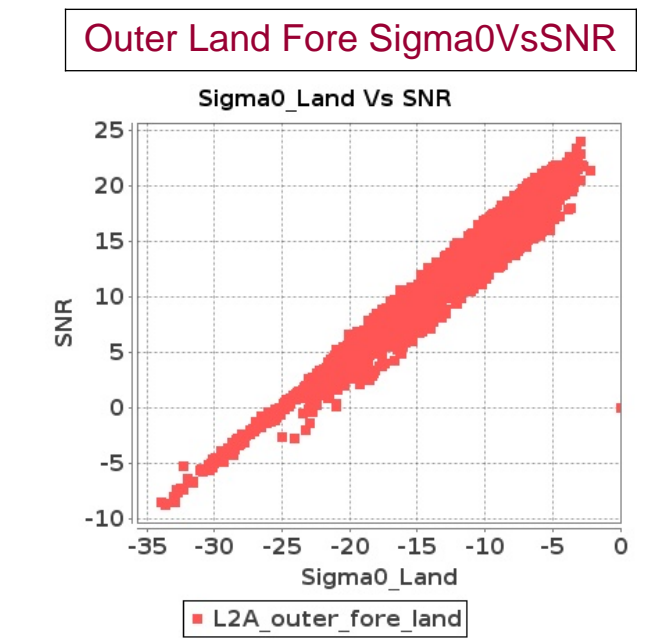
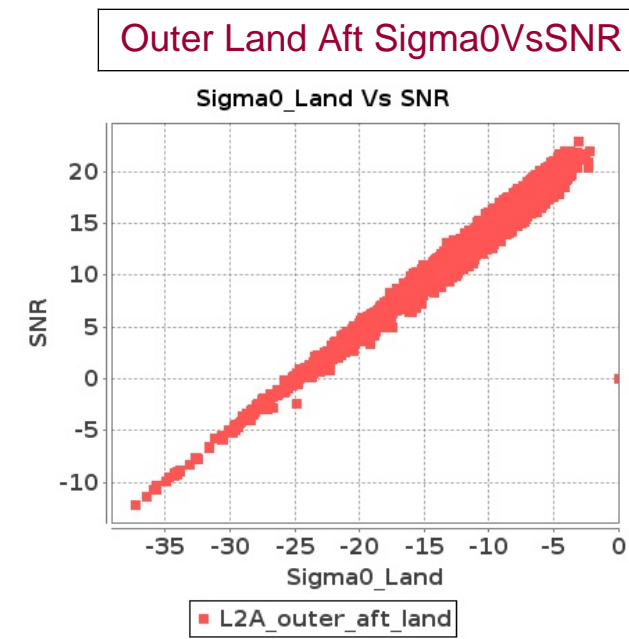
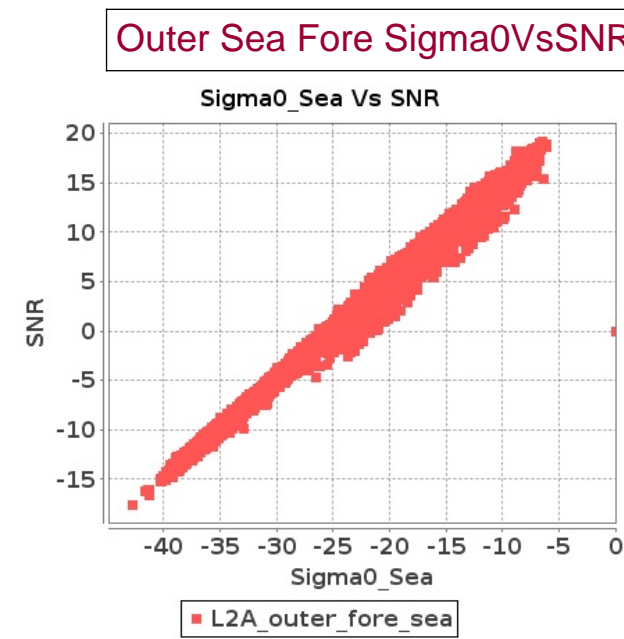
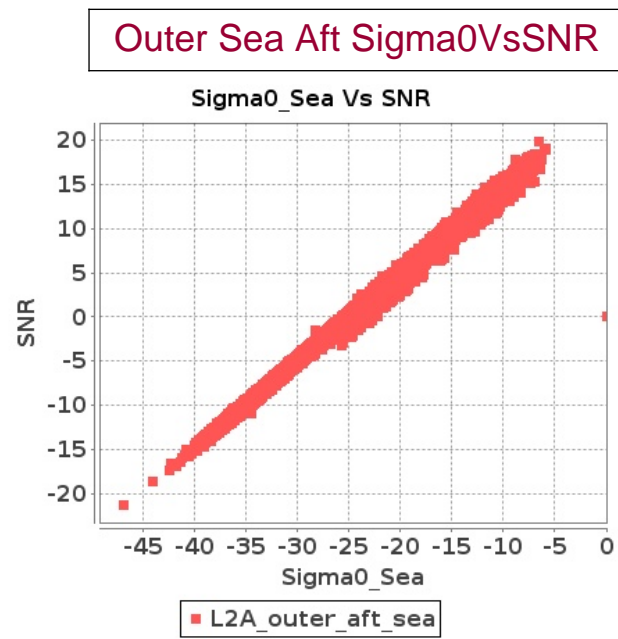
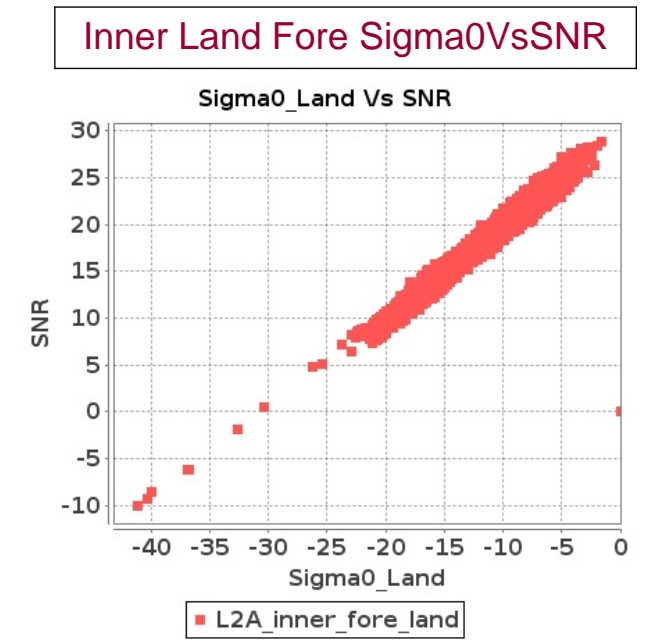
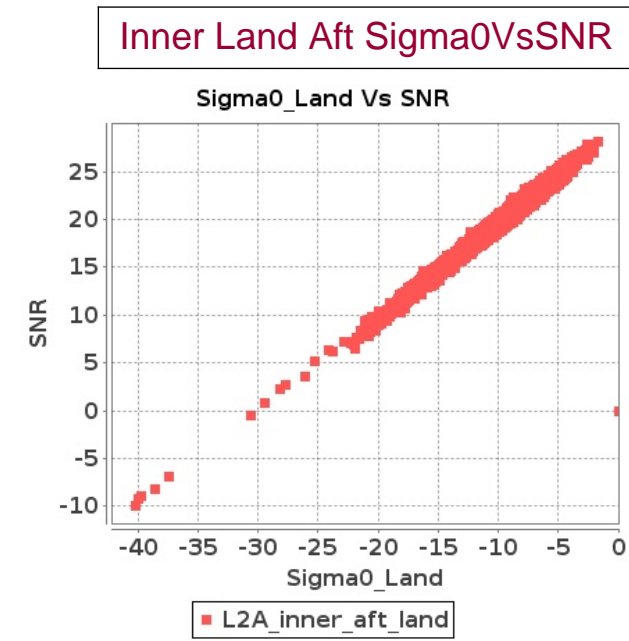
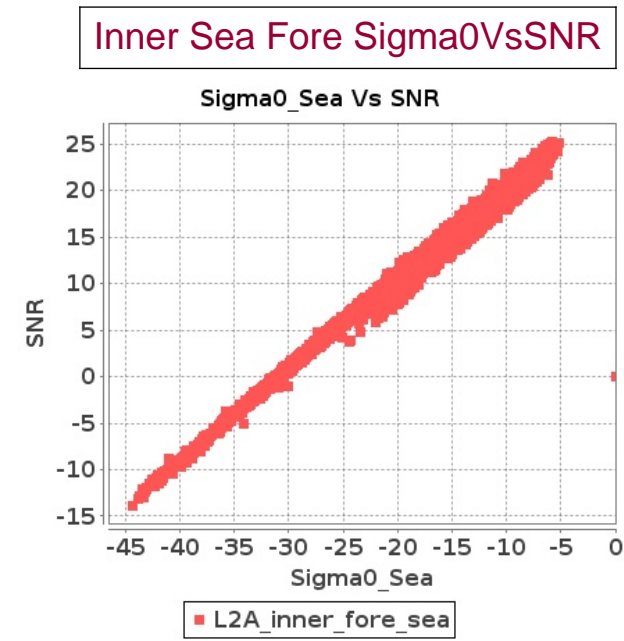
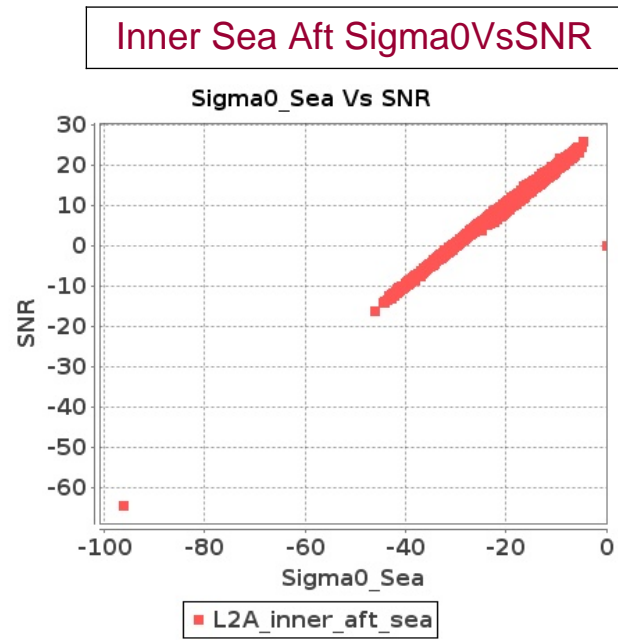


SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 10-JAN-2019 To 11-JAN-2019



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

Report between 10-JAN-2019 To 11-JAN-2019

Sr No	Start Orbit	End Orbit	Dir.	Ver.	SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
					Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)	Min	Max	BadOcc (%)
1	12119	12120	SN	1	0.0	44.979	4.158	0.0	55.33	4.625	0.0	45.872	3.568	0.0	48.296	4.539	0.0	45.128	4.087	0.0	53.763	4.451	0.0	45.878	3.597	0.0	46.547	4.109
2	12119	12120	SN	1	0.0	44.979	4.159	0.0	55.33	4.625	0.0	45.872	3.57	0.0	48.296	4.539	0.0	45.128	4.088	0.0	53.763	4.451	0.0	45.878	3.598	0.0	46.547	4.109
3	12119	12120	SN	1	0.0	44.979	4.169	0.0	57.429	4.687	0.0	46.016	3.598	0.0	48.809	4.546	0.0	45.128	4.088	0.0	55.865	4.482	0.0	46.022	3.613	0.0	47.06	4.087
4	12119	12120	NS	1	0.0	53.805	6.17	0.0	54.317	8.516	0.0	52.51	5.285	0.0	43.512	6.947	0.0	53.019	6.292	0.0	55.038	7.766	0.0	50.051	5.072	0.0	44.013	6.104
5	12119	12120	NS	1	0.0	47.996	1.605	0.0	53.429	2.407	0.0	47.267	1.595	0.0	44.117	2.253	0.0	48.658	1.623	0.0	53.14	2.206	0.0	44.48	1.451	0.0	46.44	1.809
6	12119	12120	SN	1	0.0	44.979	4.266	0.0	57.429	4.787	0.0	46.016	3.683	0.0	48.809	4.662	0.0	45.128	4.183	0.0	55.865	4.556	0.0	46.022	3.69	0.0	47.06	4.207
7	12119	12120	SN	1	0.0	47.821	1.144	0.0	54.174	1.274	0.0	39.464	1.022	0.0	43.896	1.327	0.0	47.003	1.121	0.0	52.813	1.167	0.0	39.033	0.928	0.0	45.076	1.155
8	12119	12120	SN	1	0.0	47.821	1.144	0.0	54.174	1.274	0.0	39.464	1.023	0.0	43.896	1.327	0.0	47.003	1.122	0.0	52.813	1.167	0.0	39.033	0.929	0.0	45.076	1.155
9	12119	12120	SN	1	0.0	47.821	1.169	0.0	56.275	1.314	0.0	44.478	1.03	0.0	43.854	1.351	0.0	47.003	1.148	0.0	54.915	1.202	0.0	41.422	0.952	0.0	44.679	1.19
10	12119	12120	SN	1	0.0	44.979	4.266	0.0	57.429	4.787	0.0	46.016	3.683	0.0	48.809	4.662	0.0	45.128	4.183	0.0	55.865	4.556	0.0	46.022	3.69	0.0	47.06	4.207
11	12119	12120	NS	1	0.0	53.805	6.17	0.0	54.317	8.516	0.0	52.51	5.285	0.0	43.512	6.947	0.0	53.019	6.292	0.0	55.038	7.766	0.0	50.051	5.072	0.0	44.013	6.104
12	12119	12120	SN	1	0.0	47.821	1.144	0.0	54.174	1.274	0.0	39.464	1.022	0.0	43.896	1.327	0.0	47.003	1.121	0.0	52.813	1.167	0.0	39.033	0.928	0.0	45.076	1.155
13	12119	12120	NS	1	0.0	47.996	1.605	0.0	53.429	2.407	0.0	47.267	1.595	0.0	44.117	2.253	0.0	48.658	1.623	0.0	53.14	2.206	0.0	44.48	1.451	0.0	46.44	1.809
14	12119	12120	SN	1	0.0	47.821	1.14	0.0	56.275	1.286	0.0	44.478	1.009	0.0	43.854	1.319	0.0	47.003	1.119	0.0	54.915	1.176	0.0	41.422	0.929	0.0	44.679	1.162
15	12119	12120	SN	1	0.0	47.821	1.169	0.0	56.275	1.314	0.0	44.478	1.03	0.0	43.854	1.351	0.0	47.003	1.148	0.0	54.915	1.202	0.0	41.422	0.952	0.0	44.679	1.19
16	12119	12120	SN	1	0.0	44.979	4.158	0.0	55.33	4.625	0.0	45.872	3.568	0.0	48.296	4.539	0.0	45.128	4.087	0.0	53.763	4.451	0.0	45.878	3.597	0.0	46.547	4.109
17	12120	12121	NS	1	0.0	41.928	1.496	0.0	47.994	1.88	0.0	47.375	1.483	0.0	47.634	1.807	0.0	42.903	1.478	0.0	45.83	1.821	0.0	42.892	1.414	0.0	42.51	1.702
18	12120	12121	SN	1	0.0	45.528	0.901	0.0	48.823	1.225	0.0	36.91	1.08	0.0	39.753	1.429	0.0	44.731	0.897	0.0	46.851	1.12	0.0	35.719	1.029	0.0	39.203	1.276
19	12120	12121	SN	1	0.0	45.528	0.901	0.0	48.823	1.225	0.0	36.91	1.08	0.0	39.753	1.429	0.0	44.731	0.897	0.0	46.851	1.12	0.0	35.719	1.029	0.0	39.203	1.276
20	12120	12121	NS	1	0.0	43.763	1.496	0.0	50.65	1.859	0.0	45.985	1.472	0.0	44.431	1.807	0.0	44.235	1.507	0.0	51.935	1.798	0.0	45.959	1.442	0.0	40.74	1.764
21	12120	12121	NS	1	0.0	42.456	1.498	0.0	48.523	1.848	0.0	44.02	1.462	0.0	47.96	1.835	0.0	44.084	1.487	0.0	50.729	1.81	0.0	44.937	1.414	0.0	44.268	1.771
22	12120	12121	NS	1	0.0	51.309	5.03	0.0	55.084	6.475	0.0	44.619	4.32	0.0	47.006	5.26	0.0	51.572	4.97	0.0	53.653	6.273	0.0	44.328	4.384	0.0	45.471	5.04
23	12120	12121	SN	1	0.0	47.267	3.619	0.0	48.359	4.258	0.0	44.458	3.274	0.0	43.364	3.809	0.0	46.99	3.701	0.0	48.978	4.062	0.0	44.293	3.202	0.0	42.922	3.607
24	12120	12121	NS	1	0.0	47.83	4.939	0.0	54.038	6.531	0.0	42.895	4.426	0.0	50.432	5.242	0.0	48.093	4.96	0.0	54.019	6.194	0.0	41.613	4.49	0.0	49.427	5.099
25	12120	12121	NS	1	0.0	47.83	4.939	0.0	54.038	6.531	0.0	42.895	4.426	0.0	50.432	5.242	0.0	48.093	4.96	0.0	54.019	6.194	0.0	41.613	4.49	0.0	49.427	5.099
26	12120	12121	SN	1	0.0	52.135	3.556	0.0	50.471	4.346	0.0	45.307	3.303	0.0	43.653	3.829	0.0	51.859	3.659	0.0	51.09	4.17	0.0	43.566	3.238	0.0	43.144	3.669
27	12120	12121	SN	1	0.0	46.651	3.495	0.0	51.124	4.336	0.0	37.151	3.303	0.0	43.653	3.822	0.0	48.215	3.618	0.0	51.742	4.149	0.0	36.987	3.231	0.0	43.144	3.654
28	12120	12121	SN	1	0.0	48.423	0.908	0.0	42.377	1.22	0.0	43.775	1.078	0.0	38.97	1.422	0.0	48.433	0.899	0.0	42.782	1.118	0.0	42.285	1.028	0.0	41.426	1.285
29	12120	12121	SN	1	0.0	47.267	3.618	0.0	48.359	4.247	0.0	44.458	3.274	0.0	43.364	3.799	0.0	46.99	3.7	0.0	48.978	4.052	0.0	44.293	3.202	0.0	42.922	3.597
30	12120	12121	SN	1	0.0	48.093	0.915	0.0	41.229	1.213	0.0	40.394	1.055	0.0	40.576	1.427	0.0	49.077	0.913	0.0	41.558	1.102	0.0	40.544	1.04	0.0	43.031	1.292
31	12120	12121	NS	1	0.0	41.928	1.496	0.0	47.994	1.88	0.0	47.375	1.483	0.0	47.634	1.807	0.0	42.903	1.478	0.0	45.83	1.821	0.0	42.892	1.414	0.0	42.51	1.702

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

32	12125	12126	SN	1	0.0	50.024	1.29	0.0	50.986	1.427	0.0	41.738	1.129	0.0	42.864	1.361	0.0	52.08	1.288	0.0	50.386	1.352	0.0	44.663	1.027	0.0	47.145	1.182
33	12125	12126	NS	1	0.0	42.812	0.93	0.0	44.991	1.424	0.0	41.512	1.209	0.0	46.685	1.787	0.0	43.838	0.935	0.0	43.788	1.271	0.0	39.361	1.198	0.0	42.346	1.4
34	12125	12126	NS	1	0.0	53.933	3.998	0.0	48.95	5.2	0.0	44.413	3.901	0.0	40.904	5.125	0.0	54.905	3.957	0.0	51.949	4.866	0.0	41.295	3.929	0.0	41.481	4.473
35	12134	12135	SN	1	0.0	41.63	1.21	0.0	46.15	1.653	0.0	40.097	1.246	0.0	45.132	1.606	0.0	41.935	1.223	0.0	45.621	1.592	0.0	39.204	1.211	0.0	46.605	1.523
36	12135	12136	NS	1	0.0	43.591	1.267	0.0	49.504	1.654	0.0	39.609	1.397	0.0	45.934	1.845	0.0	43.152	1.291	0.0	46.501	1.613	0.0	37.544	1.434	0.0	42.108	1.774
37	12135	12136	SN	1	0.0	38.769	0.886	0.0	49.685	1.371	0.0	45.873	1.258	0.0	37.346	1.901	0.0	38.699	0.851	0.0	48.469	1.22	0.0	42.634	1.179	0.0	36.894	1.53
38	12136	12137	SN	1	0.0	37.331	2.909	0.0	42.018	3.38	0.0	40.443	2.585	0.0	37.717	4.2	0.0	37.75	2.981	0.0	40.872	3.286	0.0	37.963	2.693	0.0	40.798	3.864
39	12136	12137	NS	1	0.0	45.166	1.312	0.0	46.947	1.982	0.0	37.389	1.48	0.0	40.333	2.127	0.0	46.611	1.33	0.0	44.99	1.894	0.0	37.229	1.478	0.0	40.518	1.932
40	12136	12137	SN	1	0.0	37.331	2.859	0.0	42.018	3.319	0.0	40.443	2.56	0.0	37.717	4.117	0.0	37.75	2.93	0.0	40.872	3.228	0.0	37.963	2.674	0.0	40.798	3.78
41	12136	12137	NS	1	0.0	52.035	3.81	0.0	47.394	5.897	0.0	45.086	4.724	0.0	43.186	6.172	0.0	54.881	3.952	0.0	46.356	5.634	0.0	45.298	4.717	0.0	44.639	5.74
42	12136	12137	SN	1	0.0	37.341	0.652	0.0	37.423	1.04	0.0	34.36	0.933	0.0	39.394	1.485	0.0	36.577	0.661	0.0	36.282	0.947	0.0	35.415	0.933	0.0	39.733	1.291
43	12136	12137	SN	1	0.0	37.341	0.642	0.0	37.423	1.021	0.0	34.945	0.922	0.0	39.394	1.463	0.0	36.577	0.651	0.0	36.282	0.928	0.0	35.415	0.922	0.0	39.733	1.272
44	12137	12138	NS	1	0.0	46.528	0.735	0.0	48.344	0.932	0.0	36.976	0.878	0.0	44.39	1.123	0.0	46.755	0.755	0.0	46.157	0.88	0.0	36.172	0.837	0.0	46.582	0.967
45	12137	12138	SN	1	0.0	40.372	3.41	0.0	45.499	3.782	0.0	38.864	3.208	0.0	42.785	3.876	0.0	40.253	3.358	0.0	44.267	3.667	0.0	38.141	3.259	0.0	42.466	3.595
46	12137	12138	SN	1	0.0	38.393	0.789	0.0	39.817	1.016	0.0	36.54	1.057	0.0	39.302	1.445	0.0	38.819	0.794	0.0	39.656	0.964	0.0	37.994	0.998	0.0	38.017	1.246
47	12137	12138	NS	1	0.0	55.497	2.646	0.0	44.632	3.299	0.0	44.414	3.002	0.0	43.206	3.571	0.0	55.349	2.697	0.0	44.686	3.087	0.0	45.427	2.867	0.0	45.893	3.203

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

■ Normal ■ Deviations
■ Alarming ■ High Errors

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	12119	12120	SN	1	0.0	29.395	12.728	0.0	27.327	12.925	0.0	77.028	7.314	0.0	237.774	9.387	0.0	1.375	0.0	1.736	0.0	0.0	1.805	0.0	0.0	2.083	0.0	
2	12119	12120	SN	1	0.0	29.395	12.731	0.0	27.327	12.925	0.0	77.028	7.318	0.0	237.774	9.387	0.0	1.375	0.0	1.736	0.0	0.0	1.805	0.0	0.0	2.083	0.0	
3	12119	12120	SN	1	0.0	29.389	12.729	0.0	27.327	12.945	0.0	77.067	7.339	0.0	239.326	9.394	0.0	1.375	0.0	1.736	0.0	0.0	1.805	0.0	0.0	2.083	0.0	
4	12119	12120	NS	1	0.0	26.621	10.75	0.0	30.079	15.077	0.0	242.238	12.784	0.0	150.184	14.795	0.0	1.398	0.0	1.83	0.0	0.0	1.881	0.0	0.0	2.192	0.0	
5	12119	12120	NS	1	0.0	25.253	7.556	0.0	25.661	8.687	0.0	348.308	4.894	0.0	123.525	5.808	0.0	1.439	0.0	1.83	0.0	0.0	1.905	0.0	0.0	2.192	0.0	
6	12119	12120	SN	1	0.0	29.389	12.747	0.0	27.327	12.611	0.0	77.067	7.373	0.0	239.326	8.847	0.0	1.375	0.0	1.73	0.0	0.0	1.805	0.0	0.0	2.082	0.0	
7	12119	12120	SN	1	0.0	23.075	4.757	0.0	21.569	5.99	0.0	62.342	1.058	0.0	170.642	1.73	0.0	1.374	0.0	1.735	0.0	0.0	1.822	0.0	0.0	2.084	0.0	
8	12119	12120	SN	1	0.0	23.075	4.757	0.0	21.586	5.99	0.0	62.342	1.057	0.0	170.642	1.73	0.0	1.374	0.0	1.735	0.0	0.0	1.822	0.0	0.0	2.084	0.0	
9	12119	12120	SN	1	0.0	23.075	4.744	0.0	226.785	5.916	0.0	70.432	1.043	0.0	247.362	1.563	0.0	1.374	0.0	1.73	0.0	0.0	1.823	0.0	0.0	2.076	0.0	
10	12119	12120	SN	1	0.0	29.389	12.747	0.0	27.327	12.611	0.0	77.067	7.373	0.0	239.326	8.847	0.0	1.375	0.0	1.73	0.0	0.0	1.805	0.0	0.0	2.082	0.0	
11	12119	12120	NS	1	0.0	26.621	10.75	0.0	30.079	15.077	0.0	242.238	12.784	0.0	150.184	14.795	0.0	1.398	0.0	1.83	0.0	0.0	1.881	0.0	0.0	2.192	0.0	
12	12119	12120	SN	1	0.0	23.075	4.757	0.0	21.569	5.99	0.0	62.342	1.058	0.0	170.642	1.73	0.0	1.374	0.0	1.735	0.0	0.0	1.822	0.0	0.0	2.084	0.0	
13	12119	12120	NS	1	0.0	25.253	7.556	0.0	25.661	8.687	0.0	348.308	4.894	0.0	123.525	5.808	0.0	1.439	0.0	1.83	0.0	0.0	1.905	0.0	0.0	2.192	0.0	
14	12119	12120	SN	1	0.0	23.075	4.748	0.0	226.785	5.992	0.0	70.432	1.051	0.0	247.362	1.731	0.0	1.374	0.0	1.735	0.0	0.0	1.823	0.0	0.0	2.084	0.0	
15	12119	12120	SN	1	0.0	23.075	4.744	0.0	226.785	5.916	0.0	70.432	1.043	0.0	247.362	1.563	0.0	1.374	0.0	1.73	0.0	0.0	1.823	0.0	0.0	2.076	0.0	
16	12119	12120	SN	1	0.0	29.395	12.728	0.0	27.327	12.925	0.0	77.028	7.314	0.0	237.774	9.387	0.0	1.375	0.0	1.736	0.0	0.0	1.805	0.0	0.0	2.083	0.0	
17	12120	12121	NS	1	0.0	90.918	7.531	0.0	25.656	8.74	0.0	356.173	4.919	0.0	129.542	5.916	0.0	1.435	0.0	1.83	0.0	0.0	1.908	0.0	0.0	2.191	0.0	
18	12120	12121	SN	1	0.0	23.08	4.757	0.0	232.703	5.937	0.0	54.51	1.042	0.0	14.129	1.636	0.0	1.374	0.0	1.733	0.0	0.0	1.823	0.0	0.0	2.082	0.0	
19	12120	12121	SN	1	0.0	23.08	4.757	0.0	232.703	5.937	0.0	54.51	1.042	0.0	14.129	1.636	0.0	1.374	0.0	1.733	0.0	0.0	1.823	0.0	0.0	2.082	0.0	
20	12120	12121	NS	1	0.0	25.951	7.527	0.0	25.65	8.699	0.0	356.173	4.917	0.0	129.641	5.866	0.0	1.436	0.0	1.83	0.0	0.0	1.908	0.0	0.0	2.191	0.0	
21	12120	12121	NS	1	0.0	90.918	7.543	0.0	25.65	8.694	0.0	356.178	4.924	0.0	129.691	5.866	0.0	1.435	0.0	1.83	0.0	0.0	1.908	0.0	0.0	2.191	0.0	
22	12120	12121	NS	1	0.0	26.174	10.8	0.0	30.09	15.115	0.0	194.335	12.811	0.0	143.809	14.801	0.0	1.397	0.0	1.83	0.0	0.0	1.881	0.0	0.0	2.191	0.0	
23	12120	12121	SN	1	0.0	29.318	12.722	0.0	27.327	12.795	0.0	74.927	7.319	0.0	21.106	9.158	0.0	1.376	0.0	1.732	0.0	0.0	1.805	0.0	0.0	2.083	0.0	
24	12120	12121	NS	1	0.0	79.722	10.789	0.0	30.095	15.178	0.0	249.694	12.804	0.0	143.704	14.874	0.0	1.395	0.0	1.83	0.0	0.0	1.881	0.0	0.0	2.191	0.0	
25	12120	12121	NS	1	0.0	79.722	10.789	0.0	30.095	15.178	0.0	249.694	12.804	0.0	143.704	14.874	0.0	1.395	0.0	1.83	0.0	0.0	1.881	0.0	0.0	2.191	0.0	
26	12120	12121	SN	1	0.0	28.209	12.709	0.0	27.327	12.831	0.0	74.987	7.34	0.0	22.214	9.277	0.0	1.372	0.0	1.733	0.0	0.0	1.806	0.0	0.0	2.082	0.0	
27	12120	12121	SN	1	0.0	28.209	12.709	0.0	27.327	12.831	0.0	74.987	7.34	0.0	22.214	9.277	0.0	1.372	0.0	1.733	0.0	0.0	1.806	0.0	0.0	2.082	0.0	
28	12120	12121	SN	1	0.0	23.086	4.745	0.0	232.692	5.961	0.0	54.571	1.046	0.0	14.124	1.655	0.0	1.374	0.0	1.733	0.0	0.0	1.823	0.0	0.0	2.082	0.0	
29	12120	12121	SN	1	0.0	29.318	12.719	0.0	27.327	12.814	0.0	74.927	7.319	0.0	22.22	9.228	0.0	1.376	0.0	1.733	0.0	0.0	1.805	0.0	0.0	2.083	0.0	
30	12120	12121	SN	1	0.0	23.086	4.745	0.0	232.692	5.961	0.0	54.571	1.046	0.0	14.124	1.655	0.0	1.374	0.0	1.733	0.0	0.0	1.823	0.0	0.0	2.082	0.0	
31	12120	12121	NS	1	0.0	90.918	7.531	0.0	25.656	8.74	0.0	356.173	4.919	0.0	129.542	5.916	0.0	1.435	0.0	1.83	0.0	0.0	1.908	0.0	0.0	2.191	0.0	

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

32	12125	12126	SN	1	0.0	23.086	4.801	0.0	73.512	5.825	0.0	61.933	1.054	0.0	154.373	1.44	0.0	1.373	0.0	0.0	1.725	0.0	0.0	1.823	0.0	0.0	2.076	0.0
33	12125	12126	NS	1	0.0	67.239	7.55	0.0	25.656	8.726	0.0	143.95	4.88	0.0	125.124	5.873	0.0	1.439	0.0	0.0	1.83	0.0	0.0	1.906	0.0	0.0	2.192	0.0
34	12125	12126	NS	1	0.0	52.359	10.779	0.0	30.09	15.154	0.0	141.297	12.752	0.0	146.114	14.823	0.0	1.398	0.0	0.0	1.829	0.0	0.0	1.881	0.0	0.0	2.192	0.0
35	12134	12135	SN	1	0.0	23.086	4.852	0.0	24.702	5.974	0.0	66.814	1.085	0.0	50.264	1.801	0.0	1.371	0.0	0.0	1.736	0.0	0.0	1.824	0.0	0.0	2.086	0.0
36	12135	12136	NS	1	0.0	264.494	7.534	0.0	25.645	8.687	0.0	352.235	4.907	0.0	132.536	5.876	0.0	1.444	0.0	0.0	1.831	0.0	0.0	1.908	0.0	0.0	2.192	0.0
37	12135	12136	SN	1	0.0	23.091	4.898	0.0	68.4	5.97	0.0	69.892	1.075	0.0	14.135	1.742	0.0	1.372	0.0	0.0	1.734	0.0	0.0	1.825	0.0	0.0	2.086	0.0
38	12136	12137	SN	1	0.0	29.494	12.727	0.0	27.338	12.658	0.0	79.394	7.204	0.0	18.674	9.145	0.0	1.377	0.0	0.0	1.738	0.0	0.0	1.796	0.0	0.0	2.085	0.0
39	12136	12137	NS	1	0.0	26.842	7.466	0.0	25.656	8.674	0.0	240.724	4.837	0.0	126.194	5.855	0.0	1.447	0.0	0.0	1.83	0.0	0.0	1.906	0.0	0.0	2.192	0.0
40	12136	12137	SN	1	0.0	29.494	12.718	0.0	27.338	12.881	0.0	79.394	7.176	0.0	61.426	9.575	0.0	1.377	0.0	0.0	1.738	0.0	0.0	1.796	0.0	0.0	2.091	0.0
41	12136	12137	NS	1	0.0	69.233	10.771	0.0	30.04	15.001	0.0	264.111	12.739	0.0	140.693	14.669	0.0	1.416	0.0	0.0	1.831	0.0	0.0	1.894	0.0	0.0	2.19	0.0
42	12136	12137	SN	1	0.0	23.102	4.917	0.0	21.685	5.95	0.0	64.647	1.076	0.0	13.572	1.734	0.0	1.372	0.0	0.0	1.734	0.0	0.0	1.826	0.0	0.0	2.082	0.0
43	12136	12137	SN	1	0.0	23.102	4.924	0.0	26.326	6.012	0.0	64.647	1.083	0.0	46.8	1.889	0.0	1.372	0.0	0.0	1.737	0.0	0.0	1.826	0.0	0.0	2.087	0.0
44	12137	12138	NS	1	0.0	26.792	7.483	0.0	25.656	8.681	0.0	357.209	4.836	0.0	124.909	5.85	0.0	1.446	0.0	0.0	1.83	0.0	0.0	1.906	0.0	0.0	2.192	0.0
45	12137	12138	SN	1	0.0	29.384	12.734	0.0	27.349	12.52	0.0	76.592	7.228	0.0	16.33	8.947	0.0	1.37	0.0	0.0	1.738	0.0	0.0	1.799	0.0	0.0	2.085	0.0
46	12137	12138	SN	1	0.0	23.091	4.924	0.0	21.315	5.919	0.0	61.614	1.075	0.0	12.144	1.683	0.0	1.372	0.0	0.0	1.731	0.0	0.0	1.81	0.0	0.0	2.082	0.0
47	12137	12138	NS	1	0.0	25.871	10.837	0.0	30.007	15.009	0.0	354.27	12.724	0.0	135.145	14.69	0.0	1.415	0.0	0.0	1.831	0.0	0.0	1.892	0.0	0.0	2.19	0.0

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