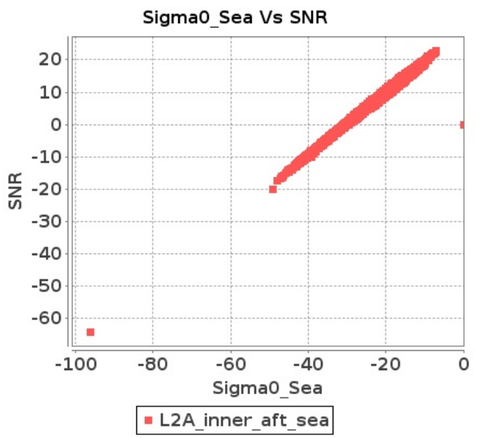
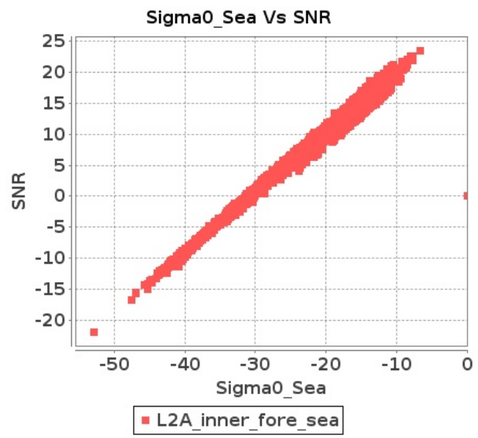
SCATSAT-1 Scatterometer Level-2A Data Quality Cycle wise Report

Report between 24-JUL-2018 To 25-JUL-2018

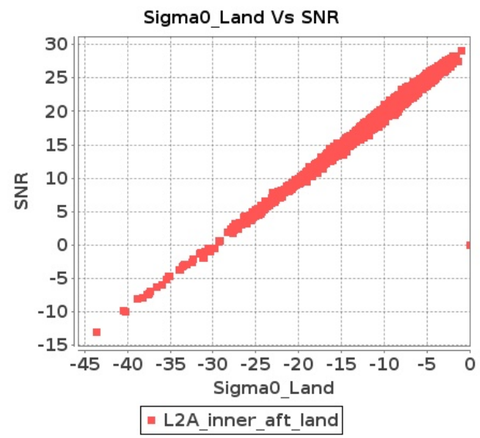
Inner Sea Aft Sigma0VsSNR



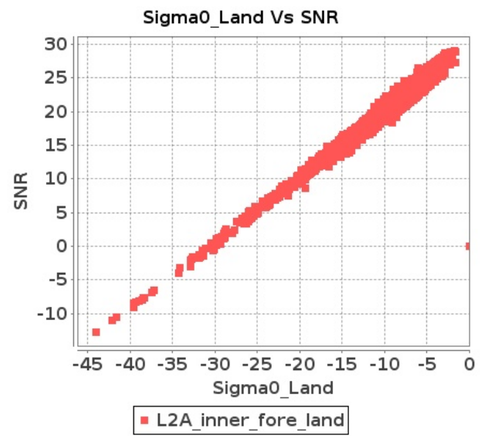
Inner Sea Fore Sigma0VsSNR



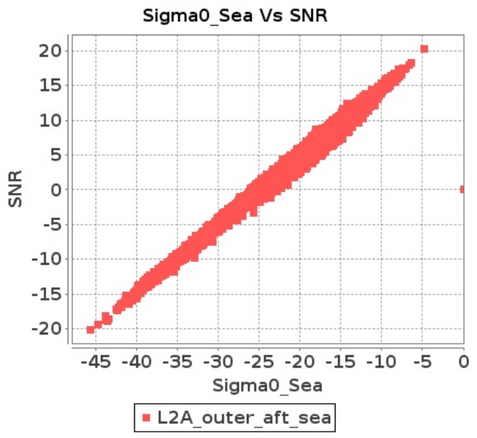
Inner Land Aft Sigma0VsSNR



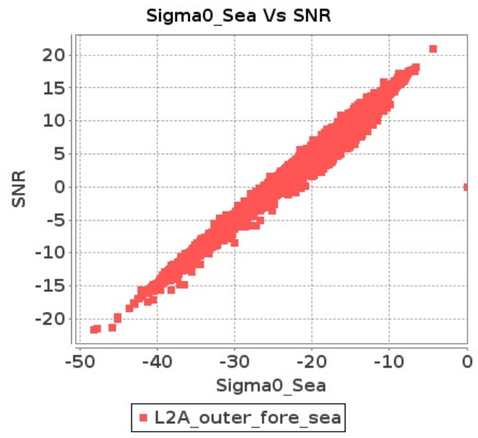
Inner Land Fore Sigma0VsSNR



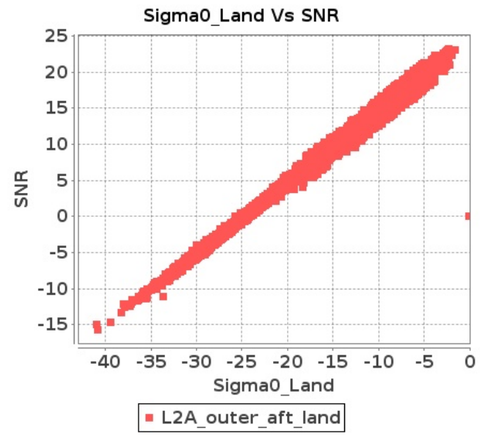
Outer Sea Aft Sigma0VsSNR



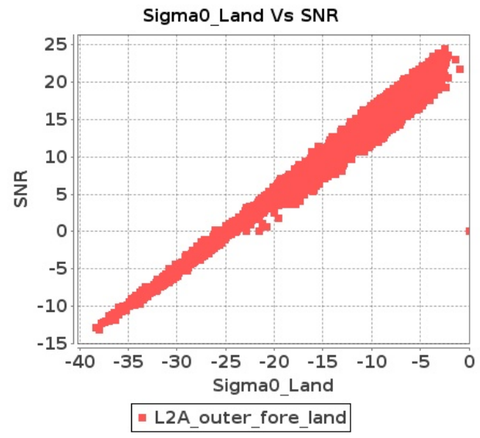
Outer Sea Fore Sigma0VsSNR



Outer Land Aft Sigma0VsSNR



Outer Land Fore Sigma0VsSNR



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

Report between 24-JUL-2018 To 25-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	9654	9655	SN	1	0.0	49.566	5.345	0.0	51.661	6.29	0.0	50.797	3.905	0.0	47.929	5.199	0.0	50.59	5.428	0.0	51.164	5.968	0.0	49.563	3.789	0.0	50.148	4.567
2	9654	9655	SN	1	0.0	54.929	1.312	0.0	52.72	1.716	0.0	42.792	0.944	0.0	44.168	1.428	0.0	55.361	1.324	0.0	52.7	1.644	0.0	43.845	0.919	0.0	41.464	1.125
3	9654	9655	SN	1	0.0	54.903	1.308	0.0	53.48	1.723	0.0	42.792	0.942	0.0	44.244	1.426	0.0	55.336	1.328	0.0	52.698	1.653	0.0	43.856	0.921	0.0	41.463	1.13
4	9654	9655	NS	1	0.0	52.49	9.91	0.0	62.199	10.698	0.0	48.181	6.684	0.0	50.714	7.568	0.0	52.666	10.153	0.0	59.902	10.525	0.0	48.074	6.791	0.0	46.163	7.026
5	9654	9655	SN	1	0.0	54.903	1.347	0.0	53.48	1.761	0.0	42.448	0.94	0.0	44.244	1.45	0.0	55.336	1.368	0.0	52.698	1.696	0.0	43.856	0.924	0.0	41.463	1.147
6	9654	9655	SN	1	0.0	50.459	5.196	0.0	51.712	6.126	0.0	50.262	3.846	0.0	47.894	5.115	0.0	52.074	5.276	0.0	51.216	5.812	0.0	49.564	3.704	0.0	50.113	4.462
7	9654	9655	SN	1	0.0	49.566	5.216	0.0	51.661	6.146	0.0	50.797	3.825	0.0	47.929	5.072	0.0	50.59	5.287	0.0	51.164	5.842	0.0	49.563	3.711	0.0	50.148	4.448
8	9654	9655	NS	1	0.0	46.207	2.187	0.0	53.452	2.621	0.0	48.076	1.616	0.0	44.102	2.224	0.0	48.051	2.185	0.0	52.952	2.465	0.0	46.681	1.577	0.0	42.312	2.0
9	9655	9656	SN	1	0.0	46.647	1.092	0.0	46.492	1.489	0.0	39.862	1.2	0.0	44.651	1.545	0.0	47.403	1.122	0.0	45.089	1.339	0.0	38.672	1.166	0.0	42.571	1.362
10	9655	9656	NS	1	0.0	53.201	0.695	0.0	52.08	0.829	0.0	44.564	0.647	0.0	39.775	0.77	0.0	52.161	0.684	0.0	53.402	0.77	0.0	45.751	0.606	0.0	39.969	0.632
11	9655	9656	NS	1	0.0	52.677	3.069	0.0	53.223	3.264	0.0	49.923	2.295	0.0	47.402	2.594	0.0	51.834	3.059	0.0	53.87	3.091	0.0	49.923	2.152	0.0	45.055	2.252
12	9655	9656	NS	1	0.0	53.503	0.695	0.0	52.213	0.825	0.0	44.564	0.651	0.0	39.775	0.767	0.0	52.462	0.686	0.0	54.049	0.766	0.0	45.751	0.612	0.0	39.969	0.63
13	9655	9656	NS	1	0.0	52.979	3.09	0.0	53.262	3.244	0.0	49.923	2.309	0.0	47.402	2.601	0.0	52.135	3.08	0.0	53.91	3.081	0.0	49.923	2.166	0.0	45.055	2.266
14	9655	9656	SN	1	0.0	46.647	1.081	0.0	46.492	1.471	0.0	40.06	1.183	0.0	44.651	1.525	0.0	47.403	1.108	0.0	45.089	1.322	0.0	38.868	1.151	0.0	42.571	1.344
15	9655	9656	SN	1	0.0	55.887	4.056	0.0	52.429	4.605	0.0	44.082	3.488	0.0	44.779	4.534	0.0	56.627	4.086	0.0	49.935	4.482	0.0	45.505	3.646	0.0	42.366	4.103
16	9655	9656	SN	1	0.0	55.887	4.056	0.0	52.429	4.605	0.0	44.082	3.488	0.0	44.779	4.534	0.0	56.627	4.086	0.0	49.935	4.482	0.0	45.505	3.646	0.0	42.366	4.103
17	9655	9656	SN	1	0.0	46.647	1.092	0.0	46.492	1.487	0.0	39.862	1.2	0.0	44.651	1.543	0.0	47.403	1.122	0.0	45.089	1.337	0.0	38.672	1.166	0.0	42.571	1.36
18	9655	9656	SN	1	0.0	55.887	4.004	0.0	52.429	4.558	0.0	44.082	3.451	0.0	44.779	4.495	0.0	56.627	4.034	0.0	49.935	4.436	0.0	45.505	3.607	0.0	42.366	4.061
19	9656	9657	NS	1	0.0	45.72	1.128	0.0	43.299	1.465	0.0	42.233	1.282	0.0	50.669	1.81	0.0	47.085	1.199	0.0	45.005	1.251	0.0	39.673	1.154	0.0	48.951	1.461
20	9656	9657	SN	1	0.0	49.424	3.224	0.0	50.135	4.009	0.0	45.756	3.172	0.0	45.021	4.661	0.0	50.907	3.254	0.0	51.182	4.262	0.0	46.173	3.13	0.0	42.034	4.377
21	9656	9657	NS	1	0.0	35.467	0.267	0.0	36.681	0.399	0.0	38.444	0.363	0.0	37.385	0.566	0.0	35.496	0.238	0.0	35.374	0.347	0.0	37.515	0.324	0.0	35.486	0.443
22	9656	9657	SN	1	0.0	45.442	0.821	0.0	45.049	1.132	0.0	35.069	0.931	0.0	44.045	1.541	0.0	44.966	0.828	0.0	45.247	1.134	0.0	36.481	0.875	0.0	42.843	1.337
23	9657	9658	NS	1	0.0	45.118	0.717	0.0	52.377	0.899	0.0	40.01	0.661	0.0	43.619	0.805	0.0	43.657	0.717	0.0	51.748	0.786	0.0	38.571	0.608	0.0	43.003	0.64
24	9657	9658	NS	1	0.0	56.405	3.017	0.0	53.423	3.338	0.0	42.917	2.606	0.0	46.523	3.137	0.0	56.683	2.997	0.0	52.381	2.89	0.0	42.827	2.357	0.0	46.317	2.681
25	9657	9658	SN	1	0.0	50.463	5.073	0.0	45.5	5.143	0.0	41.854	3.76	0.0	45.465	4.732	0.0	49.281	5.033	0.0	45.2	5.002	0.0	40.334	3.547	0.0	46.438	4.292
26	9657	9658	SN	1	0.0	42.468	1.064	0.0	39.06	1.36	0.0	42.448	1.235	0.0	38.579	1.56	0.0	41.853	1.08	0.0	38.879	1.272	0.0	40.418	1.15	0.0	39.201	1.286
27	9658	9659	NS	1	0.0	44.017	1.179	0.0	50.65	1.474	0.0	40.166	1.057	0.0	42.312	1.47	0.0	44.602	1.202	0.0	50.08	1.372	0.0	39.575	1.002	0.0	40.827	1.305
28	9658	9659	SN	1	0.0	44.665	1.578	0.0	40.452	2.088	0.0	43.52	1.567	0.0	39.487	2.49	0.0	44.704	1.571	0.0	39.39	2.037	0.0	40.798	1.521	0.0	39.227	2.29
29	9658	9659	SN	1	0.0	51.613	5.023	0.0	48.382	6.338	0.0	45.364	5.041	0.0	41.723	6.795	0.0	52.156	5.285	0.0	50.506	6.054	0.0	46.26	5.034	0.0	42.825	6.412
30	9658	9659	NS	1	0.0	46.743	4.622	0.0	47.629	5.088	0.0	45.839	3.916	0.0	43.935	4.834	0.0	47.242	4.673	0.0	45.704	4.854	0.0	46.464	3.809	0.0	44.382	4.442
31	9659	9660	NS	1	0.0	51.962	6.502	0.0	51.705	6.197	0.0	48.85	5.853	0.0	49.984	6.652	0.0	52.418	6.563	0.0	53.836	5.953	0.0	46.307	5.789	0.0	46.024	6.096

Parameter Specifications	Parameters	SNR	Sigma0
	Range	20.0	20.0

Normal Deviations

Alarming High Errors

32	9659	9660	SN	1	0.0	44.674	2.741	0.0	52.075	4.069	0.0	49.609	2.561	0.0	41.836	3.558	0.0	43.848	2.75	0.0	53.931	3.94	0.0	49.548	2.526	0.0	45.925	3.457
33	9659	9660	SN	1	0.0	51.947	10.925	0.0	56.368	13.575	0.0	49.536	8.417	0.0	49.648	10.535	0.0	52.336	11.01	0.0	56.701	13.383	0.0	49.849	8.627	0.0	47.776	10.498
34	9659	9660	NS	1	0.0	56.257	1.661	0.0	46.356	1.972	0.0	43.404	1.564	0.0	45.143	1.94	0.0	57.798	1.666	0.0	47.83	1.888	0.0	41.207	1.532	0.0	41.466	1.709
35	9668	9669	SN	1	0.0	48.905	0.815	0.0	45.912	1.035	0.0	48.789	0.836	0.0	44.614	1.201	0.0	47.784	0.815	0.0	45.442	0.925	0.0	47.524	0.773	0.0	40.633	0.908
36	9668	9669	SN	1	0.0	54.634	2.861	0.0	56.916	3.564	0.0	45.559	3.067	0.0	46.927	3.93	0.0	53.934	2.891	0.0	53.981	3.301	0.0	45.72	2.699	0.0	46.306	3.178
37	9668	9669	SN	1	0.0	54.634	2.914	0.0	52.637	3.743	0.0	45.559	2.996	0.0	46.927	4.074	0.0	53.934	2.967	0.0	54.907	3.455	0.0	45.055	2.676	0.0	46.306	3.349
38	9668	9669	SN	1	0.0	48.905	0.838	0.0	46.993	1.103	0.0	38.933	0.815	0.0	44.614	1.278	0.0	47.784	0.838	0.0	46.788	0.965	0.0	38.293	0.761	0.0	43.628	0.965
39	9669	9670	NS	1	0.0	49.379	4.258	0.0	54.871	4.21	0.0	49.221	3.448	0.0	50.248	3.863	0.0	50.234	4.268	0.0	54.049	4.088	0.0	47.14	3.299	0.0	49.436	3.3
40	9669	9670	SN	1	0.0	51.108	5.019	0.0	49.851	5.356	0.0	47.132	4.575	0.0	51.159	5.504	0.0	51.218	5.07	0.0	50.846	5.14	0.0	44.369	4.661	0.0	49.734	5.209
41	9669	9670	NS	1	0.0	50.143	0.987	0.0	51.022	1.022	0.0	45.585	0.891	0.0	48.307	1.057	0.0	50.834	0.98	0.0	50.304	0.94	0.0	43.987	0.809	0.0	42.911	0.888
42	9669	9670	SN	1	0.0	51.708	1.392	0.0	44.332	1.914	0.0	44.885	1.348	0.0	40.321	1.885	0.0	52.095	1.39	0.0	42.942	1.834	0.0	46.197	1.326	0.0	40.101	1.676

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	9654	9655	SN	1	0.0	27.779	12.711	0.0	55.798	12.786	0.0	147.377	13.298	0.0	42.733	14.493	0.0	1.431	0.0	0.0	1.816	0.0	0.0	1.875	0.0	0.0	2.174	0.0
2	9654	9655	SN	1	0.0	22.336	7.043	0.0	89.076	8.528	0.0	141.752	4.397	0.0	59.755	5.786	0.0	1.426	0.0	0.0	1.813	0.0	0.0	1.882	0.0	0.0	2.172	0.0
3	9654	9655	SN	1	0.0	22.336	7.052	0.0	120.495	8.519	0.0	141.829	4.406	0.0	59.744	5.786	0.0	1.426	0.0	0.0	1.814	0.0	0.0	1.882	0.0	0.0	2.172	0.0
4	9654	9655	NS	1	0.0	143.277	11.536	0.0	29.097	13.138	0.0	154.235	7.888	0.0	39.647	9.421	0.0	1.391	0.0	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.099	0.0
5	9654	9655	SN	1	0.0	22.336	7.134	0.0	120.495	8.542	0.0	141.829	4.501	0.0	16.76	5.708	0.0	1.426	0.0	0.0	1.814	0.0	0.0	1.882	0.0	0.0	2.172	0.0
6	9654	9655	SN	1	0.0	27.779	12.686	0.0	55.798	13.082	0.0	147.344	13.096	0.0	114.279	14.926	0.0	1.431	0.0	0.0	1.816	0.0	0.0	1.875	0.0	0.0	2.174	0.0
7	9654	9655	SN	1	0.0	27.779	12.696	0.0	55.798	13.113	0.0	147.377	13.103	0.0	114.279	14.933	0.0	1.431	0.0	0.0	1.816	0.0	0.0	1.875	0.0	0.0	2.174	0.0
8	9654	9655	NS	1	0.0	20.21	4.904	0.0	19.28	6.205	0.0	113.761	1.161	0.0	23.841	1.247	0.0	1.375	0.0	0.0	1.744	0.0	0.0	1.807	0.0	0.0	2.099	0.0
9	9655	9656	SN	1	0.0	22.352	7.138	0.0	24.04	8.541	0.0	168.125	4.492	0.0	16.76	5.782	0.0	1.434	0.0	0.0	1.814	0.0	0.0	1.884	0.0	0.0	2.173	0.0
10	9655	9656	NS	1	0.0	219.199	4.879	0.0	19.264	6.209	0.0	257.476	1.202	0.0	24.266	1.235	0.0	1.376	0.0	0.0	1.743	0.0	0.0	1.805	0.0	0.0	2.097	0.0
11	9655	9656	NS	1	0.0	270.282	11.587	0.0	29.125	13.138	0.0	264.116	7.917	0.0	41.197	9.329	0.0	1.392	0.0	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.098	0.0
12	9655	9656	NS	1	0.0	219.21	4.868	0.0	19.264	6.22	0.0	259.064	1.2	0.0	24.26	1.235	0.0	1.376	0.0	0.0	1.743	0.0	0.0	1.806	0.0	0.0	2.097	0.0
13	9655	9656	NS	1	0.0	270.232	11.587	0.0	29.125	13.138	0.0	259.93	7.924	0.0	41.192	9.343	0.0	1.392	0.0	0.0	1.745	0.0	0.0	1.803	0.0	0.0	2.099	0.0
14	9655	9656	SN	1	0.0	22.352	7.083	0.0	24.04	8.526	0.0	168.125	4.434	0.0	124.675	5.847	0.0	1.434	0.0	0.0	1.814	0.0	0.0	1.884	0.0	0.0	2.173	0.0
15	9655	9656	SN	1	0.0	27.603	12.72	0.0	27.222	12.922	0.0	152.793	13.228	0.0	20.378	14.652	0.0	1.428	0.0	0.0	1.818	0.0	0.0	1.876	0.0	0.0	2.175	0.0
16	9655	9656	SN	1	0.0	27.603	12.72	0.0	27.222	12.922	0.0	152.793	13.228	0.0	20.378	14.652	0.0	1.428	0.0	0.0	1.818	0.0	0.0	1.876	0.0	0.0	2.175	0.0
17	9655	9656	SN	1	0.0	22.352	7.138	0.0	24.04	8.537	0.0	168.125	4.492	0.0	16.76	5.785	0.0	1.434	0.0	0.0	1.814	0.0	0.0	1.884	0.0	0.0	2.173	0.0
18	9655	9656	SN	1	0.0	27.603	12.698	0.0	27.222	13.055	0.0	152.793	13.116	0.0	40.999	14.865	0.0	1.428	0.0	0.0	1.818	0.0	0.0	1.876	0.0	0.0	2.175	0.0
19	9656	9657	NS	1	0.0	87.126	11.572	0.0	65.364	13.206	0.0	249.617	8.015	0.0	100.158	9.465	0.0	1.387	0.0	0.0	1.745	0.0	0.0	1.8	0.0	0.0	2.096	0.0
20	9656	9657	SN	1	0.0	29.643	12.715	0.0	147.452	13.142	0.0	166.448	13.136	0.0	190.309	14.897	0.0	1.431	0.0	0.0	1.817	0.0	0.0	1.88	0.0	0.0	2.175	0.0
21	9656	9657	NS	1	0.0	59.231	4.821	0.0	114.177	6.259	0.0	352.588	1.271	0.0	100.461	1.269	0.0	1.374	0.0	0.0	1.744	0.0	0.0	1.828	0.0	0.0	2.096	0.0
22	9656	9657	SN	1	0.0	24.36	7.1	0.0	138.584	8.555	0.0	165.527	4.421	0.0	174.707	5.895	0.0	1.422	0.0	0.0	1.815	0.0	0.0	1.882	0.0	0.0	2.173	0.0
23	9657	9658	NS	1	0.0	199.298	4.815	0.0	19.264	6.205	0.0	245.282	1.214	0.0	44.087	1.232	0.0	1.374	0.0	0.0	1.742	0.0	0.0	1.804	0.0	0.0	2.096	0.0
24	9657	9658	NS	1	0.0	192.082	11.611	0.0	29.252	13.097	0.0	354.623	7.91	0.0	36.537	9.319	0.0	1.387	0.0	0.0	1.745	0.0	0.0	1.802	0.0	0.0	2.095	0.0
25	9657	9658	SN	1	0.0	30.123	12.724	0.0	145.61	13.121	0.0	157.459	13.212	0.0	126.716	14.961	0.0	1.43	0.0	0.0	1.818	0.0	0.0	1.879	0.0	0.0	2.176	0.0
26	9657	9658	SN	1	0.0	24.338	7.107	0.0	163.909	8.541	0.0	176.094	4.412	0.0	264.684	5.827	0.0	1.424	0.0	0.0	1.816	0.0	0.0	1.881	0.0	0.0	2.175	0.0
27	9658	9659	NS	1	0.0	52.745	4.824	0.0	19.269	6.203	0.0	124.824	1.212	0.0	51.438	1.236	0.0	1.373	0.0	0.0	1.742	0.0	0.0	1.804	0.0	0.0	2.096	0.0
28	9658	9659	SN	1	0.0	22.369	7.107	0.0	24.04	8.57	0.0	170.86	4.393	0.0	142.847	5.825	0.0	1.421	0.0	0.0	1.814	0.0	0.0	1.88	0.0	0.0	2.173	0.0
29	9658	9659	SN	1	0.0	29.919	12.673	0.0	27.194	13.132	0.0	180.881	13.176	0.0	134.773	14.967	0.0	1.431	0.0	0.0	1.817	0.0	0.0	1.874	0.0	0.0	2.175	0.0
30	9658	9659	NS	1	0.0	43.627	11.692	0.0	29.268	13.117	0.0	128.855	7.867	0.0	37.221	9.326	0.0	1.387	0.0	0.0	1.745	0.0	0.0	1.801	0.0	0.0	2.095	0.0
31	9659	9660	NS	1	0.0	238.273	11.643	0.0	29.202	13.127	0.0	353.266	7.861	0.0	37.965	9.39	0.0	1.385	0.0	0.0	1.744	0.0	0.0	1.799	0.0	0.0	2.095	0.0

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

Normal Deviations
Alarming High Errors

32	9659	9660	SN	1	0.0	22.363	7.224	0.0	24.034	8.625	0.0	152.721	4.685	0.0	174.393	5.855	0.0	1.433	0.0	0.0	1.816	0.0	0.0	1.903	0.0	0.0	2.179	0.0
33	9659	9660	SN	1	0.0	27.829	12.856	0.0	27.217	12.612	0.0	146.991	13.703	0.0	77.318	14.217	0.0	1.428	0.0	0.0	1.824	0.0	0.0	1.89	0.0	0.0	2.182	0.0
34	9659	9660	NS	1	0.0	57.397	4.847	0.0	19.269	6.222	0.0	334.35	1.157	0.0	23.24	1.234	0.0	1.372	0.0	0.0	1.743	0.0	0.0	1.805	0.0	0.0	2.096	0.0
35	9668	9669	SN	1	0.0	22.363	6.831	0.0	266.94	8.572	0.0	156.339	4.179	0.0	116.231	5.683	0.0	1.429	0.0	0.0	1.813	0.0	0.0	1.94	0.0	0.0	2.176	0.0
36	9668	9669	SN	1	0.0	27.878	12.716	0.0	267.072	13.142	0.0	159.924	12.95	0.0	114.66	15.032	0.0	1.43	0.0	0.0	1.811	0.0	0.0	1.923	0.0	0.0	2.19	0.0
37	9668	9669	SN	1	0.0	27.878	12.773	0.0	267.072	12.669	0.0	159.924	13.476	0.0	15.674	14.286	0.0	1.43	0.0	0.0	1.811	0.0	0.0	1.923	0.0	0.0	2.19	0.0
38	9668	9669	SN	1	0.0	22.363	6.932	0.0	266.94	8.63	0.0	156.339	4.397	0.0	15.514	5.639	0.0	1.429	0.0	0.0	1.813	0.0	0.0	1.94	0.0	0.0	2.176	0.0
39	9669	9670	NS	1	0.0	220.625	11.535	0.0	28.126	13.097	0.0	230.447	7.41	0.0	40.287	9.407	0.0	1.385	0.0	0.0	1.745	0.0	0.0	1.801	0.0	0.0	2.096	0.0
40	9669	9670	SN	1	0.0	27.542	12.768	0.0	68.298	12.902	0.0	150.284	13.069	0.0	195.592	14.755	0.0	1.44	0.0	0.0	1.813	0.0	0.0	1.908	0.0	0.0	2.193	0.0
41	9669	9670	NS	1	0.0	155.239	4.94	0.0	19.291	6.217	0.0	113.32	0.914	0.0	24.189	1.269	0.0	1.372	0.0	0.0	1.742	0.0	0.0	1.805	0.0	0.0	2.096	0.0
42	9669	9670	SN	1	0.0	22.369	6.877	0.0	24.034	8.606	0.0	154.453	4.219	0.0	138.678	5.676	0.0	1.421	0.0	0.0	1.813	0.0	0.0	1.907	0.0	0.0	2.187	0.0

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

Normal
Deviations
Alarming
High Errors