Test Date	2012/12/25								
Antenna Designation				Quar	er-Wave Mon	opole Antenna			
Modulation Technique					GFSk				
Antenna Model Name					TDANT	70			
Test Mode Free Space &Talking Position	Fr	ee Spac	е	Free	Space	Free Spa	ice	Free Spa	ice
Communication System									
Frequency	902	915	928						
OTA-02 Note									
Ant. Port Input Pwr. (dBm)	0	0	0						
Tot. Rad. Pwr. (dBm)	-7.2323	-6.5546	-6.0056						
Peak EIRP (dBm)	-4.0517	-3.3216	-2.7502						
Directivity (dBi)	3.18063	3.23303	3.2554						
Efficiency (dB)	-7.2323	-6.5546	-6.0056						
Efficiency (%)	18.9135	22.1073	25.0866						
Gain (dBi)	-4.0517	-3.3216	-2.7502						
NHPRP ±Pi/4 (dBm)	-8.0999	-7.4016	-6.8365						
NHPRP ±Pi/6 (dBm)		-8.5519							
NHPRP ±Pi/8 (dBm)	-10.259	-9.5479							
Upper Hem. PRP (dBm)	-9.1487	-8.4744	-7.9332						
Lower Hem. PRP (dBm)	-11.708	-11.025	-10.462						
NHPRP4 / TRP Ratio (dB)	-0.8676	-0.8469	-0.831						
NHPRP4 / TRP Ratio (%)	81.8911	82.2822	82.5857						
Near Horz. TRP for ±Pi/4 (dBm)	-6.5948	-5.8964	-5.3314						
NHPRP6 / TRP Ratio (dB)	-2.0304	-1.9972	-1.9699						
NHPRP6 / TRP Ratio (%)	62.656	63.136	63.5339						
Near Horz. TRP for ±Pi/6 (dBm)		-5.5416							
NHPRP8 / TRP Ratio (dB)		-2.9932							
NHPRP8 / TRP Ratio (%)	49.8095		50.5212						
Near Horz. TRP for ±Pi/8 (dBm)	-6.0876	-5.3763	-4.7992						
UHPRP / TRP Ratio (dB)			-1.9276						
UHPRP / TRP Ratio (%)	64.3213								
Upper Hem.Total Radiated Pwr (dBm)									
LHPRP / TRP Ratio (dB)	-4.4759								
LHPRP / TRP Ratio (%)	35.6787	35.7282	35.8437						
Lower Hem. Total Radiated Pwr(dBm)									
Front/Back Ratio (dB)	4.28526	4.34403	4.31406						

Phi BW (°)	267	260	257				
<i>\(\frac{1}{I} \)</i>							
+ Phi BW (°)	127	123	123				
- Phi BW (°)	140		134				
Theta BW (°)	82	82	82				
+ Th. BW (°)	37	37	38				
- Th. BW (°)	45	45	44				
Boresight Phi (°)	165	165	165				
Boresight Th. (°)	75	75	75				
Maximum Power (dBm)	-4.0517	-3.3216	-2.7502				
Minimum Power (dBm)	-18.328	-18.112	-18.156				
Average Power (dBm)	-8.1877	-7.539	-7.0079				
Max/Min Ratio (dB)	14.2766	14.7899	15.4056				
Max/Avg Ratio (dB)	4.13602	4.21743	4.25768				
Min/Avg Ratio (dB)	-10.141	-10.573	-11.148				
Average Gain (dB)	-7.2323	-6.5546	-6.0056				
E-Plane BW (°)	82	82	82				
+ E-Plane BW (°)	45	45	44				
- E-Plane BW (°)	37	37	38				
H-Plane BW (°)	269	261	257	 			
+ H-Plane BW (°)	133	129	126				
- H-Plane BW (°)	136	132	131	 			

File Name: 3G Gain_902-915MHz.pat

Test Method: Two-Axis Dual-Polarization Pattern

Measurement

Test Start Time: 2012/12/25 12:09:14 Test End Time: 2012/12/25 12:25:34

Comments: 3D Gain

Polarization

Theta Frequency (MHz

quency	(MHz)													
902	Theta Ang	0	15	30	45	60	75	90	105	120	135	150	165	180
	Phi Angle	Response	Response	Response	Response (dEI	Response (dB)								
	0	-10.59	-9.97	-8.3	-6.81	-6.11	-6.09	-6.31	-8.34	-12.1	-17.52	-20.66	-15.85	-15.56
	15	-11.77	-11.01	-9.19	-7.49	-6.7	-6.53	-6.59	-8.61	-12.5	-17.47	-22.96	-17.73	-15.56
	30	-13.85	-12.79	-10.54	-8.6	-7.57	-7.25	-7.16	-9.05	-12.98	-17.24	-25.56	-21.06	-15.56
	45	-17.45	-15.2	-12.1	-9.79	-8.54	-8.08	-7.87	-9.56	-13.43	-16.77	-24.84	-27.93	-15.56
	60	-25.01	-17.45	-13.14	-10.56	-9.14	-8.61	-8.4	-9.91	-13.7	-16.04	-21.12	-33.85	-15.56
	75	-31.83	-17.1	-12.73	-10.22	-8.88	-8.44	-8.39	-9.75	-13.44	-15.15	-18.08	-23.26	-15.56
	90	-19.52	-14.72	-11.32	-9.11	-7.9	-7.5	-7.67	-9.03	-12.77	-14.27	-15.95	-18.6	-15.56
	105	-14.96	-12.42	-9.78	-7.83	-6.72	-6.34	-6.66	-8	-11.8	-13.48	-14.47	-15.86	-15.56
	120	-12.42	-10.73	-8.57	-6.79	-5.7	-5.36	-5.72	-7.11	-10.84	-12.97	-13.5	-14.17	-15.56
	135	-10.94	-9.66	-7.73	-6.05	-4.98	-4.67	-5.05	-6.43	-10.04	-12.57	-12.94	-13	-15.56
	150	-10.21	-9	-7.24	-5.61	-4.54	-4.22	-4.67	-6.06	-9.5	-12.35	-12.6	-12.29	-15.56
	165	-10.1	-8.76	-7.08	-5.45	-4.41	-4.07	-4.6	-6.02	-9.33	-12.43	-12.57	-11.91	-15.56
	180	-10.59	-8.93	-7.18	-5.53	-4.45	-4.09	-4.7	-6.22	-9.33	-12.51	-12.68	-11.89	-15.56
	195	-11.77	-9.55	-7.64	-5.88	-4.75	-4.36	-5.08	-6.71	-9.65	-12.72	-13.06	-12.25	-15.56
	210	-13.85	-10.72	-8.52	-6.53	-5.39	-4.93	-5.78	-7.52	-10.22	-13.09	-13.62	-13.04	-15.56
	225	-17.45	-12.62	-9.91	-7.61	-6.4	-5.85	-6.82	-8.64	-11.04	-13.6	-14.6	-14.4	-15.56
	240	-25.01	-15.67	-11.82	-9.06	-7.76	-7.13	-8.14	-9.91	-11.81	-14.27	-16.07	-16.41	-15.56
	255	-31.83	-19.86	-13.89	-10.61	-9.11	-8.44	-9.35	-10.97	-12.36	-15.07	-18.04	-19.3	-15.56
	270	-19.52	-20.25	-14.39	-11.25	-9.62	-9.09	-9.71	-11.17	-12.47	-15.89	-20.49	-21.77	-15.56
	285	-14.96	-15.93	-12.51	-10.3	-8.79	-8.62	-8.92	-10.61	-12.14	-16.68	-21.89	-20.78	-15.56
	300	-12.42	-12.78	-10.49	-8.78	-7.61	-7.56	-7.97	-9.7	-11.9	-17.04	-21.64	-18.24	-15.56
	315	-10.94	-10.8	-9.02	-7.54	-6.64	-6.7	-7.12	-9.01	-11.73	-17.43	-20.34	-16.19	-15.56
	330	-10.21	-9.8	-8.2	-6.78	-6.09	-6.16	-6.57	-8.56	-11.75	-17.55	-19.58	-15.16	-15.56
	345	-10.1	-9.51	-7.97	-6.54	-5.92	-5.96	-6.32	-8.34	-11.89	-17.51	-19.62	-15.02	-15.56
	360	-10.59	-9.86	-8.27	-6.78	-6.11	-6.06	-6.31	-8.36	-12.15	-17.53	-20.62	-15.71	-15.56

915 Theta Ang	; 0	15	30	45	60	75	90	105	120	135	150	165	180	
Phi Angle	Response	Response	Response	Response (dE	Response	(dB)								
0	-10.13	-9.4	-7.77	-6.22	-5.35	-5.38	-5.68	-7.64	-11.39	-17.06	-20.52	-14.96	-14.89	
15	-11.3	-10.42	-8.6	-6.91	-5.92	-5.82	-5.98	-7.9	-11.74	-17.08	-22.83	-16.7	-14.89	
30	-13.37	-12.13	-9.93	-8	-6.8	-6.51	-6.53	-8.33	-12.22	-16.9	-25.9	-20.05	-14.89	
45	-16.94	-14.56	-11.45	-9.17	-7.77	-7.3	-7.24	-8.82	-12.61	-16.35	-24.68	-26.78	-14.89	
60	-24.4	-16.69	-12.37	-9.89	-8.39	-7.85	-7.76	-9.14	-12.82	-15.51	-20.66	-33.78	-14.89	
75	-31.73	-16.4	-11.95	-9.55	-8.16	-7.61	-7.72	-8.91	-12.52	-14.56	-17.51	-22.7	-14.89	
90	-19.15	-14.12	-10.54	-8.38	-7.19	-6.66	-6.99	-8.19	-11.77	-13.62	-15.33	-17.91	-14.89	
105	-14.56	-11.86	-9.06	-7.11	-6.01	-5.54	-5.95	-7.2	-10.8	-12.85	-13.78	-15.23	-14.89	
120	-12	-10.19	-7.87	-6.07	-5.03	-4.58	-5.01	-6.3	-9.84	-12.22	-12.83	-13.46	-14.89	
135	-10.51	-9.12	-7.05	-5.36	-4.33	-3.9	-4.33	-5.61	-9.07	-11.81	-12.21	-12.31	-14.89	
150	-9.76	-8.45	-6.58	-4.91	-3.89	-3.48	-3.93	-5.25	-8.53	-11.54	-11.88	-11.62	-14.89	
165	-9.64	-8.19	-6.41	-4.79	-3.74	-3.33	-3.85	-5.21	-8.43	-11.61	-11.87	-11.25	-14.89	
180	-10.13	-8.35	-6.52	-4.84	-3.77	-3.35	-3.94	-5.39	-8.47	-11.66	-11.98	-11.25	-14.89	
195	-11.3	-8.92	-6.94	-5.15	-4.06	-3.6	-4.29	-5.86	-8.78	-11.9	-12.35	-11.63	-14.89	
210	-13.37	-10.04	-7.78	-5.78	-4.64	-4.14	-4.94	-6.63	-9.39	-12.25	-12.99	-12.43	-14.89	
225	-16.94	-11.83	-9.07	-6.8	-5.61	-5.03	-5.95	-7.69	-10.22	-12.8	-13.97	-13.84	-14.89	
240	-24.4	-14.64	-10.93	-8.23	-6.93	-6.26	-7.24	-8.95	-11.08	-13.48	-15.55	-15.97	-14.89	
255	-31.73	-18.41	-12.9	-9.75	-8.25	-7.56	-8.44	-10.05	-11.74	-14.3	-17.63	-19.07	-14.89	
270	-19.15	-19.34	-13.52	-10.53	-8.79	-8.2	-8.89	-10.4	-11.93	-15.25	-20.27	-21.98	-14.89	
285	-14.56	-15.47	-11.91	-9.69	-8.02	-7.85	-8.21	-9.95	-11.61	-16.12	-22.15	-20.51	-14.89	
300	-12	-12.27	-9.97	-8.23	-6.89	-6.84	-7.29	-9.05	-11.35	-16.53	-22.01	-17.7	-14.89	
315	-10.51	-10.31	-8.49	-6.98	-5.91	-6	-6.5	-8.36	-11.19	-16.98	-20.5	-15.57	-14.89	
330	-9.76	-9.28	-7.66	-6.22	-5.33	-5.46	-5.95	-7.91	-11.11	-17.07	-19.51	-14.42	-14.89	
345	-9.64	-8.94	-7.43	-5.95	-5.15	-5.25	-5.69	-7.67	-11.22	-17.07	-19.47	-14.17	-14.89	
360	-10.13	-9.3	-7.69	-6.17	-5.34	-5.37	-5.69	-7.67	-11.43	-17.17	-20.37	-14.87	-14.89	
928 Theta Ang	0	15	30	45	60	75	90	105	120	135	150	165	180	
Phi Angle	Response	Response	Response	Response (dE	Response	(dB)								
0	-9.62	-8.86	-7.25	-5.81	-4.79	-4.8	-5.17	-7.06	-10.74	-16.64	-20.66	-14.33	-14.33	
15	-10.73	-9.87	-8.1	-6.49	-5.37	-5.23	-5.47	-7.3	-11.06	-16.66	-23.16	-15.94	-14.33	
30	-12.73	-11.59	-9.4	-7.56	-6.24	-5.91	-6.04	-7.72	-11.45	-16.46	-26.52	-19.14	-14.33	
45	-16.15	-13.98	-10.9	-8.71	-7.22	-6.71	-6.74	-8.23	-11.85	-15.94	-24.88	-25.49	-14.33	
60	-23.13	-16.16	-11.77	-9.32	-7.86	-7.21	-7.25	-8.49	-11.96	-15.09	-20.25	-33.24	-14.33	

75	-33.55	-15.93	-11.3	-8.88	-7.58	-6.97	-7.17	-8.3	-11.66	-14.12	-17.05	-22.16	-14.33	
90	-19.15	-13.67	-9.94	-7.7	-6.61	-6.04	-6.42	-7.56	-10.92	-13.15	-14.81	-17.5	-14.33	
105	-14.33	-11.42	-8.49	-6.46	-5.46	-4.92	-5.39	-6.57	-9.95	-12.32	-13.27	-14.67	-14.33	
120	-11.67	-9.79	-7.34	-5.45	-4.49	-3.98	-4.46	-5.66	-9.03	-11.7	-12.22	-12.88	-14.33	
135	-10.13	-8.69	-6.54	-4.75	-3.79	-3.31	-3.77	-4.97	-8.26	-11.22	-11.6	-11.74	-14.33	
150	-9.34	-8.03	-6.07	-4.34	-3.36	-2.89	-3.38	-4.58	-7.79	-10.95	-11.24	-11.06	-14.33	
165	-9.17	-7.77	-5.91	-4.2	-3.2	-2.76	-3.28	-4.57	-7.69	-10.96	-11.19	-10.64	-14.33	
180	-9.62	-7.87	-6.01	-4.26	-3.21	-2.76	-3.35	-4.72	-7.73	-11.05	-11.32	-10.64	-14.33	
195	-10.73	-8.41	-6.42	-4.57	-3.47	-2.99	-3.67	-5.15	-8.05	-11.23	-11.71	-11.05	-14.33	
210	-12.73	-9.47	-7.19	-5.17	-4.04	-3.49	-4.28	-5.88	-8.64	-11.58	-12.36	-11.88	-14.33	
225	-16.15	-11.13	-8.42	-6.14	-4.97	-4.33	-5.22	-6.89	-9.46	-12.12	-13.42	-13.3	-14.33	
240	-23.13	-13.75	-10.17	-7.51	-6.24	-5.51	-6.47	-8.11	-10.37	-12.76	-14.92	-15.58	-14.33	
255	-33.55	-17.18	-12.03	-9.03	-7.55	-6.75	-7.67	-9.17	-11.1	-13.59	-17.11	-18.82	-14.33	
270	-19.15	-18.15	-12.68	-9.84	-8.11	-7.45	-8.15	-9.6	-11.35	-14.5	-20.04	-22.01	-14.33	
285	-14.33	-14.82	-11.24	-9.14	-7.38	-7.15	-7.56	-9.22	-11.11	-15.47	-22.27	-20.54	-14.33	
300	-11.67	-11.75	-9.39	-7.73	-6.3	-6.16	-6.7	-8.4	-10.88	-15.93	-22.63	-17.46	-14.33	
315	-10.13	-9.82	-7.95	-6.54	-5.35	-5.36	-5.93	-7.74	-10.65	-16.31	-20.97	-15.11	-14.33	
330	-9.34	-8.73	-7.13	-5.78	-4.76	-4.86	-5.42	-7.3	-10.53	-16.6	-19.77	-13.88	-14.33	
345	-9.17	-8.41	-6.91	-5.52	-4.59	-4.66	-5.17	-7.07	-10.59	-16.68	-19.55	-13.62	-14.33	
360	-9.62	-8.76	-7.19	-5.75	-4.77	-4.77	-5.2	-7.07	-10.79	-16.66	-20.61	-14.21	-14.33	
Frequency (MHz)														
902 Theta Ang	0	15	30	45	60	75	90	105	120	135	150	165	180	
Phi Angle R	lesponse	Response	Response	Response (dE	Response (dB)								
0	-19.52	-19.27	-18.46	-17.11	-17.77	-19.84	-20.8	-21.37	-18.87	-18.09	-19.16	-20.9	-15.69	
15	-14.96	-14.81	-14.14	-13.13	-13.46	-15.08	-15.22	-15.41	-14.55	-14.55	-15.81	-17.23	-15.69	
30	-12.42	-12.3	-11.77	-10.84	-11.07	-12.32	-12.25	-12.41	-12.22	-12.52	-13.77	-14.94	-15.69	
45	-10.94	-10.96	-10.49	-9.58	-9.76	-10.83	-10.59	-10.74	-10.93	-11.44	-12.65	-13.62	-15.69	
60	-10.21	-10.31	-9.93	-9.07	-9.23	-10.1	-9.8	-10.02	-10.46	-11.04	-12.19	-12.88	-15.69	
75	-10.1	-10.3	-9.97	-9.21	-9.36	-10.18	-9.72	-10.04	-10.68	-11.24	-12.25	-12.74	-15.69	
90	-10.59	-10.85	-10.59	-9.9	-10.07	-10.84	-10.36	-10.84	-11.52	-12	-12.8	-13.05	-15.69	
105	-11.77	-11.93	-11.82	-11.22	-11.42	-12.13	-11.59	-12.32	-13.11	-13.37	-13.8	-13.81	-15.69	
120	-13.85	-13.67	-13.81	-13.32	-13.46	-14.06	-13.58	-14.59	-15.45	-15.46	-15.44	-15.12	-15.69	
135	-17.45	-16.47	-16.81	-16.47	-16.42	-16.75	-16.44	-17.92	-19.19	-18.54	-17.82	-17.21	-15.69	
150	-25.01	-21.41	-22.1	-21.76	-20.89	-20.79	-20.79	-23.09	-26.2	-23.42	-21.48	-20.46	-15.69	
165	-31.83	-34.86	-38.82	-34.61	-29.15	-28.83	-29.45	-31.74	-39.06	-29.82	-26.02	-24.88	-15.69	

Phi

180	-19.52	-25.59	-24.92	-23.74	-26.57	-32.07	-29.6	-25.35	-23.09	-23.77	-24.39	-25.13	-15.69	
195	-14.96	-18.2	-18.09	-17.32	-19.03	-20.99	-20.35	-19.49	-17.91	-18.6	-19.57	-20.38	-15.69	
210	-12.42	-14.58	-14.57	-13.81	-14.77	-16.08	-15.59	-15.8	-14.84	-15.37	-16.18	-16.86	-15.69	
225	-10.94	-12.3	-12.31	-11.54	-12.05	-13.02	-12.62	-13.25	-12.75	-13.22	-14	-14.6	-15.69	
240	-10.21	-10.95	-10.94	-10.08	-10.26	-10.93	-10.62	-11.44	-11.43	-11.92	-12.63	-13.26	-15.69	
255	-10.1	-10.26	-10.24	-9.39	-9.37	-9.81	-9.53	-10.35	-10.78	-11.29	-12.03	-12.62	-15.69	
270	-10.59	-10.23	-10.28	-9.42	-9.26	-9.52	-9.25	-9.99	-10.86	-11.37	-12.16	-12.67	-15.69	
285	-11.77	-10.97	-11.16	-10.36	-10.13	-10.15	-9.95	-10.45	-11.86	-12.27	-13.16	-13.43	-15.69	
300	-13.85	-12.68	-13	-12.29	-12.02	-11.79	-11.58	-11.95	-13.83	-14.31	-15.01	-15.17	-15.69	
315	-17.45	-15.68	-16.25	-15.83	-15.54	-14.74	-14.46	-14.58	-17.47	-17.87	-18.18	-17.82	-15.69	
330	-25.01	-21.54	-22.74	-23.74	-22.66	-20.04	-19.67	-19.72	-25.29	-24.69	-23.13	-22.25	-15.69	
345	-31.83	-30.55	-27.5	-28.91	-27.97	-28.82	-29.75	-36.48	-30.37	-25.51	-24.21	-25.57	-15.69	
360	-19.52	-19.85	-18.78	-17.56	-18.05	-20.38	-21.2	-21.85	-19.26	-18.4	-19.31	-21.1	-15.69	
915 Theta Ang	0	15	30	45	60	75	90	105	120	135	150	165	180	
Phi Angle	Response 2	Response	Response	Response (dE	Response	Response	Response	Response	Response	Response	Response	Response	Response (dB))
0	-19.15	-19.03	-18.72	-16.97	-17.12	-19.07	-20.2	-20.89	-18.5	-17.64	-18.64	-20.25	-15.13	
15	-14.56	-14.44	-14.08	-12.91	-12.82	-14.4	-14.74	-15.05	-14.16	-14.18	-15.19	-16.68	-15.13	
30	-12	-11.9	-11.6	-10.55	-10.45	-11.68	-11.78	-11.94	-11.77	-12.08	-13.17	-14.34	-15.13	
45	-10.51	-10.52	-10.25	-9.29	-9.19	-10.21	-10.11	-10.28	-10.5	-10.96	-12.08	-13.07	-15.13	
60	-9.76	-9.89	-9.67	-8.77	-8.66	-9.53	-9.31	-9.54	-10	-10.6	-11.61	-12.37	-15.13	
75	-9.64	-9.88	-9.71	-8.9	-8.79	-9.57	-9.25	-9.59	-10.18	-10.76	-11.68	-12.24	-15.13	
90	-10.13	-10.39	-10.35	-9.62	-9.54	-10.29	-9.88	-10.33	-10.99	-11.51	-12.23	-12.56	-15.13	
105	-11.3	-11.48	-11.59	-11	-10.93	-11.6	-11.17	-11.82	-12.51	-12.9	-13.27	-13.36	-15.13	
120	-13.37	-13.23	-13.52	-13.11	-12.98	-13.56	-13.16	-14.01	-14.82	-14.93	-14.91	-14.69	-15.13	
135	-16.94	-16.02	-16.47	-16.29	-15.91	-16.29	-16.05	-17.26	-18.42	-18.09	-17.4	-16.8	-15.13	
150	-24.4	-20.83	-21.6	-21.7	-20.4	-20.38	-20.59	-22.31	-25.2	-23.13	-21.13	-19.95	-15.13	
165	-31.73	-33.72	-35.92	-35.63	-28.35	-28.49	-29.37	-30.82	-42.27	-30.85	-26.11	-24.19	-15.13	
180	-19.15	-25.3	-25.37	-23.27	-25.52	-31.63	-28.67	-25.4	-23.02	-23.6	-24.31	-24.36	-15.13	
195	-14.56	-17.81	-18.16	-16.94	-18.28	-20.51	-19.66	-19.23	-17.59	-18.18	-19.01	-19.61	-15.13	
210	-12	-14.11	-14.41	-13.41	-14.11	-15.53	-15	-15.45	-14.43	-14.88	-15.58	-16.21	-15.13	
225	-10.51	-11.76	-12.02	-11.17	-11.42	-12.43	-11.98	-12.79	-12.27	-12.73	-13.38	-13.96	-15.13	
240	-9.76	-10.37	-10.52	-9.68	-9.67	-10.35	-10	-10.95	-10.92	-11.38	-12.04	-12.64	-15.13	
255	-9.64	-9.64	-9.75	-8.97	-8.74	-9.22	-8.9	-9.84	-10.22	-10.76	-11.47	-11.99	-15.13	
270	10.12	0.50	0.7	0.07	0.70	0.00	0.62	0.44	10.2	10.00	11 57	12.05	15 12	
	-10.13	-9.59	-9.7	-8.95	-8.69	-8.92	-8.63	-9.44	-10.3	-10.82	-11.57	-12.05	-15.13	
285	-10.13	-9.59 -10.29			-8.69 -9.57									

300	-13.37	-11.93	-12.2	-11.72	-11.51	-11.21	-10.98	-11.37	-13.21	-13.77	-14.54	-14.57	-15.13	
315	-16.94	-14.86	-15.37	-15.19	-15.11	-14.16	-13.88	-14.03	-16.87	-17.38	-17.82	-17.29	-15.13	
330	-24.4	-20.62	-21.35	-22.69	-22.51	-19.67	-19.17	-19.26	-24.58	-24.2	-22.89	-21.77	-15.13	
345	-31.73	-31.26	-28.34	-29.39	-27.46	-27.67	-29.22	-35.52	-30.07	-25.26	-23.83	-25.29	-15.13	
360	-19.15	-19.71	-18.98	-17.51	-17.34	-19.49	-20.7	-21.39	-18.87	-18.03	-18.8	-20.56	-15.13	
928 Theta Ang	0	15	30	45	60	75	90	105	120	135	150	165	180	
Phi Angle R	lesponse	Response	Response	Response (dE	Response (dB)								
0	-19.15	-18.81	-18.8	-17.14	-16.63	-18.38	-19.95	-20.52	-18.2	-17.43	-18.23	-20.06	-14.71	
15	-14.33	-14.02	-13.91	-12.85	-12.43	-13.8	-14.47	-14.65	-13.83	-13.85	-14.79	-16.22	-14.71	
30	-11.67	-11.53	-11.42	-10.44	-10.09	-11.2	-11.51	-11.56	-11.43	-11.79	-12.74	-13.9	-14.71	
45	-10.13	-10.13	-10.04	-9.16	-8.8	-9.73	-9.84	-9.9	-10.12	-10.67	-11.66	-12.6	-14.71	
60	-9.34	-9.49	-9.5	-8.63	-8.27	-9.06	-9.04	-9.16	-9.62	-10.24	-11.16	-11.92	-14.71	
75	-9.17	-9.47	-9.55	-8.73	-8.42	-9.12	-8.99	-9.19	-9.78	-10.43	-11.25	-11.83	-14.71	
90	-9.62	-10.02	-10.19	-9.47	-9.2	-9.8	-9.59	-9.92	-10.57	-11.18	-11.81	-12.19	-14.71	
105	-10.73	-11.13	-11.44	-10.83	-10.58	-11.13	-10.87	-11.31	-12.04	-12.58	-12.86	-12.99	-14.71	
120	-12.73	-12.96	-13.36	-12.95	-12.66	-13.08	-12.89	-13.51	-14.31	-14.59	-14.52	-14.39	-14.71	
135	-16.15	-15.72	-16.3	-16.16	-15.68	-15.79	-15.81	-16.6	-17.85	-17.65	-16.98	-16.48	-14.71	
150	-23.13	-20.62	-21.28	-21.66	-20.31	-19.88	-20.29	-21.47	-23.96	-22.97	-20.82	-19.72	-14.71	
165	-33.55	-33.14	-34.28	-37.13	-28.41	-27.72	-28.91	-29.29	-40.58	-31.67	-26.25	-24	-14.71	
180	-19.15	-24.54	-25.75	-23.25	-24.62	-31.75	-28.12	-25.36	-23.15	-23.85	-24.32	-23.7	-14.71	
195	-14.33	-17.34	-18.23	-16.8	-17.61	-20.22	-19.28	-19.07	-17.44	-17.99	-18.79	-19.06	-14.71	
210	-11.67	-13.61	-14.28	-13.28	-13.58	-15.08	-14.58	-15.14	-14.13	-14.57	-15.23	-15.67	-14.71	
225	-10.13	-11.34	-11.8	-10.94	-10.91	-11.93	-11.58	-12.44	-11.93	-12.39	-13.03	-13.44	-14.71	
240	-9.34	-9.88	-10.22	-9.45	-9.2	-9.83	-9.58	-10.54	-10.53	-11.03	-11.67	-12.13	-14.71	
255	-9.17	-9.2	-9.4	-8.67	-8.32	-8.73	-8.46	-9.39	-9.86	-10.4	-11.09	-11.52	-14.71	
270	-9.62	-9.12	-9.28	-8.62	-8.25	-8.44	-8.22	-9.01	-9.91	-10.47	-11.22	-11.59	-14.71	
285	-10.73	-9.76	-10.01	-9.46	-9.15	-9.07	-8.94	-9.49	-10.89	-11.39	-12.3	-12.37	-14.71	
300	-12.73	-11.43	-11.65	-11.27	-11.13	-10.83	-10.58	-11	-12.84	-13.47	-14.22	-14.14	-14.71	
315	-16.15	-14.3	-14.77	-14.64	-14.76	-13.91	-13.51	-13.69	-16.42	-17.03	-17.58	-16.92	-14.71	
330	-23.13	-20.04	-20.71	-21.67	-22.47	-19.5	-18.71	-18.94	-24.26	-24.1	-23.04	-21.65	-14.71	
345	-33.55	-31.69	-29.78	-30.27	-27.36	-26.96	-28.23	-35.89	-29.7	-25.2	-23.77	-25.1	-14.71	
360	-19.15	-19.49	-19.03	-17.56	-16.9	-18.68	-20.39	-20.98	-18.54	-17.75	-18.5	-20.3	-14.71	
Frequency (MHz)														
902 Theta Ang	0	15	30	45	60	75	90	105	120	135	150	165	180	

Total

Phi Angle R	Response (R	Response (R	esponse (R	esponse (dB) R	esponse (R	esponse (F	Response (1	Response (F	Response (I	Response (I	Response (F	Response (I	Response (dB)
0	-10.07	-9.49	-7.9	-6.42	-5.83	-5.91	-6.16	-8.12	-11.27	-14.79	-16.84	-14.67	-12.62
15	-10.07	-9.49	-7.99	-6.44	-5.87	-5.96	-6.04	-7.79	-10.4	-12.76	-15.04	-14.46	-12.62
30	-10.07	-9.53	-8.1	-6.56	-5.97	-6.07	-5.99	-7.4	-9.57	-11.26	-13.5	-13.99	-12.62
45	-10.07	-9.57	-8.21	-6.67	-6.1	-6.23	-6.01	-7.1	-9	-10.33	-12.4	-13.46	-12.62
60	-10.07	-9.54	-8.24	-6.74	-6.18	-6.28	-6.03	-6.95	-8.78	-9.85	-11.67	-12.85	-12.62
75	-10.07	-9.48	-8.12	-6.68	-6.1	-6.21	-5.99	-6.89	-8.83	-9.76	-11.24	-12.37	-12.62
90	-10.07	-9.36	-7.93	-6.47	-5.84	-5.85	-5.8	-6.83	-9.09	-9.98	-11.09	-11.99	-12.62
105	-10.07	-9.16	-7.67	-6.19	-5.45	-5.32	-5.45	-6.64	-9.39	-10.41	-11.11	-11.71	-12.62
120	-10.07	-8.95	-7.43	-5.91	-5.02	-4.81	-5.06	-6.39	-9.55	-11.03	-11.35	-11.61	-12.62
135	-10.07	-8.84	-7.23	-5.67	-4.68	-4.41	-4.74	-6.13	-9.54	-11.59	-11.72	-11.6	-12.62
150	-10.07	-8.75	-7.1	-5.5	-4.44	-4.12	-4.56	-5.98	-9.41	-12.02	-12.07	-11.67	-12.62
165	-10.07	-8.75	-7.07	-5.45	-4.4	-4.05	-4.58	-6.01	-9.33	-12.35	-12.38	-11.7	-12.62
180	-10.07	-8.84	-7.11	-5.46	-4.42	-4.09	-4.69	-6.17	-9.15	-12.2	-12.4	-11.69	-12.62
195	-10.07	-8.99	-7.26	-5.58	-4.6	-4.27	-4.95	-6.49	-9.05	-11.73	-12.19	-11.63	-12.62
210	-10.07	-9.22	-7.55	-5.79	-4.92	-4.61	-5.34	-6.92	-8.93	-11.07	-11.7	-11.53	-12.62
225	-10.07	-9.44	-7.93	-6.14	-5.35	-5.09	-5.8	-7.35	-8.8	-10.4	-11.28	-11.49	-12.62
240	-10.07	-9.69	-8.35	-6.53	-5.82	-5.62	-6.2	-7.6	-8.61	-9.93	-11.01	-11.54	-12.62
255	-10.07	-9.81	-8.68	-6.95	-6.23	-6.06	-6.43	-7.64	-8.49	-9.77	-11.06	-11.78	-12.62
270	-10.07	-9.82	-8.86	-7.23	-6.43	-6.29	-6.46	-7.53	-8.58	-10.06	-11.56	-12.17	-12.62
285	-10.07	-9.77	-8.77	-7.32	-6.4	-6.31	-6.39	-7.52	-8.99	-10.93	-12.61	-12.7	-12.62
300	-10.07	-9.72	-8.56	-7.18	-6.27	-6.17	-6.4	-7.67	-9.75	-12.45	-14.16	-13.43	-12.62
315	-10.07	-9.58	-8.27	-6.94	-6.11	-6.07	-6.39	-7.94	-10.7	-14.64	-16.12	-13.92	-12.62
330	-10.07	-9.52	-8.05	-6.69	-5.99	-5.99	-6.36	-8.24	-11.56	-16.78	-17.99	-14.38	-12.62
345	-10.07	-9.47	-7.93	-6.51	-5.89	-5.94	-6.3	-8.34	-11.83	-16.87	-18.33	-14.65	-12.62
360	-10.07	-9.44	-7.9	-6.43	-5.84	-5.91	-6.17	-8.17	-11.38	-14.94	-16.91	-14.61	-12.62
915 Theta Ang	0	15	30	45	60	75	90	105	120	135	150	165	180
	Response (R -9.62	Response (R -8.95	lesponse (R -7.43	lesponse (dB) R -5.87	esponse (R -5.07	esponse (R -5.2		Response (F -7.44	Response (1 -10.61	Response (1 -14.33		Response (1 -13.84	Response (dB) -12
0 15	-9.62	-8.97	-7.43 -7.51	-5.94	-5.07 -5.11	-5.26	-5.53 -5.44	-7.44 -7.13	-10.01 -9.77	-14.33	-16.47 -14.5	-13.68	-12 -12
30	-9.62	-0.97 -9	-7.51 -7.68	-5.94 -6.08		-5.20 -5.35		-7.13 -6.76	-9.77 -8.98	-12.36 -10.84	-14.5 -12.94	-13.31	
30 45	-9.62	-9.08	-7.08 -7.8	-6.22	-5.24 5.41	-5.55 -5.51	-5.4 5.42	-6.48		-10.84 -9.86			-12 12
60	-9.62 -9.62	-9.08 -9.07	-7.81	-6.22 -6.28	-5.41 -5.51	-5.51 -5.6	-5.43 -5.46	-6.32	-8.42 8.17	-9.38	-11.85	-12.89 -12.34	-12 12
75	-9.62 -9.62		-7.67						-8.17 -8.18		-11.1 10.67		-12 12
90	-9.62 -9.62	-9 -8.86	-7.43	-6.2 -5.94	-5.45 -5.2	-5.47 -5.09	-5.41 -5.19	-6.22 -6.12		-9.24 -9.43	-10.67 -10.5	-11.87	-12 12
90	-9. 02	-0.00	-1.43	-3.94	-3.2	-3.09	-3.19	-0.12	-8.35	-7.43	-10.3	-11.45	-12

105	-9.62	-8.65	-7.13	-5.63	-4.8	-4.58	-4.81	-5.91	-8.56	-9.86	-10.5	-11.18	-12
120	-9.62	-8.44	-6.82	-5.29	-4.38	-4.06	-4.39	-5.62	-8.64	-10.36	-10.74	-11.02	-12
135	-9.62	-8.31	-6.58	-5.02	-4.04	-3.65	-4.05	-5.33	-8.59	-10.89	-11.06	-10.98	-12
150	-9.62	-8.2	-6.44	-4.82	-3.79	-3.39	-3.84	-5.16	-8.44	-11.25	-11.39	-11.03	-12
165	-9.62	-8.18	-6.41	-4.79	-3.72	-3.32	-3.83	-5.2	-8.43	-11.56	-11.71	-11.03	-12
180	-9.62	-8.27	-6.47	-4.77	-3.74	-3.34	-3.93	-5.35	-8.32	-11.39	-11.73	-11.04	-12
195	-9.62	-8.4	-6.62	-4.87	-3.9	-3.51	-4.17	-5.66	-8.24	-10.98	-11.5	-10.99	-12
210	-9.62	-8.61	-6.93	-5.09	-4.18	-3.84	-4.53	-6.09	-8.21	-10.36	-11.09	-10.91	-12
225	-9.62	-8.78	-7.29	-5.44	-4.6	-4.3	-4.98	-6.52	-8.11	-9.75	-10.65	-10.89	-12
240	-9.62	-8.99	-7.71	-5.89	-5.08	-4.83	-5.4	-6.82	-7.99	-9.29	-10.44	-10.99	-12
255	-9.62	-9.09	-8.03	-6.33	-5.48	-5.3	-5.66	-6.94	-7.91	-9.17	-10.53	-11.22	-12
270	-9.62	-9.15	-8.19	-6.66	-5.73	-5.53	-5.75	-6.88	-8.03	-9.49	-11.02	-11.63	-12
285	-9.62	-9.14	-8.14	-6.77	-5.72	-5.6	-5.73	-6.92	-8.43	-10.4	-12.19	-12.14	-12
300	-9.62	-9.08	-7.93	-6.62	-5.61	-5.48	-5.75	-7.05	-9.17	-11.92	-13.82	-12.85	-12
315	-9.62	-9	-7.68	-6.37	-5.41	-5.38	-5.77	-7.32	-10.15	-14.16	-15.94	-13.34	-12
330	-9.62	-8.97	-7.48	-6.12	-5.25	-5.3	-5.75	-7.61	-10.92	-16.3	-17.87	-13.69	-12
345	-9.62	-8.92	-7.4	-5.93	-5.12	-5.22	-5.67	-7.67	-11.17	-16.46	-18.11	-13.85	-12
360	-9.62	-8.92	-7.38	-5.87	-5.07	-5.21	-5.56	-7.49	-10.71	-14.57	-16.51	-13.83	-12
928 Theta Ang	0	15	30	45	60	75	90	105	120	135	150	165	180
				esponse (dB) Re									
0	-9.16	-8.44	-6.95	-5.5	-4.51	-4.61	-5.03	-6.87	-10.02	-14.01	-16.27	-13.3	-11.5
15	-9.16	-8.46	-7.09	-5.59	-4.59	-4.66	-4.96	-6.57	-9.22	-12.02	-14.2	-13.07	-11.5
30	-9.16	-8.55	-7.28	-5.76	-4.74	-4.78	-4.96	-6.22	-8.43	-10.51	-12.56	-12.76	-11.5
45	-9.16	-8.63	-7.44	-5.92	-4.93	-4.95	-5.01	-5.98	-7.89	-9.54	-11.45	-12.39	-11.5
60	-9.16	-8.65	-7.48	-5.95	-5.05	-5.03	-5.04	-5.81	-7.62	-9.01	-10.65	-11.89	-11.5
75	-9.16	-8.58	-7.33	-5.79	-4.97	-4.91	-4.98	-5.71	-7.61	-8.89	-10.23	-11.45	-11.5
90	-9.16	-8.46	-7.06	-5.48	-4.7 1	-4.52	-4.71	-5.57	-7.73	-9.04	-10.05	-11.07	-11.5
105	-9.16	-8.26	-6.71	-5.1	-4.29	-3.99	-4.3	-5.31	-7.86	-9.44	-10.05	-10.74	-11.5
120	-9.16	-8.08	-6.37	-4.74	-3.87	-3.48	-3.88	-5	-7.91	-9.9	-10.21	-10.56	-11.5
135	-9.16	-7.91	-6.1	-4.44	-3.51	-3.07	-3.51	-4.68	-7.81	-10.33	-10.5	-10.49	-11.5
150	-9.16	-7.8	-5.94	-4.26	-3.27	-2.81	-3.29	-4.5	-7.69	-10.68	-10.79	-10.51	-11.5
165	-9.16	-7.76	-5.91	-4.2	-3.19	-2.75	-3.26	-4.56	-7.69	-10.92	-11.05	-10.44	-11.5
180	-9.16	-7.77	-5.96	-4.21	-3.18	-2.76	-3.33	-4.68	-7.61	-10.83	-11.11	-10.43	-11.5
195													
	-9.16	-7.89	-6.14	-4.31	-3.31	-2.91	-3.55	-4.98	-7.58	-10.4	-10.94	-10.41	-11.5
210	-9.16 -9.16	-7.89 -8.05	-6.14 -6.41	-4.31 -4.55	-3.31 -3.58	-2.91 -3.2	-3.55 -3.9	-4.98 -5.39	-7.58 -7.56	-10.4 -9.81	-10.94 -10.55	-10.41 -10.36	-11.5 -11.5

225	-9.16	-8.22	-6.78	-4.9	-3.99	-3.64	-4.31	-5.82	-7.51	-9.24	-10.21	-10.36	-11.5
240	-9.16	-8.39	-7.18	-5.36	-4.46	-4.14	-4.74	-6.15	-7.44	-8.8	-9.99	-10.51	-11.5
255	-9.16	-8.56	-7.51	-5.84	-4.91	-4.62	-5.03	-6.26	-7.43	-8.7	-10.12	-10.77	-11.5
270	-9.16	-8.6	-7.64	-6.18	-5.17	-4.91	-5.18	-6.29	-7.56	-9.02	-10.69	-11.21	-11.5
285	-9.16	-8.58	-7.57	-6.29	-5.16	-5	-5.18	-6.34	-7.99	-9.95	-11.88	-11.75	-11.5
300	-9.16	-8.58	-7.36	-6.14	-5.07	-4.88	-5.21	-6.5	-8.74	-11.52	-13.64	-12.48	-11.5
315	-9.16	-8.49	-7.13	-5.91	-4.88	-4.8	-5.23	-6.76	-9.63	-13.65	-15.94	-12.91	-11.5
330	-9.16	-8.42	-6.95	-5.67	-4.68	-4.71	-5.22	-7.01	-10.35	-15.89	-18.09	-13.2	-11.5
345	-9.16	-8.39	-6.89	-5.51	-4.57	-4.63	-5.15	-7.06	-10.53	-16.11	-18.16	-13.32	-11.5
360	-9.16	-8.41	-6.92	-5.47	-4.52	-4.59	-5.07	-6.9	-10.12	-14.16	-16.41	-13.26	-11.5

All Polarization

Theta

acı.	011			
	Frequency	902	915	928
	Point Value	es		
	Ant. Port I	0	0	0
	Tot. Rad. 1	-8.47128	-7.73824	-7.13386
	Peak EIRF	-4.06613	-3.33484	-2.76347
	Directivity	4.40516	4.4034	4.37039
	Efficiency	-8.47128	-7.73824	-7.13386
	Efficiency	14.2191	16.8336	19.347
	Gain (dBi)	-4.06613	-3.33484	-2.76347
	NHPRP 屜	-9.19887	-8.45217	-7.83889
	NHPRP 屜	-10.2725	-9.51876	-8.90027
	NHPRP 屜	-11.2326	-10.4797	-9.86186
	Upper Her	-10.2058	-9.48431	-8.89697
	Lower Hei	-13.2957	-12.5393	-11.9007
	NHPRP4/	-0.72759	-0.71393	-0.70503
	NHPRP4/	84.5748	84.8413	85.0152
	Near Horz	-7.69372	-6.94702	-6.33374
	NHPRP6/	-1.8012	-1.78052	-1.76642
	NHPRP6/	66.0511	66.3664	66.5822
	Near Horz	-7.26219	-6.50846	-5.88997
	NHPRP8/	-2.76128	-2.74142	-2.728
	NHPRP8/	52.9508	53.1934	53.358
	Near Horz	-7.06096	-6.30806	-5.69025
	UHPRP / '	-1.73455	-1.74607	-1.76311

UHPRP/	67.0726	66.8949	66.6329
Upper Her	-7.19553	-6.47401	-5.88667
LHPRP/7	-4.82442	-4.80105	-4.76682
LHPRP/7	32.9274	33.1051	33.3671
Lower Hei	-10.2854	-9.52899	-8.89037
Front/Back	4.27747	4.33793	4.30791
Phi BW (?	136	137	140
+ Phi BW	68	69	58
- Phi BW (68	68	82
Theta BW	83	82	81
+ Th. BW	37	37	37
- Th. BW	46	45	44
Boresight	165	165	180
Boresight'	75	75	75
Maximum	-4.06613	-3.33484	-2.76347
Minimum	-33.8531	-33.7825	-33.5529
Average P	-9.59045	-8.88495	-8.29821
Max/Min l	29.787	30.4477	30.7895
Max/Avg]	5.52432	5.55011	5.53475
Min/Avg I	-24.2627	-24.8976	-25.2547
Average G	-8.47128	-7.73824	-7.13386
E-Plane B'	81	82	81
+ E-Plane	45	45	44
- E-Plane l	36	37	37
H-Plane B	137	139	140
+ H-Plane	68	68	81
- H-Plane	69	71	59
Frequency	902	915	928
Point Value	es		
Ant. Port I	0	0	0
Tot. Rad. 1	-13.2842	-12.7788	-12.4112
Peak EIRF	-9.0655	-8.63219	-8.21847
Directivity	4.21872	4.14659	4.19275
Efficiency	-13.2842	-12.7788	-12.4112
Efficiency	4.69438	5.27377	5.73956

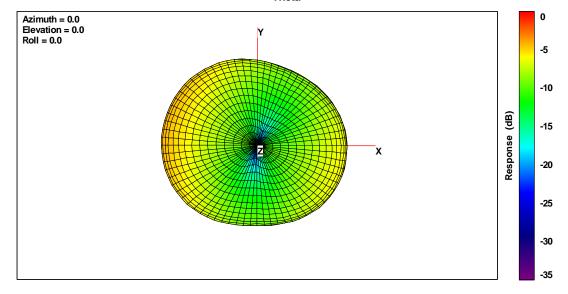
Phi

Gain (dBi)	-9.0655	-8.63219	-8.21847
NHPRP 屜	-14.6059	-14.0798	-13.6957
NHPRP 屜	-16.0932	-15.5504	-15.1473
NHPRP 屜	-17.2318	-16.69	-16.2877
Upper Her	-15.8033	-15.3047	-14.9443
Lower Hei	-16.8485	-16.3343	-15.9578
NHPRP4/	-1.32164	-1.30101	-1.28449
NHPRP4/	73.7626	74.1137	74.3963
Near Horz	-13.1007	-12.5746	-12.1906
NHPRP6/	-2.80895	-2.77163	-2.7361
NHPRP6/	52.3727	52.8246	53.2586
Near Horz	-13.0829	-12.5401	-12.137
NHPRP8/	-3.94753	-3.91126	-3.87653
NHPRP8/	40.2946	40.6325	40.9588
Near Horz	-13.0602	-12.5184	-12.1161
UHPRP/	-2.51908	-2.52596	-2.53304
UHPRP/	55.9877	55.899	55.808
Upper Her	-12.793	-12.2944	-11.934
LHPRP/7	-3.56426	-3.55552	-3.54656
LHPRP/7	44.0123	44.101	44.192
Lower Hei	-13.8382	-13.324	-12.9475
Front/Back	2.8572	1.25011	1.37089
Phi BW (?	71	78	78
+ Phi BW	41	35	35
- Phi BW (30	43	43
Theta BW	288	291	288
+ Th. BW	104	63	61
- Th. BW	184	228	227
Boresight :	60	270	270
Boresight'	45	90	90
Maximum	-9.0655	-8.63219	-8.21847
Minimum	-39.0595	-42.2677	-40.5762
Average P	-13.7782	-13.2823	-12.9078
Max/Min l	29.994	33.6355	32.3577
Max/Avg]	4.71268	4.65009	4.68935
Min/Avg I	-25.2813	-28.9854	-27.6684

	Average G		-12.7788	-12.4112		
	E-Plane B'	145	144	143		
	+ E-Plane	41	88	88		
	- E-Plane l	104	56	55		
	H-Plane B	71	78	78		
	+ H-Plane	31	43	43		
	- H-Plane	40	35	35		
Total	Frequency	902	915	928		
	Point Values					
	Ant. Port I	0	0	0		
	Tot. Rad. 1	-7.23229	-6.55464	-6.00558		
	Peak EIRF	-4.05166	-3.32161	-2.75018		
	Directivity	3.18063	3.23303	3.2554		
	Efficiency	-7.23229	-6.55464	-6.00558		
	Efficiency	18.9135	22.1073	25.0866		
	Gain (dBi)	-4.05166	-3.32161	-2.75018		
	NHPRP 屜	-8.09992	-7.40158	-6.83653		
	NHPRP 屜	-9.26266	-8.55187	-7.97553		
	NHPRP 屜	-10.2592	-9.54786	-8.97084		
	Upper Her	-9.14874	-8.47443	-7.93319		
	Lower Hei	-11.7082	-11.0245	-10.4615		
	NHPRP4/	-0.86763	-0.84694	-0.83095		
	NHPRP4/	81.8911	82.2822	82.5857		
	Near Horz	-6.59477	-5.89643	-5.33138		
	NHPRP6/	-2.03037	-1.99723	-1.96994		
	NHPRP6/	62.656	63.136	63.5339		
	Near Horz	-6.25236	-5.54157	-4.96523		
	NHPRP8 /	-3.02688	-2.99322	-2.96526		
	NHPRP8 /	49.8095	50.197	50.5212		
	Near Horz	-6.08757	-5.37626	-4.79924		
	UHPRP / '	-1.91645	-1.9198	-1.92761		
	UHPRP/	64.3213	64.2718	64.1563		
	Upper Her	-6.13844	-5.46413	-4.92289		
	LHPRP/7	-4.47591	-4.46989	-4.45587		
	LHPRP/7	35.6787	35.7282	35.8437		

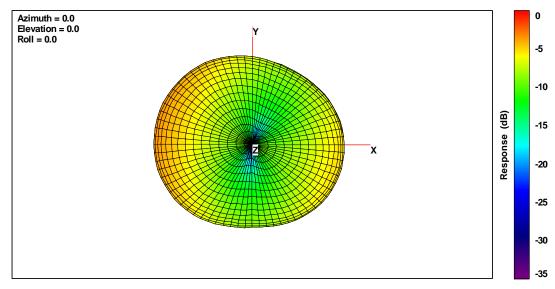
Lower Hei	-8.6979	-8.01422	-7.45115
Front/Back	4.28526	4.34403	4.31406
Phi BW (?	267	260	257
+ Phi BW	127	123	123
- Phi BW (140	137	134
Theta BW	82	82	82
+ Th. BW	37	37	38
- Th. BW	45	45	44
Boresight ?	165	165	165
Boresight'	75	75	75
Maximum	-4.05166	-3.32161	-2.75018
Minimum	-18.3283	-18.1115	-18.1558
Average P	-8.18768	-7.53903	-7.00786
Max/Min l	14.2766	14.7899	15.4056
Max/Avg]	4.13602	4.21743	4.25768
Min/Avg I	-10.1406	-10.5725	-11.1479
Average G	-7.23229	-6.55464	-6.00558
E-Plane B'	82	82	82
+ E-Plane	45	45	44
- E-Plane 1	37	37	38
H-Plane B	269	261	257
+ H-Plane	133	129	126
- H-Plane	136	132	131

Theta



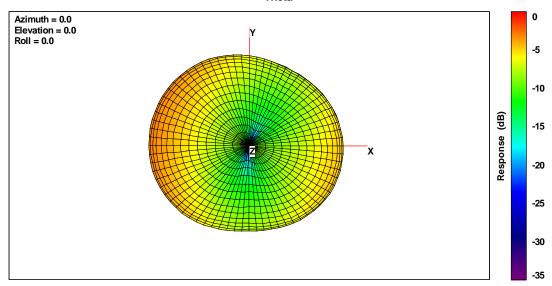
915MHz_Theta

Theta

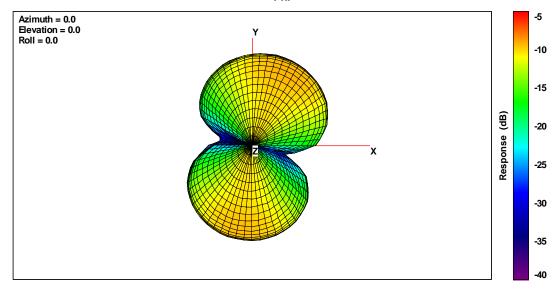


928MHz_Theta

Theta

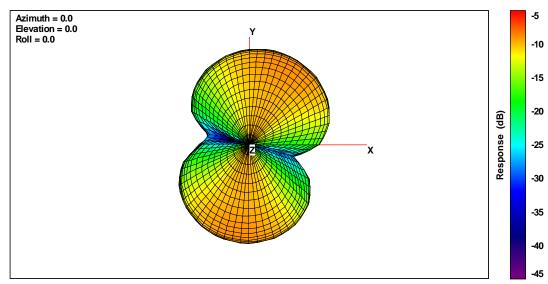


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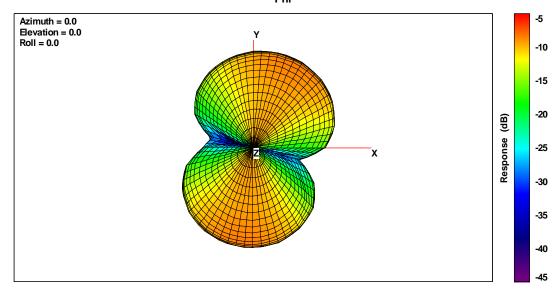
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Phi

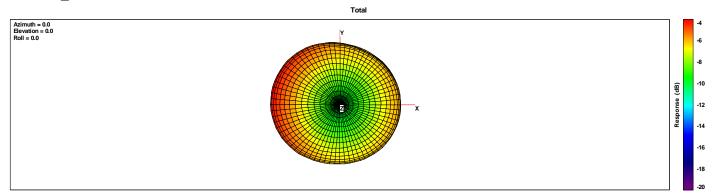


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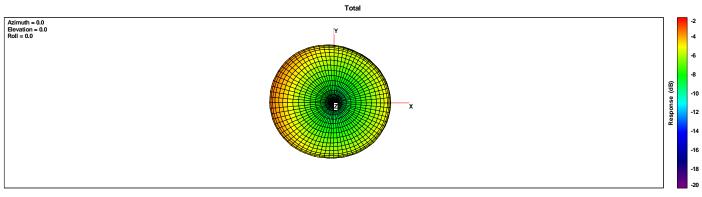
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902MHz_Total



915MHz_Total



928MHz_Total

