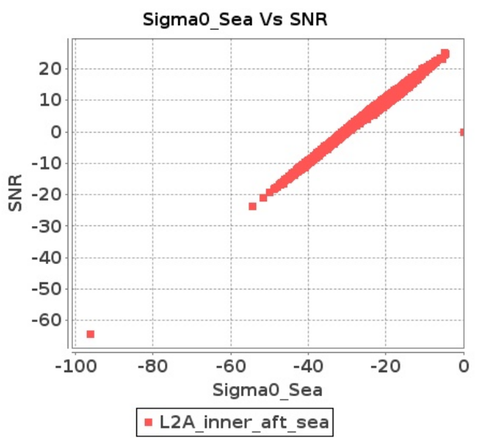
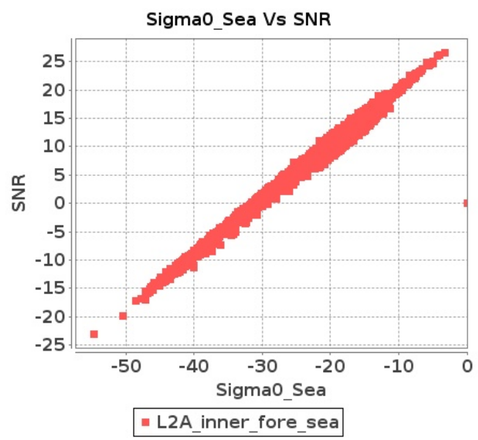
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 14-JUL-2018 To 15-JUL-2018

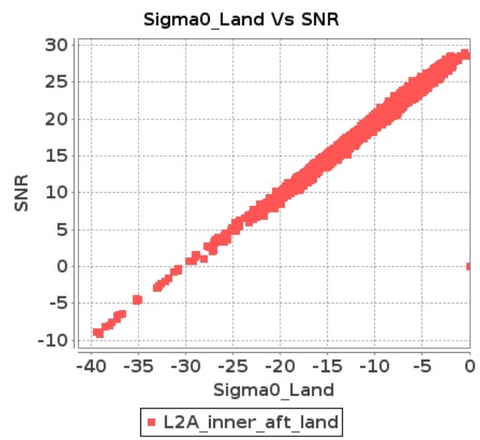
Inner Sea Aft Sigma0VsSNR



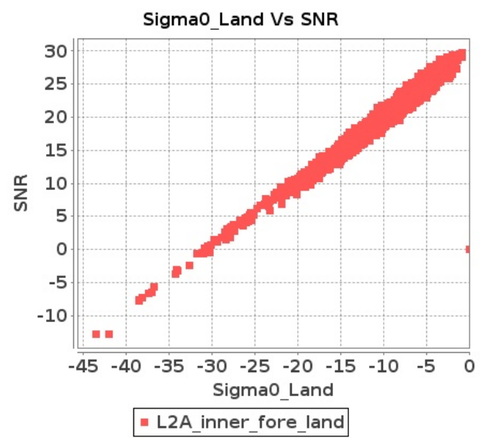
Inner Sea Fore Sigma0VsSNR



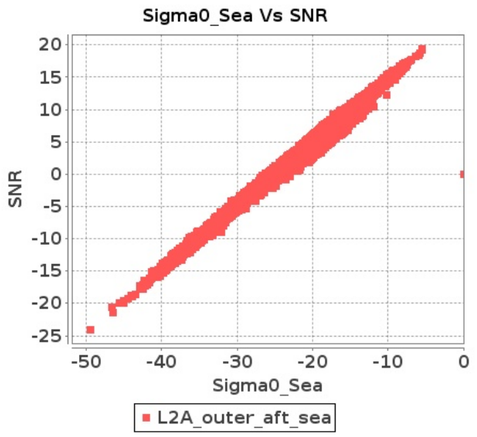
Inner Land Aft Sigma0VsSNR



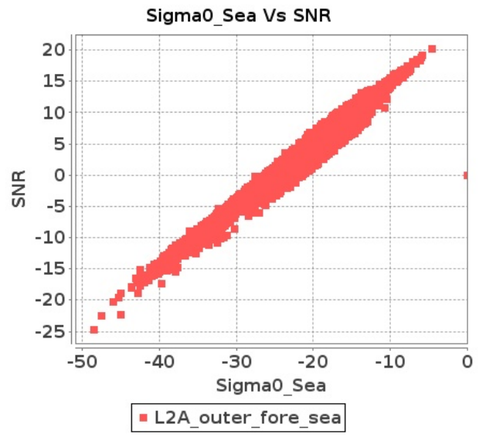
Inner Land Fore Sigma0VsSNR



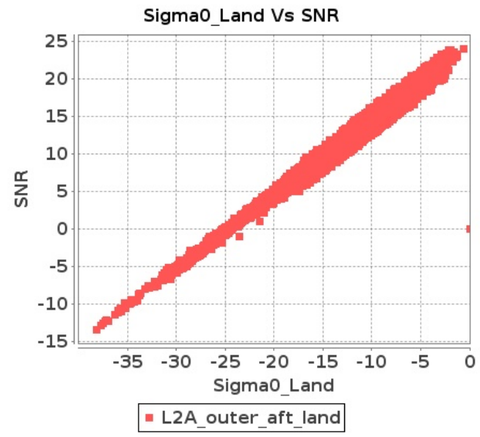
Outer Sea Aft Sigma0VsSNR



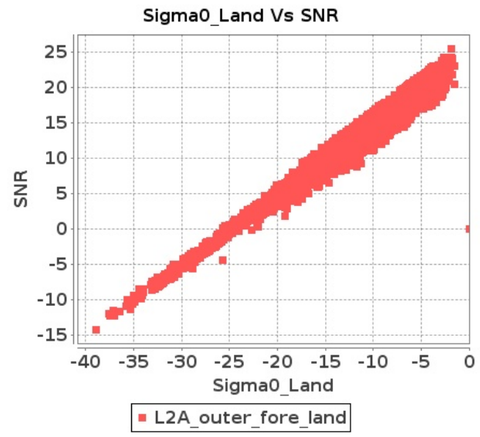
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 14-JUL-2018 To 15-JUL-2018

					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	9523	9524	SN	1	0.0	52.139	4.428	0.0	51.518	4.681	0.0	43.124	3.808	0.0	43.745	4.423	0.0	51.139	4.428	0.0	51.96	4.448	0.0	43.257	3.575	0.0	44.77	3.741
2	9523	9524	SN	1	0.0	45.964	4.639	0.0	51.518	4.95	0.0	42.747	3.799	0.0	43.745	4.663	0.0	47.147	4.617	0.0	51.96	4.684	0.0	42.154	3.583	0.0	44.77	3.947
3	9524	9525	SN	1	0.0	53.133	2.69	0.0	48.557	3.098	0.0	44.216	2.912	0.0	45.57	3.856	0.0	52.383	2.69	0.0	47.901	2.816	0.0	43.557	2.869	0.0	45.6	3.012
4	9524	9525	SN	1	0.0	48.299	2.752	0.0	48.557	3.147	0.0	44.085	2.955	0.0	45.572	3.895	0.0	47.522	2.72	0.0	47.901	2.882	0.0	43.424	2.897	0.0	45.6	3.053
5	9524	9525	NS	1	0.0	49.212	2.419	0.0	50.694	2.244	0.0	45.033	1.902	0.0	45.008	1.996	0.0	49.451	2.48	0.0	49.144	2.052	0.0	42.642	1.767	0.0	45.997	1.604
6	9524	9525	NS	1	0.0	44.653	2.266	0.0	52.292	2.112	0.0	44.374	1.803	0.0	48.805	1.938	0.0	44.768	2.348	0.0	51.116	1.849	0.0	43.843	1.596	0.0	45.883	1.589
7	9524	9525	SN	1	0.0	52.454	2.69	0.0	48.557	3.098	0.0	44.085	2.912	0.0	45.572	3.841	0.0	51.703	2.679	0.0	47.901	2.837	0.0	43.424	2.854	0.0	45.6	3.012
8	9525	9526	SN	1	0.0	41.353	3.028	0.0	51.999	3.59	0.0	43.922	3.611	0.0	46.982	4.791	0.0	41.524	3.079	0.0	52.481	3.077	0.0	43.236	3.525	0.0	46.911	4.065
9	9525	9526	NS	1	0.0	40.966	1.323	0.0	44.544	1.544	0.0	40.363	1.626	0.0	46.317	2.101	0.0	42.646	1.313	0.0	43.481	1.454	0.0	38.015	1.519	0.0	46.378	1.88
10	9525	9526	NS	1	0.0	44.042	1.323	0.0	44.891	1.585	0.0	41.334	1.633	0.0	46.758	2.122	0.0	43.989	1.323	0.0	43.828	1.454	0.0	38.986	1.512	0.0	46.83	1.915
11	9526	9527	NS	1	0.0	49.399	1.73	0.0	50.084	1.928	0.0	47.504	1.882	0.0	49.318	2.635	0.0	49.516	1.709	0.0	46.807	1.767	0.0	48.758	1.676	0.0	47.847	1.972
12	9527	9528	SN	1	0.0	42.19	2.708	0.0	46.9	3.322	0.0	38.403	3.297	0.0	41.538	4.386	0.0	43.895	2.768	0.0	45.013	3.049	0.0	39.691	3.361	0.0	44.412	4.18
13	9527	9528	NS	1	0.0	49.55	3.601	0.0	53.226	4.144	0.0	41.899	3.115	0.0	44.77	4.095	0.0	50.611	3.703	0.0	50.719	4.073	0.0	41.037	3.058	0.0	44.278	3.782
14	9527	9528	NS	1	0.0	49.592	3.581	0.0	53.226	4.175	0.0	41.9	3.108	0.0	44.77	4.074	0.0	50.655	3.693	0.0	50.719	4.074	0.0	41.037	3.066	0.0	44.278	3.761
15	9528	9529	SN	1	0.0	49.346	4.153	0.0	45.049	4.773	0.0	41.333	3.636	0.0	39.764	4.8	0.0	49.336	4.09	0.0	44.846	4.212	0.0	41.845	3.458	0.0	43.076	3.687
16	9528	9529	NS	1	0.0	49.373	5.723	0.0	54.592	6.453	0.0	47.041	5.046	0.0	47.519	6.192	0.0	50.177	5.814	0.0	57.256	6.503	0.0	50.124	4.896	0.0	44.492	5.828
17	9528	9529	SN	1	0.0	50.298	4.051	0.0	45.049	4.618	0.0	41.333	3.63	0.0	41.596	4.62	0.0	50.985	3.991	0.0	44.846	4.112	0.0	41.845	3.467	0.0	43.076	3.563
18	9528	9529	NS	1	0.0	49.373	5.723	0.0	54.592	6.433	0.0	46.362	5.053	0.0	47.519	6.17	0.0	50.177	5.814	0.0	57.256	6.524	0.0	49.446	4.889	0.0	44.238	5.778
19	9529	9530	SN	1	0.0	54.105	8.401	0.0	53.778	10.557	0.0	44.612	6.407	0.0	46.811	8.991	0.0	54.726	8.336	0.0	52.807	9.822	0.0	44.06	6.286	0.0	46.873	8.256
20	9530	9531	SN	1	0.0	51.416	5.197	0.0	54.649	7.705	0.0	47.422	3.544	0.0	44.747	5.155	0.0	52.143	5.239	0.0	53.994	7.333	0.0	49.016	3.218	0.0	44.17	4.502
21	9530	9531	SN	1	0.0	52.576	4.63	0.0	54.649	6.761	0.0	47.422	3.24	0.0	44.747	4.377	0.0	53.36	4.654	0.0	53.994	6.304	0.0	48.019	2.865	0.0	44.17	3.559
22	9530	9531	SN	1	0.0	51.416	5.197	0.0	54.649	7.705	0.0	47.422	3.544	0.0	44.747	5.155	0.0	52.143	5.239	0.0	53.994	7.333	0.0	49.016	3.218	0.0	44.17	4.502
23	9531	9532	NS	1	0.0	51.365	5.336	0.0	50.695	6.308	0.0	46.048	4.767	0.0	47.142	6.551	0.0	52.876	5.529	0.0	52.47	5.923	0.0	44.914	4.638	0.0	48.242	5.71
24	9531	9532	SN	1	0.0	47.494	3.595	0.0	52.83	5.064	0.0	40.423	2.659	0.0	46.984	3.92	0.0	46.663	3.67	0.0	53.381	4.978	0.0	40.096	2.592	0.0	46.429	3.553
25	9531	9532	SN	1	0.0	47.494	3.562	0.0	52.781	5.054	0.0	46.948	2.668	0.0	47.041	3.912	0.0	46.663	3.573	0.0	53.329	4.936	0.0	46.406	2.578	0.0	46.485	3.598
26	9531	9532	NS	1	0.0	47.006	5.326	0.0	50.855	5.838	0.0	47.799	4.661	0.0	51.605	6.491	0.0	47.898	5.397	0.0	50.81	5.606	0.0	46.069	4.625	0.0	52.062	5.743
27	9533	9534	NS	1	0.0	46.36	2.318	0.0	48.203	3.17	0.0	42.323	2.102	0.0	42.928	2.685	0.0	46.815	2.359	0.0	46.81	2.866	0.0	41.607	1.938	0.0	43.633	2.222
28	9534	9535	NS	1	0.0	46.959	2.4	0.0	59.088	3.453	0.0	38.378	2.316	0.0	44.243	3.013	0.0	47.67	2.369	0.0	60.314	3.169	0.0	37.981	2.145	0.0	39.219	2.514
29	9534	9535	NS	1	0.0	46.959	2.44	0.0	59.088	3.507	0.0	43.243	2.355	0.0	44.243	3.06	0.0	47.67	2.409	0.0	60.314	3.219	0.0	40.489	2.181	0.0	39.219	2.554
30	9534	9535	NS	1	0.0	46.959	2.4	0.0	59.088	3.453	0.0	38.378	2.316	0.0	44.243	3.013	0.0	47.67	2.369	0.0	60.314	3.169	0.0	37.981	2.145	0.0	39.219	2.514
31	9534	9535	SN	1	0.0	50.346	4.856	0.0	51.022	6.377	0.0	49.108	4.204	0.0	50.288	5.646	0.0	50.029	4.897	0.0	50.585	5.84	0.0	45.93	3.949	0.0	49.258	4.829

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal Deviations

Alarming High Errors

32	9535	9536	NS	1	0.0	54.908	2.502	0.0	50.686	3.14	0.0	43.966	3.215	0.0	42.827	3.996	0.0	55.153	2.431	0.0	51.346	2.775	0.0	42.691	2.887	0.0	43.243	3.483
33	9535	9536	NS	1	0.0	54.908	2.626	0.0	50.686	3.3	0.0	43.966	3.355	0.0	42.827	4.201	0.0	55.153	2.552	0.0	51.346	2.916	0.0	42.691	3.025	0.0	43.243	3.662
34	9535	9536	SN	1	0.0	49.69	2.386	0.0	51.475	3.051	0.0	43.814	3.156	0.0	43.506	3.981	0.0	48.964	2.315	0.0	52.46	2.625	0.0	42.584	2.943	0.0	41.131	3.229
35	9536	9537	NS	1	0.0	45.275	5.777	0.0	42.317	7.051	0.0	50.605	4.728	0.0	45.493	6.736	0.0	47.05	5.844	0.0	44.121	6.895	0.0	50.106	4.79	0.0	41.529	6.202
36	9536	9537	NS	1	0.0	46.313	5.244	0.0	41.616	6.424	0.0	46.348	4.233	0.0	45.493	6.099	0.0	47.05	5.275	0.0	43.421	6.272	0.0	45.851	4.319	0.0	41.529	5.579
37	9537	9538	NS	1	0.0	55.294	7.877	0.0	50.992	8.732	0.0	44.063	7.005	0.0	46.583	8.003	0.0	55.137	7.937	0.0	52.42	8.41	0.0	44.141	7.005	0.0	47.068	7.626

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	9523	9524	SN	1	0.0	29.417	12.839	0.0	185.345	12.98	0.0	161.832	12.961	0.0	221.59	14.496	0.0	1.437	0.0	0.0	1.816	0.0	0.0	1.868	0.0	0.0	2.173	0.0
2	9523	9524	SN	1	0.0	29.417	12.897	0.0	185.345	12.529	0.0	161.832	13.351	0.0	221.59	13.78	0.0	1.437	0.0	0.0	1.816	0.0	0.0	1.868	0.0	0.0	2.173	0.0
3	9524	9525	SN	1	0.0	29.384	12.699	0.0	68.858	12.673	0.0	168.086	12.376	0.0	162.811	13.823	0.0	1.432	0.0	0.0	1.815	0.0	0.0	1.872	0.0	0.0	2.174	0.0
4	9524	9525	SN	1	0.0	29.378	12.71	0.0	68.858	12.483	0.0	168.075	12.471	0.0	162.795	13.534	0.0	1.432	0.0	0.0	1.815	0.0	0.0	1.872	0.0	0.0	2.174	0.0
5	9524	9525	NS	1	0.0	59.587	11.515	0.0	34.055	13.406	0.0	92.627	7.944	0.0	42.217	9.687	0.0	1.408	0.0	0.0	1.758	0.0	0.0	1.814	0.0	0.0	2.109	0.0
6	9524	9525	NS	1	0.0	105.146	11.546	0.0	30.796	13.428	0.0	93.548	7.868	0.0	35.495	9.697	0.0	1.408	0.0	0.0	1.76	0.0	0.0	1.809	0.0	0.0	2.112	0.0
7	9524	9525	SN	1	0.0	29.378	12.698	0.0	68.858	12.663	0.0	168.075	12.368	0.0	162.795	13.823	0.0	1.432	0.0	0.0	1.815	0.0	0.0	1.872	0.0	0.0	2.174	0.0
8	9525	9526	SN	1	0.0	93.579	12.919	0.0	101.162	12.914	0.0	158.429	13.27	0.0	91.334	14.266	0.0	1.433	0.0	0.0	1.817	0.0	0.0	1.94	0.0	0.0	2.177	0.0
9	9525	9526	NS	1	0.0	154.519	11.489	0.0	30.266	13.364	0.0	353.685	7.85	0.0	36.62	9.648	0.0	1.407	0.0	0.0	1.757	0.0	0.0	1.814	0.0	0.0	2.112	0.0
10	9525	9526	NS	1	0.0	68.198	11.479	0.0	30.266	13.366	0.0	353.696	7.865	0.0	36.642	9.648	0.0	1.408	0.0	0.0	1.757	0.0	0.0	1.815	0.0	0.0	2.112	0.0
11	9526	9527	NS	1	0.0	256.072	11.518	0.0	30.294	13.327	0.0	135.109	7.865	0.0	38.224	9.641	0.0	1.407	0.0	0.0	1.757	0.0	0.0	1.814	0.0	0.0	2.11	0.0
12	9527	9528	SN	1	0.0	29.461	12.861	0.0	27.343	12.975	0.0	150.052	13.09	0.0	228.715	14.457	0.0	1.431	0.0	0.0	1.819	0.0	0.0	1.877	0.0	0.0	2.177	0.0
13	9527	9528	NS	1	0.0	91.977	11.567	0.0	30.978	13.321	0.0	133.786	7.877	0.0	37.342	9.679	0.0	1.407	0.0	0.0	1.757	0.0	0.0	1.812	0.0	0.0	2.109	0.0
14	9527	9528	NS	1	0.0	91.982	11.556	0.0	30.972	13.324	0.0	133.83	7.856	0.0	37.337	9.679	0.0	1.407	0.0	0.0	1.756	0.0	0.0	1.815	0.0	0.0	2.109	0.0
15	9528	9529	SN	1	0.0	29.638	12.851	0.0	53.112	12.499	0.0	147.934	13.462	0.0	16.876	13.807	0.0	1.432	0.0	0.0	1.819	0.0	0.0	1.87	0.0	0.0	2.179	0.0
16	9528	9529	NS	1	0.0	97.64	11.537	0.0	30.288	13.401	0.0	339.269	7.769	0.0	37.105	9.69	0.0	1.407	0.0	0.0	1.758	0.0	0.0	1.808	0.0	0.0	2.11	0.0
17	9528	9529	SN	1	0.0	29.638	12.821	0.0	53.112	12.933	0.0	147.934	13.104	0.0	117.897	14.435	0.0	1.432	0.0	0.0	1.819	0.0	0.0	1.87	0.0	0.0	2.179	0.0
18	9528	9529	NS	1	0.0	25.97	11.527	0.0	30.294	13.412	0.0	339.286	7.776	0.0	37.105	9.697	0.0	1.406	0.0	0.0	1.758	0.0	0.0	1.808	0.0	0.0	2.11	0.0
19	9529	9530	SN	1	0.0	29.4	12.779	0.0	25.799	12.353	0.0	159.036	13.547	0.0	19.62	13.691	0.0	1.432	0.0	0.0	1.818	0.0	0.0	1.873	0.0	0.0	2.176	0.0
20	9530	9531	SN	1	0.0	29.318	12.444	0.0	27.222	12.658	0.0	161.435	12.347	0.0	244.93	13.878	0.0	1.432	0.0	0.0	1.817	0.0	0.0	1.871	0.0	0.0	2.173	0.0
21	9530	9531	SN	1	0.0	29.318	12.5	0.0	24.216	11.894	0.0	161.435	12.861	0.0	244.93	12.903	0.0	1.432	0.0	0.0	1.817	0.0	0.0	1.871	0.0	0.0	2.173	0.0
22	9530	9531	SN	1	0.0	29.318	12.444	0.0	27.222	12.658	0.0	161.435	12.347	0.0	244.93	13.878	0.0	1.432	0.0	0.0	1.817	0.0	0.0	1.871	0.0	0.0	2.173	0.0
23	9531	9532	NS	1	0.0	271.953	11.454	0.0	30.89	13.437	0.0	146.101	7.838	0.0	41.01	9.709	0.0	1.408	0.0	0.0	1.757	0.0	0.0	1.815	0.0	0.0	2.111	0.0
24	9531	9532	SN	1	0.0	29.395	12.763	0.0	27.211	12.885	0.0	167.105	12.259	0.0	137.084	14.016	0.0	1.432	0.0	0.0	1.816	0.0	0.0	1.87	0.0	0.0	2.174	0.0
25	9531	9532	SN	1	0.0	29.395	12.773	0.0	27.211	12.876	0.0	167.088	12.269	0.0	137.095	13.986	0.0	1.432	0.0	0.0	1.816	0.0	0.0	1.87	0.0	0.0	2.173	0.0
26	9531	9532	NS	1	0.0	271.959	11.485	0.0	30.448	13.478	0.0	179.797	7.811	0.0	39.576	9.698	0.0	1.407	0.0	0.0	1.759	0.0	0.0	1.815	0.0	0.0	2.111	0.0
27	9533	9534	NS	1	0.0	26.158	11.53	0.0	30.928	13.367	0.0	204.527	7.859	0.0	35.963	9.709	0.0	1.407	0.0	0.0	1.756	0.0	0.0	1.81	0.0	0.0	2.108	0.0
28	9534	9535	NS	1	0.0	204.973	11.551	0.0	29.98	13.356	0.0	134.652	7.83	0.0	36.559	9.766	0.0	1.406	0.0	0.0	1.756	0.0	0.0	1.811	0.0	0.0	2.108	0.0
29	9534	9535	NS	1	0.0	204.973	11.6	0.0	29.384	13.154	0.0	134.652	7.956	0.0	16.876	9.491	0.0	1.406	0.0	0.0	1.756	0.0	0.0	1.811	0.0	0.0	2.108	0.0
30	9534	9535	NS	1	0.0	204.973	11.551	0.0	29.98	13.356	0.0	134.652	7.83	0.0	36.559	9.766	0.0	1.406	0.0	0.0	1.756	0.0	0.0	1.811	0.0	0.0	2.108	0.0
31	9534	9535	SN	1	0.0	29.279	12.576	0.0	27.36	12.998	0.0	151.712	12.874	0.0	116.551	14.53	0.0	1.433	0.0	0.0	1.816	0.0	0.0	1.87	0.0	0.0	2.175	0.0

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

Normal
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32	9535	9536	NS	1	0.0	149.818	11.554	0.0	29.974	13.358	0.0	279.316	7.898	0.0	36.939	9.723	0.0	1.407	0.0	0.0	1.758	0.0	0.0	1.81	0.0	0.0	2.109	0.0
33	9535	9536	NS	1	0.0	149.818	11.711	0.0	29.389	12.879	0.0	279.316	8.207	0.0	12.927	9.075	0.0	1.407	0.0	0.0	1.758	0.0	0.0	1.81	0.0	0.0	2.109	0.0
34	9535	9536	SN	1	0.0	29.698	12.82	0.0	27.343	12.902	0.0	149.898	12.948	0.0	117.439	14.456	0.0	1.433	0.0	0.0	1.816	0.0	0.0	1.874	0.0	0.0	2.175	0.0
35	9536	9537	NS	1	0.0	238.631	11.912	0.0	29.423	12.985	0.0	357.116	8.56	0.0	13.037	8.895	0.0	1.405	0.0	0.0	1.759	0.0	0.0	1.81	0.0	0.0	2.11	0.0
36	9536	9537	NS	1	0.0	238.631	11.556	0.0	30.299	13.487	0.0	357.116	7.846	0.0	38.191	9.691	0.0	1.405	0.0	0.0	1.759	0.0	0.0	1.81	0.0	0.0	2.11	0.0
37	9537	9538	NS	1	0.0	26.213	12.12	0.0	29.423	12.943	0.0	357.138	9.131	0.0	13.032	8.907	0.0	1.406	0.0	0.0	1.759	0.0	0.0	1.815	0.0	0.0	2.111	0.0

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

Normal
Alarming
Deviations
High Errors