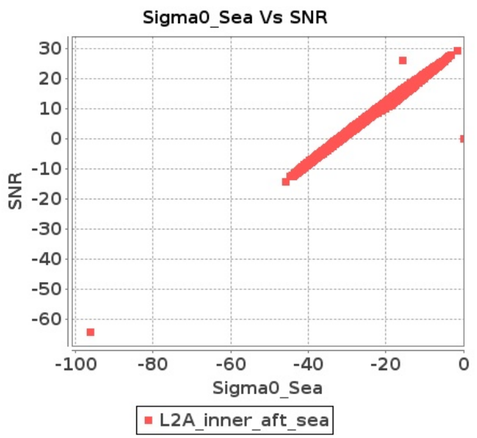
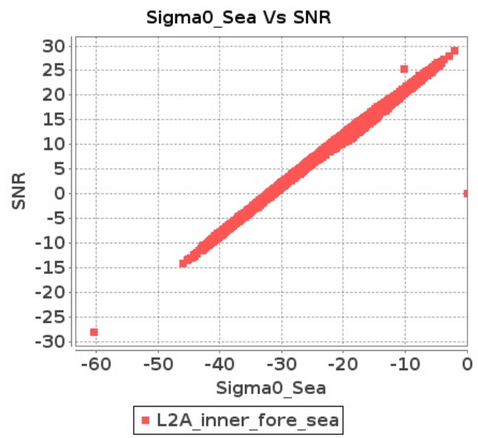
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 14-DEC-2016 To 15-DEC-2016

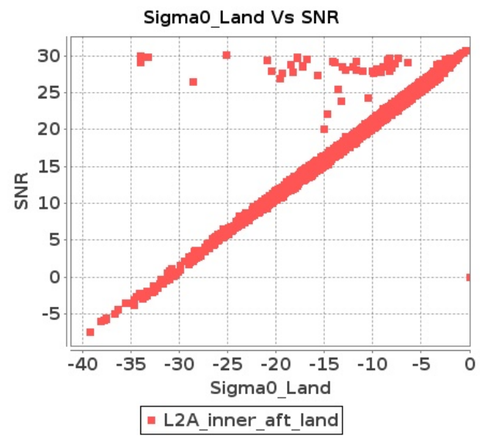
Inner Sea Aft Sigma0VsSNR



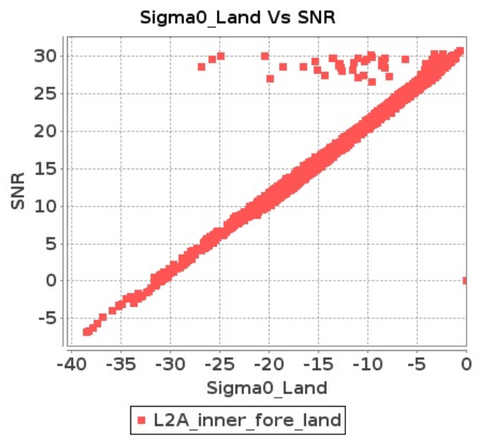
Inner Sea Fore Sigma0VsSNR



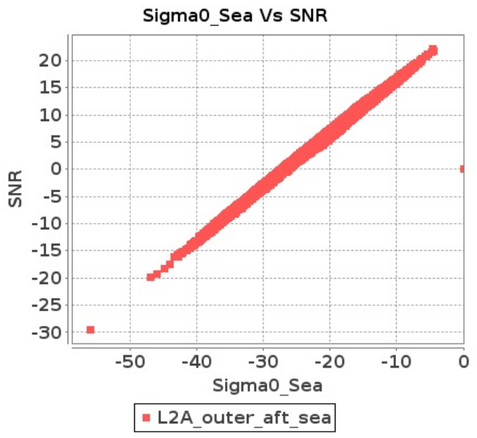
Inner Land Aft Sigma0VsSNR



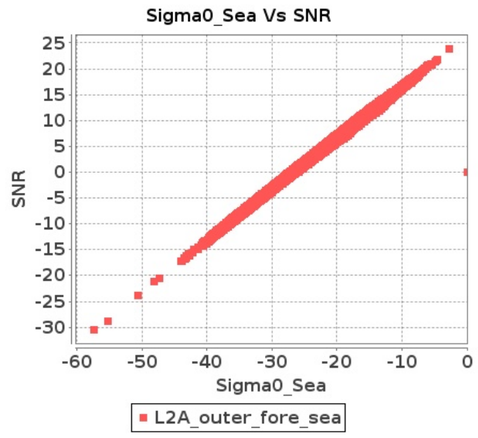
Inner Land Fore Sigma0VsSNR



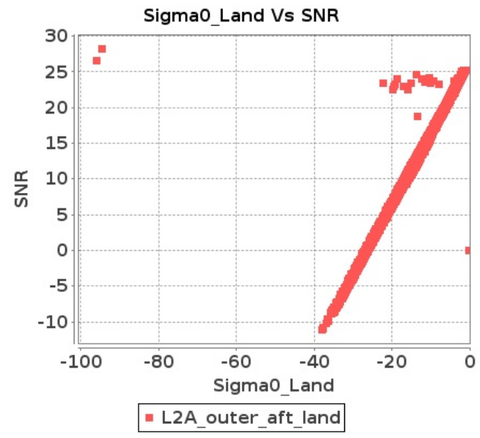
Outer Sea Aft Sigma0VsSNR



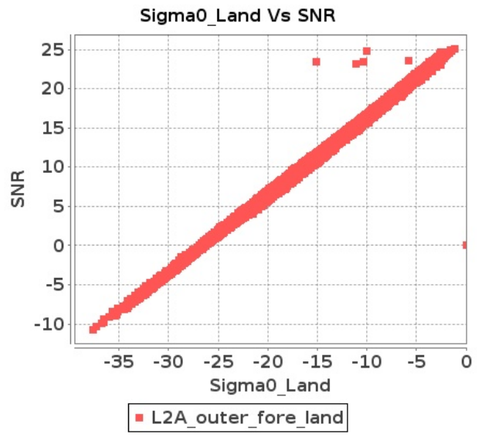
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 14-DEC-2016 To 15-DEC-2016

					SNR												Sigma0											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	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	1144	1145	NS	1	0.0	57.341	9.936	0.0	93.606	9.933	0.0	54.116	8.878	0.0	49.977	8.924	0.0	95.885	10.177	0.0	95.718	10.049	0.0	94.555	8.8	0.0	50.342	8.939
2	1144	1145	NS	1	0.0	95.122	3.46	0.0	95.92	3.047	0.0	57.23	2.837	0.0	54.332	2.898	0.0	95.875	3.535	0.0	95.718	3.16	0.0	94.606	2.885	0.0	94.154	2.88
3	1145	1146	SN	1	0.0	47.627	1.801	0.0	97.486	2.356	0.0	55.09	2.011	0.0	47.411	2.907	0.0	93.746	1.856	0.0	94.988	2.379	0.0	90.039	2.025	0.0	47.328	2.885
4	1145	1146	SN	1	0.0	55.984	5.294	0.0	54.677	6.755	0.0	52.112	5.528	0.0	53.829	7.41	0.0	93.746	5.444	0.0	95.184	6.822	0.0	92.492	5.528	0.0	53.656	7.403
5	1146	1147	NS	1	0.0	44.17	5.453	0.0	56.337	5.779	0.0	55.669	5.376	0.0	50.007	6.187	0.0	94.221	5.586	0.0	94.63	5.813	0.0	95.44	5.404	0.0	50.337	6.18
6	1146	1147	SN	1	0.0	92.436	3.748	0.0	50.768	4.257	0.0	58.647	4.123	0.0	57.364	5.77	0.0	95.629	3.865	0.0	95.282	4.333	0.0	58.851	4.13	0.0	57.468	5.777
7	1146	1147	NS	1	0.0	51.916	1.531	0.0	95.396	1.9	0.0	55.678	1.794	0.0	47.81	2.089	0.0	95.701	1.556	0.0	94.952	1.937	0.0	90.586	1.805	0.0	47.828	2.087
8	1146	1147	SN	1	0.0	88.199	1.092	0.0	43.497	1.441	0.0	56.131	1.43	0.0	51.784	2.078	0.0	95.416	1.121	0.0	95.065	1.448	0.0	56.154	1.421	0.0	51.328	2.068
9	1147	1148	SN	1	0.0	58.719	5.178	0.0	49.192	5.959	0.0	51.249	5.626	0.0	58.641	7.187	0.0	91.709	5.236	0.0	49.263	5.917	0.0	51.254	5.591	0.0	58.519	7.201
10	1147	1148	NS	1	0.0	50.782	1.944	0.0	49.325	1.929	0.0	56.213	1.721	0.0	47.143	1.998	0.0	95.307	1.992	0.0	95.456	1.954	0.0	56.257	1.703	0.0	89.006	1.979
11	1147	1148	NS	1	0.0	53.169	5.934	0.0	60.963	6.235	0.0	52.369	5.161	0.0	47.733	5.702	0.0	95.668	6.034	0.0	95.456	6.376	0.0	52.328	5.19	0.0	92.46	5.78
12	1147	1148	SN	1	0.0	57.78	1.713	0.0	62.445	1.838	0.0	50.59	1.98	0.0	56.185	2.66	0.0	92.559	1.723	0.0	92.641	1.836	0.0	91.824	1.962	0.0	55.797	2.644
13	1148	1149	NS	1	0.0	53.466	0.717	0.0	40.224	0.66	0.0	43.698	0.709	0.0	46.343	0.897	0.0	95.416	0.732	0.0	94.602	0.681	0.0	94.276	0.702	0.0	46.75	0.897
14	1148	1149	NS	1	0.0	56.297	2.639	0.0	49.614	2.658	0.0	51.261	2.399	0.0	47.643	2.794	0.0	57.052	2.73	0.0	94.267	2.717	0.0	51.329	2.441	0.0	47.383	2.829
15	1148	1149	SN	1	0.0	47.1	7.8	0.0	52.485	7.221	0.0	54.445	6.64	0.0	58.407	7.077	0.0	95.568	7.825	0.0	95.402	7.179	0.0	54.653	6.654	0.0	58.28	7.013
16	1148	1149	SN	1	0.0	50.09	2.381	0.0	48.0	2.23	0.0	48.466	2.217	0.0	64.511	2.594	0.0	94.893	2.41	0.0	95.18	2.243	0.0	94.164	2.215	0.0	64.146	2.606
17	1150	1151	NS	1	0.0	40.915	1.282	0.0	44.397	1.329	0.0	47.533	1.314	0.0	51.965	1.632	0.0	95.319	1.318	0.0	95.693	1.364	0.0	84.304	1.295	0.0	52.195	1.617
18	1150	1151	NS	1	0.0	43.882	4.326	0.0	56.319	4.352	0.0	49.11	3.874	0.0	50.929	4.896	0.0	95.319	4.484	0.0	95.693	4.418	0.0	49.016	3.923	0.0	50.978	4.889
19	1152	1153	SN	1	0.0	52.864	1.726	0.0	48.064	1.593	0.0	49.911	1.524	0.0	48.515	1.778	0.0	95.488	1.823	0.0	95.559	1.618	0.0	94.878	1.54	0.0	48.24	1.769
20	1152	1153	SN	1	0.0	53.652	5.9	0.0	44.957	5.454	0.0	56.066	4.6	0.0	48.89	5.23	0.0	95.522	6.133	0.0	95.127	5.546	0.0	95.775	4.614	0.0	48.384	5.201
21	1153	1154	NS	1	0.0	46.693	1.89	0.0	94.429	1.88	0.0	52.419	1.768	0.0	52.759	1.963	0.0	95.449	1.948	0.0	95.82	1.88	0.0	94.337	1.767	0.0	94.111	1.962
22	1153	1154	SN	1	0.0	54.238	1.794	0.0	44.161	1.843	0.0	51.212	1.775	0.0	51.752	2.048	0.0	95.84	1.876	0.0	94.53	1.847	0.0	91.719	1.77	0.0	52.034	2.03
23	1153	1154	NS	1	0.0	57.975	6.31	0.0	60.598	6.268	0.0	51.247	5.181	0.0	48.853	6.135	0.0	95.559	6.434	0.0	95.682	6.31	0.0	95.499	5.188	0.0	93.529	6.092
24	1154	1155	NS	1	0.0	57.306	1.85	0.0	94.551	1.981	0.0	53.447	1.703	0.0	57.271	2.102	0.0	95.116	1.905	0.0	95.247	2.031	0.0	93.876	1.681	0.0	57.39	2.088
25	1154	1155	SN	1	0.0	56.52	7.151	0.0	58.642	6.686	0.0	48.269	5.684	0.0	48.789	5.763	0.0	95.072	7.418	0.0	94.012	6.878	0.0	94.371	5.67	0.0	93.695	5.749
26	1154	1155	SN	1	0.0	56.582	1.929	0.0	47.61	1.735	0.0	50.879	1.816	0.0	51.382	1.994	0.0	95.621	2.055	0.0	95.516	1.769	0.0	95.599	1.819	0.0	51.393	1.966
27	1154	1155	NS	1	0.0	55.848	5.729	0.0	94.873	6.426	0.0	53.398	4.669	0.0	52.626	6.206	0.0	95.775	5.795	0.0	95.288	6.559	0.0	93.673	4.69	0.0	52.744	6.185
28	1155	1156	SN	1	0.0	68.462	5.025	0.0	52.035	4.995	0.0	50.38	4.692	0.0	53.973	4.831	0.0	95.559	5.283	0.0	95.496	5.12	0.0	88.371	4.685	0.0	93.658	4.831
29	1155	1156	SN	1	0.0	53.447	1.522	0.0	43.796	1.392	0.0	44.212	1.406	0.0	49.383	1.371	0.0	95.757	1.629	0.0	95.394	1.437	0.0	44.244	1.399	0.0	95.316	1.377
30	1155	1156	NS	1	0.0	54.642	2.572	0.0	50.689	2.648	0.0	46.266	2.623	0.0	51.442	2.813	0.0	95.45	2.565	0.0	95.621	2.706	0.0	93.299	2.597	0.0	51.112	2.788
31	1155	1156	NS	1	0.0	52.722	7.987	0.0	52.117	8.161	0.0	50.618	7.352	0.0	55.522	7.916	0.0	95.713	8.054	0.0	95.621	8.236	0.0	50.464	7.387	0.0	55.77	7.98

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal Deviations

Alarming High Errors

32	1156	1157	NS	1	0.0	48.26	2.428	0.0	57.912	2.354	0.0	46.436	2.249	0.0	50.519	2.542	0.0	94.539	2.438	0.0	94.864	2.371	0.0	46.386	2.238	0.0	95.133	2.517
33	1156	1157	SN	1	0.0	62.075	3.416	0.0	50.558	4.334	0.0	69.929	4.252	0.0	48.789	4.477	0.0	95.688	3.683	0.0	95.643	4.46	0.0	95.268	4.294	0.0	48.804	4.477
34	1156	1157	SN	1	0.0	62.841	1.117	0.0	47.564	1.481	0.0	52.711	1.495	0.0	54.792	1.734	0.0	95.798	1.241	0.0	95.643	1.558	0.0	95.159	1.502	0.0	54.99	1.716
35	1156	1157	NS	1	0.0	49.589	7.43	0.0	60.771	7.638	0.0	58.877	6.085	0.0	50.728	7.77	0.0	95.441	7.489	0.0	95.037	7.696	0.0	59.006	6.007	0.0	50.475	7.777
36	1157	1158	SN	1	0.0	48.235	4.366	0.0	46.111	4.585	0.0	53.806	4.543	0.0	58.313	5.68	0.0	95.06	4.466	0.0	95.246	4.618	0.0	53.511	4.528	0.0	93.249	5.659
37	1157	1158	NS	1	0.0	54.021	3.196	0.0	48.684	3.69	0.0	51.19	3.052	0.0	42.465	4.019	0.0	95.653	3.37	0.0	95.757	3.781	0.0	94.567	3.074	0.0	95.529	3.969
38	1157	1158	SN	1	0.0	43.474	1.34	0.0	59.679	1.604	0.0	46.684	1.531	0.0	58.466	1.984	0.0	95.427	1.391	0.0	95.322	1.629	0.0	92.872	1.515	0.0	58.286	1.977
39	1157	1158	NS	1	0.0	49.263	1.085	0.0	44.481	1.088	0.0	43.779	1.025	0.0	46.772	1.439	0.0	95.504	1.146	0.0	95.757	1.104	0.0	94.986	1.034	0.0	95.529	1.433
40	1158	1159	NS	1	0.0	99.328	1.707	0.0	100.425	1.802	0.0	44.957	1.514	0.0	48.735	1.917	0.0	95.553	1.742	0.0	94.993	1.862	0.0	44.95	1.477	0.0	94.325	1.909
41	1158	1159	SN	1	0.0	42.177	1.834	0.0	41.967	2.149	0.0	37.897	1.97	0.0	43.237	2.815	0.0	93.823	1.925	0.0	90.862	2.183	0.0	37.85	1.977	0.0	43.365	2.779
42	1158	1159	SN	1	0.0	41.039	0.455	0.0	55.197	0.502	0.0	39.074	0.673	0.0	50.33	0.959	0.0	94.828	0.476	0.0	94.806	0.517	0.0	38.89	0.663	0.0	50.081	0.946
43	1158	1159	NS	1	0.0	97.64	5.224	0.0	99.766	6.242	0.0	44.925	4.576	0.0	58.56	6.03	0.0	95.529	5.384	0.0	95.485	6.362	0.0	44.622	4.55	0.0	58.669	6.005
44	1159	1160	NS	1	0.0	87.242	2.917	0.0	95.238	2.42	0.0	48.322	2.513	0.0	49.875	2.557	0.0	95.356	3.086	0.0	95.29	2.525	0.0	95.331	2.52	0.0	93.83	2.546
45	1159	1160	SN	1	0.0	50.001	2.0	0.0	49.26	1.765	0.0	58.241	1.653	0.0	50.856	1.718	0.0	91.068	2.029	0.0	92.653	1.784	0.0	91.987	1.656	0.0	50.871	1.697
46	1159	1160	NS	1	0.0	59.553	8.849	0.0	99.327	8.855	0.0	60.697	7.72	0.0	50.681	7.633	0.0	95.535	9.09	0.0	94.818	8.972	0.0	95.756	7.805	0.0	50.681	7.69
47	1159	1160	SN	1	0.0	56.26	6.558	0.0	53.652	6.008	0.0	49.179	5.109	0.0	49.25	5.409	0.0	57.037	6.633	0.0	92.143	6.151	0.0	48.908	5.102	0.0	49.26	5.431
48	1160	1161	SN	1	0.0	93.968	2.21	0.0	96.145	2.23	0.0	50.661	2.286	0.0	54.051	2.579	0.0	94.855	2.253	0.0	94.055	2.23	0.0	50.783	2.281	0.0	53.687	2.558
49	1160	1161	SN	1	0.0	92.538	6.769	0.0	95.602	6.498	0.0	56.158	6.539	0.0	48.222	7.087	0.0	93.336	6.769	0.0	95.316	6.532	0.0	56.28	6.503	0.0	48.613	7.08
50	1160	1161	NS	1	0.0	94.813	6.292	0.0	95.75	7.033	0.0	56.866	4.938	0.0	52.255	5.879	0.0	93.835	6.316	0.0	95.8	7.083	0.0	93.16	4.974	0.0	52.47	5.836
51	1160	1161	NS	1	0.0	92.681	1.927	0.0	95.75	2.102	0.0	48.101	1.713	0.0	47.484	1.983	0.0	93.915	1.944	0.0	95.904	2.125	0.0	94.127	1.701	0.0	47.343	1.994
52	1162	1163	NS	1	0.0	58.2	1.378	0.0	48.528	1.431	0.0	55.559	1.319	0.0	43.779	1.469	0.0	95.246	1.435	0.0	95.068	1.464	0.0	55.644	1.311	0.0	43.659	1.464
53	1162	1163	NS	1	0.0	54.939	4.865	0.0	45.386	4.733	0.0	63.074	4.11	0.0	48.313	4.952	0.0	94.073	4.982	0.0	94.725	4.899	0.0	94.398	4.145	0.0	47.925	4.98
54	1162	1163	SN	1	0.0	63.016	7.218	0.0	54.164	7.163	0.0	63.28	6.729	0.0	48.854	7.817	0.0	62.982	7.227	0.0	54.352	7.113	0.0	94.662	6.687	0.0	48.811	7.717
55	1162	1163	SN	1	0.0	53.85	2.432	0.0	52.945	2.239	0.0	53.059	2.359	0.0	47.399	2.768	0.0	95.23	2.442	0.0	52.658	2.227	0.0	52.852	2.361	0.0	47.424	2.726
56	1163	1164	SN	1	0.0	49.11	2.735	0.0	54.123	2.598	0.0	47.272	2.649	0.0	61.786	2.793	0.0	95.768	2.767	0.0	94.53	2.603	0.0	93.607	2.622	0.0	61.624	2.785
57	1163	1164	NS	1	0.0	50.448	6.791	0.0	56.827	6.977	0.0	55.516	6.267	0.0	53.766	6.691	0.0	93.829	6.833	0.0	91.756	7.01	0.0	55.844	6.324	0.0	54.006	6.67
58	1163	1164	SN	1	0.0	45.658	8.271	0.0	55.904	8.341	0.0	57.876	7.465	0.0	50.714	8.153	0.0	95.449	8.339	0.0	94.374	8.351	0.0	94.186	7.415	0.0	50.558	8.187
59	1163	1164	NS	1	0.0	49.68	2.202	0.0	53.758	1.93	0.0	52.573	1.958	0.0	53.198	2.234	0.0	93.829	2.236	0.0	54.04	1.957	0.0	52.482	1.959	0.0	53.127	2.209
60	1164	1165	SN	1	0.0	52.968	8.174	0.0	54.284	7.636	0.0	54.595	6.86	0.0	48.805	7.488	0.0	93.836	8.293	0.0	54.371	7.736	0.0	95.106	6.826	0.0	95.428	7.462
61	1164	1165	NS	1	0.0	61.405	6.652	0.0	55.588	6.27	0.0	49.04	5.689	0.0	55.35	6.028	0.0	95.665	6.91	0.0	95.29	6.519	0.0	48.925	5.696	0.0	55.998	5.985
62	1164	1165	SN	1	0.0	50.91	2.526	0.0	51.404	2.324	0.0	57.901	2.268	0.0	52.101	2.414	0.0	93.588	2.549	0.0	92.857	2.327	0.0	95.128	2.282	0.0	95.524	2.406
63	1164	1165	NS	1	0.0	45.678	1.998	0.0	49.26	1.849	0.0	50.899	1.831	0.0	55.315	1.862	0.0	95.36	2.056	0.0	95.21	1.897	0.0	50.837	1.84	0.0	55.169	1.869

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal
Deviations
Alarming
High Errors

					Azimuth Angle												Incidence Angle											
					Inner Aft			Inner Fore			Outer Aft			Outer Fore			Inner Aft			Inner Fore			Outer Aft			Outer Fore		
Sr No	Start Orbit	End Orbit	Dir.	Ver.	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	1144	1145	NS	1	0.0	46.409	24.521	0.0	47.848	24.084	0.0	24.845	12.523	0.0	27.217	12.082	0.0	1.824	0.0	0.0	1.832	0.0	0.0	2.162	0.0	0.0	2.173	0.0
2	1144	1145	NS	1	0.0	39.446	12.546	0.0	40.772	12.65	0.0	19.97	3.445	0.0	22.363	3.549	0.0	1.824	0.0	0.0	1.831	0.0	0.0	2.161	0.0	0.0	2.173	0.0
3	1145	1146	SN	1	0.0	38.269	12.816	0.0	37.987	13.023	0.0	24.784	5.888	0.0	19.429	5.702	0.0	1.867	0.0	0.0	1.863	0.0	0.0	2.215	0.0	0.0	2.208	0.0
4	1145	1146	SN	1	0.0	46.58	24.637	0.0	47.258	24.513	0.0	28.126	15.386	0.0	24.415	14.892	0.0	1.867	0.0	0.0	1.862	0.0	0.0	2.215	0.0	0.0	2.208	0.0
5	1146	1147	NS	1	0.0	46.398	24.477	0.0	47.832	24.047	0.0	24.84	12.504	0.0	27.217	12.025	0.0	1.824	0.0	0.0	1.831	0.0	0.0	2.161	0.0	0.0	2.172	0.0
6	1146	1147	SN	1	0.0	45.99	24.631	0.0	47.037	24.59	0.0	28.375	15.457	0.0	26.13	15.083	0.0	1.867	0.0	0.0	1.863	0.0	0.0	2.216	0.0	0.0	2.206	0.0
7	1146	1147	NS	1	0.0	38.966	12.511	0.0	40.761	12.624	0.0	20.45	3.445	0.0	22.352	3.534	0.0	1.823	0.0	0.0	1.831	0.0	0.0	2.16	0.0	0.0	2.172	0.0
8	1146	1147	SN	1	0.0	38.395	12.866	0.0	39.424	13.066	0.0	24.514	5.925	0.0	20.008	5.874	0.0	1.867	0.0	0.0	1.862	0.0	0.0	2.216	0.0	0.0	2.208	0.0
9	1147	1148	SN	1	0.0	46.574	24.637	0.0	47.28	24.412	0.0	28.149	15.42	0.0	29.674	14.964	0.0	1.868	0.0	0.0	1.862	0.0	0.0	2.216	0.0	0.0	2.209	0.0
10	1147	1148	NS	1	0.0	38.79	12.575	0.0	40.756	12.613	0.0	20.444	3.458	0.0	22.347	3.539	0.0	1.823	0.0	0.0	1.83	0.0	0.0	2.157	0.0	0.0	2.171	0.0
11	1147	1148	NS	1	0.0	46.381	24.525	0.0	47.821	24.018	0.0	24.773	12.629	0.0	27.338	12.109	0.0	1.824	0.0	0.0	1.831	0.0	0.0	2.158	0.0	0.0	2.172	0.0
12	1147	1148	SN	1	0.0	38.401	12.837	0.0	38.004	13.037	0.0	24.409	5.954	0.0	90.107	5.809	0.0	1.867	0.0	0.0	1.863	0.0	0.0	2.216	0.0	0.0	2.208	0.0
13	1148	1149	NS	1	0.0	39.201	12.447	0.0	40.745	12.563	0.0	20.439	3.491	0.0	22.336	3.439	0.0	1.823	0.0	0.0	1.83	0.0	0.0	2.159	0.0	0.0	2.171	0.0
14	1148	1149	NS	1	0.0	46.365	24.49	0.0	47.81	23.843	0.0	24.773	12.599	0.0	27.2	11.816	0.0	1.824	0.0	0.0	1.83	0.0	0.0	2.16	0.0	0.0	2.172	0.0
15	1148	1149	SN	1	0.0	46.596	24.633	0.0	47.286	24.498	0.0	28.154	15.449	0.0	25.854	15.214	0.0	1.868	0.0	0.0	1.862	0.0	0.0	2.216	0.0	0.0	2.208	0.0
16	1148	1149	SN	1	0.0	38.39	12.858	0.0	39.672	12.972	0.0	24.404	5.911	0.0	19.953	5.92	0.0	1.867	0.0	0.0	1.863	0.0	0.0	2.216	0.0	0.0	2.207	0.0
17	1150	1151	NS	1	0.0	38.817	12.471	0.0	40.728	12.634	0.0	20.405	3.498	0.0	22.33	3.546	0.0	1.823	0.0	0.0	1.83	0.0	0.0	2.159	0.0	0.0	2.171	0.0
18	1150	1151	NS	1	0.0	46.354	24.51	0.0	47.782	23.976	0.0	24.801	12.617	0.0	28.099	12.044	0.0	1.823	0.0	0.0	1.831	0.0	0.0	2.16	0.0	0.0	2.172	0.0
19	1152	1153	SN	1	0.0	38.467	12.871	0.0	40.386	13.034	0.0	24.051	5.794	0.0	20.003	5.733	0.0	1.867	0.0	0.0	1.861	0.0	0.0	2.215	0.0	0.0	2.206	0.0
20	1152	1153	SN	1	0.0	46.056	24.673	0.0	47.589	24.678	0.0	28.419	15.202	0.0	26.108	15.163	0.0	1.867	0.0	0.0	1.862	0.0	0.0	2.216	0.0	0.0	2.206	0.0
21	1153	1154	NS	1	0.0	39.358	12.45	0.0	40.85	12.574	0.0	20.047	3.489	0.0	22.17	3.548	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.158	0.0	0.0	2.171	0.0
22	1153	1154	SN	1	0.0	38.445	12.878	0.0	39.215	13.024	0.0	23.659	5.851	0.0	19.992	5.786	0.0	1.867	0.0	0.0	1.863	0.0	0.0	2.215	0.0	0.0	2.206	0.0
23	1153	1154	NS	1	0.0	45.907	24.541	0.0	47.765	24.134	0.0	24.36	12.589	0.0	27.277	12.048	0.0	1.822	0.0	0.0	1.831	0.0	0.0	2.159	0.0	0.0	2.172	0.0
24	1154	1155	NS	1	0.0	39.369	12.471	0.0	40.844	12.582	0.0	20.019	3.491	0.0	22.159	3.555	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.158	0.0	0.0	2.171	0.0
25	1154	1155	SN	1	0.0	46.083	24.712	0.0	47.12	24.651	0.0	28.413	15.302	0.0	26.103	15.127	0.0	1.867	0.0	0.0	1.862	0.0	0.0	2.215	0.0	0.0	2.207	0.0
26	1154	1155	SN	1	0.0	38.445	12.871	0.0	39.374	13.018	0.0	24.575	5.836	0.0	19.992	5.809	0.0	1.867	0.0	0.0	1.861	0.0	0.0	2.215	0.0	0.0	2.206	0.0
27	1154	1155	NS	1	0.0	45.901	24.525	0.0	47.76	24.01	0.0	24.349	12.583	0.0	27.272	12.034	0.0	1.822	0.0	0.0	1.831	0.0	0.0	2.159	0.0	0.0	2.172	0.0
28	1155	1156	SN	1	0.0	46.078	24.65	0.0	47.126	24.607	0.0	28.386	15.331	0.0	26.097	15.142	0.0	1.867	0.0	0.0	1.861	0.0	0.0	2.215	0.0	0.0	2.206	0.0
29	1155	1156	SN	1	0.0	38.423	12.871	0.0	39.363	13.029	0.0	24.553	5.847	0.0	19.986	5.811	0.0	1.867	0.0	0.0	1.861	0.0	0.0	2.215	0.0	0.0	2.206	0.0
30	1155	1156	NS	1	0.0	39.209	12.482	0.0	40.839	12.591	0.0	20.047	3.48	0.0	22.159	3.553	0.0	1.822	0.0	0.0	1.831	0.0	0.0	2.158	0.0	0.0	2.172	0.0
31	1155	1156	NS	1	0.0	45.863	24.552	0.0	47.754	24.002	0.0	24.354	12.547	0.0	27.272	12.084	0.0	1.822	0.0	0.0	1.831	0.0	0.0	2.159	0.0	0.0	2.172	0.0

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

Normal
Alarming
Deviations
High Errors

32	1156	1157	NS	1	0.0	39.215	12.479	0.0	40.828	12.51	0.0	20.036	3.493	0.0	21.431	3.473	0.0	1.823	0.0	0.0	1.831	0.0	0.0	2.159	0.0	0.0	2.172	0.0
33	1156	1157	SN	1	0.0	46.491	24.673	0.0	47.142	24.59	0.0	28.077	15.384	0.0	26.08	15.133	0.0	1.867	0.0	0.0	1.861	0.0	0.0	2.215	0.0	0.0	2.205	0.0
34	1156	1157	SN	1	0.0	38.335	12.864	0.0	39.738	13.014	0.0	24.658	5.837	0.0	20.042	5.795	0.0	1.867	0.0	0.0	1.862	0.0	0.0	2.215	0.0	0.0	2.206	0.0
35	1156	1157	NS	1	0.0	45.256	24.566	0.0	47.738	23.861	0.0	24.343	12.633	0.0	27.261	11.854	0.0	1.823	0.0	0.0	1.831	0.0	0.0	2.16	0.0	0.0	2.172	0.0
36	1157	1158	SN	1	0.0	46.497	24.685	0.0	47.17	24.571	0.0	28.071	15.385	0.0	26.064	15.09	0.0	1.867	0.0	0.0	1.862	0.0	0.0	2.216	0.0	0.0	2.205	0.0
37	1157	1158	NS	1	0.0	46.486	24.552	0.0	48.962	23.949	0.0	24.313	12.544	0.0	28.176	11.943	0.0	1.823	0.0	0.0	1.831	0.0	0.0	2.16	0.0	0.0	2.173	0.0
38	1157	1158	SN	1	0.0	38.594	12.872	0.0	39.727	13.028	0.0	24.669	5.838	0.0	20.058	5.797	0.0	1.866	0.0	0.0	1.862	0.0	0.0	2.215	0.0	0.0	2.206	0.0
39	1157	1158	NS	1	0.0	38.691	12.507	0.0	40.822	12.527	0.0	20.003	3.486	0.0	21.431	3.484	0.0	1.822	0.0	0.0	1.831	0.0	0.0	2.159	0.0	0.0	2.172	0.0
40	1158	1159	NS	1	0.0	38.324	12.576	0.0	40.811	12.784	0.0	19.997	3.383	0.0	22.374	3.634	0.0	1.823	0.0	0.0	1.831	0.0	0.0	2.159	0.0	0.0	2.172	0.0
41	1158	1159	SN	1	0.0	46.53	24.679	0.0	47.666	24.463	0.0	28.093	15.32	0.0	24.332	14.902	0.0	1.867	0.0	0.0	1.862	0.0	0.0	2.215	0.0	0.0	2.205	0.0
42	1158	1159	SN	1	0.0	38.489	12.845	0.0	40.601	13.05	0.0	23.698	5.796	0.0	20.069	5.639	0.0	1.866	0.0	0.0	1.861	0.0	0.0	2.215	0.0	0.0	2.207	0.0
43	1158	1159	NS	1	0.0	46.475	24.79	0.0	48.957	24.667	0.0	24.31	12.381	0.0	28.171	12.769	0.0	1.823	0.0	0.0	1.831	0.0	0.0	2.16	0.0	0.0	2.172	0.0
44	1159	1160	NS	1	0.0	39.264	12.498	0.0	40.811	12.572	0.0	20.141	3.489	0.0	22.225	3.547	0.0	1.822	0.0	0.0	1.831	0.0	0.0	2.158	0.0	0.0	2.172	0.0
45	1159	1160	SN	1	0.0	38.473	12.821	0.0	39.722	13.058	0.0	24.669	5.809	0.0	20.075	5.727	0.0	1.866	0.0	0.0	1.862	0.0	0.0	2.214	0.0	0.0	2.207	0.0
46	1159	1160	NS	1	0.0	45.808	24.523	0.0	48.951	24.124	0.0	24.357	12.579	0.0	28.171	12.087	0.0	1.822	0.0	0.0	1.831	0.0	0.0	2.159	0.0	0.0	2.172	0.0
47	1159	1160	SN	1	0.0	46.508	24.7	0.0	47.688	24.611	0.0	28.088	15.37	0.0	26.075	15.16	0.0	1.866	0.0	0.0	1.861	0.0	0.0	2.215	0.0	0.0	2.206	0.0
48	1160	1161	SN	1	0.0	37.32	12.834	0.0	39.722	13.031	0.0	22.606	5.681	0.0	19.937	5.724	0.0	1.866	0.0	0.0	1.862	0.0	0.0	2.215	0.0	0.0	2.207	0.0
49	1160	1161	SN	1	0.0	42.576	24.599	0.0	43.574	24.663	0.0	25.22	15.249	0.0	26.08	15.067	0.0	1.866	0.0	0.0	1.861	0.0	0.0	2.215	0.0	0.0	2.207	0.0
50	1160	1161	NS	1	0.0	45.808	24.568	0.0	48.935	24.089	0.0	24.352	12.616	0.0	28.154	12.086	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.159	0.0	0.0	2.172	0.0
51	1160	1161	NS	1	0.0	39.424	12.47	0.0	40.8	12.581	0.0	19.826	3.49	0.0	22.369	3.542	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.158	0.0	0.0	2.171	0.0
52	1162	1163	NS	1	0.0	38.542	12.409	0.0	40.794	12.569	0.0	19.959	3.512	0.0	22.358	3.52	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.158	0.0	0.0	2.171	0.0
53	1162	1163	NS	1	0.0	45.791	24.527	0.0	48.918	24.07	0.0	24.363	12.621	0.0	28.149	12.07	0.0	1.823	0.0	0.0	1.83	0.0	0.0	2.159	0.0	0.0	2.171	0.0
54	1162	1163	SN	1	0.0	38.445	24.401	0.0	40.83	24.799	0.0	22.567	14.867	0.0	25.893	15.685	0.0	1.867	0.0	0.0	1.862	0.0	0.0	2.216	0.0	0.0	2.208	0.0
55	1162	1163	SN	1	0.0	37.21	12.664	0.0	39.59	13.154	0.0	17.946	5.568	0.0	19.97	6.032	0.0	1.867	0.0	0.0	1.861	0.0	0.0	2.215	0.0	0.0	2.208	0.0
56	1163	1164	SN	1	0.0	37.193	12.653	0.0	39.705	13.173	0.0	17.935	5.566	0.0	19.981	6.019	0.0	1.867	0.0	0.0	1.862	0.0	0.0	2.216	0.0	0.0	2.207	0.0
57	1163	1164	NS	1	0.0	45.168	24.516	0.0	48.907	23.887	0.0	24.249	12.585	0.0	27.354	11.907	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.159	0.0	0.0	2.171	0.0
58	1163	1164	SN	1	0.0	38.434	24.361	0.0	40.825	24.806	0.0	22.567	14.846	0.0	25.893	15.702	0.0	1.867	0.0	0.0	1.863	0.0	0.0	2.216	0.0	0.0	2.207	0.0
59	1163	1164	NS	1	0.0	39.43	12.423	0.0	40.778	12.525	0.0	19.959	3.529	0.0	22.358	3.453	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.158	0.0	0.0	2.17	0.0
60	1164	1165	SN	1	0.0	38.423	24.414	0.0	40.808	24.898	0.0	22.545	14.733	0.0	25.871	15.808	0.0	1.867	0.0	0.0	1.862	0.0	0.0	2.215	0.0	0.0	2.207	0.0
61	1164	1165	NS	1	0.0	45.747	24.466	0.0	48.896	24.008	0.0	24.244	12.56	0.0	28.132	11.991	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.159	0.0	0.0	2.171	0.0
62	1164	1165	SN	1	0.0	37.182	12.671	0.0	39.694	13.211	0.0	17.918	5.584	0.0	19.964	6.062	0.0	1.867	0.0	0.0	1.862	0.0	0.0	2.215	0.0	0.0	2.207	0.0
63	1164	1165	NS	1	0.0	38.547	12.431	0.0	40.778	12.555	0.0	19.959	3.511	0.0	22.352	3.545	0.0	1.822	0.0	0.0	1.83	0.0	0.0	2.158	0.0	0.0	2.171	0.0

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

Normal
Deviations
Alarming
High Errors