晶復科技股份有限公司

A Test Lab Techno Corp.

Inventec_Minerva 3107		Gain	Conducted power	Output power ERP/EIRP		
		Customer provide	Peak	Arithmetic	Measurement	Compare
GSM 850	824.2	2.29	31.06	31.20	27.96	3.24
ERP	836.6	2.28	31.11	31.24	27.56	3.68
	848.8	2.20	31.00	31.05	27.38	3.67
EGPRS 850	824.2	2.29	27.10	27.24	21.31	5.93
ERP	836.6	2.28	27.10	27.23	19.77	7.46
	848.8	2.20	26.80	26.85	18.73	8.12
PCS 1900	1850.2	3.74	28.72	32.46	28.61	3.85
EIRP	1880.0	3.18	29.34	32.52	27.65	4.87
	1909.8	3.92	28.78	32.70	27.38	5.32
EGPRS 1900	1850.2	3.74	27.10	30.84	25.22	5.62
EIRP	1880.0	3.18	27.00	30.18	23.14	7.04
	1909.8	3.92	27.00	30.92	24.10	6.82

Inventec_Minerva 3107		Gain	Conducted power	Output power ERP/EIRP		
		ATL Test	Peak	Arithmetic	Measurement	Compare
GSM 850	824.2	-3.16	31.06	25.75	27.96	-2.21
ERP	836.6	-2.56	31.11	26.40	27.56	-1.16
	848.8	-2.02	31.00	26.83	27.38	-0.55
EGPRS 850	824.2	-3.16	27.10	21.79	21.31	0.48
ERP	836.6	-2.56	27.10	22.39	19.77	2.62
	848.8	-2.02	26.80	22.63	18.73	3.90
PCS 1900	1850.2	-0.77	28.72	27.95	28.61	-0.66
EIRP	1880.0	-0.59	29.34	28.75	27.65	1.10
	1909.8	-0.75	28.78	28.03	27.38	0.65
EGPRS 1900	1850.2	-0.77	27.10	26.33	25.22	1.11
EIRP	1880.0	-0.59	27.00	26.41	23.14	3.27
	1909.8	-0.75	27.00	26.25	24.10	2.15

Customer provide

Test Date	2008/12/5																													
Trade Name	inventec																													
App.No	08-D1321-C																													
Model Name	3107																													
Test Mode Free Space &Talking Position	Free Space																													
Communication System																														
Frequency	824	836	849	869	880	894	900	915	925	940	960	1710	1750	1785	1805	1840	1850	1880	1910	1920	1930	1950	1960	1980	1990	2110	2140	2170			
TC01 Note	F1																													
Ant. Port Input Pwr. (dBm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Tot. Rad. Pwr. (dBm)	-2.8948	-2.8797	-3.0054	-3.0583	-3.0231	-2.9813	-2.9337	-2.7251	-2.6117	-2.5138	-2.6043	-5.9761	-3.027	-2.6747	-2.9419	-3.8457	-4.1103	-4.7515	-4.9276	-4.9733	-5.0162	-5.0612	-5.1071	-5.373	-5.2629	-4.8375	-4.9333	-4.9208		
Peak EIRP (dBm)	2.2896	2.2794	2.1975	2.2847	2.3854	2.646	2.8163	3.2774	3.5089	3.8014	3.8915	2.2361	4.7346	4.9077	4.3887	3.8733	3.7374	3.175	2.9194	2.8153	2.7291	2.4866	2.3092	1.7137	1.6434	0.7038	0.7766	0.8472		
Directivity (dBi)	5.1844	5.1591	5.2029	5.3429	5.4085	5.6272	5.75	6.0024	6.1206	6.3151	6.4958	8.2121	7.7616	7.5824	7.3306	7.719	7.8477	7.9265	7.847	7.7886	7.7453	7.5478	7.4163	7.0867	6.9062	5.5413	5.7099	5.768		
Efficiency (dB)	-2.8948	-2.8797	-3.0054	-3.0583	-3.0231	-2.9813	-2.9337	-2.7251	-2.6117	-2.5138	-2.6043	-5.9761	-3.027	-2.6747	-2.9419	-3.8457	-4.1103	-4.7515	-4.9276	-4.9733	-5.0162	-5.0612	-5.1071	-5.373	-5.2629	-4.8375	-4.9333	-4.9208		
Efficiency (%)	51.348	51.527	50.057	49.451	49.853	50.335	50.89	53.394	54.806	56.056	54.9	25.258	49.808	54.017	50.794	41.251	38.813	33.485	32.155	31.818	31.505	31.18	30.853	29.02	29.766	32.829	32.112	32.205		
Gain (dBi)	**2.2896**	**2.2794**	**2.1975**	**2.2847**	**2.3854**	**2.646**	**2.8163**	**3.2774**	**3.5089**	**3.8014**	**3.8915**	**2.2361**	**4.7346**	**4.9077**	**4.3887**	**3.8733**	**3.7374**	**3.175**	**2.9194**	**2.8153**	**2.7291**	**2.4866**	**2.3092**	**1.7137**	**1.6434**	**0.7038**	**0.7766**	**0.8472**		
NHPRP ±Pi/4 (dBm)	-4.321	-4.3679	-4.5764	-4.7666	-4.7815	-4.7663	-4.7106	-4.4829	-4.3616	-4.2311	-4.2589	-7.9098	-4.9153	-4.5001	-4.738	-5.6503	-5.9395	-6.6615	-6.8961	-6.9454	-6.9864	-7.0126	-7.0546	-7.3138	-7.2067	-6.5667	-6.6682	-6.6392		
NHPRP ±Pi/6 (dBm)	-5.9211	-5.9865	-6.1812	-6.3339	-6.3297	-6.293	-6.226	-5.9936	-5.8706	-5.729	-5.7466	-9.8301	-6.8481	-6.4279	-6.6507	-7.5425	-7.8431	-8.6227	-8.9096	-8.9652	-9.0071	-9.0267	-9.0658	-9.3119	-9.2067	-8.4768	-8.5798	-8.5295		
NHPRP ±Pi/8 (dBm)	-7.1671	-7.233	-7.3861	-7.4459	-7.4037	-7.3355	-7.2603	-7.0288	-6.9041	-6.7575	-6.7755	-11.309	-8.3509	-7.9028	-8.1019	-8.9487	-9.2416	-10.027	-10.332	-10.392	-10.438	-10.456	-10.493	-10.732	-10.627	-9.8618	-9.9651	-9.8943		
Upper Hem. PRP (dBm)	-7.6263	-7.7205	-7.8993	-7.9767	-7.8839	-7.7074	-7.6115	-7.3805	-7.2794	-7.1781	-7.1954	-10.511	-7.5325	-7.1631	-7.3974	-8.4059	-8.6882	-9.294	-9.4153	-9.4418	-9.4346	-9.2948	-9.2267	-9.2805	-9.0633	-8.2395	-8.2024	-8.1231		
Lower Hem. PRP (dBm)	-4.6757	-4.6062	-4.7062	-4.7474	-4.7399	-4.7649	-4.7421	-4.5451	-4.4254	-4.3291	-4.4582	-7.8601	-4.9271	-4.5842	-4.8697	-5.7161	-5.9711	-6.6315	-6.8374	-6.8939	-6.9649	-7.1181	-7.2346	-7.6401	-7.6049	-7.4884	-7.6994	-7.7472		
NHPRP4 / TRP Ratio (dB)	-1.4262	-1.4883	-1.571	-1.7083	-1.7585	-1.785	-1.7769	-1.7578	-1.7499	-1.7174	-1.6546	-1.9338	-1.8883	-1.8254	-1.7961	-1.8045	-1.8292	-1.91	-1.9686	-1.9721	-1.9702	-1.9514	-1.9475	-1.9408	-1.9438	-1.7293	-1.7349	-1.7185		
NHPRP4 / TRP Ratio (%)	72.008	70.986	69.647	67.479	66.704	66.298	66.422	66.715	66.836	67.339	68.319	64.065	64.74	65.684	66.128	66	65.627	64.417	63.554	63.502	63.53	63.806	63.864	63.962	63.917	67.154	67.068	67.321		
NHPRP6 / TRP Ratio (dB)	-3.0263	-3.1068	-3.1758	-3.2756	-3.3066	-3.3117	-3.2924	-3.2686	-3.2589	-3.2152	-3.1423	-3.8541	-3.8211	-3.7532	-3.7088	-3.6968	-3.7328	-3.8712	-3.9821	-3.9919	-3.9908	-3.9655	-3.9587	-3.9389	-3.9438	-3.6394	-3.6465	-3.6087		
NHPRP6 / TRP Ratio (%)	49.816	48.901	48.13	47.037	46.703	46.648	46.856	47.113	47.219	47.696	48.503	41.171	41.485	42.138	42.571	42.689	42.337	41.009	39.975	39.885	39.895	40.128	40.191	40.375	40.329	43.258	43.187	43.564		
NHPRP8 / TRP Ratio (dB)	-4.2723	-4.3533	-4.3807	-4.3876	-4.3806	-4.3542	-4.3266	-4.3037	-4.2924	-4.2438	-4.1712	-5.3328	-5.3239	-5.2282	-5.16	-5.103	-5.1314	-5.2757	-5.4044	-5.4188	-5.4218	-5.3947	-5.3861	-5.3585	-5.3645	-5.0244	-5.0318	-4.9735		
NHPRP8 / TRP Ratio (%)	37.391	36.7	36.469	36.411	36.47	36.693	36.927	37.122	37.219	37.638	38.272	29.29	29.35	30.004	30.479	30.882	30.681	29.678	28.811	28.716	28.696	28.876	28.933	29.117	29.077	31.446	31.392	31.816		
UHPRP / TRP Ratio (dB)	-4.7315	-4.8408	-4.894	-4.9184	-4.8608	-4.7262	-4.6778	-4.6554	-4.6677	-4.6644	-4.5911	-4.5349	-4.5055	-4.4884	-4.4555	-4.5602	-4.578	-4.5425	-4.4878	-4.4685	-4.4184	-4.2336	-4.1196	-3.9075	-3.8005	-3.4021	-3.2691	-3.2023		
UHPRP / TRP Ratio (%)	33.64	32.803	32.405	32.222	32.653	33.681	34.058	34.234	34.138	34.164	34.745	35.198	35.437	35.576	35.847	34.993	34.85	35.136	35.581	35.74	36.154	37.726	38.729	40.668	41.682	45.687	47.107	47.838		
LHPRP / TRP Ratio (dB)	-1.7809	-1.7265	-1.7008	-1.6891	-1.7168	-1.7836	-1.8084	-1.82	-1.8136	-1.8153	-1.8538	-1.8841	-1.9001	-1.9096	-1.9278	-1.8704	-1.8609	-1.88	-1.9099	-1.9206	-1.9487	-2.0569	-2.1275	-2.2671	-2.342	-2.651	-2.766	-2.8265		
LHPRP / TRP Ratio (%)	66.361	67.197	67.596	67.778	67.348	66.319	65.942	65.766	65.862	65.837	65.255	64.802	64.564	64.424	64.153	65.007	65.15	64.864	64.419	64.26	63.846	62.274	61.271	59.332	58.318	54.313	52.893	52.162		
Front/Back Ratio (dB)	16.379	13.057	11.952	15.18	16.039	11.115	10.787	9.9804	9.4996	7.7114	7.8679	10.348	10.297	5.424	4.9289	15.097	15.071	13.806	13.688	13.78	13.665	12.421	11.581	10.232	9.8716	6.6128	6.3131	5.6607		
Phi BW (°)	52	44	47	43	42	39	38	36	35	36	32	26	28	20	21	26	25	24	24	23	23	22	22	23	23	24	22	21		
+ Phi BW (°)	13	13	14	18	18	20	20	20	20	10	10	12	13	10	11	13	13	13	14	13	14	14	14	15	15	9	9	9		
- Phi BW (°)	39	31	33	25	24	19	18	16	15	26	22	14	15	10	10	13	12	11	10	10	9	8	8	8	8	15	13	12		
Theta BW (°)	66	66	94	91	88	66	64	60	60	80	79	36	37	25	34	34	34	35	36	37	37	36	36	37	37	41	40	45		
+ Th. BW (°)	36	22	22	52	53	36	34	31	31	31	29	20	22	15	24	21	21	22	23	24	24	24	24	25	25	14	15	20		
- Th. BW (°)	30	44	72	39	35	30	30	29	29	49	50	16	15	10	10	13	13	13	13	13	13	12	12	12	12	27	25	25		
Boresight Phi (°)	75	75	75	60	60	60	60	60	60	75	75	75	75	45	45	75	75	75	75	75	75	75	75	75	75	60	60	60		
Boresight Th. (°)	135	150	150	120	120	135	135	135	135	135	135	150	150	120	120	150	150	150	150	150	150	150	150	150	150	120	120	120		
Maximum Power (dBm)	2.2896	2.2794	2.1975	2.2847	2.3854	2.646	2.8163	3.2774	3.5089	3.8014	3.8915	2.2361	4.7346	4.9077	4.3887	3.8733	3.7374	3.175	2.9194	2.8153	2.7291	2.4866	2.3092	1.7137	1.6434	0.7038	0.7766	0.8472		
Minimum Power (dBm)	-16.096	-14.473	-13.554	-16.374	-15.651	-13.27	-13.112	-12.394	-12.053	-12.116	-14.784	-20.766	-13.945	-17.938	-21.054	-18.733	-17.279	-18.419	-19.178	-17.987	-18.338	-21.304	-22.601	-21.172	-19.424	-16.165	-14.872	-13.726		
Average Power (dBm)	-3.2322	-3.1456	-3.1604	-3.0187	-2.9078	-2.8186	-2.7708	-2.5661	-2.4486	-2.3702	-2.5303	-5.7648	-2.8768	-2.6181	-2.9242	-3.8471	-4.0936	-4.6662	-4.7766	-4.8056	-4.8413	-4.894	-4.9513	-5.2222	-5.1054	-4.9868	-5.0779	-5.0963		
Max/Min Ratio (dB)	18.385	16.752	15.751	18.659	18.036	15.916	15.929	15.672	15.562	15.917	18.675	23.002	18.679	22.846	25.443	22.606	21.017	21.594	22.097	20.802	21.067	23.79	24.91	22.886	21.068	16.869	15.649	14.573		
Max/Avg Ratio (dB)	5.5218	5.4251	5.3579	5.3033	5.2932	5.4645	5.5871	5.8435	5.9575	6.1716	6.4218	8.0008	7.6114	7.5258	7.3129	7.7204	7.831	7.8412	7.696	7.6209	7.5704	7.3806	7.2605	6.9359	6.7488	5.6906	5.8545	5.9435		
Min/Avg Ratio (dB)	-12.863	-11.327	-10.393	-13.356	-12.743	-10.451	-10.342	-9.8283	-9.6042	-9.7453	-12.253	-15.001	-11.068	-15.32	-18.13	-14.886	-13.186	-13.753	-14.401	-13.181	-13.497	-16.41	-17.65	-15.95	-14.319	-11.178	-9.7941	-8.6293		
Average Gain (dBi)	-2.8948	-2.8797	-3.0054	-3.0583	-3.0231	-2.9813	-2.9337	-2.7251	-2.6117	-2.5138	-2.6043	-5.9761	-3.027	-2.6747	-2.9419	-3.8457	-4.1103	-4.7515	-4.9276	-4.9733	-5.0162	-5.0612	-5.1071	-5.373	-5.2629	-4.8375	-4.9333	-4.9208		
E-Plane BW (°)	59	66	66	55	52	53	52	50	49	44	44	38	41	22	23	36	36	35	34	35	34	35	35	34	35	23	21	22		
+ E-Plane BW (°)	19	17	18	39	37	27	27	26	26	14	16	14	15	12	12	13	12	12	12	13	13	12	12	11	12	9	9	10		
- E-Plane BW (°)	40	49	48	16	15	26	25	24	23	30	28	24	26	10	11	23	24	23	22	22	21	23	23	23	23	14	12	12		
H-Plane BW (°)	67	68	68	49	47	65	42	39	37	36	33	24	23	19	19	22	22	23	24	24	24	25	26	28	30	45	41	41		
+ H-Plane BW (°)	13	17	17	21	20	22	21	21	20	10	10	12	13	10	10	13	13	14	15	15	15	17	18	20	22	16	14	14		
- H-Plane BW (°)	54	51	51	28	27	43	21	18	17	26	23	12	10	9	9	9	9	9	9	9	9	8	8	8	8	29	27	27		

ATL Test

Test Date	2009/2/18																											
Trade Name																												
App.No	08-D0288-C																											
Model Name	3107																											
Test Mode Free Space &Talking Position	Free Space																											
Communication System																												
Frequency	824	836	849	869	880	894	900	915	925	940	960	1710	1750	1785	1805	1840	1850	1880	1910	1920	1930	1950	1960	1980	1990	2110	2140	2170
TC03 Note	Free Space																											
Ant. Port Input Pwr. (dBm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tot. Rad. Pwr. (dBm)	-7.7259	-7.1852	-6.7704	-6.5348	-6.4568	-6.1687	-6.2506	-6.3765	-6.4412	-6.5341	-6.6037	-8.0486	-7.6361	-7.3757	-7.3736	-7.2299	-7.2779	-7.5717	-8.0272	-8.2192	-8.3508	-8.5739	-8.6132	-8.2525	-8.3902	-7.417	-10.131	-17.543
Peak EIRP (dBm)	-3.1602	-2.5598	-2.0242	-1.7472	-1.5422	-1.306	-1.4341	-1.722	-1.6498	-1.6462	-1.6983	-2.2523	-1.8768	-1.2387	-1.1634	-0.7388	-0.7744	-0.5883	-0.7481	-0.8238	-0.8634	-0.9013	-0.8353	-0.1655	-0.3876	-0.6742	-3.0979	-10.558
Directivity (dBi)	4.5657	4.6253	4.7461	4.7876	4.9147	4.8626	4.8165	4.6545	4.7913	4.8879	4.9055	5.7963	5.7593	6.137	6.2102	6.4911	6.5036	6.9834	7.2791	7.3954	7.4874	7.6725	7.7779	8.087	8.0026	6.7428	7.0332	6.9844
Efficiency (dB)	-7.7259	-7.1852	-6.7704	-6.5348	-6.4568	-6.1687	-6.2506	-6.3765	-6.4412	-6.5341	-6.6037	-8.0486	-7.6361	-7.3757	-7.3736	-7.2299	-7.2779	-7.5717	-8.0272	-8.2192	-8.3508	-8.5739	-8.6132	-8.2525	-8.3902	-7.417	-10.131	-17.543
Efficiency (%)	16.881	19.12	21.036	22.209	22.611	24.162	23.711	23.033	22.693	22.212	21.859	15.673	17.234	18.299	18.308	18.924	18.716	17.492	15.75	15.069	14.619	13.887	13.762	14.954	14.487	18.126	9.7028	1.7609
Gain (dBi)	**-3.1602**	**-2.5598**	**-2.0242**	**-1.7472**	**-1.5422**	**-1.306**	**-1.4341**	**-1.722**	**-1.6498**	**-1.6462**	**-1.6983**	**-2.2523**	**-1.8768**	**-1.2387**	**-1.1634**	**-0.7388**	**-0.7744**	**-0.5883**	**-0.7481**	**-0.8238**	**-0.8634**	**-0.9013**	**-0.8353**	**-0.1655**	**-0.3876**	**-0.6742**	**-3.0979**	**-10.558**
NHPRP ±Pi/4 (dBm)	-9.002	-8.4778	-8.0572	-7.786	-7.6913	-7.4204	-7.5157	-7.6796	-7.7659	-7.8737	-7.9577	-10.054	-9.5755	-9.3257	-9.3218	-9.2291	-9.2908	-9.7242	-10.367	-10.606	-10.781	-11.139	-11.24	-10.915	-11.055	-9.4421	-12.098	-19.473
NHPRP ±Pi/6 (dBm)	-10.46	-9.9634	-9.5757	-9.3397	-9.2604	-9.017	-9.1152	-9.2932	-9.3997	-9.5232	-9.6065	-11.947	-11.31	-11.014	-10.976	-10.922	-10.993	-11.526	-12.303	-12.587	-12.807	-13.278	-13.429	-13.164	-13.329	-11.309	-13.928	-21.237
NHPRP ±Pi/8 (dBm)	-11.666	-11.186	-10.823	-10.611	-10.549	-10.335	-10.438	-10.613	-10.725	-10.849	-10.918	-13.391	-12.636	-12.282	-12.207	-12.152	-12.22	-12.786	-13.597	-13.905	-14.144	-14.642	-14.808	-14.604	-14.787	-12.566	-15.17	-22.445
Upper Hem. PRP (dBm)	-13.272	-12.792	-12.406	-12.207	-12.148	-11.924	-12.053	-12.104	-12.2	-12.399	-12.536	-12.526	-11.934	-11.634	-11.596	-11.524	-11.529	-11.997	-12.609	-12.825	-13.022	-13.421	-13.585	-13.158	-13.14	-10.742	-13.514	-20.777
Lower Hem. PRP (dBm)	-9.1457	-8.5817	-8.1559	-7.9068	-7.8218	-7.5101	-7.5752	-7.7283	-7.7816	-7.8367	-7.8831	-9.9643	-9.6544	-9.418	-9.4374	-9.2507	-9.3243	-9.5166	-9.886	-10.065	-10.163	-10.297	-10.277	-9.9479	-10.162	-10.134	-12.798	-20.34
NHPRP4 / TRP Ratio (dB)	-1.2761	-1.2927	-1.2869	-1.2512	-1.2345	-1.2517	-1.2651	-1.303	-1.3247	-1.3395	-1.354	-2.0056	-1.9394	-1.95	-1.9482	-1.9992	-2.0129	-2.1525	-2.3393	-2.3872	-2.4306	-2.5647	-2.6268	-2.6628	-2.6643	-2.0251	-1.9671	-1.93
NHPRP4 / TRP Ratio (%)	74.54	74.257	74.355	74.969	75.258	74.96	74.729	74.079	73.711	73.459	73.216	63.015	63.982	63.826	63.854	63.108	62.909	60.918	58.354	57.713	57.14	55.403	54.616	54.165	54.147	62.732	63.576	64.121
NHPRP6 / TRP Ratio (dB)	-2.7343	-2.7782	-2.8053	-2.805	-2.8036	-2.8483	-2.8647	-2.9167	-2.9586	-2.989	-3.0028	-3.8987	-3.6743	-3.638	-3.6022	-3.6918	-3.7154	-3.9539	-4.2758	-4.3678	-4.4564	-4.704	-4.8159	-4.9115	-4.9386	-3.8917	-3.7968	-3.6947
NHPRP6 / TRP Ratio (%)	53.281	52.744	52.416	52.421	52.437	51.9	51.705	51.09	50.599	50.246	50.086	40.75	42.911	43.271	43.629	42.739	42.507	40.236	37.361	36.578	35.839	33.853	32.992	32.274	32.073	40.816	41.718	42.71
NHPRP8 / TRP Ratio (dB)	-3.9405	-4.0006	-4.0521	-4.0765	-4.0922	-4.1667	-4.1874	-4.2369	-4.284	-4.3147	-4.3147	-5.3426	-5.0003	-4.9063	-4.8331	-4.922	-4.9421	-5.2138	-5.5697	-5.6855	-5.7931	-6.0678	-6.195	-6.3515	-6.3963	-5.149	-5.0387	-4.9021
NHPRP8 / TRP Ratio (%)	40.36	39.805	39.336	39.115	38.974	38.311	38.129	37.698	37.291	37.028	37.028	29.224	31.621	32.313	32.861	32.196	32.047	30.104	27.735	27.005	26.345	24.73	24.016	23.166	22.928	30.556	31.342	32.344
UHPRP / TRP Ratio (dB)	-5.5463	-5.607	-5.6359	-5.6723	-5.6911	-5.7557	-5.8025	-5.7272	-5.7584	-5.865	-5.932	-4.4773	-4.298	-4.2579	-4.2223	-4.294	-4.2511	-4.425	-4.5818	-4.6058	-4.671	-4.8474	-4.9717	-4.9053	-4.7496	-3.3245	-3.3827	-3.2339
UHPRP / TRP Ratio (%)	27.885	27.498	27.316	27.088	26.97	26.572	26.288	26.747	26.556	25.912	25.516	35.667	37.171	37.516	37.824	37.205	37.574	36.099	34.82	34.628	34.111	32.753	31.829	32.32	33.5	46.511	45.891	47.491
LHPRP / TRP Ratio (dB)	-1.4198	-1.3965	-1.3856	-1.372	-1.365	-1.3414	-1.3246	-1.3518	-1.3404	-1.3025	-1.2793	-1.9157	-2.0184	-2.0423	-2.0638	-2.0207	-2.0464	-1.945	-1.8588	-1.8461	-1.8119	-1.7233	-1.664	-1.6954	-1.7718	-2.7174	-2.6673	-2.7977
LHPRP / TRP Ratio (%)	72.115	72.502	72.684	72.912	73.03	73.428	73.713	73.253	73.444	74.088	74.485	64.333	62.829	62.484	62.176	62.795	62.426	63.901	65.181	65.372	65.889	67.247	68.171	67.68	66.5	53.489	54.109	52.509
Front/Back Ratio (dB)	7.5278	7.6426	8.1721	8.0936	7.531	6.775	6.9989	5.9843	6.2787	7.4233	8.6804	9.1222	10.254	9.7407	8.6458	8.7478	8.2884	9.0164	8.527	9.2832	9.4585	9.2326	9.3474	10.348	8.9511	7.1552	8.3624	8.7828
Phi BW (°)	128	126	122	124	121	119	119	126	121	118	116	66	63	58	56	53	56	54	59	51	52	51	51	48	65	38	36	35
+ Phi BW (°)	90	89	86	87	85	84	82	87	86	84	82	39	37	35	34	32	35	35	39	32	33	32	32	30	46	21	20	18
- Phi BW (°)	38	37	36	37	36	35	37	39	35	34	34	27	26	23	22	21	21	19	20	19	19	19	19	18	19	17	16	17
Theta BW (°)	54	52	49	47	46	48	50	52	52	52	52	31	33	30	30	31	31	29	30	29	30	30	30	29	30	30	28	29
+ Th. BW (°)	33	33	32	30	31	34	34	26	27	27	27	16	19	18	18	19	18	17	17	18	18	18	18	18	18	20	19	20
- Th. BW (°)	21	19	17	17	15	14	16	26	25	25	25	15	14	12	12	12	13	12	13	11	12	12	12	11	12	10	9	9
Boresight Phi (°)	216.95	214.55	214.55	219.4	216.95	214.55	219.4	205.45	203.05	203.05	205.45	109.65	103.75	112.85	112.85	112.85	126.4	126.4	132.2	115.25	123.65	120.8	123.65	120.8	137.85	128.8	128.8	137.85
Boresight Th. (°)	120	120	120	120	120	120	120	135	135	135	135	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165
Maximum Power (dBm)	-3.1602	-2.5598	-2.0242	-1.7472	-1.5422	-1.306	-1.4341	-1.722	-1.6498	-1.6462	-1.6983	-2.2523	-1.8768	-1.2387	-1.1634	-0.7388	-0.7744	-0.5883	-0.7481	-0.8238	-0.8634	-0.9013	-0.8353	-0.1655	-0.3876	-0.6742	-3.0979	-10.558
Minimum Power (dBm)	-24.409	-25.124	-24.967	-24.135	-23.394	-20.955	-20.315	-19.138	-18.138	-16.653	-18.439	-19.677	-22.102	-24.28	-23.339	-21.686	-20.972	-22.633	-21.877	-22.741	-23.803	-23.259	-24.482	-28.141	-33.25	-20.158	-23.553	-31.812
Average Power (dBm)	-8.1149	-7.566	-7.154	-6.9393	-6.8665	-6.556	-6.626	-6.7094	-6.7485	-6.8279	-6.8909	-7.8004	-7.3991	-7.0937	-7.08	-6.8758	-6.9166	-7.1304	-7.4942	-7.6567	-7.7707	-7.925	-7.9349	-7.5341	-7.6529	-6.9171	-9.7069	-17.149
Max/Min Ratio (dB)	21.248	22.564	22.943	22.388	21.852	19.649	18.881	17.416	16.488	15.007	16.74	17.425	20.226	23.041	22.176	20.948	20.198	22.045	21.129	21.917	22.94	22.358	23.646	27.976	32.863	19.483	20.455	21.254
Max/Avg Ratio (dB)	4.9547	5.0062	5.1298	5.1922	5.3244	5.25	5.192	4.9874	5.0987	5.1817	5.1927	5.5481	5.5223	5.8551	5.9166	6.137	6.1422	6.5421	6.7461	6.8329	6.9073	7.0237	7.0997	7.3687	7.2653	6.2429	6.609	6.5906
Min/Avg Ratio (dB)	-16.294	-17.558	-17.814	-17.195	-16.527	-14.399	-13.689	-12.429	-11.39	-9.8253	-11.548	-11.877	-14.703	-17.186	-16.259	-14.811	-14.055	-15.502	-14.383	-15.084	-16.033	-15.334	-16.547	-20.607	-25.597	-13.24	-13.846	-14.663
Average Gain (dB)	-7.7259	-7.1852	-6.7704	-6.5348	-6.4568	-6.1687	-6.2506	-6.3765	-6.4412	-6.5341	-6.6037	-8.0486	-7.6361	-7.3757	-7.3736	-7.2299	-7.2779	-7.5717	-8.0272	-8.2192	-8.3508	-8.5739	-8.6132	-8.2525	-8.3902	-7.417	-10.131	-17.543
E-Plane BW (°)	49	49	47	43	44	45	44	54	53	53	49	34	32	34	32	31	31	31	33	30	30	30	30	29	34	30	29	28
+ E-Plane BW (°)	29	30	29	26	28	30	28	25	26	26	24	19	17	21	20	18	19	18	18	18	18	18	18	18	20	20	19	19
- E-Plane BW (°)	20	19	18	17	16	15	16	29	27	27	25	15	15	13	12	13	12	13	15	12	12	12	12	11	14	10	10	9
H-Plane BW (°)	98	95	89	91	88	86	91	105	102	100	101	60	65	57	56	58	54	66	69	56	65	65	66	56	68	41	38	35
+ H-Plane BW (°)	36	33	32	34	33	31	35	38	36	36	39	33	46	29	28	40	29	50	53	40	49	49	50	40	53	27	25	14
- H-Plane BW (°)	62	62	57	57	55	55	56	67	66	64	62	27	19	28	28	18	25	16	16	16	16	16	16	16	15	14	13	21