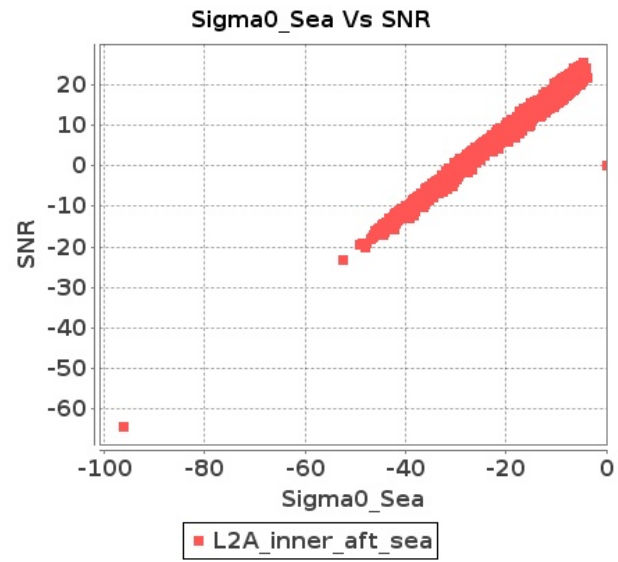


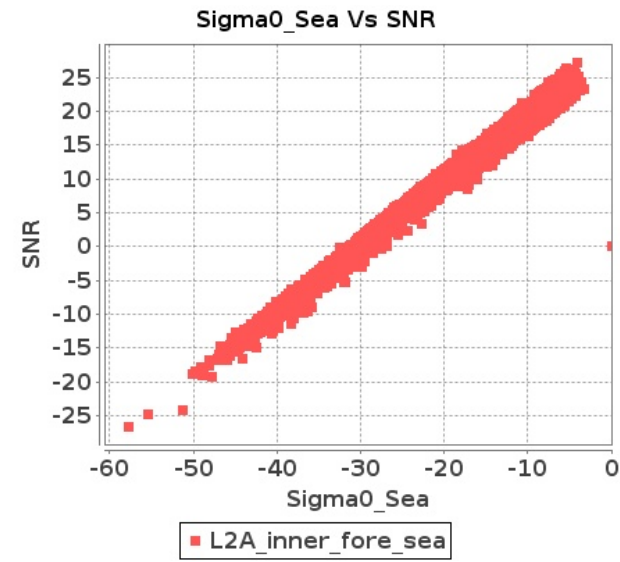
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 16-SEP-2017 To 17-SEP-2017

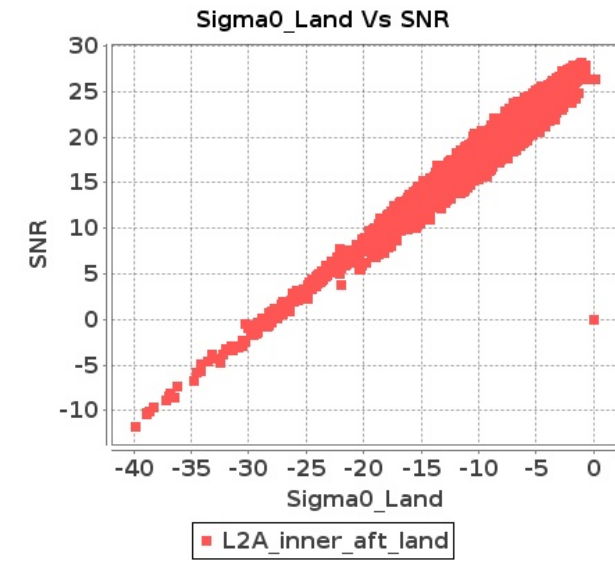
Inner Sea Aft Sigma0VsSNR



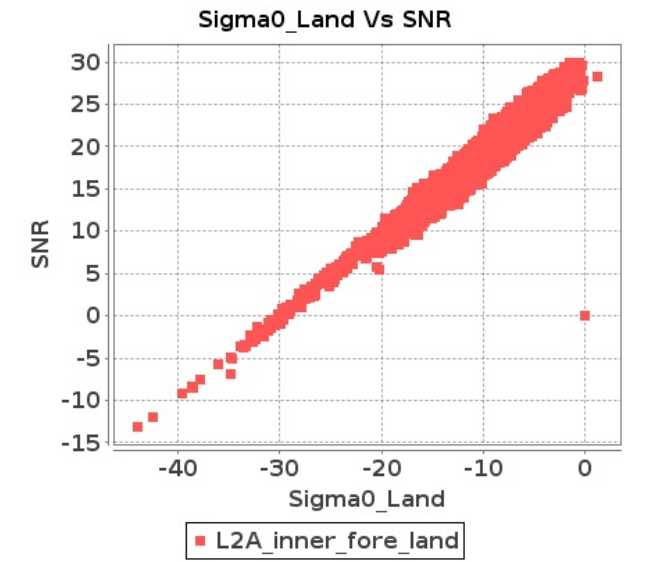
Inner Sea Fore Sigma0VsSNR



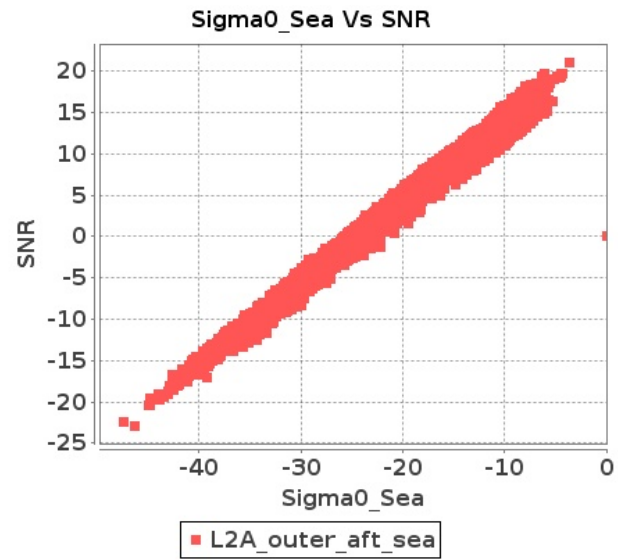
Inner Land Aft Sigma0VsSNR



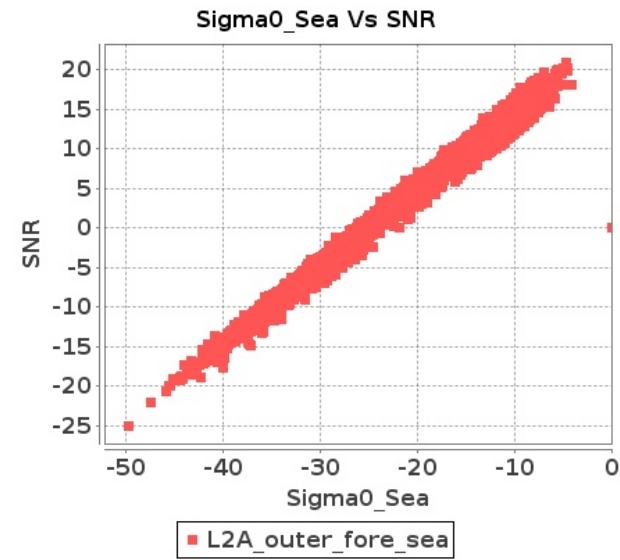
Inner Land Fore Sigma0VsSNR



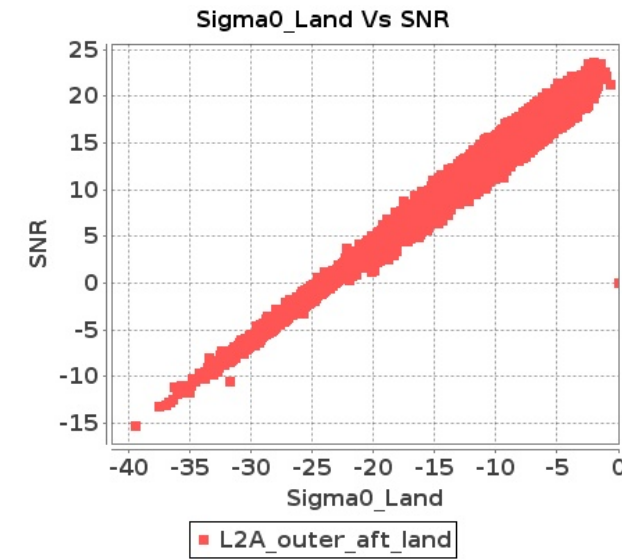
Outer Sea Aft Sigma0VsSNR



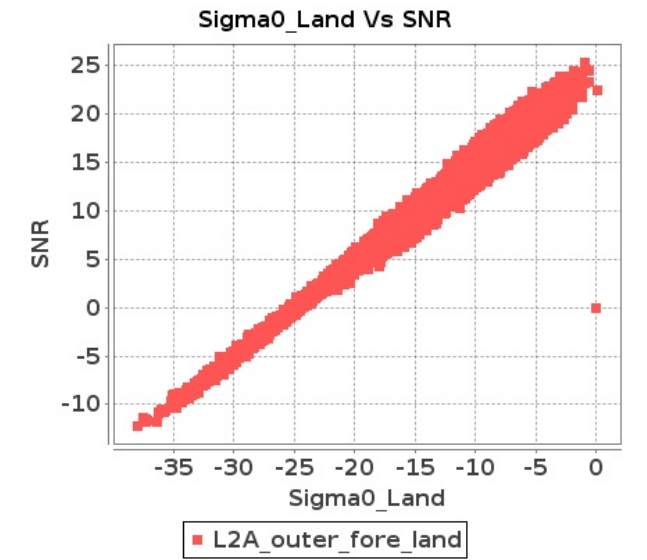
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 16-SEP-2017 To 17-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	5144	5145	SN	1	0.0	50.66	6.66	0.0	52.507	6.442	0.0	50.336	4.581	0.0	48.386	4.436	0.0	50.393	6.213	0.0	52.168	6.076	0.0	47.032	4.247	0.0	46.026	4.172
2	5144	5145	SN	1	0.0	50.073	2.017	0.0	47.567	1.899	0.0	47.055	1.13	0.0	39.096	1.229	0.0	46.94	1.793	0.0	48.804	1.741	0.0	43.23	1.089	0.0	39.413	1.083
3	5145	5146	NS	1	0.0	50.769	2.659	0.0	42.59	1.87	0.0	36.936	1.539	0.0	45.295	1.522	0.0	48.195	2.276	0.0	43.487	1.75	0.0	38.602	1.44	0.0	44.654	1.323
4	5145	5146	SN	1	0.0	45.59	1.472	0.0	50.864	1.532	0.0	37.869	1.071	0.0	50.981	1.035	0.0	44.498	1.298	0.0	47.145	1.31	0.0	38.343	1.004	0.0	50.407	0.862
5	5145	5146	SN	1	0.0	49.094	1.472	0.0	50.864	1.549	0.0	39.367	1.066	0.0	50.981	1.048	0.0	48.003	1.307	0.0	47.145	1.326	0.0	40.345	1.003	0.0	50.407	0.874
6	5145	5146	SN	1	0.0	49.077	4.846	0.0	51.821	4.661	0.0	47.411	3.331	0.0	46.982	3.498	0.0	50.852	4.485	0.0	51.024	4.382	0.0	48.391	3.1	0.0	47.129	2.977
7	5145	5146	NS	1	0.0	52.422	8.018	0.0	46.911	6.466	0.0	45.456	4.792	0.0	48.627	4.51	0.0	49.506	7.614	0.0	47.294	6.039	0.0	48.809	4.658	0.0	46.401	4.083
8	5145	5146	NS	1	0.0	52.422	8.018	0.0	46.911	6.466	0.0	45.456	4.792	0.0	48.627	4.51	0.0	49.506	7.614	0.0	47.294	6.039	0.0	48.809	4.658	0.0	46.401	4.083
9	5145	5146	NS	1	0.0	50.769	2.659	0.0	42.59	1.87	0.0	36.936	1.539	0.0	45.295	1.522	0.0	48.195	2.276	0.0	43.487	1.75	0.0	38.602	1.44	0.0	44.654	1.323
10	5145	5146	SN	1	0.0	49.077	4.813	0.0	51.821	4.61	0.0	47.411	3.344	0.0	46.982	3.466	0.0	50.852	4.447	0.0	51.024	4.325	0.0	48.391	3.102	0.0	47.129	2.945
11	5145	5146	SN	1	0.0	45.59	1.472	0.0	50.864	1.532	0.0	37.869	1.071	0.0	50.981	1.035	0.0	44.498	1.298	0.0	47.145	1.31	0.0	38.343	1.004	0.0	50.407	0.862
12	5145	5146	SN	1	0.0	49.077	4.813	0.0	51.821	4.61	0.0	47.411	3.351	0.0	46.982	3.466	0.0	50.852	4.447	0.0	51.024	4.325	0.0	48.391	3.102	0.0	47.129	2.945
13	5146	5147	NS	1	0.0	47.706	5.404	0.0	54.317	4.889	0.0	47.86	3.992	0.0	53.231	3.953	0.0	46.959	4.776	0.0	54.046	4.301	0.0	47.284	3.439	0.0	51.964	3.285
14	5146	5147	SN	1	0.0	46.75	4.998	0.0	42.737	4.186	0.0	46.852	3.741	0.0	49.111	4.047	0.0	46.561	4.401	0.0	42.625	3.691	0.0	44.43	3.294	0.0	46.393	3.455
15	5146	5147	SN	1	0.0	46.75	4.998	0.0	42.737	4.186	0.0	46.852	3.741	0.0	49.111	4.047	0.0	46.561	4.401	0.0	42.625	3.691	0.0	44.43	3.294	0.0	46.393	3.455
16	5146	5147	SN	1	0.0	46.75	4.984	0.0	42.737	4.184	0.0	46.852	3.712	0.0	49.111	4.024	0.0	46.561	4.385	0.0	42.625	3.705	0.0	44.43	3.286	0.0	46.393	3.432
17	5146	5147	NS	1	0.0	48.794	5.515	0.0	53.758	4.808	0.0	43.983	4.063	0.0	52.564	3.953	0.0	47.037	4.898	0.0	53.486	4.21	0.0	43.409	3.475	0.0	51.295	3.292
18	5146	5147	NS	1	0.0	43.475	2.016	0.0	49.25	1.614	0.0	41.675	1.497	0.0	46.359	1.323	0.0	41.439	1.647	0.0	48.906	1.364	0.0	41.448	1.214	0.0	43.616	1.078
19	5146	5147	NS	1	0.0	45.85	2.052	0.0	46.46	1.589	0.0	39.311	1.481	0.0	45.691	1.321	0.0	45.527	1.671	0.0	47.487	1.35	0.0	37.471	1.223	0.0	42.948	1.085
20	5146	5147	SN	1	0.0	39.78	1.754	0.0	43.209	1.422	0.0	39.62	1.328	0.0	38.381	1.249	0.0	39.46	1.501	0.0	40.536	1.204	0.0	40.044	1.163	0.0	38.35	1.042
21	5146	5147	SN	1	0.0	39.78	1.766	0.0	43.209	1.422	0.0	39.62	1.334	0.0	38.381	1.254	0.0	39.46	1.514	0.0	40.536	1.202	0.0	40.044	1.166	0.0	38.35	1.051
22	5146	5147	SN	1	0.0	39.78	1.766	0.0	43.209	1.422	0.0	39.62	1.336	0.0	38.381	1.254	0.0	39.46	1.514	0.0	40.536	1.202	0.0	40.044	1.168	0.0	38.35	1.051
23	5147	5148	SN	1	0.0	38.304	1.646	0.0	40.968	1.465	0.0	37.895	1.291	0.0	39.959	1.329	0.0	37.937	1.386	0.0	38.243	1.236	0.0	39.311	1.087	0.0	38.172	1.115
24	5147	5148	NS	1	0.0	41.73	2.89	0.0	52.239	2.317	0.0	44.34	1.996	0.0	41.602	1.866	0.0	44.212	2.739	0.0	49.276	2.184	0.0	42.472	1.993	0.0	40.222	1.693
25	5147	5148	NS	1	0.0	53.774	7.539	0.0	50.827	6.157	0.0	43.947	5.737	0.0	46.016	5.56	0.0	51.454	7.438	0.0	48.71	5.61	0.0	44.595	5.687	0.0	46.877	5.211
26	5147	5148	SN	1	0.0	39.065	5.038	0.0	49.662	4.104	0.0	38.926	3.57	0.0	40.767	3.364	0.0	39.62	4.396	0.0	50.058	3.576	0.0	35.973	3.04	0.0	39.403	3.037
27	5147	5148	SN	1	0.0	42.507	5.166	0.0	50.528	4.357	0.0	38.926	3.57	0.0	40.767	3.517	0.0	40.274	4.517	0.0	50.923	3.848	0.0	39.473	3.037	0.0	40.11	3.189
28	5147	5148	SN	1	0.0	37.855	1.614	0.0	40.968	1.394	0.0	38.059	1.279	0.0	39.959	1.299	0.0	37.633	1.367	0.0	38.243	1.159	0.0	39.311	1.067	0.0	38.172	1.079
29	5148	5149	NS	1	0.0	50.72	4.885	0.0	50.695	4.475	0.0	45.776	3.489	0.0	47.819	3.015	0.0	50.276	4.562	0.0	52.318	4.049	0.0	47.322	3.113	0.0	44.154	2.781
30	5148	5149	NS	1	0.0	49.937	1.498	0.0	44.54	1.364	0.0	40.4	0.893	0.0	42.857	0.839	0.0	48.865	1.344	0.0	48.357	1.181	0.0	41.333	0.807	0.0	47.467	0.724
31	5148	5149	SN	1	0.0	40.66	2.696	0.0	39.643	2.359	0.0	39.8	1.997	0.0	37.27	2.083	0.0	41.854	2.418	0.0	38.683	2.098	0.0	39.075	1.909	0.0	38.301	1.908

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

140	5166	5167	NS	1	0.0	49.933	7.523	0.0	47.547	6.22	0.0	45.485	5.409	0.0	47.284	5.298	0.0	47.037	7.017	0.0	47.959	5.682	0.0	44.477	5.267	0.0	50.47	5.099
141	5167	5168	NS	1	0.0	45.917	3.605	0.0	55.276	3.034	0.0	44.465	2.705	0.0	43.789	2.341	0.0	44.917	3.161	0.0	56.127	2.678	0.0	39.811	2.485	0.0	46.052	2.113
142	5167	5168	SN	1	0.0	46.238	1.565	0.0	45.994	1.555	0.0	42.25	1.179	0.0	40.083	1.125	0.0	46.152	1.381	0.0	44.611	1.33	0.0	38.9	1.069	0.0	41.426	1.056
143	5167	5168	SN	1	0.0	44.27	4.975	0.0	49.326	4.662	0.0	46.203	3.593	0.0	47.343	3.908	0.0	44.953	4.559	0.0	50.605	4.153	0.0	42.935	3.23	0.0	49.391	3.666
144	5167	5168	NS	1	0.0	47.903	10.859	0.0	55.226	9.416	0.0	47.024	8.358	0.0	49.413	7.694	0.0	47.838	10.192	0.0	55.428	8.756	0.0	47.391	8.017	0.0	50.486	6.998
145	5168	5169	NS	1	0.0	49.083	8.348	0.0	53.625	7.123	0.0	43.458	5.159	0.0	46.22	5.12	0.0	51.095	7.641	0.0	50.103	6.516	0.0	43.275	4.925	0.0	45.568	4.453
146	5168	5169	NS	1	0.0	45.76	2.582	0.0	46.834	2.186	0.0	41.006	1.482	0.0	44.981	1.627	0.0	48.326	2.188	0.0	45.364	1.92	0.0	40.799	1.3	0.0	46.699	1.416

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	5144	5145	SN	1	0.0	31.744	15.208	0.0	25.722	14.523	0.0	83.232	10.422	0.0	52.591	9.984	0.0	1.885	0.0	1.961	0.0	0.0	2.016	0.0	0.0	2.055	0.0	
2	5144	5145	SN	1	0.0	25.799	7.972	0.0	27.205	7.821	0.0	72.715	1.874	0.0	49.536	1.886	0.0	1.887	0.0	1.936	0.0	0.0	2.01	0.0	0.0	2.039	0.0	
3	5145	5146	NS	1	0.0	27.007	10.983	0.0	26.985	10.241	0.0	353.001	5.623	0.0	133.711	5.084	0.0	1.922	0.0	1.914	0.0	0.0	2.08	0.0	0.0	2.071	0.0	
4	5145	5146	SN	1	0.0	25.788	8.01	0.0	27.217	7.837	0.0	72.048	1.89	0.0	43.034	1.902	0.0	1.886	0.0	1.938	0.0	0.0	2.01	0.0	0.0	2.039	0.0	
5	5145	5146	SN	1	0.0	25.788	8.028	0.0	27.217	7.824	0.0	72.048	1.922	0.0	12.569	1.801	0.0	1.886	0.0	1.938	0.0	0.0	2.01	0.0	0.0	2.039	0.0	
6	5145	5146	SN	1	0.0	31.722	15.28	0.0	25.788	14.283	0.0	87.225	10.614	0.0	18.018	9.648	0.0	1.885	0.0	1.964	0.0	0.0	2.016	0.0	0.0	2.056	0.0	
7	5145	5146	NS	1	0.0	27.266	13.802	0.0	33.278	16.291	0.0	147.783	14.823	0.0	74.954	14.624	0.0	1.917	0.0	1.924	0.0	0.0	2.078	0.0	0.0	2.073	0.0	
8	5145	5146	NS	1	0.0	27.266	13.802	0.0	33.278	16.291	0.0	147.783	14.823	0.0	74.954	14.624	0.0	1.917	0.0	1.924	0.0	0.0	2.078	0.0	0.0	2.073	0.0	
9	5145	5146	NS	1	0.0	27.007	10.983	0.0	26.985	10.241	0.0	353.001	5.623	0.0	133.711	5.084	0.0	1.922	0.0	1.914	0.0	0.0	2.08	0.0	0.0	2.071	0.0	
10	5145	5146	SN	1	0.0	31.722	15.24	0.0	25.788	14.513	0.0	87.225	10.487	0.0	52.42	9.956	0.0	1.885	0.0	1.964	0.0	0.0	2.016	0.0	0.0	2.056	0.0	
11	5145	5146	SN	1	0.0	25.788	8.008	0.0	27.217	7.837	0.0	72.048	1.89	0.0	43.034	1.904	0.0	1.886	0.0	1.938	0.0	0.0	2.01	0.0	0.0	2.039	0.0	
12	5145	5146	SN	1	0.0	31.722	15.24	0.0	25.788	14.513	0.0	87.225	10.487	0.0	52.42	9.956	0.0	1.885	0.0	1.964	0.0	0.0	2.016	0.0	0.0	2.056	0.0	
13	5146	5147	NS	1	0.0	27.205	13.813	0.0	32.991	16.312	0.0	139.979	14.906	0.0	72.241	14.759	0.0	1.92	0.0	1.919	0.0	0.0	2.078	0.0	0.0	2.07	0.0	
14	5146	5147	SN	1	0.0	32.274	15.241	0.0	25.788	14.383	0.0	91.168	10.582	0.0	18.663	9.764	0.0	1.885	0.0	1.964	0.0	0.0	2.017	0.0	0.0	2.03	0.0	
15	5146	5147	SN	1	0.0	32.274	15.241	0.0	25.788	14.383	0.0	91.168	10.582	0.0	18.663	9.764	0.0	1.885	0.0	1.964	0.0	0.0	2.017	0.0	0.0	2.03	0.0	
16	5146	5147	SN	1	0.0	32.274	15.205	0.0	25.788	14.566	0.0	91.168	10.483	0.0	53.319	10.009	0.0	1.885	0.0	1.964	0.0	0.0	2.017	0.0	0.0	2.03	0.0	
17	5146	5147	NS	1	0.0	27.205	13.803	0.0	32.985	16.301	0.0	140.001	14.899	0.0	72.213	14.759	0.0	1.92	0.0	1.918	0.0	0.0	2.078	0.0	0.0	2.07	0.0	
18	5146	5147	NS	1	0.0	27.012	10.949	0.0	26.974	10.223	0.0	353.013	5.606	0.0	137.086	5.072	0.0	1.919	0.0	1.913	0.0	0.0	2.076	0.0	0.0	2.069	0.0	
19	5146	5147	NS	1	0.0	27.012	10.94	0.0	26.974	10.216	0.0	353.012	5.606	0.0	137.015	5.076	0.0	1.92	0.0	1.915	0.0	0.0	2.076	0.0	0.0	2.069	0.0	
20	5146	5147	SN	1	0.0	25.799	8.018	0.0	27.233	7.867	0.0	130.606	1.883	0.0	42.796	1.926	0.0	1.888	0.0	1.935	0.0	0.0	2.012	0.0	0.0	2.054	0.0	
21	5146	5147	SN	1	0.0	25.799	8.036	0.0	27.233	7.853	0.0	130.606	1.908	0.0	13.247	1.838	0.0	1.888	0.0	1.935	0.0	0.0	2.012	0.0	0.0	2.054	0.0	
22	5146	5147	SN	1	0.0	25.799	8.036	0.0	27.233	7.853	0.0	130.606	1.908	0.0	13.247	1.838	0.0	1.888	0.0	1.935	0.0	0.0	2.012	0.0	0.0	2.054	0.0	
23	5147	5148	SN	1	0.0	25.805	8.054	0.0	224.962	7.872	0.0	79.3	1.891	0.0	43.596	1.938	0.0	1.886	0.0	1.935	0.0	0.0	2.012	0.0	0.0	2.054	0.0	
24	5147	5148	NS	1	0.0	27.012	10.927	0.0	26.985	10.214	0.0	156.408	5.618	0.0	133.711	5.081	0.0	1.919	0.0	1.916	0.0	0.0	2.076	0.0	0.0	2.069	0.0	
25	5147	5148	NS	1	0.0	27.233	13.813	0.0	32.98	16.291	0.0	152.366	14.799	0.0	79.195	14.745	0.0	1.92	0.0	1.918	0.0	0.0	2.079	0.0	0.0	2.071	0.0	
26	5147	5148	SN	1	0.0	32.29	15.248	0.0	34.416	14.323	0.0	83.558	10.637	0.0	16.666	9.648	0.0	1.885	0.0	1.963	0.0	0.0	2.016	0.0	0.0	2.03	0.0	
27	5147	5148	SN	1	0.0	32.29	15.195	0.0	34.416	14.587	0.0	83.558	10.497	0.0	53.997	10.016	0.0	1.885	0.0	1.963	0.0	0.0	2.016	0.0	0.0	2.03	0.0	
28	5147	5148	SN	1	0.0	25.805	8.075	0.0	224.962	7.846	0.0	79.3	1.929	0.0	11.4	1.817	0.0	1.886	0.0	1.935	0.0	0.0	2.012	0.0	0.0	2.054	0.0	
29	5148	5149	NS	1	0.0	27.244	13.907	0.0	32.279	16.349	0.0	168.883	14.899	0.0	68.292	14.749	0.0	1.923	0.0	1.929	0.0	0.0	2.078	0.0	0.0	2.071	0.0	
30	5148	5149	NS	1	0.0	27.001	10.94	0.0	26.974	10.194	0.0	164.036	5.598	0.0	149.153	5.083	0.0	1.922	0.0	1.914	0.0	0.0	2.077	0.0	0.0	2.068	0.0	
31	5148	5149	SN	1	0.0	25.805	8.054	0.0	27.217	7.867	0.0	117.172	1.907	0.0	48.902	1.915	0.0	1.887	0.0	1.933	0.0	0.0	2.011	0.0	0.0	2.053	0.0	

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

69	5159	5160	SN	1	0.0	31.402	15.22	0.0	27.018	14.38	0.0	84.175	10.122	0.0	67.553	9.885	0.0	1.883	0.0	0.0	1.959	0.0	0.0	2.014	0.0	0.0	2.038	0.0
70	5159	5160	NS	1	0.0	27.25	13.761	0.0	32.505	16.154	0.0	154.732	14.886	0.0	62.634	14.686	0.0	1.927	0.0	0.0	1.909	0.0	0.0	2.08	0.0	0.0	2.071	0.0
71	5159	5160	NS	1	0.0	27.023	11.059	0.0	26.99	10.325	0.0	143.625	5.726	0.0	120.784	5.267	0.0	1.924	0.0	0.0	1.914	0.0	0.0	2.08	0.0	0.0	2.072	0.0
72	5159	5160	SN	1	0.0	25.772	7.97	0.0	27.217	7.793	0.0	73.708	1.702	0.0	66.643	1.91	0.0	1.883	0.0	0.0	1.939	0.0	0.0	2.01	0.0	0.0	2.044	0.0
73	5159	5160	SN	1	0.0	25.772	7.97	0.0	27.217	7.793	0.0	73.708	1.702	0.0	66.643	1.91	0.0	1.883	0.0	0.0	1.939	0.0	0.0	2.01	0.0	0.0	2.044	0.0
74	5159	5160	SN	1	0.0	31.402	15.22	0.0	27.018	14.38	0.0	84.175	10.122	0.0	67.553	9.885	0.0	1.883	0.0	0.0	1.959	0.0	0.0	2.014	0.0	0.0	2.038	0.0
75	5160	5161	NS	1	0.0	27.222	13.767	0.0	32.544	16.157	0.0	354.965	14.909	0.0	145.795	14.892	0.0	1.922	0.0	0.0	1.914	0.0	0.0	2.079	0.0	0.0	2.071	0.0
76	5160	5161	SN	1	0.0	31.342	15.161	0.0	27.106	14.215	0.0	88.295	10.202	0.0	18.552	9.667	0.0	1.883	0.0	0.0	1.96	0.0	0.0	2.013	0.0	0.0	2.024	0.0
77	5160	5161	SN	1	0.0	31.342	15.158	0.0	27.106	14.23	0.0	88.295	10.209	0.0	20.499	9.743	0.0	1.883	0.0	0.0	1.96	0.0	0.0	2.013	0.0	0.0	2.024	0.0
78	5160	5161	SN	1	0.0	31.342	15.139	0.0	27.106	14.38	0.0	88.295	10.118	0.0	52.619	9.935	0.0	1.883	0.0	0.0	1.96	0.0	0.0	2.013	0.0	0.0	2.024	0.0
79	5160	5161	NS	1	0.0	27.239	13.813	0.0	32.544	16.225	0.0	146.658	14.879	0.0	75.881	14.835	0.0	1.926	0.0	0.0	1.909	0.0	0.0	2.081	0.0	0.0	2.071	0.0
80	5160	5161	SN	1	0.0	25.777	7.975	0.0	27.233	7.786	0.0	72.715	1.721	0.0	13.506	1.82	0.0	1.881	0.0	0.0	1.939	0.0	0.0	2.01	0.0	0.0	2.044	0.0
81	5160	5161	SN	1	0.0	25.777	7.975	0.0	27.233	7.787	0.0	72.715	1.721	0.0	13.506	1.826	0.0	1.881	0.0	0.0	1.939	0.0	0.0	2.01	0.0	0.0	2.044	0.0
82	5160	5161	SN	1	0.0	25.777	7.974	0.0	27.233	7.794	0.0	72.715	1.704	0.0	49.613	1.904	0.0	1.881	0.0	0.0	1.939	0.0	0.0	2.01	0.0	0.0	2.044	0.0
83	5160	5161	NS	1	0.0	27.023	11.042	0.0	27.007	10.31	0.0	353.134	5.681	0.0	129.79	5.221	0.0	1.924	0.0	0.0	1.915	0.0	0.0	2.08	0.0	0.0	2.071	0.0
84	5160	5161	NS	1	0.0	27.029	11.017	0.0	27.007	10.306	0.0	354.86	5.694	0.0	137.489	5.232	0.0	1.924	0.0	0.0	1.914	0.0	0.0	2.08	0.0	0.0	2.072	0.0
85	5161	5162	SN	1	0.0	29.726	15.253	0.0	26.472	14.141	0.0	116.063	10.213	0.0	16.738	9.683	0.0	1.881	0.0	0.0	1.959	0.0	0.0	2.015	0.0	0.0	2.039	0.0
86	5161	5162	SN	1	0.0	29.726	15.207	0.0	27.051	14.342	0.0	116.063	10.106	0.0	52.288	9.99	0.0	1.881	0.0	0.0	1.959	0.0	0.0	2.015	0.0	0.0	2.039	0.0
87	5161	5162	NS	1	0.0	27.029	11.009	0.0	26.996	10.258	0.0	355.02	5.731	0.0	139.474	5.18	0.0	1.923	0.0	0.0	1.913	0.0	0.0	2.08	0.0	0.0	2.07	0.0
88	5161	5162	NS	1	0.0	27.222	13.801	0.0	32.561	16.136	0.0	155.261	14.972	0.0	72.908	14.88	0.0	1.924	0.0	0.0	1.922	0.0	0.0	2.079	0.0	0.0	2.07	0.0
89	5161	5162	SN	1	0.0	25.783	8.013	0.0	27.228	7.82	0.0	105.982	1.726	0.0	57.406	1.936	0.0	1.884	0.0	0.0	1.932	0.0	0.0	2.009	0.0	0.0	2.054	0.0
90	5161	5162	SN	1	0.0	25.783	8.013	0.0	27.228	7.82	0.0	105.982	1.726	0.0	57.406	1.936	0.0	1.884	0.0	0.0	1.932	0.0	0.0	2.009	0.0	0.0	2.054	0.0
91	5161	5162	SN	1	0.0	25.783	8.014	0.0	27.228	7.803	0.0	105.982	1.753	0.0	12.343	1.834	0.0	1.884	0.0	0.0	1.932	0.0	0.0	2.009	0.0	0.0	2.054	0.0
92	5161	5162	SN	1	0.0	29.726	15.207	0.0	27.051	14.342	0.0	116.063	10.106	0.0	52.288	9.99	0.0	1.881	0.0	0.0	1.959	0.0	0.0	2.015	0.0	0.0	2.039	0.0
93	5162	5163	NS	1	0.0	27.233	13.771	0.0	32.583	16.178	0.0	158.399	14.965	0.0	80.144	14.908	0.0	1.923	0.0	0.0	1.912	0.0	0.0	2.083	0.0	0.0	2.07	0.0
94	5162	5163	SN	1	0.0	29.709	15.265	0.0	131.536	14.158	0.0	83.872	10.312	0.0	15.365	9.576	0.0	1.88	0.0	0.0	1.96	0.0	0.0	2.013	0.0	0.0	2.039	0.0
95	5162	5163	NS	1	0.0	27.217	13.796	0.0	32.379	16.235	0.0	354.187	14.953	0.0	149.528	14.882	0.0	1.918	0.0	0.0	1.917	0.0	0.0	2.079	0.0	0.0	2.072	0.0
96	5162	5163	SN	1	0.0	25.777	8.051	0.0	168.668	7.795	0.0	79.714	1.735	0.0	11.438	1.827	0.0	1.883	0.0	0.0	1.931	0.0	0.0	2.01	0.0	0.0	2.055	0.0
97	5162	5163	NS	1	0.0	27.018	10.995	0.0	26.99	10.245	0.0	355.196	5.72	0.0	134.494	5.125	0.0	1.922	0.0	0.0	1.913	0.0	0.0	2.083	0.0	0.0	2.07	0.0
98	5162	5163	NS	1	0.0	27.023	11.011	0.0	26.99	10.239	0.0	353.057	5.705	0.0	134.494	5.129	0.0	1.922	0.0	0.0	1.913	0.0	0.0	2.079	0.0	0.0	2.071	0.0
99	5162	5163	SN	1	0.0	29.709	15.195	0.0	131.536	14.465	0.0	83.872	10.142	0.0	53.187	10.019	0.0	1.88	0.0	0.0	1.96	0.0	0.0	2.013	0.0	0.0	2.039	0.0
100	5162	5163	SN	1	0.0	25.777	8.042	0.0	168.668	7.827	0.0	79.714	1.692	0.0	70.862	1.948	0.0	1.883	0.0	0.0	1.931	0.0	0.0	2.01	0.0	0.0	2.055	0.0
101	5162	5163	SN	1	0.0	25.777	8.042	0.0	168.668	7.827	0.0	79.714	1.692	0.0	70.862	1.948	0.0	1.883	0.0	0.0	1.931	0.0	0.0	2.01	0.0	0.0	2.055	0.0
102	5162	5163	SN	1	0.0	29.709	15.195	0.0	131.536	14.465	0.0	83.872	10.142	0.0	53.187	10.019	0.0	1.88	0.0	0.0	1.96	0.0	0.0	2.013	0.0	0.0	2.039	0.0
103	5163	5164	SN	1	0.0	29.72	15.144	0.0	28.32	14.465	0.0	101.586	10.099	0.0	39.482	9.983	0.0	1.881	0.0	0.0	1.958	0.0	0.0	2.015	0.0	0.0	2.039	0.0
104	5163	5164	NS	1	0.0	27.239	13.803	0.0	31.38	16.166	0.0	168.938	14.95	0.0	76.124	14.937	0.0	1.922	0.0	0.0	1.922	0.0	0.0	2.08	0.0	0.0	2.071	0.0
105	5163	5164	NS	1	0.0	27.239	13.796	0.0	33.068	16.215	0.0	173.455	14.981	0.0	193.676	14.945	0.0	1.918	0.0	0.0	1.911	0.0	0.0	2.08	0.0	0.0	2.071	0.0

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

106	5163	5164	SN	1	0.0	25.788	8.057	0.0	27.239	7.753	0.0	84.573	1.757	0.0	11.515	1.803	0.0	1.883	0.0	0.0	1.933	0.0	0.0	2.01	0.0	0.0	2.036	0.0
107	5163	5164	SN	1	0.0	25.788	8.036	0.0	27.239	7.825	0.0	84.573	1.696	0.0	22.396	1.912	0.0	1.883	0.0	0.0	1.933	0.0	0.0	2.01	0.0	0.0	2.036	0.0
108	5163	5164	SN	1	0.0	25.788	8.036	0.0	27.239	7.823	0.0	84.799	1.699	0.0	25.75	1.908	0.0	1.885	0.0	0.0	1.929	0.0	0.0	2.011	0.0	0.0	2.035	0.0
109	5163	5164	SN	1	0.0	32.141	15.206	0.0	25.799	14.007	0.0	101.388	10.349	0.0	14.549	9.319	0.0	1.88	0.0	0.0	1.96	0.0	0.0	2.014	0.0	0.0	2.04	0.0
110	5163	5164	NS	1	0.0	27.029	11.02	0.0	26.985	10.276	0.0	161.813	5.713	0.0	144.868	5.185	0.0	1.925	0.0	0.0	1.913	0.0	0.0	2.08	0.0	0.0	2.071	0.0
111	5163	5164	NS	1	0.0	27.029	11.027	0.0	26.985	10.284	0.0	168.354	5.699	0.0	150.515	5.182	0.0	1.925	0.0	0.0	1.912	0.0	0.0	2.081	0.0	0.0	2.071	0.0
112	5163	5164	SN	1	0.0	32.141	15.134	0.0	28.32	14.434	0.0	101.388	10.127	0.0	39.482	9.961	0.0	1.88	0.0	0.0	1.96	0.0	0.0	2.014	0.0	0.0	2.04	0.0
113	5164	5165	NS	1	0.0	27.211	13.807	0.0	32.798	16.183	0.0	353.641	14.941	0.0	76.079	14.849	0.0	1.922	0.0	0.0	1.915	0.0	0.0	2.08	0.0	0.0	2.073	0.0
114	5164	5165	SN	1	0.0	25.777	7.999	0.0	27.228	7.814	0.0	113.256	1.697	0.0	64.36	1.934	0.0	1.884	0.0	0.0	1.932	0.0	0.0	2.01	0.0	0.0	2.051	0.0
115	5164	5165	SN	1	0.0	30.47	15.116	0.0	27.718	14.486	0.0	126.448	10.091	0.0	62.082	9.933	0.0	1.881	0.0	0.0	1.96	0.0	0.0	2.014	0.0	0.0	2.064	0.0
116	5164	5165	NS	1	0.0	27.023	11.029	0.0	26.99	10.291	0.0	353.641	5.691	0.0	187.129	5.215	0.0	1.923	0.0	0.0	1.913	0.0	0.0	2.08	0.0	0.0	2.072	0.0
117	5164	5165	SN	1	0.0	25.777	7.999	0.0	27.228	7.814	0.0	113.256	1.697	0.0	64.36	1.934	0.0	1.884	0.0	0.0	1.932	0.0	0.0	2.01	0.0	0.0	2.051	0.0
118	5164	5165	SN	1	0.0	30.47	15.116	0.0	27.718	14.486	0.0	126.448	10.091	0.0	62.082	9.933	0.0	1.881	0.0	0.0	1.96	0.0	0.0	2.014	0.0	0.0	2.064	0.0
119	5164	5165	SN	1	0.0	30.47	15.178	0.0	27.134	14.298	0.0	126.448	10.207	0.0	17.46	9.625	0.0	1.881	0.0	0.0	1.96	0.0	0.0	2.014	0.0	0.0	2.064	0.0
120	5164	5165	NS	1	0.0	27.023	11.033	0.0	26.99	10.275	0.0	126.66	5.709	0.0	186.832	5.228	0.0	1.924	0.0	0.0	1.912	0.0	0.0	2.08	0.0	0.0	2.071	0.0
121	5164	5165	SN	1	0.0	25.777	7.995	0.0	27.228	7.793	0.0	113.256	1.725	0.0	12.403	1.821	0.0	1.884	0.0	0.0	1.932	0.0	0.0	2.01	0.0	0.0	2.051	0.0
122	5164	5165	NS	1	0.0	27.217	13.828	0.0	32.29	16.163	0.0	179.494	14.962	0.0	75.859	14.785	0.0	1.923	0.0	0.0	1.917	0.0	0.0	2.08	0.0	0.0	2.07	0.0
123	5165	5166	SN	1	0.0	31.794	15.348	0.0	25.121	13.861	0.0	87.49	10.359	0.0	13.429	8.898	0.0	1.881	0.0	0.0	1.959	0.0	0.0	2.011	0.0	0.0	2.065	0.0
124	5165	5166	NS	1	0.0	27.023	11.07	0.0	26.99	10.289	0.0	354.369	5.676	0.0	164.965	5.29	0.0	1.925	0.0	0.0	1.915	0.0	0.0	2.081	0.0	0.0	2.072	0.0
125	5165	5166	NS	1	0.0	27.029	11.058	0.0	26.99	10.297	0.0	155.609	5.692	0.0	164.965	5.274	0.0	1.924	0.0	0.0	1.913	0.0	0.0	2.08	0.0	0.0	2.072	0.0
126	5165	5166	SN	1	0.0	25.783	7.992	0.0	27.239	7.822	0.0	63.825	1.683	0.0	60.312	1.928	0.0	1.883	0.0	0.0	1.941	0.0	0.0	2.01	0.0	0.0	2.034	0.0
127	5165	5166	SN	1	0.0	25.783	7.994	0.0	27.239	7.824	0.0	63.825	1.684	0.0	60.119	1.93	0.0	1.883	0.0	0.0	1.941	0.0	0.0	2.01	0.0	0.0	2.034	0.0
128	5165	5166	SN	1	0.0	31.794	15.172	0.0	28.364	14.395	0.0	87.49	9.928	0.0	73.024	9.912	0.0	1.881	0.0	0.0	1.959	0.0	0.0	2.011	0.0	0.0	2.065	0.0
129	5165	5166	SN	1	0.0	25.783	8.043	0.0	27.239	7.676	0.0	63.825	1.801	0.0	11.168	1.748	0.0	1.883	0.0	0.0	1.941	0.0	0.0	2.01	0.0	0.0	2.034	0.0
130	5165	5166	SN	1	0.0	31.794	15.192	0.0	27.625	14.405	0.0	87.49	9.935	0.0	72.809	9.897	0.0	1.881	0.0	0.0	1.959	0.0	0.0	2.011	0.0	0.0	2.065	0.0
131	5165	5166	NS	1	0.0	27.239	13.811	0.0	32.516	16.198	0.0	163.098	14.915	0.0	127.595	14.842	0.0	1.924	0.0	0.0	1.928	0.0	0.0	2.08	0.0	0.0	2.073	0.0
132	5165	5166	NS	1	0.0	27.211	13.777	0.0	32.252	16.121	0.0	354.369	14.941	0.0	78.561	14.827	0.0	1.92	0.0	0.0	1.912	0.0	0.0	2.079	0.0	0.0	2.073	0.0
133	5166	5167	SN	1	0.0	25.766	8.025	0.0	27.222	7.711	0.0	73.338	1.836	0.0	10.776	1.714	0.0	1.882	0.0	0.0	1.94	0.0	0.0	2.009	0.0	0.0	2.046	0.0
134	5166	5167	SN	1	0.0	31.402	15.189	0.0	28.369	14.412	0.0	89.1	10.009	0.0	71.342	9.899	0.0	1.881	0.0	0.0	1.961	0.0	0.0	2.012	0.0	0.0	2.028	0.0
135	5166	5167	SN	1	0.0	31.402	15.452	0.0	25.121	13.745	0.0	89.1	10.683	0.0	12.977	8.64	0.0	1.881	0.0	0.0	1.961	0.0	0.0	2.012	0.0	0.0	2.028	0.0
136	5166	5167	NS	1	0.0	27.04	11.073	0.0	27.001	10.284	0.0	149.68	5.699	0.0	145.144	5.323	0.0	1.923	0.0	0.0	1.914	0.0	0.0	2.079	0.0	0.0	2.072	0.0
137	5166	5167	NS	1	0.0	27.035	11.08	0.0	27.001	10.291	0.0	152.504	5.687	0.0	144.752	5.364	0.0	1.925	0.0	0.0	1.913	0.0	0.0	2.08	0.0	0.0	2.07	0.0
138	5166	5167	SN	1	0.0	25.766	7.954	0.0	27.222	7.831	0.0	73.338	1.669	0.0	52.707	1.886	0.0	1.882	0.0	0.0	1.94	0.0	0.0	2.009	0.0	0.0	2.046	0.0
139	5166	5167	NS	1	0.0	27.244	13.761	0.0	32.544	16.132	0.0	161.659	14.936	0.0	68.072	14.841	0.0	1.93	0.0	0.0	1.924	0.0	0.0	2.081	0.0	0.0	2.072	0.0
140	5166	5167	NS	1	0.0	27.228	13.782	0.0	32.55	16.193	0.0	161.405	14.929	0.0	68.292	14.87	0.0	1.928	0.0	0.0	1.926	0.0	0.0	2.08	0.0	0.0	2.072	0.0
141	5167	5168	NS	1	0.0	27.029	11.062	0.0	27.001	10.289	0.0	141.992	5.65	0.0	129.63	5.327	0.0	1.925	0.0	0.0	1.915	0.0	0.0	2.081	0.0	0.0	2.072	0.0
142	5167	5168	SN	1	0.0	25.777	7.927	0.0	27.222	7.838	0.0	73.427	1.666	0.0	48.946	1.897	0.0	1.881	0.0	0.0	1.943	0.0	0.0	2.008	0.0	0.0	2.048	0.0

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

143	5167	5168	SN	1	0.0	31.424	15.21	0.0	27.128	14.382	0.0	90.088	9.974	0.0	67.812	9.892	0.0	1.882	0.0	0.0	1.963	0.0	0.0	2.012	0.0	0.0	2.03	0.0
144	5167	5168	NS	1	0.0	27.217	13.771	0.0	32.577	16.163	0.0	153.033	14.872	0.0	63.875	14.905	0.0	1.924	0.0	0.0	1.927	0.0	0.0	2.08	0.0	0.0	2.073	0.0
145	5168	5169	NS	1	0.0	27.228	13.736	0.0	29.45	16.087	0.0	140.304	14.98	0.0	146.991	14.884	0.0	1.923	0.0	0.0	1.918	0.0	0.0	2.081	0.0	0.0	2.072	0.0
146	5168	5169	NS	1	0.0	27.029	11.067	0.0	26.99	10.294	0.0	354.788	5.708	0.0	138.664	5.345	0.0	1.924	0.0	0.0	1.914	0.0	0.0	2.081	0.0	0.0	2.072	0.0

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