	46.547	1.7
25	5017	5018	NS	1	0.0	49.668	1.797	0.0	46.456	1.606	0.0	43.271	0.95	0.0	43.191	1.121	0.0	51.274	1.57	0.0	42.537	1.351	0.0	46.466	0.824	0.0	43.107	0.9
26	5017	5018	NS	1	0.0	58.237	6.135	0.0	55.808	5.501	0.0	45.5	3.817	0.0	47.575	3.941	0.0	55.552	5.498	0.0	55.983	4.689	0.0	45.911	3.434	0.0	46.679	3.379
27	5017	5018	NS	1	0.0	51.603	1.798	0.0	43.748	1.585	0.0	41.969	1.019	0.0	44.06	1.061	0.0	52.101	1.586	0.0	44.304	1.348	0.0	37.245	0.894	0.0	44.778	0.825
28	5017	5018	NS	1	0.0	49.363	6.113	0.0	55.574	5.279	0.0	49.19	3.788	0.0	47.337	3.813	0.0	50.664	5.485	0.0	54.803	4.589	0.0	47.276	3.511	0.0	45.553	3.386
29	5017	5018	SN	1	0.0	45.146	2.697	0.0	45.063	2.304	0.0	43.581	1.786	0.0	41.279	1.797	0.0	46.496	2.403	0.0	45.937	2.033	0.0	44.715	1.504	0.0	39.531	1.517
30	5017	5018	SN	1	0.0	45.146	2.67	0.0	45.063	2.265	0.0	43.581	1.789	0.0	41.279	1.756	0.0	46.496	2.383	0.0	45.937	1.995	0.0	44.715	1.514	0.0	39.531	1.482
31	5017	5018	SN	1	0.0	46.705	9.402	0.0	43.559	7.555	0.0	42.846	5.353	0.0	42.461	5.203	0.0	48.228	8.489	0.0	45.042	6.874	0.0	44.689	4.756	0.0	41.804	4.711

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

32	5017	5018	SN	1	0.0	46.705	9.402	0.0	43.559	7.555	0.0	42.846	5.353	0.0	42.461	5.203	0.0	48.228	8.489	0.0	45.042	6.874	0.0	44.689	4.756	0.0	41.804	4.711
33	5017	5018	SN	1	0.0	46.705	9.438	0.0	43.559	7.618	0.0	42.846	5.32	0.0	42.461	5.319	0.0	48.228	8.565	0.0	45.042	6.931	0.0	44.689	4.694	0.0	41.804	4.815
34	5017	5018	SN	1	0.0	45.146	2.67	0.0	45.063	2.265	0.0	43.581	1.789	0.0	41.279	1.756	0.0	46.496	2.383	0.0	45.937	1.995	0.0	44.715	1.514	0.0	39.531	1.482
35	5018	5019	SN	1	0.0	51.405	11.091	0.0	45.432	9.574	0.0	46.413	7.241	0.0	41.819	7.401	0.0	48.019	10.027	0.0	47.394	8.604	0.0	43.563	6.679	0.0	44.209	6.824
36	5018	5019	NS	1	0.0	48.372	5.224	0.0	49.993	4.385	0.0	44.139	3.568	0.0	42.465	3.542	0.0	46.831	4.536	0.0	52.773	3.898	0.0	45.878	3.199	0.0	41.846	3.101
37	5018	5019	SN	1	0.0	40.921	3.423	0.0	44.325	3.095	0.0	38.028	2.469	0.0	43.67	2.515	0.0	42.816	3.021	0.0	43.723	2.699	0.0	39.266	2.263	0.0	40.84	2.161
38	5018	5019	SN	1	0.0	47.092	3.513	0.0	45.364	3.038	0.0	36.682	2.463	0.0	43.158	2.513	0.0	46.726	3.048	0.0	44.751	2.712	0.0	34.227	2.197	0.0	43.482	2.145
39	5018	5019	NS	1	0.0	50.503	1.496	0.0	49.752	1.343	0.0	42.812	0.988	0.0	41.271	1.05	0.0	48.394	1.28	0.0	48.914	1.185	0.0	40.198	0.823	0.0	37.453	0.857
40	5018	5019	SN	1	0.0	45.881	3.505	0.0	44.325	3.155	0.0	38.028	2.523	0.0	43.67	2.595	0.0	47.823	3.102	0.0	43.723	2.77	0.0	36.886	2.312	0.0	40.84	2.23
41	5018	5019	NS	1	0.0	48.823	1.525	0.0	51.554	1.369	0.0	42.614	1.026	0.0	38.658	0.944	0.0	46.848	1.263	0.0	51.671	1.122	0.0	44.497	0.872	0.0	36.324	0.779
42	5018	5019	NS	1	0.0	53.297	5.161	0.0	48.519	4.487	0.0	46.61	3.525	0.0	45.415	3.628	0.0	54.237	4.544	0.0	52.773	3.888	0.0	45.804	3.199	0.0	43.836	3.137
43	5018	5019	SN	1	0.0	48.792	10.968	0.0	46.144	9.528	0.0	46.413	7.096	0.0	41.819	7.213	0.0	45.406	9.852	0.0	47.394	8.593	0.0	43.563	6.534	0.0	44.209	6.664
44	5018	5019	SN	1	0.0	52.306	11.09	0.0	44.9	9.477	0.0	42.023	7.004	0.0	46.224	7.27	0.0	48.893	10.045	0.0	47.661	8.501	0.0	41.24	6.527	0.0	45.553	6.671
45	5019	5020	SN	1	0.0	55.458	3.919	0.0	49.311	4.0	0.0	41.077	2.801	0.0	41.105	2.837	0.0	53.349	3.751	0.0	50.451	3.764	0.0	42.275	2.729	0.0	37.581	2.755
46	5019	5020	SN	1	0.0	54.354	12.026	0.0	53.427	11.796	0.0	41.206	8.453	0.0	44.724	9.131	0.0	53.349	11.865	0.0	51.98	11.528	0.0	41.214	8.43	0.0	44.587	8.898
47	5019	5020	SN	1	0.0	55.458	4.07	0.0	49.311	4.107	0.0	41.077	2.929	0.0	41.105	2.93	0.0	53.349	3.922	0.0	50.451	3.868	0.0	42.275	2.867	0.0	37.581	2.847
48	5019	5020	SN	1	0.0	54.354	11.703	0.0	53.427	11.806	0.0	41.206	8.112	0.0	44.762	8.933	0.0	53.349	11.52	0.0	51.98	11.562	0.0	41.214	8.062	0.0	44.587	8.676
49	5019	5020	SN	1	0.0	54.354	11.703	0.0	53.427	11.806	0.0	41.206	8.112	0.0	44.762	8.933	0.0	53.349	11.52	0.0	51.98	11.562	0.0	41.214	8.062	0.0	44.587	8.676
50	5019	5020	NS	1	0.0	49.425	6.608	0.0	55.228	5.645	0.0	46.132	4.745	0.0	50.384	4.567	0.0	51.525	5.586	0.0	53.591	4.873	0.0	44.723	4.113	0.0	47.595	4.041
51	5019	5020	NS	1	0.0	49.156	6.476	0.0	53.573	5.706	0.0	43.721	4.61	0.0	46.37	4.724	0.0	51.611	5.717	0.0	53.324	4.883	0.0	42.246	4.078	0.0	44.28	4.211
52	5019	5020	SN	1	0.0	55.458	3.919	0.0	49.311	4.0	0.0	41.077	2.801	0.0	41.105	2.837	0.0	53.349	3.751	0.0	50.451	3.764	0.0	42.275	2.729	0.0	37.581	2.755
53	5019	5020	NS	1	0.0	49.595	1.966	0.0	46.616	1.506	0.0	41.795	1.309	0.0	48.769	1.272	0.0	48.849	1.63	0.0	51.341	1.267	0.0	43.45	1.115	0.0	49.763	1.059
54	5019	5020	NS	1	0.0	47.742	2.009	0.0	47.163	1.513	0.0	40.875	1.302	0.0	44.778	1.318	0.0	47.152	1.702	0.0	51.889	1.249	0.0	41.034	1.132	0.0	44.699	1.079
55	5020	5021	SN	1	0.0	51.554	9.259	0.0	48.136	9.751	0.0	44.838	6.285	0.0	49.671	6.622	0.0	48.466	9.004	0.0	46.911	9.474	0.0	41.429	6.524	0.0	50.174	6.607
56	5020	5021	SN	1	0.0	43.413	3.05	0.0	51.025	2.898	0.0	41.593	1.834	0.0	45.643	2.197	0.0	44.911	2.851	0.0	51.564	2.842	0.0	42.299	1.756	0.0	44.887	2.161
57	5020	5021	SN	1	0.0	51.554	9.481	0.0	48.136	10.159	0.0	44.838	6.182	0.0	49.671	6.801	0.0	48.466	9.207	0.0	46.911	9.854	0.0	41.429	6.389	0.0	50.174	6.737
58	5020	5021	SN	1	0.0	51.554	9.461	0.0	48.136	10.169	0.0	44.838	6.197	0.0	49.671	6.787	0.0	48.466	9.187	0.0	46.911	9.874	0.0	41.429	6.403	0.0	50.174	6.737
59	5020	5021	SN	1	0.0	43.413	3.047	0.0	51.025	2.894	0.0	41.593	1.833	0.0	45.643	2.197	0.0	44.911	2.844	0.0	51.564	2.837	0.0	42.299	1.753	0.0	44.887	2.165
60	5020	5021	NS	1	0.0	46.272	7.434	0.0	49.326	6.894	0.0	43.276	5.409	0.0	45.022	5.346	0.0	43.851	6.777	0.0	45.108	6.153	0.0	40.677	4.977	0.0	43.815	4.912
61	5020	5021	SN	1	0.0	43.413	3.044	0.0	51.025	2.83	0.0	41.593	1.875	0.0	45.643	2.174	0.0	44.911	2.852	0.0	51.564	2.785	0.0	42.299	1.798	0.0	44.887	2.141
62	5020	5021	NS	1	0.0	52.081	2.632	0.0	45.903	2.094	0.0	38.817	1.925	0.0	41.56	1.691	0.0	47.218	2.184	0.0	46.928	1.816	0.0	37.442	1.681	0.0	38.728	1.499
63	5020	5021	NS	1	0.0	48.322	2.697	0.0	46.511	2.103	0.0	43.417	1.931	0.0	40.422	1.782	0.0	46.009	2.254	0.0	49.626	1.794	0.0	42.688	1.758	0.0	38.296	1.509
64	5020	5021	NS	1	0.0	50.582	7.62	0.0	46.862	6.731	0.0	45.995	5.453	0.0	40.869	5.62	0.0	52.517	6.719	0.0	46.828	6.061	0.0	45.806	5.063	0.0	43.091	5.001
65	5021	5022	SN	1	0.0	44.328	2.709	0.0	43.395	2.504	0.0	47.395	1.825	0.0	43.989	1.7	0.0	45.34	2.602	0.0	42.976	2.325	0.0	44.772	1.761	0.0	42.447	1.592
66	5021	5022	NS	1	0.0	48.112	6.698	0.0	49.925	6.079	0.0	42.741	4.985	0.0	40.53	4.283	0.0	47.563	6.314	0.0	52.646	5.582	0.0	41.503	4.553	0.0	39.775	4.005
67	5021	5022	SN	1	0.0	44.328	2.777	0.0	43.845	2.634	0.0	47.395	1.821	0.0	43.989	1.739	0.0	45.34	2.682	0.0	42.976	2.471	0.0	44.772	1.754	0.0	42.447	1.655

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

68	5021	5022	SN	1	0.0	44.328	2.775	0.0	43.845	2.634	0.0	47.395	1.821	0.0	43.989	1.739	0.0	45.34	2.68	0.0	42.976	2.471	0.0	44.772	1.752	0.0	42.447	1.655
69	5021	5022	SN	1	0.0	54.708	8.093	0.0	56.758	7.126	0.0	52.18	5.835	0.0	49.959	5.71	0.0	55.488	7.736	0.0	57.95	6.903	0.0	50.679	5.796	0.0	46.877	5.389
70	5021	5022	NS	1	0.0	42.999	2.137	0.0	54.357	1.709	0.0	40.084	1.474	0.0	41.74	1.518	0.0	45.401	1.854	0.0	51.655	1.44	0.0	37.898	1.401	0.0	38.999	1.329
71	5021	5022	NS	1	0.0	48.11	6.708	0.0	47.943	5.998	0.0	46.521	4.85	0.0	38.079	4.418	0.0	49.538	6.333	0.0	50.673	5.42	0.0	47.288	4.567	0.0	37.876	4.105
72	5021	5022	SN	1	0.0	54.708	8.16	0.0	56.758	7.692	0.0	52.18	6.004	0.0	49.959	6.103	0.0	55.488	7.876	0.0	57.95	7.448	0.0	50.679	5.94	0.0	46.877	5.818
73	5021	5022	NS	1	0.0	44.97	2.106	0.0	51.931	1.716	0.0	40.621	1.516	0.0	39.382	1.504	0.0	45.712	1.896	0.0	47.791	1.488	0.0	38.029	1.405	0.0	36.649	1.341
74	5021	5022	SN	1	0.0	54.708	8.16	0.0	56.758	7.692	0.0	52.18	6.004	0.0	49.959	6.103	0.0	55.488	7.886	0.0	57.95	7.448	0.0	50.679	5.94	0.0	46.877	5.818
75	5022	5023	NS	1	0.0	53.966	8.791	0.0	52.327	7.175	0.0	44.795	6.523	0.0	46.447	6.125	0.0	56.876	8.275	0.0	53.371	6.698	0.0	46.885	6.034	0.0	44.312	5.72
76	5022	5023	SN	1	0.0	49.872	3.837	0.0	48.591	3.287	0.0	41.09	3.493	0.0	42.329	3.187	0.0	50.153	3.167	0.0	44.665	2.757	0.0	43.43	3.23	0.0	42.587	2.98
77	5022	5023	SN	1	0.0	42.807	1.263	0.0	41.169	1.159	0.0	50.304	1.111	0.0	40.463	1.021	0.0	43.379	1.168	0.0	40.143	1.012	0.0	46.102	1.035	0.0	40.516	0.894
78	5022	5023	NS	1	0.0	47.513	2.827	0.0	48.285	2.368	0.0	43.854	1.815	0.0	47.431	1.646	0.0	44.901	2.525	0.0	48.779	2.192	0.0	45.105	1.684	0.0	43.157	1.444
79	5023	5024	SN	1	0.0	45.24	1.245	0.0	45.644	1.369	0.0	38.856	0.911	0.0	40.856	1.095	0.0	43.353	1.116	0.0	49.064	1.166	0.0	36.971	0.81	0.0	38.923	0.907
80	5023	5024	NS	1	0.0	48.545	2.616	0.0	42.83	2.246	0.0	50.22	1.761	0.0	40.281	1.699	0.0	47.411	2.465	0.0	43.746	2.048	0.0	54.878	1.703	0.0	41.871	1.602
81	5023	5024	NS	1	0.0	50.268	8.011	0.0	47.364	7.592	0.0	51.758	5.536	0.0	46.637	5.947	0.0	53.907	7.697	0.0	47.509	7.44	0.0	53.63	5.515	0.0	43.746	5.676
82	5023	5024	SN	1	0.0	51.56	4.456	0.0	52.169	4.436	0.0	43.081	3.045	0.0	40.72	3.33	0.0	52.755	3.959	0.0	51.841	4.111	0.0	43.409	2.689	0.0	42.254	3.016
83	5024	5025	NS	1	0.0	52.794	7.142	0.0	44.8	6.927	0.0	41.792	5.946	0.0	46.566	5.827	0.0	55.399	6.664	0.0	44.891	6.499	0.0	39.12	5.76	0.0	47.467	5.398
84	5024	5025	NS	1	0.0	41.351	2.663	0.0	42.922	2.467	0.0	42.304	1.943	0.0	45.746	1.744	0.0	41.311	2.452	0.0	42.684	2.285	0.0	39.054	1.804	0.0	44.215	1.622
85	5028	5029	SN	1	0.0	50.406	5.85	0.0	54.45	4.904	0.0	46.138	3.782	0.0	45.386	3.552	0.0	50.752	5.338	0.0	52.444	4.338	0.0	47.021	3.393	0.0	44.066	3.133
86	5028	5029	SN	1	0.0	49.558	1.596	0.0	51.393	1.421	0.0	43.508	1.039	0.0	45.121	0.954	0.0	49.991	1.404	0.0	46.359	1.265	0.0	42.785	0.923	0.0	43.84	0.825
87	5028	5029	SN	1	0.0	49.558	1.662	0.0	51.393	1.49	0.0	43.508	1.073	0.0	45.121	0.999	0.0	49.991	1.463	0.0	46.359	1.326	0.0	42.785	0.959	0.0	43.84	0.864
88	5028	5029	SN	1	0.0	50.406	5.675	0.0	54.45	4.698	0.0	46.138	3.671	0.0	45.386	3.393	0.0	50.752	5.116	0.0	52.444	4.159	0.0	47.021	3.287	0.0	44.066	2.987
89	5028	5029	SN	1	0.0	50.406	5.675	0.0	54.45	4.698	0.0	46.138	3.671	0.0	45.386	3.393	0.0	50.752	5.116	0.0	52.444	4.159	0.0	47.021	3.287	0.0	44.066	2.987
90	5028	5029	SN	1	0.0	49.558	1.596	0.0	51.393	1.421	0.0	43.508	1.039	0.0	45.121	0.954	0.0	49.991	1.404	0.0	46.359	1.265	0.0	42.785	0.923	0.0	43.84	0.825
91	5029	5030	SN	1	0.0	51.557	1.519	0.0	48.245	1.421	0.0	41.972	1.12	0.0	40.022	1.109	0.0	50.58	1.27	0.0	46.121	1.154	0.0	39.052	0.962	0.0	39.207	0.9
92	5029	5030	SN	1	0.0	53.539	4.503	0.0	43.169	4.185	0.0	43.621	3.886	0.0	44.88	3.331	0.0	54.79	3.998	0.0	44.081	3.534	0.0	42.408	3.272	0.0	44.955	3.012
93	5029	5030	SN	1	0.0	53.539	4.537	0.0	43.169	4.233	0.0	43.621	3.827	0.0	44.88	3.322	0.0	54.79	4.029	0.0	44.081	3.531	0.0	42.408	3.23	0.0	44.955	3.002
94	5029	5030	SN	1	0.0	53.539	4.537	0.0	43.169	4.233	0.0	43.621	3.827	0.0	44.88	3.322	0.0	54.79	4.029	0.0	44.081	3.531	0.0	42.408	3.23	0.0	44.955	3.002
95	5029	5030	NS	1	0.0	55.673	7.688	0.0	52.918	7.378	0.0	52.991	5.737	0.0	52.251	5.52	0.0	57.678	7.233	0.0	52.816	6.992	0.0	50.716	5.425	0.0	50.888	5.051
96	5029	5030	SN	1	0.0	51.557	1.526	0.0	48.245	1.43	0.0	41.972	1.136	0.0	40.022	1.107	0.0	50.58	1.285	0.0	46.121	1.164	0.0	39.052	0.975	0.0	39.207	0.904
97	5029	5030	SN	1	0.0	51.557	1.519	0.0	48.245	1.421	0.0	41.972	1.12	0.0	40.022	1.109	0.0	50.58	1.27	0.0	46.121	1.154	0.0	39.052	0.962	0.0	39.207	0.9
98	5029	5030	NS	1	0.0	54.074	2.551	0.0	53.761	2.328	0.0	40.118	1.732	0.0	39.894	1.719	0.0	50.509	2.306	0.0	52.465	2.142	0.0	39.999	1.594	0.0	41.702	1.6
99	5030	5031	NS	1	0.0	46.631	1.286	0.0	42.79	1.068	0.0	39.122	0.934	0.0	38.627	0.977	0.0	45.526	1.078	0.0	42.133	0.876	0.0	38.322	0.872	0.0	37.826	0.782
100	5030	5031	SN	1	0.0	46.175	5.656	0.0	46.045	4.978	0.0	40.378	3.784	0.0	48.893	3.77	0.0	45.401	5.316	0.0	48.483	4.514	0.0	40.4	3.423	0.0	46.93	3.553
101	5030	5031	NS	1	0.0	46.979	4.581	0.0	44.688	4.03	0.0	43.548	2.814	0.0	41.198	3.016	0.0	47.297	4.005	0.0	43.485	3.4	0.0	41.207	2.389	0.0	41.162	2.646
102	5030	5031	SN	1	0.0	44.376	1.901	0.0	47.102	1.534	0.0	36.997	1.186	0.0	41.469	1.212	0.0	41.851	1.749	0.0	46.006	1.415	0.0	36.513	1.135	0.0	40.075	1.076
103	5030	5031	SN	1	0.0	46.0	5.764	0.0	45.666	5.026	0.0	44.246	3.82	0.0	46.726	3.757	0.0	45.225	5.439	0.0	48.103	4.558	0.0	44.265	3.464	0.0	44.762	3.551

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

104	5030	5031	SN	1	0.0	44.376	1.91	0.0	47.102	1.521	0.0	36.997	1.198	0.0	41.469	1.216	0.0	41.851	1.765	0.0	46.006	1.401	0.0	36.513	1.143	0.0	40.075	1.081
105	5030	5031	NS	1	0.0	44.025	1.3	0.0	43.514	1.0	0.0	37.631	0.885	0.0	37.642	0.983	0.0	44.003	1.106	0.0	41.249	0.817	0.0	38.628	0.824	0.0	38.081	0.807
106	5030	5031	NS	1	0.0	48.738	4.765	0.0	46.718	3.816	0.0	43.127	2.886	0.0	48.624	3.137	0.0	49.671	4.229	0.0	44.375	3.359	0.0	43.112	2.723	0.0	47.527	2.554
107	5030	5031	SN	1	0.0	43.879	1.869	0.0	46.834	1.568	0.0	38.677	1.177	0.0	39.756	1.207	0.0	45.184	1.713	0.0	45.741	1.401	0.0	34.696	1.124	0.0	39.463	1.07
108	5030	5031	SN	1	0.0	46.0	5.706	0.0	45.666	5.058	0.0	44.246	3.805	0.0	46.726	3.753	0.0	45.225	5.398	0.0	48.103	4.585	0.0	44.265	3.459	0.0	44.762	3.53
109	5031	5032	NS	1	0.0	53.59	4.219	0.0	52.143	3.704	0.0	49.314	3.964	0.0	43.301	3.92	0.0	53.033	3.642	0.0	51.511	3.237	0.0	49.718	3.673	0.0	42.667	3.408
110	5031	5032	SN	1	0.0	39.051	2.31	0.0	45.042	1.838	0.0	42.476	1.795	0.0	37.583	1.501	0.0	38.717	2.102	0.0	46.165	1.591	0.0	41.731	1.548	0.0	36.533	1.339
111	5031	5032	SN	1	0.0	43.621	7.885	0.0	49.744	6.166	0.0	43.308	5.306	0.0	40.103	4.506	0.0	44.073	7.276	0.0	48.519	5.759	0.0	43.4	4.83	0.0	38.135	4.242
112	5031	5032	NS	1	0.0	43.681	1.59	0.0	40.634	1.366	0.0	43.828	1.265	0.0	40.151	1.215	0.0	43.809	1.385	0.0	41.212	1.23	0.0	46.085	1.15	0.0	41.675	1.075
113	5031	5032	SN	1	0.0	43.621	7.885	0.0	49.744	6.166	0.0	43.308	5.32	0.0	40.103	4.506	0.0	44.073	7.256	0.0	48.519	5.759	0.0	43.4	4.837	0.0	38.135	4.242
114	5031	5032	SN	1	0.0	39.051	2.312	0.0	45.042	1.838	0.0	42.476	1.795	0.0	37.583	1.501	0.0	38.717	2.104	0.0	46.165	1.591	0.0	41.731	1.545	0.0	36.533	1.339
115	5032	5033	SN	1	0.0	41.576	3.357	0.0	43.188	3.038	0.0	37.857	2.277	0.0	39.702	2.538	0.0	39.423	3.025	0.0	42.04	2.638	0.0	35.42	2.066	0.0	40.607	2.138
116	5032	5033	NS	1	0.0	48.758	1.271	0.0	38.243	0.993	0.0	41.453	0.781	0.0	43.103	0.713	0.0	47.289	1.138	0.0	40.919	0.978	0.0	43.01	0.685	0.0	45.336	0.594
117	5032	5033	NS	1	0.0	48.208	1.271	0.0	49.374	0.998	0.0	41.167	0.777	0.0	45.042	0.701	0.0	46.364	1.138	0.0	52.142	0.993	0.0	42.727	0.692	0.0	47.278	0.592
118	5032	5033	NS	1	0.0	47.145	4.1	0.0	50.516	3.38	0.0	43.313	3.0	0.0	51.433	2.724	0.0	47.336	3.654	0.0	50.242	3.025	0.0	43.519	2.575	0.0	47.66	2.276
119	5032	5033	SN	1	0.0	55.578	10.295	0.0	49.812	9.232	0.0	45.476	6.613	0.0	40.686	7.263	0.0	51.496	9.666	0.0	47.103	8.368	0.0	42.911	6.328	0.0	40.448	6.479
120	5032	5033	SN	1	0.0	55.578	10.295	0.0	49.812	9.232	0.0	45.476	6.613	0.0	40.686	7.263	0.0	51.496	9.666	0.0	47.103	8.368	0.0	42.911	6.328	0.0	40.448	6.479
121	5032	5033	NS	1	0.0	46.927	4.11	0.0	46.234	3.319	0.0	45.027	3.014	0.0	46.752	2.717	0.0	47.089	3.695	0.0	45.325	2.964	0.0	43.383	2.596	0.0	47.035	2.305
122	5032	5033	SN	1	0.0	41.576	3.357	0.0	43.188	3.038	0.0	37.857	2.277	0.0	39.702	2.538	0.0	39.423	3.025	0.0	42.04	2.638	0.0	35.42	2.066	0.0	40.607	2.138
123	5033	5034	NS	1	0.0	47.213	7.832	0.0	56.86	6.457	0.0	45.046	5.531	0.0	46.704	5.357	0.0	49.786	7.427	0.0	57.14	5.492	0.0	46.78	5.091	0.0	47.844	4.859
124	5033	5034	NS	1	0.0	49.419	2.585	0.0	43.369	2.037	0.0	37.908	1.755	0.0	46.905	1.673	0.0	49.257	2.283	0.0	42.566	1.777	0.0	38.966	1.589	0.0	42.199	1.389
125	5033	5034	SN	1	0.0	40.592	3.474	0.0	48.591	3.092	0.0	38.516	2.528	0.0	36.989	2.524	0.0	40.4	3.21	0.0	48.865	2.963	0.0	38.479	2.408	0.0	38.51	2.381
126	5033	5034	SN	1	0.0	40.592	3.474	0.0	48.591	3.093	0.0	38.516	2.515	0.0	36.989	2.529	0.0	40.4	3.208	0.0	48.865	2.961	0.0	38.479	2.396	0.0	38.51	2.392
127	5033	5034	NS	1	0.0	47.818	7.913	0.0	47.875	6.457	0.0	42.218	5.509	0.0	43.698	5.45	0.0	49.349	7.386	0.0	47.173	5.503	0.0	41.961	5.098	0.0	46.657	4.888
128	5033	5034	SN	1	0.0	40.592	3.474	0.0	48.591	3.093	0.0	38.516	2.515	0.0	36.989	2.529	0.0	40.4	3.208	0.0	48.865	2.961	0.0	38.479	2.396	0.0	38.51	2.392
129	5033	5034	NS	1	0.0	46.186	2.587	0.0	48.746	2.026	0.0	39.337	1.76	0.0	42.83	1.687	0.0	48.221	2.272	0.0	44.851	1.75	0.0	43.498	1.599	0.0	43.333	1.418
130	5033	5034	SN	1	0.0	46.19	10.857	0.0	41.792	9.453	0.0	39.739	7.697	0.0	43.808	7.544	0.0	47.204	10.174	0.0	42.539	9.239	0.0	41.989	7.604	0.0	42.434	7.3
131	5033	5034	SN	1	0.0	46.19	10.853	0.0	41.792	9.456	0.0	39.739	7.665	0.0	43.808	7.541	0.0	47.204	10.194	0.0	42.539	9.222	0.0	41.989	7.565	0.0	42.434	7.292
132	5033	5034	SN	1	0.0	46.19	10.853	0.0	41.792	9.456	0.0	39.739	7.665	0.0	43.808	7.541	0.0	47.204	10.194	0.0	42.539	9.222	0.0	41.989	7.565	0.0	42.434	7.292
133	5034	5035	NS	1	0.0	45.584	2.34	0.0	42.765	1.762	0.0	42.787	1.689	0.0	46.834	1.503	0.0	47.291	1.946	0.0	42.356	1.509	0.0	38.826	1.481	0.0	48.134	1.272
134	5034	5035	SN	1	0.0	49.948	9.496	0.0	51.676	9.791	0.0	44.461	6.58	0.0	43.616	6.418	0.0	50.33	9.203	0.0	52.004	9.038	0.0	41.94	6.272	0.0	43.136	6.366
135	5034	5035	SN	1	0.0	50.805	9.671	0.0	51.676	10.198	0.0	44.461	6.522	0.0	43.616	6.629	0.0	51.512	9.357	0.0	52.004	9.558	0.0	41.94	6.187	0.0	43.136	6.643
136	5034	5035	NS	1	0.0	50.885	7.133	0.0	52.997	6.041	0.0	46.469	5.098	0.0	44.107	4.845	0.0	51.537	6.384	0.0	54.758	5.34	0.0	46.205	4.566	0.0	43.882	4.112
137	5034	5035	NS	1	0.0	45.65	2.163	0.0	46.865	1.732	0.0	46.433	1.557	0.0	42.9	1.477	0.0	47.838	1.838	0.0	48.681	1.438	0.0	42.581	1.379	0.0	41.201	1.272
138	5034	5035	SN	1	0.0	52.875	2.994	0.0	47.33	2.821	0.0	42.293	1.884	0.0	51.614	2.165	0.0	54.685	2.773	0.0	49.786	2.672	0.0	39.987	1.772	0.0	50.493	2.046
139	5034	5035	SN	1	0.0	52.875	3.007	0.0	47.33	2.747	0.0	42.293	1.915	0.0	51.614	2.108	0.0	54.685	2.795	0.0	49.786	2.582	0.0	39.987	1.798	0.0	50.493	1.972

Parameter Specifications	Parameters	SNR	Sigma0	Normal	Deviations
	Range	20.0	20.0		

140	5034	5035	NS	1	0.0	53.048	6.762	0.0	50.647	5.928	0.0	45.909	5.22	0.0	46.62	4.766	0.0	55.635	6.306	0.0	53.381	5.268	0.0	42.115	4.78	0.0	46.223	4.147
141	5035	5036	NS	1	0.0	44.021	2.59	0.0	46.382	2.279	0.0	37.53	1.797	0.0	40.097	1.64	0.0	41.863	2.34	0.0	43.594	2.109	0.0	36.612	1.583	0.0	40.969	1.506
142	5035	5036	NS	1	0.0	44.021	2.59	0.0	46.382	2.279	0.0	37.53	1.797	0.0	40.097	1.64	0.0	41.863	2.34	0.0	43.594	2.109	0.0	36.612	1.583	0.0	40.969	1.506
143	5035	5036	SN	1	0.0	46.387	3.582	0.0	55.489	3.664	0.0	45.418	2.142	0.0	40.746	2.086	0.0	47.37	3.354	0.0	53.07	3.469	0.0	45.985	2.064	0.0	43.068	1.942
144	5035	5036	NS	1	0.0	53.039	8.103	0.0	45.29	7.086	0.0	47.007	5.743	0.0	45.273	5.087	0.0	50.009	7.365	0.0	45.395	6.802	0.0	43.628	5.552	0.0	42.65	4.738
145	5035	5036	SN	1	0.0	46.387	3.601	0.0	55.489	3.672	0.0	45.418	2.08	0.0	40.746	2.129	0.0	47.37	3.407	0.0	53.07	3.471	0.0	45.985	2.006	0.0	43.068	1.966
146	5035	5036	SN	1	0.0	46.387	3.601	0.0	55.489	3.672	0.0	45.418	2.08	0.0	40.746	2.129	0.0	47.37	3.407	0.0	53.07	3.471	0.0	45.985	2.006	0.0	43.068	1.966
147	5035	5036	NS	1	0.0	53.039	8.103	0.0	45.29	7.086	0.0	47.007	5.743	0.0	45.273	5.087	0.0	50.009	7.365	0.0	45.395	6.802	0.0	43.628	5.552	0.0	42.65	4.738
148	5035	5036	SN	1	0.0	52.541	10.965	0.0	51.272	11.298	0.0	50.134	7.28	0.0	46.888	7.386	0.0	53.752	10.65	0.0	53.048	11.033	0.0	46.598	7.138	0.0	46.359	7.329
149	5035	5036	SN	1	0.0	50.544	10.923	0.0	51.272	11.086	0.0	50.134	7.363	0.0	46.888	7.194	0.0	49.977	10.556	0.0	50.148	10.786	0.0	46.598	7.23	0.0	46.359	7.139
150	5035	5036	SN	1	0.0	52.541	10.965	0.0	51.272	11.298	0.0	50.134	7.28	0.0	46.888	7.386	0.0	53.752	10.65	0.0	53.048	11.033	0.0	46.598	7.138	0.0	46.359	7.329
151	5036	5037	NS	1	0.0	50.92	7.462	0.0	49.504	5.787	0.0	49.933	5.225	0.0	48.993	5.069	0.0	51.368	6.704	0.0	50.334	5.198	0.0	48.877	4.913	0.0	50.698	4.684
152	5036	5037	NS	1	0.0	53.924	2.473	0.0	51.944	1.888	0.0	42.716	1.599	0.0	42.216	1.554	0.0	52.153	2.178	0.0	52.569	1.764	0.0	42.317	1.498	0.0	41.424	1.354
153	5036	5037	SN	1	0.0	48.061	6.381	0.0	57.61	6.539	0.0	48.443	5.603	0.0	54.352	5.582	0.0	50.035	5.772	0.0	61.649	5.949	0.0	45.605	5.382	0.0	52.378	5.611
154	5036	5037	SN	1	0.0	48.061	6.381	0.0	57.61	6.539	0.0	48.443	5.603	0.0	54.352	5.582	0.0	50.035	5.772	0.0	61.649	5.949	0.0	45.605	5.382	0.0	52.378	5.611
155	5036	5037	NS	1	0.0	49.006	2.346	0.0	51.903	1.999	0.0	48.614	1.615	0.0	43.361	1.548	0.0	48.344	2.11	0.0	50.467	1.774	0.0	43.751	1.5	0.0	40.99	1.358
156	5036	5037	SN	1	0.0	45.202	2.162	0.0	50.234	2.441	0.0	45.635	1.723	0.0	40.053	1.76	0.0	43.006	2.027	0.0	49.766	2.29	0.0	43.71	1.649	0.0	40.044	1.682
157	5036	5037	SN	1	0.0	45.202	2.162	0.0	50.234	2.441	0.0	45.635	1.723	0.0	40.053	1.76	0.0	43.006	2.027	0.0	49.766	2.29	0.0	43.71	1.649	0.0	40.044	1.682
158	5036	5037	NS	1	0.0	50.873	7.315	0.0	51.857	5.919	0.0	49.722	5.325	0.0	48.761	5.058	0.0	55.376	6.607	0.0	50.711	5.442	0.0	48.158	5.084	0.0	50.698	4.582
159	5037	5038	NS	1	0.0	50.537	2.627	0.0	49.309	2.238	0.0	48.65	1.585	0.0	46.924	1.471	0.0	50.294	2.391	0.0	48.936	2.114	0.0	49.27	1.521	0.0	45.577	1.353
160	5037	5038	SN	1	0.0	50.361	4.558	0.0	46.639	3.742	0.0	44.851	2.746	0.0	46.418	2.909	0.0	52.184	3.827	0.0	46.142	3.427	0.0	42.985	2.526	0.0	44.078	2.752
161	5037	5038	NS	1	0.0	52.412	7.735	0.0	50.092	7.432	0.0	43.46	5.097	0.0	50.011	5.062	0.0	52.875	7.331	0.0	50.664	6.843	0.0	44.599	4.92	0.0	48.966	4.755
162	5037	5038	NS	1	0.0	50.537	2.627	0.0	49.309	2.238	0.0	48.65	1.585	0.0	46.924	1.471	0.0	50.294	2.391	0.0	48.936	2.114	0.0	49.27	1.521	0.0	45.577	1.353
163	5037	5038	NS	1	0.0	52.412	7.735	0.0	50.092	7.432	0.0	43.46	5.097	0.0	50.011	5.062	0.0	52.875	7.331	0.0	50.664	6.843	0.0	44.599	4.92	0.0	48.966	4.755
164	5037	5038	SN	1	0.0	50.689	1.436	0.0	41.361	1.118	0.0	39.091	0.902	0.0	45.862	0.91	0.0	47.958	1.228	0.0	41.256	0.98	0.0	38.345	0.803	0.0	46.045	0.851
165	5038	5039	NS	1	0.0	43.63	5.239	0.0	47.439	4.801	0.0	46.031	3.345	0.0	49.36	3.493	0.0	42.898	4.844	0.0	47.288	4.557	0.0	44.1	2.998	0.0	49.883	3.173
166	5038	5039	NS	1	0.0	44.377	1.646	0.0	48.037	1.412	0.0	41.322	1.123	0.0	41.039	1.079	0.0	49.461	1.416	0.0	45.951	1.236	0.0	40.481	0.946	0.0	42.16	0.914

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	5014	5015	NS	1	0.0	26.715	14.104	0.0	36.079	15.55	0.0	146.509	14.202	0.0	80.453	14.207	0.0	1.916	0.0	0.0	1.936	0.0	0.0	2.059	0.0	0.0	2.068	0.0
2	5014	5015	NS	1	0.0	24.878	9.983	0.0	24.514	10.321	0.0	352.025	4.334	0.0	138.691	4.385	0.0	1.904	0.0	0.0	1.91	0.0	0.0	2.057	0.0	0.0	2.066	0.0
3	5014	5015	SN	1	0.0	24.729	9.203	0.0	27.222	8.737	0.0	127.816	2.929	0.0	49.817	2.598	0.0	1.901	0.0	0.0	1.934	0.0	0.0	2.036	0.0	0.0	2.048	0.0
4	5014	5015	SN	1	0.0	24.729	9.203	0.0	27.222	8.737	0.0	127.816	2.929	0.0	49.817	2.598	0.0	1.901	0.0	0.0	1.934	0.0	0.0	2.036	0.0	0.0	2.048	0.0
5	5014	5015	SN	1	0.0	33.471	15.221	0.0	24.79	14.735	0.0	126.751	12.192	0.0	17.301	11.845	0.0	1.907	0.0	0.0	1.949	0.0	0.0	2.038	0.0	0.0	2.032	0.0
6	5014	5015	SN	1	0.0	24.729	9.274	0.0	27.222	8.737	0.0	127.816	3.001	0.0	12.657	2.484	0.0	1.901	0.0	0.0	1.934	0.0	0.0	2.036	0.0	0.0	2.048	0.0
7	5014	5015	SN	1	0.0	33.471	15.221	0.0	24.79	14.947	0.0	126.751	11.971	0.0	36.449	12.263	0.0	1.907	0.0	0.0	1.949	0.0	0.0	2.038	0.0	0.0	2.032	0.0
8	5014	5015	SN	1	0.0	33.471	15.221	0.0	24.79	14.947	0.0	126.751	11.971	0.0	36.449	12.263	0.0	1.907	0.0	0.0	1.949	0.0	0.0	2.038	0.0	0.0	2.032	0.0
9	5015	5016	NS	1	0.0	24.873	9.959	0.0	24.409	10.308	0.0	352.45	4.308	0.0	137.257	4.353	0.0	1.901	0.0	0.0	1.91	0.0	0.0	2.057	0.0	0.0	2.064	0.0
10	5015	5016	SN	1	0.0	24.729	9.259	0.0	27.211	8.754	0.0	122.24	2.977	0.0	13.164	2.536	0.0	1.898	0.0	0.0	1.935	0.0	0.0	2.036	0.0	0.0	2.048	0.0
11	5015	5016	NS	1	0.0	26.251	14.089	0.0	33.244	15.611	0.0	137.784	14.194	0.0	78.059	14.205	0.0	1.911	0.0	0.0	1.928	0.0	0.0	2.057	0.0	0.0	2.068	0.0
12	5015	5016	NS	1	0.0	26.251	14.073	0.0	33.112	15.579	0.0	149.002	14.166	0.0	82.162	14.207	0.0	1.913	0.0	0.0	1.911	0.0	0.0	2.058	0.0	0.0	2.067	0.0
13	5015	5016	SN	1	0.0	24.729	9.228	0.0	27.211	8.758	0.0	122.24	2.938	0.0	57.61	2.608	0.0	1.898	0.0	0.0	1.935	0.0	0.0	2.036	0.0	0.0	2.048	0.0
14	5015	5016	SN	1	0.0	33.553	15.157	0.0	24.784	14.82	0.0	124.689	11.978	0.0	19.711	12.097	0.0	1.907	0.0	0.0	1.954	0.0	0.0	2.04	0.0	0.0	2.034	0.0
15	5015	5016	SN	1	0.0	33.553	15.155	0.0	24.784	14.844	0.0	124.689	11.978	0.0	21.222	12.138	0.0	1.907	0.0	0.0	1.954	0.0	0.0	2.04	0.0	0.0	2.034	0.0
16	5015	5016	NS	1	0.0	24.895	9.985	0.0	26.174	10.295	0.0	352.296	4.31	0.0	69.544	4.36	0.0	1.908	0.0	0.0	1.918	0.0	0.0	2.055	0.0	0.0	2.065	0.0
17	5015	5016	SN	1	0.0	33.553	15.16	0.0	24.784	14.917	0.0	124.689	11.871	0.0	37.05	12.32	0.0	1.907	0.0	0.0	1.954	0.0	0.0	2.04	0.0	0.0	2.034	0.0
18	5015	5016	SN	1	0.0	24.729	9.259	0.0	27.211	8.754	0.0	122.24	2.977	0.0	13.164	2.536	0.0	1.898	0.0	0.0	1.935	0.0	0.0	2.036	0.0	0.0	2.048	0.0
19	5016	5017	NS	1	0.0	26.472	14.144	0.0	33.244	15.611	0.0	141.639	14.196	0.0	72.588	14.22	0.0	1.902	0.0	0.0	1.909	0.0	0.0	2.058	0.0	0.0	2.067	0.0
20	5016	5017	NS	1	0.0	24.9	9.994	0.0	24.409	10.245	0.0	136.201	4.292	0.0	65.739	4.319	0.0	1.905	0.0	0.0	1.914	0.0	0.0	2.054	0.0	0.0	2.064	0.0
21	5016	5017	SN	1	0.0	33.493	15.162	0.0	24.784	14.887	0.0	130.656	11.83	0.0	37.083	12.388	0.0	1.908	0.0	0.0	1.946	0.0	0.0	2.041	0.0	0.0	2.063	0.0
22	5016	5017	SN	1	0.0	33.493	15.16	0.0	24.784	14.725	0.0	130.656	11.957	0.0	19.44	12.125	0.0	1.908	0.0	0.0	1.946	0.0	0.0	2.041	0.0	0.0	2.063	0.0
23	5016	5017	SN	1	0.0	24.74	9.207	0.0	27.217	8.766	0.0	147.554	2.938	0.0	56.733	2.639	0.0	1.9	0.0	0.0	1.932	0.0	0.0	2.037	0.0	0.0	2.044	0.0
24	5016	5017	SN	1	0.0	24.74	9.25	0.0	27.217	8.759	0.0	147.554	2.983	0.0	12.949	2.562	0.0	1.9	0.0	0.0	1.932	0.0	0.0	2.037	0.0	0.0	2.044	0.0
25	5017	5018	NS	1	0.0	24.895	9.974	0.0	24.371	10.245	0.0	149.867	4.297	0.0	62.071	4.308	0.0	1.91	0.0	0.0	1.914	0.0	0.0	2.058	0.0	0.0	2.074	0.0
26	5017	5018	NS	1	0.0	26.478	14.124	0.0	33.255	15.601	0.0	155.598	14.188	0.0	78.55	14.213	0.0	1.912	0.0	0.0	1.917	0.0	0.0	2.056	0.0	0.0	2.075	0.0
27	5017	5018	NS	1	0.0	24.917	9.99	0.0	24.31	10.238	0.0	149.867	4.287	0.0	66.798	4.31	0.0	1.905	0.0	0.0	1.918	0.0	0.0	2.056	0.0	0.0	2.072	0.0
28	5017	5018	NS	1	0.0	26.472	14.098	0.0	33.255	15.553	0.0	162.282	14.143	0.0	76.752	14.222	0.0	1.909	0.0	0.0	1.943	0.0	0.0	2.057	0.0	0.0	2.079	0.0
29	5017	5018	SN	1	0.0	24.729	9.243	0.0	27.222	8.774	0.0	119.46	2.985	0.0	12.866	2.529	0.0	1.9	0.0	0.0	1.932	0.0	0.0	2.036	0.0	0.0	2.044	0.0
30	5017	5018	SN	1	0.0	24.729	9.182	0.0	27.222	8.78	0.0	119.46	2.914	0.0	62.926	2.65	0.0	1.9	0.0	0.0	1.932	0.0	0.0	2.036	0.0	0.0	2.044	0.0
31	5017	5018	SN	1	0.0	33.393	15.223	0.0	24.79	14.887	0.0	133.16	11.759	0.0	52.376	12.423	0.0	1.907	0.0	0.0	1.947	0.0	0.0	2.038	0.0	0.0	2.062	0.0

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

32	5017	5018	SN	1	0.0	33.393	15.223	0.0	24.79	14.887	0.0	133.16	11.759	0.0	52.376	12.423	0.0	1.907	0.0	0.0	1.947	0.0	0.0	2.038	0.0	0.0	2.062	0.0
33	5017	5018	SN	1	0.0	33.393	15.206	0.0	24.79	14.663	0.0	133.16	11.96	0.0	17.35	12.024	0.0	1.907	0.0	0.0	1.947	0.0	0.0	2.038	0.0	0.0	2.062	0.0
34	5017	5018	SN	1	0.0	24.729	9.182	0.0	27.222	8.78	0.0	119.46	2.914	0.0	62.926	2.65	0.0	1.9	0.0	0.0	1.932	0.0	0.0	2.036	0.0	0.0	2.044	0.0
35	5018	5019	SN	1	0.0	33.531	15.157	0.0	63.949	14.572	0.0	131.582	12.007	0.0	15.266	11.859	0.0	1.907	0.0	0.0	1.96	0.0	0.0	2.039	0.0	0.0	2.061	0.0
36	5018	5019	NS	1	0.0	26.731	14.154	0.0	33.239	15.601	0.0	175.391	14.244	0.0	84.672	14.191	0.0	1.901	0.0	0.0	1.912	0.0	0.0	2.06	0.0	0.0	2.069	0.0
37	5018	5019	SN	1	0.0	24.724	9.213	0.0	271.319	8.776	0.0	146.716	2.884	0.0	64.669	2.673	0.0	1.9	0.0	0.0	1.932	0.0	0.0	2.036	0.0	0.0	2.043	0.0
38	5018	5019	SN	1	0.0	24.724	9.2	0.0	27.222	8.777	0.0	146.859	2.879	0.0	65.281	2.676	0.0	1.9	0.0	0.0	1.932	0.0	0.0	2.036	0.0	0.0	2.043	0.0
39	5018	5019	NS	1	0.0	24.906	9.978	0.0	26.251	10.256	0.0	169.903	4.311	0.0	70.018	4.345	0.0	1.901	0.0	0.0	1.91	0.0	0.0	2.055	0.0	0.0	2.066	0.0
40	5018	5019	SN	1	0.0	24.724	9.305	0.0	271.319	8.768	0.0	146.716	2.993	0.0	11.725	2.522	0.0	1.9	0.0	0.0	1.932	0.0	0.0	2.036	0.0	0.0	2.043	0.0
41	5018	5019	NS	1	0.0	24.889	9.967	0.0	24.376	10.269	0.0	177.437	4.313	0.0	69.439	4.344	0.0	1.91	0.0	0.0	1.91	0.0	0.0	2.057	0.0	0.0	2.066	0.0
42	5018	5019	NS	1	0.0	26.72	14.148	0.0	33.239	15.563	0.0	175.391	14.178	0.0	82.582	14.215	0.0	1.908	0.0	0.0	1.928	0.0	0.0	2.06	0.0	0.0	2.069	0.0
43	5018	5019	SN	1	0.0	33.531	15.189	0.0	63.949	14.887	0.0	131.582	11.682	0.0	38.346	12.409	0.0	1.907	0.0	0.0	1.96	0.0	0.0	2.039	0.0	0.0	2.061	0.0
44	5018	5019	SN	1	0.0	33.526	15.158	0.0	117.053	14.887	0.0	131.698	11.761	0.0	38.346	12.381	0.0	1.908	0.0	0.0	1.955	0.0	0.0	2.039	0.0	0.0	2.061	0.0
45	5019	5020	SN	1	0.0	24.751	9.179	0.0	27.205	8.794	0.0	148.227	2.842	0.0	39.747	2.655	0.0	1.897	0.0	0.0	1.933	0.0	0.0	2.036	0.0	0.0	2.039	0.0
46	5019	5020	SN	1	0.0	33.3	15.228	0.0	24.795	14.506	0.0	148.227	12.202	0.0	13.048	11.768	0.0	1.907	0.0	0.0	1.959	0.0	0.0	2.038	0.0	0.0	2.049	0.0
47	5019	5020	SN	1	0.0	24.751	9.332	0.0	27.205	8.777	0.0	148.227	3.004	0.0	11.725	2.51	0.0	1.897	0.0	0.0	1.933	0.0	0.0	2.036	0.0	0.0	2.039	0.0
48	5019	5020	SN	1	0.0	33.3	15.191	0.0	24.795	14.877	0.0	148.227	11.716	0.0	54.841	12.419	0.0	1.907	0.0	0.0	1.959	0.0	0.0	2.038	0.0	0.0	2.049	0.0
49	5019	5020	SN	1	0.0	33.3	15.191	0.0	24.795	14.877	0.0	148.227	11.716	0.0	54.841	12.419	0.0	1.907	0.0	0.0	1.959	0.0	0.0	2.038	0.0	0.0	2.049	0.0
50	5019	5020	NS	1	0.0	26.483	14.117	0.0	33.217	15.553	0.0	353.299	14.156	0.0	75.131	14.228	0.0	1.91	0.0	0.0	1.916	0.0	0.0	2.06	0.0	0.0	2.068	0.0
51	5019	5020	NS	1	0.0	26.472	14.117	0.0	33.217	15.553	0.0	353.288	14.143	0.0	75.015	14.192	0.0	1.911	0.0	0.0	1.928	0.0	0.0	2.06	0.0	0.0	2.068	0.0
52	5019	5020	SN	1	0.0	24.751	9.179	0.0	27.205	8.794	0.0	148.227	2.842	0.0	39.747	2.655	0.0	1.897	0.0	0.0	1.933	0.0	0.0	2.036	0.0	0.0	2.039	0.0
53	5019	5020	NS	1	0.0	24.889	9.967	0.0	24.371	10.308	0.0	353.299	4.329	0.0	132.752	4.342	0.0	1.909	0.0	0.0	1.917	0.0	0.0	2.055	0.0	0.0	2.066	0.0
54	5019	5020	NS	1	0.0	24.884	9.96	0.0	24.476	10.315	0.0	353.288	4.333	0.0	132.448	4.351	0.0	1.904	0.0	0.0	1.913	0.0	0.0	2.057	0.0	0.0	2.066	0.0
55	5020	5021	SN	1	0.0	33.316	15.209	0.0	24.784	14.493	0.0	132.41	12.19	0.0	13.098	11.742	0.0	1.906	0.0	0.0	1.961	0.0	0.0	2.038	0.0	0.0	2.049	0.0
56	5020	5021	SN	1	0.0	24.724	9.187	0.0	27.217	8.785	0.0	133.529	2.82	0.0	52.343	2.652	0.0	1.898	0.0	0.0	1.933	0.0	0.0	2.036	0.0	0.0	2.045	0.0
57	5020	5021	SN	1	0.0	33.316	15.217	0.0	24.784	14.857	0.0	132.41	11.774	0.0	55.746	12.383	0.0	1.906	0.0	0.0	1.961	0.0	0.0	2.038	0.0	0.0	2.049	0.0
58	5020	5021	SN	1	0.0	33.316	15.217	0.0	24.784	14.857	0.0	132.41	11.774	0.0	55.779	12.383	0.0	1.906	0.0	0.0	1.961	0.0	0.0	2.038	0.0	0.0	2.049	0.0
59	5020	5021	SN	1	0.0	24.724	9.187	0.0	27.217	8.785	0.0	133.529	2.82	0.0	53.01	2.652	0.0	1.898	0.0	0.0	1.933	0.0	0.0	2.036	0.0	0.0	2.045	0.0
60	5020	5021	NS	1	0.0	26.494	14.099	0.0	33.25	15.545	0.0	162.017	14.243	0.0	72.699	14.231	0.0	1.91	0.0	0.0	1.913	0.0	0.0	2.059	0.0	0.0	2.069	0.0
61	5020	5021	SN	1	0.0	24.724	9.298	0.0	27.217	8.778	0.0	133.529	2.955	0.0	11.714	2.497	0.0	1.898	0.0	0.0	1.933	0.0	0.0	2.036	0.0	0.0	2.045	0.0
62	5020	5021	NS	1	0.0	24.895	9.976	0.0	24.376	10.398	0.0	354.154	4.363	0.0	80.729	4.415	0.0	1.903	0.0	0.0	1.92	0.0	0.0	2.057	0.0	0.0	2.067	0.0
63	5020	5021	NS	1	0.0	24.895	9.99	0.0	24.404	10.386	0.0	148.02	4.36	0.0	76.09	4.424	0.0	1.9	0.0	0.0	1.922	0.0	0.0	2.057	0.0	0.0	2.066	0.0
64	5020	5021	NS	1	0.0	26.764	14.086	0.0	33.184	15.563	0.0	354.154	14.204	0.0	77.182	14.192	0.0	1.909	0.0	0.0	1.928	0.0	0.0	2.06	0.0	0.0	2.069	0.0
65	5021	5022	SN	1	0.0	25.413	9.47	0.0	27.211	8.796	0.0	130.248	3.098	0.0	11.719	2.57	0.0	1.899	0.0	0.0	1.933	0.0	0.0	2.035	0.0	0.0	2.034	0.0
66	5021	5022	NS	1	0.0	26.72	14.125	0.0	33.09	15.538	0.0	152.592	14.26	0.0	79.786	14.186	0.0	1.907	0.0	0.0	1.917	0.0	0.0	2.058	0.0	0.0	2.068	0.0
67	5021	5022	SN	1	0.0	25.413	9.156	0.0	27.211	8.758	0.0	130.248	2.819	0.0	58.012	2.624	0.0	1.899	0.0	0.0	1.933	0.0	0.0	2.035	0.0	0.0	2.034	0.0
68	5021	5022	SN	1	0.0	25.413	9.156	0.0	27.211	8.758	0.0	130.248	2.819	0.0	58.012	2.624	0.0	1.899	0.0	0.0	1.933	0.0	0.0	2.035	0.0	0.0	2.034	0.0

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

69	5021	5022	SN	1	0.0	33.476	15.372	0.0	24.79	14.386	0.0	131.588	12.687	0.0	13.076	11.452	0.0	1.906	0.0	0.0	1.962	0.0	0.0	2.039	0.0	0.0	2.064	0.0
70	5021	5022	NS	1	0.0	24.911	9.977	0.0	24.404	10.433	0.0	141.81	4.412	0.0	73.162	4.495	0.0	1.901	0.0	0.0	1.914	0.0	0.0	2.06	0.0	0.0	2.069	0.0
71	5021	5022	NS	1	0.0	26.72	14.124	0.0	33.09	15.549	0.0	152.581	14.267	0.0	79.841	14.193	0.0	1.907	0.0	0.0	1.918	0.0	0.0	2.058	0.0	0.0	2.072	0.0
72	5021	5022	SN	1	0.0	33.476	15.224	0.0	24.79	14.876	0.0	131.588	11.88	0.0	47.765	12.363	0.0	1.906	0.0	0.0	1.962	0.0	0.0	2.039	0.0	0.0	2.064	0.0
73	5021	5022	NS	1	0.0	24.911	9.986	0.0	24.409	10.424	0.0	141.794	4.412	0.0	73.123	4.502	0.0	1.903	0.0	0.0	1.913	0.0	0.0	2.06	0.0	0.0	2.069	0.0
74	5021	5022	SN	1	0.0	33.476	15.224	0.0	24.79	14.876	0.0	131.588	11.88	0.0	47.765	12.363	0.0	1.906	0.0	0.0	1.962	0.0	0.0	2.039	0.0	0.0	2.064	0.0
75	5022	5023	NS	1	0.0	26.715	14.112	0.0	33.14	15.538	0.0	145.963	14.245	0.0	81.561	14.236	0.0	1.907	0.0	0.0	1.936	0.0	0.0	2.059	0.0	0.0	2.072	0.0
76	5022	5023	SN	1	0.0	33.614	15.185	0.0	24.768	14.896	0.0	126.718	11.93	0.0	42.228	12.356	0.0	1.905	0.0	0.0	1.966	0.0	0.0	2.037	0.0	0.0	2.066	0.0
77	5022	5023	SN	1	0.0	25.391	9.159	0.0	27.205	8.749	0.0	127.573	2.787	0.0	59.292	2.599	0.0	1.899	0.0	0.0	1.938	0.0	0.0	2.035	0.0	0.0	2.036	0.0
78	5022	5023	NS	1	0.0	24.9	9.968	0.0	24.415	10.436	0.0	352.097	4.389	0.0	136.485	4.521	0.0	1.901	0.0	0.0	1.91	0.0	0.0	2.056	0.0	0.0	2.069	0.0
79	5023	5024	SN	1	0.0	25.408	9.156	0.0	27.205	8.74	0.0	140.632	2.791	0.0	60.384	2.596	0.0	1.899	0.0	0.0	1.933	0.0	0.0	2.035	0.0	0.0	2.03	0.0
80	5023	5024	NS	1	0.0	24.906	10.002	0.0	24.42	10.453	0.0	352.114	4.374	0.0	69.958	4.511	0.0	1.908	0.0	0.0	1.913	0.0	0.0	2.057	0.0	0.0	2.067	0.0
81	5023	5024	NS	1	0.0	26.715	14.12	0.0	33.244	15.54	0.0	156.232	14.312	0.0	72.125	14.184	0.0	1.913	0.0	0.0	1.925	0.0	0.0	2.059	0.0	0.0	2.067	0.0
82	5023	5024	SN	1	0.0	33.487	15.235	0.0	24.746	14.896	0.0	148.309	11.866	0.0	42.432	12.306	0.0	1.905	0.0	0.0	1.962	0.0	0.0	2.038	0.0	0.0	2.063	0.0
83	5024	5025	NS	1	0.0	26.742	14.142	0.0	33.14	15.517	0.0	142.229	14.351	0.0	28.391	14.114	0.0	1.913	0.0	0.0	1.913	0.0	0.0	2.059	0.0	0.0	2.067	0.0
84	5024	5025	NS	1	0.0	24.9	10.026	0.0	24.299	10.422	0.0	352.406	4.392	0.0	19.121	4.535	0.0	1.905	0.0	0.0	1.913	0.0	0.0	2.056	0.0	0.0	2.068	0.0
85	5028	5029	SN	1	0.0	33.36	15.138	0.0	24.784	14.51	0.0	137.246	12.485	0.0	13.076	11.564	0.0	1.905	0.0	0.0	1.961	0.0	0.0	2.035	0.0	0.0	2.03	0.0
86	5028	5029	SN	1	0.0	25.408	9.115	0.0	27.189	8.697	0.0	137.246	2.728	0.0	57.803	2.533	0.0	1.899	0.0	0.0	1.933	0.0	0.0	2.032	0.0	0.0	2.04	0.0
87	5028	5029	SN	1	0.0	25.408	9.247	0.0	27.189	8.678	0.0	137.246	2.866	0.0	11.714	2.365	0.0	1.899	0.0	0.0	1.933	0.0	0.0	2.032	0.0	0.0	2.04	0.0
88	5028	5029	SN	1	0.0	33.36	15.156	0.0	24.784	14.928	0.0	137.246	12.03	0.0	55.497	12.234	0.0	1.905	0.0	0.0	1.961	0.0	0.0	2.035	0.0	0.0	2.03	0.0
89	5028	5029	SN	1	0.0	33.36	15.156	0.0	24.784	14.928	0.0	137.246	12.03	0.0	55.497	12.234	0.0	1.905	0.0	0.0	1.961	0.0	0.0	2.035	0.0	0.0	2.03	0.0
90	5028	5029	SN	1	0.0	25.408	9.115	0.0	27.189	8.697	0.0	137.246	2.728	0.0	57.803	2.533	0.0	1.899	0.0	0.0	1.933	0.0	0.0	2.032	0.0	0.0	2.04	0.0
91	5029	5030	SN	1	0.0	25.38	9.143	0.0	27.211	8.688	0.0	129.316	2.761	0.0	42.675	2.516	0.0	1.898	0.0	0.0	1.933	0.0	0.0	2.034	0.0	0.0	2.044	0.0
92	5029	5030	SN	1	0.0	33.559	15.178	0.0	24.795	14.734	0.0	124.396	12.092	0.0	18.872	11.984	0.0	1.905	0.0	0.0	1.964	0.0	0.0	2.037	0.0	0.0	2.063	0.0
93	5029	5030	SN	1	0.0	33.559	15.193	0.0	24.795	14.886	0.0	124.396	11.987	0.0	52.801	12.263	0.0	1.905	0.0	0.0	1.964	0.0	0.0	2.037	0.0	0.0	2.063	0.0
94	5029	5030	SN	1	0.0	33.559	15.193	0.0	24.795	14.886	0.0	124.396	11.987	0.0	52.801	12.263	0.0	1.905	0.0	0.0	1.964	0.0	0.0	2.037	0.0	0.0	2.063	0.0
95	5029	5030	NS	1	0.0	26.742	14.112	0.0	33.283	15.567	0.0	146.603	14.31	0.0	81.004	14.178	0.0	1.906	0.0	0.0	1.918	0.0	0.0	2.061	0.0	0.0	2.069	0.0
96	5029	5030	SN	1	0.0	25.38	9.185	0.0	27.211	8.68	0.0	129.316	2.804	0.0	12.723	2.422	0.0	1.898	0.0	0.0	1.933	0.0	0.0	2.034	0.0	0.0	2.044	0.0
97	5029	5030	SN	1	0.0	25.38	9.143	0.0	27.211	8.688	0.0	129.316	2.761	0.0	42.675	2.516	0.0	1.898	0.0	0.0	1.933	0.0	0.0	2.034	0.0	0.0	2.044	0.0
98	5029	5030	NS	1	0.0	24.895	9.969	0.0	24.277	10.459	0.0	140.878	4.474	0.0	73.669	4.661	0.0	1.907	0.0	0.0	1.915	0.0	0.0	2.059	0.0	0.0	2.068	0.0
99	5030	5031	NS	1	0.0	24.889	9.967	0.0	24.2	10.489	0.0	351.865	4.466	0.0	68.38	4.617	0.0	1.9	0.0	0.0	1.908	0.0	0.0	2.054	0.0	0.0	2.067	0.0
100	5030	5031	SN	1	0.0	33.526	15.105	0.0	24.79	14.758	0.0	125.626	12.035	0.0	19.589	12.032	0.0	1.905	0.0	0.0	1.963	0.0	0.0	2.036	0.0	0.0	2.063	0.0
101	5030	5031	NS	1	0.0	26.781	14.088	0.0	32.566	15.611	0.0	138.17	14.29	0.0	70.278	14.077	0.0	1.914	0.0	0.0	1.936	0.0	0.0	2.061	0.0	0.0	2.067	0.0
102	5030	5031	SN	1	0.0	24.729	9.166	0.0	27.211	8.704	0.0	123.365	2.85	0.0	12.673	2.473	0.0	1.897	0.0	0.0	1.932	0.0	0.0	2.033	0.0	0.0	2.043	0.0
103	5030	5031	SN	1	0.0	33.515	15.09	0.0	24.79	14.886	0.0	125.632	11.95	0.0	41.379	12.263	0.0	1.905	0.0	0.0	1.963	0.0	0.0	2.036	0.0	0.0	2.062	0.0
104	5030	5031	SN	1	0.0	24.729	9.13	0.0	27.211	8.711	0.0	123.365	2.821	0.0	63.417	2.553	0.0	1.897	0.0	0.0	1.932	0.0	0.0	2.033	0.0	0.0	2.043	0.0
105	5030	5031	NS	1	0.0	24.889	9.978	0.0	24.2	10.503	0.0	352.34	4.467	0.0	138.41	4.633	0.0	1.907	0.0	0.0	1.908	0.0	0.0	2.055	0.0	0.0	2.067	0.0

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

106	5030	5031	NS	1	0.0	26.748	14.124	0.0	33.3	15.598	0.0	144.777	14.324	0.0	77.265	14.171	0.0	1.905	0.0	0.0	1.929	0.0	0.0	2.061	0.0	0.0	2.067	0.0
107	5030	5031	SN	1	0.0	24.729	9.169	0.0	27.217	8.703	0.0	123.36	2.843	0.0	12.673	2.458	0.0	1.897	0.0	0.0	1.932	0.0	0.0	2.033	0.0	0.0	2.043	0.0
108	5030	5031	SN	1	0.0	33.515	15.083	0.0	24.79	14.782	0.0	125.632	12.035	0.0	20.378	12.08	0.0	1.905	0.0	0.0	1.963	0.0	0.0	2.036	0.0	0.0	2.062	0.0
109	5031	5032	NS	1	0.0	26.781	14.114	0.0	33.3	15.608	0.0	156.645	14.331	0.0	77.221	14.158	0.0	1.912	0.0	0.0	1.926	0.0	0.0	2.061	0.0	0.0	2.073	0.0
110	5031	5032	SN	1	0.0	24.757	9.152	0.0	27.217	8.711	0.0	115.909	2.828	0.0	59.292	2.546	0.0	1.898	0.0	0.0	1.932	0.0	0.0	2.033	0.0	0.0	2.042	0.0
111	5031	5032	SN	1	0.0	33.548	15.111	0.0	24.784	14.886	0.0	96.672	11.943	0.0	61.398	12.356	0.0	1.906	0.0	0.0	1.963	0.0	0.0	2.036	0.0	0.0	2.062	0.0
112	5031	5032	NS	1	0.0	24.906	9.971	0.0	24.205	10.478	0.0	352.676	4.462	0.0	142.331	4.598	0.0	1.907	0.0	0.0	1.919	0.0	0.0	2.058	0.0	0.0	2.069	0.0
113	5031	5032	SN	1	0.0	33.548	15.111	0.0	24.784	14.886	0.0	96.672	11.943	0.0	61.387	12.356	0.0	1.906	0.0	0.0	1.963	0.0	0.0	2.036	0.0	0.0	2.062	0.0
114	5031	5032	SN	1	0.0	24.757	9.152	0.0	27.217	8.708	0.0	115.909	2.828	0.0	59.275	2.546	0.0	1.898	0.0	0.0	1.932	0.0	0.0	2.033	0.0	0.0	2.042	0.0
115	5032	5033	SN	1	0.0	24.724	9.135	0.0	27.217	8.735	0.0	120.166	2.799	0.0	167.022	2.563	0.0	1.898	0.0	0.0	1.934	0.0	0.0	2.033	0.0	0.0	2.037	0.0
116	5032	5033	NS	1	0.0	24.895	9.995	0.0	24.233	10.496	0.0	162.387	4.478	0.0	67.382	4.606	0.0	1.9	0.0	0.0	1.907	0.0	0.0	2.057	0.0	0.0	2.068	0.0
117	5032	5033	NS	1	0.0	24.889	9.986	0.0	24.233	10.496	0.0	162.387	4.476	0.0	67.388	4.61	0.0	1.9	0.0	0.0	1.907	0.0	0.0	2.057	0.0	0.0	2.068	0.0
118	5032	5033	NS	1	0.0	26.775	14.06	0.0	33.3	15.601	0.0	167.615	14.306	0.0	79.289	14.106	0.0	1.906	0.0	0.0	1.912	0.0	0.0	2.06	0.0	0.0	2.071	0.0
119	5032	5033	SN	1	0.0	33.476	15.032	0.0	24.784	14.865	0.0	129.029	11.839	0.0	236.045	12.288	0.0	1.904	0.0	0.0	1.962	0.0	0.0	2.037	0.0	0.0	2.054	0.0
120	5032	5033	SN	1	0.0	33.476	15.032	0.0	24.784	14.865	0.0	129.029	11.839	0.0	236.045	12.288	0.0	1.904	0.0	0.0	1.962	0.0	0.0	2.037	0.0	0.0	2.054	0.0
121	5032	5033	NS	1	0.0	26.77	14.06	0.0	33.3	15.601	0.0	167.615	14.306	0.0	79.278	14.106	0.0	1.906	0.0	0.0	1.912	0.0	0.0	2.061	0.0	0.0	2.071	0.0
122	5032	5033	SN	1	0.0	24.724	9.135	0.0	27.217	8.735	0.0	120.166	2.799	0.0	167.022	2.563	0.0	1.898	0.0	0.0	1.934	0.0	0.0	2.033	0.0	0.0	2.037	0.0
123	5033	5034	NS	1	0.0	26.764	14.105	0.0	33.04	15.594	0.0	181.689	14.302	0.0	78.991	14.115	0.0	1.911	0.0	0.0	1.923	0.0	0.0	2.061	0.0	0.0	2.07	0.0
124	5033	5034	NS	1	0.0	24.895	9.974	0.0	24.172	10.482	0.0	168.745	4.472	0.0	120.475	4.639	0.0	1.903	0.0	0.0	1.913	0.0	0.0	2.059	0.0	0.0	2.07	0.0
125	5033	5034	SN	1	0.0	24.74	9.175	0.0	27.211	8.727	0.0	164.617	2.811	0.0	16.512	2.526	0.0	1.898	0.0	0.0	1.935	0.0	0.0	2.033	0.0	0.0	2.037	0.0
126	5033	5034	SN	1	0.0	24.74	9.162	0.0	27.211	8.728	0.0	164.617	2.801	0.0	54.091	2.566	0.0	1.898	0.0	0.0	1.935	0.0	0.0	2.033	0.0	0.0	2.037	0.0
127	5033	5034	NS	1	0.0	26.764	14.115	0.0	33.04	15.584	0.0	181.722	14.288	0.0	79.024	14.094	0.0	1.91	0.0	0.0	1.924	0.0	0.0	2.061	0.0	0.0	2.071	0.0
128	5033	5034	SN	1	0.0	24.74	9.162	0.0	27.211	8.728	0.0	164.617	2.801	0.0	54.091	2.566	0.0	1.898	0.0	0.0	1.935	0.0	0.0	2.033	0.0	0.0	2.037	0.0
129	5033	5034	NS	1	0.0	24.895	9.969	0.0	24.172	10.489	0.0	168.707	4.483	0.0	120.392	4.65	0.0	1.904	0.0	0.0	1.912	0.0	0.0	2.059	0.0	0.0	2.069	0.0
130	5033	5034	SN	1	0.0	33.482	15.088	0.0	24.746	14.808	0.0	164.617	11.856	0.0	24.205	12.187	0.0	1.905	0.0	0.0	1.963	0.0	0.0	2.037	0.0	0.0	2.054	0.0
131	5033	5034	SN	1	0.0	33.482	15.083	0.0	24.746	14.845	0.0	164.617	11.832	0.0	47.109	12.281	0.0	1.905	0.0	0.0	1.963	0.0	0.0	2.037	0.0	0.0	2.054	0.0
132	5033	5034	SN	1	0.0	33.482	15.083	0.0	24.746	14.845	0.0	164.617	11.832	0.0	47.109	12.281	0.0	1.905	0.0	0.0	1.963	0.0	0.0	2.037	0.0	0.0	2.054	0.0
133	5034	5035	NS	1	0.0	24.889	9.972	0.0	24.277	10.502	0.0	353.25	4.502	0.0	172.482	4.703	0.0	1.902	0.0	0.0	1.916	0.0	0.0	2.058	0.0	0.0	2.07	0.0
134	5034	5035	SN	1	0.0	33.526	15.175	0.0	24.79	14.634	0.0	135.106	12.066	0.0	16.396	11.794	0.0	1.904	0.0	0.0	1.964	0.0	0.0	2.037	0.0	0.0	2.055	0.0
135	5034	5035	SN	1	0.0	33.526	15.192	0.0	24.79	14.845	0.0	135.106	11.813	0.0	53.297	12.259	0.0	1.904	0.0	0.0	1.964	0.0	0.0	2.037	0.0	0.0	2.055	0.0
136	5034	5035	NS	1	0.0	26.775	14.114	0.0	33.084	15.553	0.0	353.25	14.372	0.0	70.542	14.094	0.0	1.909	0.0	0.0	1.912	0.0	0.0	2.061	0.0	0.0	2.073	0.0
137	5034	5035	NS	1	0.0	24.889	9.982	0.0	24.244	10.514	0.0	353.25	4.497	0.0	134.825	4.697	0.0	1.905	0.0	0.0	1.912	0.0	0.0	2.058	0.0	0.0	2.07	0.0
138	5034	5035	SN	1	0.0	25.446	9.095	0.0	27.211	8.71	0.0	118.793	2.718	0.0	60.08	2.559	0.0	1.898	0.0	0.0	1.936	0.0	0.0	2.034	0.0	0.0	2.038	0.0
139	5034	5035	SN	1	0.0	25.446	9.171	0.0	27.211	8.704	0.0	118.793	2.799	0.0	12.464	2.408	0.0	1.898	0.0	0.0	1.936	0.0	0.0	2.034	0.0	0.0	2.038	0.0
140	5034	5035	NS	1	0.0	26.775	14.07	0.0	32.627	15.611	0.0	353.25	14.356	0.0	70.542	14.134	0.0	1.907	0.0	0.0	1.932	0.0	0.0	2.061	0.0	0.0	2.072	0.0
141	5035	5036	NS	1	0.0	24.9	9.971	0.0	24.178	10.533	0.0	354.049	4.493	0.0	76.868	4.768	0.0	1.902	0.0	0.0	1.91	0.0	0.0	2.058	0.0	0.0	2.065	0.0
142	5035	5036	NS	1	0.0	24.9	9.971	0.0	24.178	10.533	0.0	354.049	4.493	0.0	76.868	4.768	0.0	1.902	0.0	0.0	1.91	0.0	0.0	2.058	0.0	0.0	2.065	0.0

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

143	5035	5036	SN	1	0.0	25.413	9.318	0.0	27.211	8.717	0.0	134.45	2.844	0.0	11.714	2.425	0.0	1.897	0.0	0.0	1.935	0.0	0.0	2.032	0.0	0.0	2.037	0.0
144	5035	5036	NS	1	0.0	26.803	14.102	0.0	33.129	15.563	0.0	354.049	14.407	0.0	78.142	14.151	0.0	1.913	0.0	0.0	1.93	0.0	0.0	2.061	0.0	0.0	2.067	0.0
145	5035	5036	SN	1	0.0	25.413	9.025	0.0	27.211	8.688	0.0	134.45	2.595	0.0	56.65	2.503	0.0	1.897	0.0	0.0	1.935	0.0	0.0	2.032	0.0	0.0	2.037	0.0
146	5035	5036	SN	1	0.0	25.413	9.025	0.0	27.211	8.688	0.0	134.45	2.595	0.0	56.65	2.503	0.0	1.897	0.0	0.0	1.935	0.0	0.0	2.032	0.0	0.0	2.037	0.0
147	5035	5036	NS	1	0.0	26.803	14.102	0.0	33.129	15.563	0.0	354.049	14.407	0.0	78.142	14.151	0.0	1.913	0.0	0.0	1.93	0.0	0.0	2.061	0.0	0.0	2.067	0.0
148	5035	5036	SN	1	0.0	33.426	15.174	0.0	24.79	14.897	0.0	133.331	11.709	0.0	54.621	12.141	0.0	1.904	0.0	0.0	1.962	0.0	0.0	2.035	0.0	0.0	2.031	0.0
149	5035	5036	SN	1	0.0	33.426	15.317	0.0	24.79	14.348	0.0	133.331	12.477	0.0	13.037	11.216	0.0	1.904	0.0	0.0	1.962	0.0	0.0	2.035	0.0	0.0	2.031	0.0
150	5035	5036	SN	1	0.0	33.426	15.174	0.0	24.79	14.897	0.0	133.331	11.709	0.0	54.621	12.141	0.0	1.904	0.0	0.0	1.962	0.0	0.0	2.035	0.0	0.0	2.031	0.0
151	5036	5037	NS	1	0.0	26.808	14.115	0.0	33.311	15.646	0.0	154.329	14.356	0.0	76.67	14.202	0.0	1.911	0.0	0.0	1.916	0.0	0.0	2.061	0.0	0.0	2.067	0.0
152	5036	5037	NS	1	0.0	24.895	9.949	0.0	24.189	10.572	0.0	142.395	4.46	0.0	130.744	4.777	0.0	1.902	0.0	0.0	1.915	0.0	0.0	2.06	0.0	0.0	2.067	0.0
153	5036	5037	SN	1	0.0	33.454	15.135	0.0	26.122	14.938	0.0	130.364	11.639	0.0	55.646	12.105	0.0	1.903	0.0	0.0	1.966	0.0	0.0	2.034	0.0	0.0	2.041	0.0
154	5036	5037	SN	1	0.0	33.454	15.135	0.0	26.122	14.938	0.0	130.364	11.639	0.0	55.646	12.105	0.0	1.903	0.0	0.0	1.966	0.0	0.0	2.034	0.0	0.0	2.041	0.0
155	5036	5037	NS	1	0.0	24.911	9.944	0.0	24.2	10.567	0.0	142.395	4.457	0.0	130.253	4.778	0.0	1.909	0.0	0.0	1.916	0.0	0.0	2.059	0.0	0.0	2.066	0.0
156	5036	5037	SN	1	0.0	25.501	9.019	0.0	27.217	8.661	0.0	131.433	2.471	0.0	57.968	2.476	0.0	1.896	0.0	0.0	1.933	0.0	0.0	2.031	0.0	0.0	2.039	0.0
157	5036	5037	SN	1	0.0	25.501	9.019	0.0	27.217	8.661	0.0	131.433	2.471	0.0	57.968	2.476	0.0	1.896	0.0	0.0	1.933	0.0	0.0	2.031	0.0	0.0	2.039	0.0
158	5036	5037	NS	1	0.0	26.808	14.124	0.0	33.151	15.584	0.0	142.395	14.336	0.0	85.201	14.129	0.0	1.913	0.0	0.0	1.913	0.0	0.0	2.06	0.0	0.0	2.067	0.0
159	5037	5038	NS	1	0.0	24.9	9.958	0.0	24.2	10.547	0.0	141.435	4.446	0.0	145.061	4.795	0.0	1.908	0.0	0.0	1.915	0.0	0.0	2.057	0.0	0.0	2.064	0.0
160	5037	5038	SN	1	0.0	33.377	15.186	0.0	24.768	14.877	0.0	131.042	11.576	0.0	87.846	12.105	0.0	1.903	0.0	0.0	1.961	0.0	0.0	2.034	0.0	0.0	2.03	0.0
161	5037	5038	NS	1	0.0	26.792	14.085	0.0	33.327	15.697	0.0	147.022	14.355	0.0	77.894	14.188	0.0	1.91	0.0	0.0	1.919	0.0	0.0	2.061	0.0	0.0	2.067	0.0
162	5037	5038	NS	1	0.0	24.9	9.958	0.0	24.2	10.547	0.0	141.435	4.446	0.0	145.061	4.795	0.0	1.908	0.0	0.0	1.915	0.0	0.0	2.057	0.0	0.0	2.064	0.0
163	5037	5038	NS	1	0.0	26.792	14.085	0.0	33.327	15.697	0.0	147.022	14.355	0.0	77.894	14.188	0.0	1.91	0.0	0.0	1.919	0.0	0.0	2.061	0.0	0.0	2.067	0.0
164	5037	5038	SN	1	0.0	25.474	9.025	0.0	27.2	8.647	0.0	128.88	2.451	0.0	64.459	2.492	0.0	1.897	0.0	0.0	1.934	0.0	0.0	2.033	0.0	0.0	2.036	0.0
165	5038	5039	NS	1	0.0	26.786	14.007	0.0	33.029	15.652	0.0	138.639	14.401	0.0	70.73	14.163	0.0	1.907	0.0	0.0	1.915	0.0	0.0	2.062	0.0	0.0	2.067	0.0
166	5038	5039	NS	1	0.0	24.889	9.991	0.0	24.233	10.55	0.0	351.954	4.487	0.0	152.975	4.776	0.0	1.901	0.0	0.0	1.917	0.0	0.0	2.056	0.0	0.0	2.066	0.0

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