

Directional Gain Result – Raw Data

Directional Gain@1SS (Correlate)

Frequency : 2400MHz

Polarity : Theta																										
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360	
0	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	-5.34	
15	4.91	5.82	6.22	6.45	6.07	4.51	4.12	5.41	6.13	6.19	5.95	4.86	3.87	5.40	5.65	5.54	4.52	3.02	2.89	4.72	5.37	5.60	5.50	4.38	4.91	
30	1.43	3.93	4.42	4.65	3.54	2.14	2.00	3.19	3.77	3.91	3.40	2.43	0.92	1.45	2.48	3.13	2.57	1.28	-0.86	0.65	1.70	2.98	2.85	1.75	1.43	
45	-1.37	0.97	0.79	0.23	-0.67	-0.35	0.08	0.55	0.03	-0.49	-1.78	-2.28	-2.55	-2.36	-0.77	0.23	-0.44	-2.94	-5.68	-5.29	-2.47	-0.53	-0.51	-2.75	-1.37	
60	-6.20	-3.16	-3.58	-5.17	-6.89	-5.27	-4.14	-3.56	-4.95	-6.36	-9.36	-9.23	-6.49	-6.94	-6.25	-4.28	-4.49	-7.51	-11.40	-15.73	-11.69	-6.17	-5.10	-7.76	-6.20	
75	-11.93	-10.43	-12.64	-12.29	-13.65	-10.12	-9.28	-10.70	-9.68	-12.54	-14.84	-14.93	-10.34	-12.04	-13.94	-9.71	-9.61	-10.98	-12.12	-15.82	-19.96	-16.74	-11.54	-15.60	-11.93	
90	-18.72	-16.84	-14.75	-11.82	-16.12	-17.68	-13.16	-10.66	-13.13	-19.21	-23.08	-20.94	-13.63	-15.12	-20.95	-17.94	-12.64	-11.13	-11.14	-12.81	-18.12	-22.81	-17.89	-17.00	-18.72	
105	-21.25	-19.04	-16.87	-14.85	-16.50	-16.91	-12.66	-13.22	-14.20	-17.27	-23.25	-17.57	-12.35	-12.29	-14.29	-14.79	-12.29	-10.54	-9.80	-11.29	-13.29	-13.66	-14.29	-17.63	-21.25	
120	-19.82	-15.60	-14.32	-13.37	-18.13	-19.00	-16.82	-16.64	-20.94	-18.90	-18.87	-16.71	-13.39	-12.49	-12.51	-13.67	-13.07	-11.63	-11.67	-13.64	-15.20	-12.46	-11.34	-16.54	-19.82	
135	-15.95	-14.55	-15.74	-17.19	-12.66	-12.57	-17.56	-17.84	-18.15	-18.53	-19.06	-15.47	-13.38	-13.63	-14.69	-15.55	-16.45	-13.73	-11.21	-13.01	-13.00	-12.40	-13.81	-16.13	-15.95	
150	-19.12	-16.75	-16.16	-17.05	-16.26	-14.35	-14.69	-15.27	-15.07	-17.48	-20.00	-18.58	-18.07	-18.68	-17.06	-16.10	-16.21	-16.28	-17.75	-18.55	-16.81	-14.45	-14.47	-17.50	-19.12	
165	-16.37	-17.14	-16.62	-14.39	-13.50	-12.01	-12.86	-14.12	-17.05	-20.86	-16.05	-14.91	-13.71	-13.12	-12.75	-12.07	-11.61	-12.58	-15.91	-20.97	-19.36	-16.13	-14.39	-15.10	-16.37	
180	-23.71	-23.71	-23.71	-23.71	-23.71	-23.71	-23.71	-23.71	-23.71	-23.71	-23.71	-23.71	-23.71	-23.71	-23.71	-23.71	-23.71	-23.71	-23.71	-23.71	-23.71	-23.71	-23.71	-23.71	-23.71	

Polarity : Phi																											
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360		
0	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65	10.65		
15	3.78	6.00	6.54	6.87	6.98	5.76	4.50	5.97	6.06	6.03	5.54	3.95	4.05	5.48	6.20	6.05	5.31	4.31	5.13	6.37	6.95	6.65	5.70	4.89	3.78		
30	2.79	4.50	5.62	6.08	5.00	3.42	2.13	3.53	3.40	3.37	2.79	1.86	1.74	3.76	4.15	4.10	3.37	2.34	3.16	4.28	4.59	4.46	3.98	2.94	2.79		
45	0.60	2.40	3.33	3.02	1.87	-0.50	-0.37	1.24	2.00	2.03	0.99	-0.18	1.22	2.46	3.09	2.72	1.69	1.19	1.26	1.87	1.79	1.29	0.79	0.86	0.60		
60	-3.58	-1.55	0.76	0.89	-0.78	-2.43	-4.22	-2.59	-1.39	-0.54	-1.01	-2.69	-2.34	-0.35	1.04	1.05	0.04	-1.27	-1.77	-2.01	-2.01	-2.40	-3.17	-2.74	-3.58		
75	-7.40	-5.35	-4.75	-5.49	-4.48	-6.02	-7.22	-4.98	-3.52	-2.57	-4.50	-6.93	-5.94	-3.56	-2.17	-2.04	-3.86	-5.46	-5.43	-6.22	-5.68	-6.31	-6.56	-6.22	-7.40		
90	-14.00	-9.61	-7.55	-8.04	-8.48	-9.29	-12.62	-8.15	-7.03	-6.86	-7.14	-9.97	-10.46	-7.51	-5.99	-5.20	-6.48	-9.99	-10.25	-11.25	-10.69	-10.90	-11.62	-11.05	-14.00		
105	-18.58	-15.54	-14.66	-14.40	-12.23	-14.31	-14.04	-9.42	-9.81	-11.43	-11.23	-11.61	-11.31	-8.36	-7.89	-8.61	-8.64	-11.68	-15.35	-11.34	-10.92	-12.82	-13.51	-15.45	-18.58		
120	-17.56	-15.07	-16.33	-18.70	-16.53	-15.50	-16.53	-11.39	-10.70	-14.26	-14.03	-12.14	-15.52	-13.70	-9.61	-10.95	-10.92	-11.12	-21.32	-19.72	-17.34	-17.54	-13.72	-14.71	-17.56		
135	-16.12	-15.35	-16.03	-20.05	-15.70	-13.72	-16.80	-16.04	-14.91	-16.24	-16.00	-15.35	-19.30	-16.69	-11.27	-10.83	-12.40	-16.13	-23.12	-18.21	-19.16	-16.71	-14.24	-15.22	-16.12		
150	-15.06	-16.01	-19.94	-16.61	-14.14	-16.18	-21.77	-24.50	-17.19	-15.42	-17.15	-17.21	-18.77	-19.40	-12.52	-9.87	-11.91	-18.40	-24.01	-17.68	-16.21	-15.72	-14.06	-13.77	-15.06		
165	-24.12	-20.82	-17.71	-17.04	-18.20	-22.16	-24.13	-20.26	-16.43	-14.96	-16.44	-18.79	-18.37	-14.92	-12.63	-12.51	-16.31	-20.93	-18.65	-16.08	-15.12	-14.89	-16.90	-20.65	-24.12		
180	-16.91	-16.91	-16.91	-16.91	-16.91	-16.91	-16.91	-16.91	-16.91	-16.91	-16.91	-16.91	-16.91	-16.91	-16.91	-16.91	-16.91	-16.91	-16.91	-16.91	-16.91	-16.91	-16.91	-16.91	-16.91		

Directional Gain Result – Raw Data

Directional Gain@1SS (Correlate)

Frequency : 2450MHz

Polarity : Theta																										
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360	
0	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	
15	5.00	5.74	6.57	6.56	6.43	4.89	3.74	4.62	5.32	5.44	5.37	4.35	4.55	5.87	6.11	5.92	4.64	3.21	1.49	3.63	4.59	5.05	5.16	3.78	5.00	
30	0.85	3.86	4.06	4.17	3.19	2.32	1.66	2.31	2.90	3.07	2.33	0.91	1.25	2.71	3.36	3.84	3.31	2.59	-0.03	-0.99	0.36	1.96	1.90	0.59	0.85	
45	-2.16	-1.34	-1.81	-1.53	-1.61	-1.42	-1.55	-1.66	-2.02	-1.72	-2.94	-4.78	-3.67	-0.95	0.48	1.04	0.70	-0.27	-2.07	-3.97	-2.72	-1.42	-1.56	-2.92	-2.16	
60	-6.58	-6.33	-7.29	-8.19	-7.88	-6.30	-5.78	-5.98	-6.19	-7.10	-9.79	-11.41	-10.04	-8.04	-5.07	-4.18	-4.08	-4.68	-6.18	-8.91	-8.84	-5.07	-5.13	-5.88	-6.58	
75	-11.92	-11.79	-12.99	-12.62	-13.15	-11.00	-10.60	-11.34	-11.11	-14.33	-20.80	-16.70	-13.66	-17.07	-13.65	-10.55	-9.19	-10.32	-11.71	-13.56	-14.33	-13.43	-11.99	-12.09	-11.92	
90	-15.51	-16.00	-15.05	-11.98	-12.70	-13.58	-13.58	-11.40	-12.45	-13.31	-15.96	-15.52	-12.88	-16.96	-18.37	-13.01	-9.76	-10.20	-12.52	-12.79	-13.00	-15.23	-15.58	-15.73	-15.51	
105	-15.39	-15.71	-12.52	-11.04	-9.96	-13.69	-12.01	-12.58	-13.68	-14.42	-14.52	-12.95	-10.46	-9.77	-12.91	-12.40	-9.00	-9.38	-9.97	-10.55	-12.22	-17.32	-15.82	-13.56	-15.39	
120	-17.25	-16.04	-13.29	-13.37	-13.33	-16.15	-14.16	-13.84	-15.04	-12.19	-11.94	-11.75	-10.73	-11.16	-11.98	-10.94	-9.81	-9.14	-10.59	-11.86	-14.26	-15.53	-13.68	-14.97	-17.25	
135	-18.64	-13.07	-12.39	-14.70	-13.49	-10.17	-11.94	-12.66	-12.56	-13.38	-15.04	-15.29	-15.86	-18.75	-20.52	-16.09	-14.04	-12.11	-11.37	-12.66	-11.62	-10.57	-11.01	-15.10	-18.64	
150	-16.55	-17.22	-14.13	-13.87	-17.59	-16.99	-14.83	-15.69	-14.72	-16.04	-18.13	-17.66	-17.98	-17.57	-14.73	-12.32	-13.52	-14.88	-13.37	-13.12	-12.65	-11.10	-11.74	-14.70	-16.55	
165	-19.97	-21.77	-19.57	-15.34	-13.08	-11.25	-11.79	-12.90	-15.00	-16.63	-15.36	-14.58	-13.45	-13.53	-13.64	-12.68	-11.90	-11.93	-12.67	-13.41	-13.93	-13.31	-13.77	-16.70	-19.97	
180	-27.52	-27.52	-27.52	-27.52	-27.52	-27.52	-27.52	-27.52	-27.52	-27.52	-27.52	-27.52	-27.52	-27.52	-27.52	-27.52	-27.52	-27.52	-27.52	-27.52	-27.52	-27.52	-27.52	-27.52	-27.52	

Polarity : Phi																											
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360		
0	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74	10.74		
15	2.41	5.59	6.27	6.77	6.87	6.13	6.00	7.05	7.40	7.23	6.85	4.58	3.85	5.23	6.09	6.16	5.71	5.09	5.96	7.28	7.92	7.63	6.61	5.45	2.41		
30	1.07	3.54	5.24	5.91	4.86	3.58	3.88	5.54	5.31	5.31	4.46	3.55	2.10	3.02	3.93	4.14	4.24	3.52	3.74	5.37	5.97	5.84	4.87	2.75	1.07		
45	-1.03	2.63	3.69	2.91	1.36	-0.05	1.52	3.18	3.28	2.93	1.76	0.61	1.26	2.03	2.90	3.40	2.95	1.69	1.69	3.73	4.14	3.68	2.91	2.05	-1.03		
60	-4.85	-0.35	1.21	0.30	-1.91	-3.14	-2.37	-0.08	1.34	1.58	0.32	-0.96	-1.16	-0.90	0.08	0.53	0.44	-0.62	-1.04	0.89	1.60	1.01	-0.66	-1.97	-4.85		
75	-7.11	-3.89	-3.76	-5.45	-5.79	-7.55	-6.65	-3.56	-1.58	-1.47	-3.92	-5.03	-4.59	-3.59	-2.14	-1.68	-2.71	-4.45	-5.07	-3.94	-3.73	-4.84	-5.78	-6.94	-7.11		
90	-11.72	-8.42	-7.45	-8.53	-8.71	-10.87	-9.67	-6.52	-5.55	-6.06	-7.47	-9.23	-8.26	-8.35	-5.73	-3.94	-5.23	-8.66	-9.59	-8.76	-7.48	-6.48	-8.49	-11.05	-11.72		
105	-18.35	-19.65	-16.38	-15.06	-15.55	-17.74	-13.57	-9.10	-8.26	-9.93	-12.79	-11.80	-9.58	-8.89	-7.94	-6.04	-7.20	-10.44	-14.50	-16.42	-11.53	-11.60	-12.90	-13.94	-18.35		
120	-21.39	-19.41	-17.96	-20.83	-22.09	-17.31	-13.25	-11.29	-11.67	-13.93	-12.98	-12.24	-13.54	-14.12	-11.99	-10.43	-9.11	-11.49	-17.26	-16.72	-14.70	-13.40	-13.03	-13.62	-21.39		
135	-12.35	-11.70	-11.13	-16.06	-22.98	-16.66	-16.41	-15.11	-13.40	-15.21	-13.20	-14.59	-20.07	-19.74	-14.02	-14.22	-13.10	-14.97	-20.96	-15.43	-15.46	-13.81	-10.25	-9.90	-12.35		
150	-12.49	-12.25	-13.42	-21.90	-16.62	-15.65	-21.61	-26.85	-18.87	-16.71	-17.87	-17.29	-18.72	-16.66	-11.65	-11.12	-13.53	-17.42	-20.38	-13.15	-11.92	-12.62	-11.56	-10.64	-12.49		
165	-20.30	-26.56	-22.22	-16.83	-14.42	-16.15	-20.16	-22.03	-17.16	-15.18	-16.60	-18.06	-15.28	-11.31	-9.83	-10.64	-13.91	-17.35	-15.60	-13.69	-13.80	-15.45	-17.11	-14.56	-20.30		
180	-17.05	-17.05	-17.05	-17.05	-17.05	-17.05	-17.05	-17.05	-17.05	-17.05	-17.05	-17.05	-17.05	-17.05	-17.05	-17.05	-17.05	-17.05	-17.05	-17.05	-17.05	-17.05	-17.05	-17.05	-17.05		

Directional Gain Result – Raw Data

Directional Gain@1SS (Correlate)

Frequency : 2500MHz

Polarity : Theta																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
0	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97	-6.97

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Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
0	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96	10.96																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
15	1.92	4.28	5.25	5.74	6.12	5.75	6.12	7.23	7.40	7.45	6.96	4.98	4.02	4.49	5.36	5.47	5.11	4.62	5.50	6.84	7.48	7.25	6.13	5.23	1.92	1.92	5.23	6.13	7.25	7.48	7.25	6.13	5.23	6.13	7.25	7.48	7.25	6.13	5.23	6.13	7.25	7.48	7.25	6.13	5.23	6.13	7.25	7.48	7.25	6.13	5.23																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
30	1.00	2.75	4.39	4.98	3.77	3.18	4.29	5.78	5.54	5.32	4.57	4.07	1.87	2.79	3.65	4.22	4.52	3.70	3.45	5.25	5.78	5.76	4.92	2.11	1.00	1.00	2.11	4.92	5.76	5.78	4.92	2.11	4.92	5.76	5.78	4.92	2.11	4.92	5.76	5.78	4.92	2.11	4.92	5.76	5.78	4.92	2.11	4.92	5.76	5.78	4.92	2.11																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
45	-0.99	1.66	2.70	2.20	0.61	0.13	1.84	4.02	4.07	3.69	2.72	1.57	1.34	2.06	2.98	3.89	3.78	2.51	1.85	3.82	4.19	4.10	2.64	2.54	-0.99	-0.99	2.54	2.64	4.10	4.19	3.78	3.89	2.98	2.72	3.69	4.07	4.02	1.84	0.13	0.61	2.20	2.70	1.66	-0.99	-0.99	2.54	2.64	4.10	4.19	3.78	3.89	2.98	2.72	3.69	4.07	4.02	1.84	0.13	0.61	2.20	2.70	1.66	-0.99	-0.99																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
60	-3.59	0.21	1.11	0.04	-2.37	-3.71	-2.87	-0.21	1.26	2.37	1.34	0.20	-0.30	-0.36	0.38	1.10	1.37	0.48	-0.58	1.18	2.26	1.43	-0.71	-1.30	-3.59	-3.59	-1.30	-0.71	2.26	1.43	0.48	1.10	1.37	0.38	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34	0.20	-0.36	-0.30	1.26	2.37	1.34

Directional Gain Result – Raw Data

Directional Gain@1SS (Correlate)

Frequency : 5150MHz

Polarity : Theta																									
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360
0	-3.71	-3.71	-3.71	-3.71	-3.71	-3.71	-3.71	-3.71	-3.71	-3.71	-3.71	-3.71	-3.71	-3.71	-3.71	-3.71	-3.71	-3.71	-3.71	-3.71	-3.71	-3.71	-3.71	-3.71	-3.71
15	7.57	8.86	9.62	9.59	9.15	8.33	8.83	10.08	10.58	10.30	9.59	8.40	6.49	6.98	7.42	7.54	7.31	6.75	7.41	8.13	8.00	8.05	7.83	7.24	7.57
30	1.57	3.34	4.48	4.83	4.80	3.56	3.06	3.63	5.19	5.78	5.30	4.13	2.49	2.44	3.75	3.96	2.73	3.50	3.77	3.86	3.06	0.77	-1.34	-1.25	1.57
45	-3.04	-1.12	0.28	0.26	-1.27	-1.91	-6.62	-4.69	-3.33	-2.16	-4.89	-4.90	-6.20	-4.76	-3.40	-4.33	-5.29	-3.10	-4.07	-3.75	-13.96	-19.28	-10.14	-2.97	-3.04
60	-4.76	-8.65	-7.91	-7.73	-5.46	-4.76	-8.80	-7.77	-6.44	-6.90	-8.16	-7.86	-4.82	-4.52	-6.52	-13.53	-18.21	-11.58	-7.97	-7.48	-13.29	-17.05	-10.79	-3.65	-4.76
75	-11.54	-16.05	-20.40	-14.26	-11.42	-10.84	-13.44	-10.14	-10.69	-9.92	-11.83	-16.95	-7.37	-6.23	-6.85	-16.54	-15.01	-12.14	-13.66	-15.79	-19.13	-23.73	-9.90	-7.48	-11.54
90	-19.82	-16.82	-15.51	-17.01	-18.06	-15.68	-14.83	-12.78	-11.92	-10.88	-11.95	-13.99	-19.07	-16.53	-9.18	-12.49	-19.11	-10.68	-15.43	-16.30	-19.94	-17.26	-13.32	-12.11	-19.82
105	-14.99	-17.00	-14.51	-20.07	-20.44	-22.66	-12.28	-17.02	-12.78	-12.61	-12.12	-15.91	-19.16	-14.44	-10.64	-13.56	-17.50	-13.28	-13.56	-14.61	-14.86	-18.03	-13.92	-15.18	-14.99
120	-13.45	-20.03	-18.22	-27.51	-21.49	-21.57	-12.19	-15.14	-15.05	-15.99	-12.89	-14.03	-17.83	-15.83	-16.14	-12.36	-17.31	-14.20	-17.25	-18.07	-17.28	-19.45	-16.81	-15.66	-13.45
135	-11.21	-17.38	-19.10	-19.08	-20.32	-18.53	-13.42	-17.13	-16.41	-17.27	-13.16	-16.26	-14.32	-17.77	-21.24	-23.58	-15.18	-23.29	-16.68	-25.91	-15.27	-21.81	-13.98	-14.98	-11.21
150	-12.38	-19.57	-19.65	-28.68	-17.82	-14.91	-14.76	-20.12	-22.52	-20.35	-16.82	-16.80	-18.60	-14.34	-21.74	-26.87	-20.10	-20.99	-18.07	-18.03	-13.67	-16.12	-17.00	-15.95	-12.38
165	-19.65	-20.16	-21.29	-24.55	-21.73	-21.59	-22.45	-19.63	-20.34	-21.66	-19.67	-17.91	-18.83	-22.34	-24.14	-29.36	-24.63	-22.98	-20.38	-17.55	-16.84	-19.12	-20.71	-19.50	-19.65
180	-21.19	-21.19	-21.19	-21.19	-21.19	-21.19	-21.19	-21.19	-21.19	-21.19	-21.19	-21.19	-21.19	-21.19	-21.19	-21.19	-21.19	-21.19	-21.19	-21.19	-21.19	-21.19	-21.19	-21.19	-21.19

Polarity : Phi																									
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360
0	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96	13.96
15	8.39	9.60	10.25	10.43	9.82	8.39	7.99	9.35	10.07	10.27	9.21	7.52	8.10	9.82	10.33	10.02	8.69	7.22	7.75	9.17	9.92	10.38	10.54	9.79	8.39
30	5.34	4.26	4.64	4.88	4.79	4.86	4.11	3.77	4.63	5.60	5.06	4.40	4.95	6.19	7.75	8.59	7.30	4.35	2.98	4.22	5.50	6.55	6.87	7.03	5.34
45	-0.90	-1.88	-2.80	-1.30	-0.35	-1.27	-4.31	-5.72	-1.81	-0.59	-2.98	-2.59	-3.10	-1.30	1.85	3.09	3.31	-2.26	-2.55	0.29	2.39	1.14	-1.65	-3.12	-0.90
60	-3.23	-3.75	-6.37	-4.82	-4.12	-6.19	-3.83	-6.80	-8.07	-7.85	-8.18	-5.81	-6.54	-11.70	-9.22	-1.74	1.61	-2.22	-1.55	-2.38	-0.06	-3.27	-7.76	-3.49	-3.23
75	-3.90	-3.08	-6.90	-6.42	-5.90	-6.75	-5.06	-10.38	-9.67	-9.86	-6.88	-3.87	-4.14	-6.84	-8.86	-3.13	-2.47	-4.86	-6.38	-4.70	-3.61	-10.19	-8.36	-3.70	-3.90
90	-4.24	-4.39	-6.45	-9.18	-5.92	-8.36	-6.75	-10.71	-13.09	-12.73	-8.65	-4.99	-4.43	-5.66	-8.00	-8.56	-6.91	-8.88	-8.88	-10.04	-7.75	-15.75	-11.95	-6.17	-4.24
105	-6.72	-7.90	-8.91	-9.93	-8.28	-8.38	-6.36	-15.53	-14.25	-13.90	-9.64	-6.40	-8.27	-8.29	-11.00	-10.95	-11.19	-15.28	-10.03	-14.53	-13.34	-15.59	-15.67	-9.50	-6.72
120	-11.25	-9.34	-10.76	-12.45	-12.89	-11.57	-8.23	-12.55	-18.79	-17.09	-20.04	-9.66	-8.22	-12.45	-11.42	-15.07	-13.57	-18.89	-14.24	-17.20	-15.15	-15.88	-16.99	-11.28	-11.25
135	-15.77	-12.25	-16.85	-17.27	-14.51	-11.36	-11.66	-12.78	-18.62	-22.37	-19.58	-12.99	-14.29	-12.28	-17.80	-19.42	-16.44	-18.91	-14.22	-17.17	-14.54	-14.34	-15.69	-16.74	-15.77
150	-14.66	-17.14	-17.36	-16.44	-16.04	-17.39	-16.97	-13.98	-16.73	-18.65	-18.92	-22.50	-19.37	-19.87	-23.49	-20.94	-20.93	-17.94	-16.49	-19.84	-20.50	-18.87	-20.01	-19.26	-14.66
165	-20.57	-18.89	-20.58	-21.41	-20.71	-20.23	-19.52	-20.14	-22.46	-23.66	-20.66	-18.29	-24.36	-22.67	-20.50	-19.17	-18.13	-18.29	-23.13	-20.64	-21.26	-22.04	-20.40	-22.63	-20.57
180	-22.23	-22.23	-22.23	-22.23	-22.23	-22.23	-22.23	-22.23	-22.23	-22.23	-22.23	-22.23	-22.23	-22.23	-22.23	-22.23	-22.23	-22.23	-22.23	-22.23	-22.23	-22.23	-22.23	-22.23	-22.23

Directional Gain Result – Raw Data

Directional Gain@1SS (Correlate)

Frequency : 5200MHz

Polarity : Theta																													
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360				
0	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75	-3.75		
15	7.58	8.82	9.63	9.70	9.06	8.10	8.34	9.70	10.16	9.88	9.12	7.96	6.45	7.33	7.70	7.69	7.48	6.99	7.34	8.12	8.16	8.32	8.03	7.32	7.32	7.58	7.58		
30	1.21	3.46	5.14	5.25	4.59	3.27	2.85	3.38	4.77	5.28	4.80	3.71	2.56	2.80	3.76	3.57	1.91	2.87	3.34	3.39	2.32	0.16	-1.39	-1.27	1.21	1.21	1.21		
45	-2.80	0.08	0.92	0.82	-0.63	-1.16	-3.87	-3.53	-3.21	-1.93	-5.06	-4.80	-4.63	-5.14	-2.93	-5.00	-6.88	-3.10	-3.86	-3.85	-11.54	-16.09	-10.86	-3.61	-2.80	-2.80	-2.80		
60	-4.79	-7.79	-8.51	-6.10	-4.88	-6.62	-8.62	-6.85	-5.35	-6.34	-9.20	-8.89	-4.08	-4.54	-8.02	-12.99	-19.38	-12.25	-10.08	-8.48	-12.02	-21.80	-13.41	-5.24	-4.79	-4.79	-4.79		
75	-10.61	-15.21	-19.72	-13.91	-13.35	-13.56	-14.28	-8.81	-10.36	-10.80	-13.14	-15.49	-8.41	-7.01	-7.47	-20.83	-29.11	-14.15	-15.82	-19.59	-20.21	-24.16	-9.95	-8.21	-10.61	-10.61	-10.61		
90	-20.25	-14.84	-13.80	-17.39	-16.24	-14.92	-17.77	-13.22	-11.37	-12.33	-12.86	-12.04	-16.19	-14.95	-10.69	-12.21	-19.98	-10.87	-14.65	-15.55	-17.44	-22.61	-11.53	-11.58	-20.25	-20.25	-20.25		
105	-13.52	-14.90	-14.65	-19.01	-19.74	-21.26	-12.41	-16.14	-12.16	-13.47	-11.00	-13.93	-19.06	-15.60	-10.00	-12.68	-16.01	-14.01	-13.41	-12.58	-15.40	-13.46	-11.94	-15.56	-13.52	-13.52	-13.52		
120	-14.79	-14.98	-17.26	-20.99	-24.40	-22.40	-13.32	-17.71	-15.30	-16.23	-12.31	-13.85	-16.44	-14.86	-16.36	-11.41	-18.29	-14.86	-18.62	-16.55	-15.21	-18.77	-16.05	-19.80	-14.79	-14.79	-14.79		
135	-14.44	-18.39	-18.99	-28.57	-29.81	-18.14	-14.38	-17.22	-15.62	-17.80	-12.36	-14.41	-16.51	-22.45	-23.20	-26.54	-14.54	-20.73	-17.90	-17.83	-14.66	-35.49	-14.28	-13.98	-14.44	-14.44	-14.44		
150	-13.59	-21.56	-23.03	-28.33	-17.79	-16.88	-17.18	-24.45	-20.65	-21.21	-18.98	-17.67	-19.92	-16.10	-25.55	-30.96	-22.76	-21.11	-16.85	-15.38	-19.77	-20.01	-17.44	-15.45	-13.59	-13.59	-13.59		
165	-21.91	-19.00	-18.27	-20.28	-22.67	-23.51	-21.29	-20.06	-19.38	-20.77	-18.68	-17.68	-18.95	-21.22	-22.25	-27.51	-22.11	-22.02	-20.09	-16.52	-19.86	-23.17	-21.21	-18.53	-21.91	-21.91	-21.91		
180	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85	-20.85		

Polarity : Phi																													
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360				
0	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	14.02	
15	8.89	9.83	10.16	10.19	9.58	8.12	8.05	9.43	10.18	10.47	9.63	7.49	7.65	9.16	9.84	9.67	8.34	7.33	8.08	9.51	10.19	10.50	10.64	9.98	8.89	8.89	8.89	8.89	
30	5.11	4.43	4.52	4.73	4.90	4.76	3.44	2.98	4.09	5.45	5.32	4.21	4.02	5.32	7.22	8.19	6.92	4.03	3.39	4.55	5.88	6.52	6.78	6.80	5.11	5.11	5.11	5.11	
45	-0.96	-2.51	-3.47	-1.52	0.21	-1.73	-4.23	-5.57	-2.17	-0.48	-2.65	-3.20	-4.20	-2.90	1.06	3.46	3.94	-1.10	-1.81	-0.18	2.18	0.59	-2.59	-4.07	-0.96	-0.96	-0.96	-0.96	
60	-2.76	-4.28	-6.49	-4.99	-4.36	-6.71	-3.98	-7.30	-8.23	-7.85	-8.69	-5.85	-5.36	-10.90	-9.91	-1.53	2.12	-2.62	-2.10	-2.69	-0.45	-3.38	-8.37	-3.76	-2.76	-2.76	-2.76	-2.76	
75	-2.67	-3.22	-6.78	-6.40	-5.98	-7.27	-5.58	-11.50	-10.42	-10.08	-7.45	-3.82	-2.98	-5.59	-8.48	-2.20	-1.61	-4.43	-6.33	-4.70	-4.18	-9.82	-6.84	-3.36	-2.67	-2.67	-2.67	-2.67	
90	-4.81	-4.78	-6.90	-8.87	-6.10	-7.64	-6.68	-8.93	-12.91	-11.85	-8.09	-5.22	-4.26	-5.83	-6.91	-8.18	-5.52	-8.90	-8.38	-11.79	-7.73	-18.54	-11.06	-5.64	-4.81	-4.81	-4.81	-4.81	
105	-6.67	-7.75	-9.23	-8.95	-7.99	-8.92	-6.24	-14.39	-13.58	-11.86	-10.32	-6.11	-7.08	-8.16	-10.32	-10.76	-9.85	-16.37	-11.20	-14.06	-13.59	-17.29	-15.30	-8.82	-6.67	-6.67	-6.67	-6.67	
120	-11.20	-9.02	-9.53	-11.69	-12.00	-11.47	-8.16	-11.55	-19.94	-18.48	-17.57	-9.06	-8.10	-14.17	-11.34	-13.32	-12.01	-17.22	-13.53	-15.13	-15.68	-15.54	-19.27	-11.54	-11.20	-11.20	-11.20	-11.20	
135	-14.23	-11.19	-15.69	-15.48	-13.08	-12.66	-11.63	-12.73	-17.29	-25.40	-21.21	-12.58	-14.33	-12.11	-15.88	-17.74	-16.42	-17.83	-14.52	-15.57	-14.32	-13.71	-18.84	-16.74	-14.23	-14.23	-14.23	-14.23	
150	-15.82	-15.56	-14.67	-16.56	-16.41	-19.30	-18.63	-13.24	-17.48	-18.37	-18.22	-23.93	-21.60	-21.09	-25.39	-21.31	-20.14	-17.82	-15.80	-16.86	-18.90	-22.14	-21.63	-18.37	-15.82	-15.82	-15.82	-15.82	
165	-19.42	-17.43	-17.74	-19.46	-20.00	-20.66	-21.46	-21.38	-23.80	-23.47	-21.98	-17.70	-20.78	-21.74	-18.11	-19.00	-17.37	-17.48	-21.28	-20.53	-22.06	-22.22	-20.07	-20.59	-19.42	-19.42	-19.42	-19.42	
180	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	-23.17	

Directional Gain Result – Raw Data

Directional Gain@1SS (Correlate)

Frequency : 5250MHz

Polarity : Theta																										
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360	
0	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	
15	7.63	8.54	8.92	8.94	8.07	7.59	8.32	9.48	10.01	9.78	9.05	7.66	6.91	7.81	8.62	8.62	8.29	7.61	7.48	8.05	8.66	8.47	8.02	7.88	7.63	
30	2.36	3.71	5.69	5.61	4.64	4.27	4.78	4.78	4.54	4.48	3.67	2.71	1.48	1.29	2.90	1.69	-1.00	1.26	1.88	3.04	3.72	2.20	1.67	1.57	2.36	
45	-1.32	1.17	2.44	1.82	0.02	1.86	0.37	-1.68	-3.73	-2.91	-2.56	-4.60	-3.05	-3.83	-4.98	-12.67	-15.56	-5.76	-3.99	-1.74	-3.98	-10.51	-13.63	-3.26	-1.32	
60	-5.43	-6.33	-4.75	-3.25	-4.68	-3.47	-8.94	-6.25	-7.10	-8.54	-8.32	-11.05	-4.53	-2.87	-9.36	-13.78	-19.05	-12.79	-10.49	-5.95	-7.01	-20.93	-7.15	-2.99	-5.43	
75	-11.10	-17.03	-17.53	-14.43	-12.52	-13.88	-15.55	-10.24	-12.19	-13.23	-11.25	-13.15	-9.52	-7.06	-8.94	-12.50	-24.00	-18.72	-12.76	-12.09	-15.62	-15.91	-8.82	-7.38	-11.10	
90	-14.28	-13.65	-15.30	-22.85	-18.66	-17.45	-19.42	-16.35	-17.35	-17.47	-10.98	-8.90	-12.31	-14.02	-11.91	-14.61	-15.08	-12.70	-12.03	-12.63	-13.81	-14.17	-12.77	-11.03	-14.28	
105	-17.62	-15.04	-15.00	-17.99	-19.28	-13.21	-16.80	-11.77	-15.14	-14.34	-11.97	-10.47	-12.87	-16.14	-13.53	-12.13	-16.69	-12.21	-11.50	-14.05	-17.21	-14.50	-20.90	-16.54	-17.62	
120	-14.73	-20.20	-18.95	-18.00	-19.90	-13.17	-16.69	-14.99	-15.39	-16.22	-12.31	-10.31	-13.41	-18.72	-21.06	-11.76	-16.03	-15.88	-17.34	-16.98	-15.86	-15.29	-21.89	-19.14	-14.73	
135	-12.29	-20.89	-19.97	-18.20	-14.26	-15.67	-17.36	-17.40	-14.16	-14.08	-13.84	-13.67	-13.77	-20.13	-21.87	-22.64	-21.70	-18.80	-19.38	-15.56	-16.68	-14.38	-17.73	-16.99	-12.29	
150	-12.99	-19.43	-23.88	-17.59	-15.12	-14.97	-15.49	-16.70	-23.30	-18.50	-18.92	-15.65	-18.48	-13.61	-16.79	-24.13	-19.07	-18.64	-15.98	-21.69	-15.95	-17.30	-15.06	-15.08	-12.99	
165	-20.91	-17.88	-20.23	-23.18	-28.49	-31.73	-21.85	-17.73	-17.73	-15.82	-18.55	-18.39	-16.49	-19.69	-21.78	-20.08	-16.08	-17.33	-19.14	-17.64	-18.71	-21.94	-20.50	-24.05	-20.91	
180	-21.06	-21.06	-21.06	-21.06	-21.06	-21.06	-21.06	-21.06	-21.06	-21.06	-21.06	-21.06	-21.06	-21.06	-21.06	-21.06	-21.06	-21.06	-21.06	-21.06	-21.06	-21.06	-21.06	-21.06	-21.06	

Polarity : Phi																										
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360	
0	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.14	
15	8.21	9.48	10.30	10.15	9.33	6.78	6.90	8.79	9.80	9.82	9.04	8.29	8.55	9.61	10.09	9.99	9.56	8.34	8.23	9.50	10.53	10.40	10.44	9.72	8.21	
30	4.93	5.30	6.78	6.98	5.68	3.58	0.70	3.01	5.19	4.82	2.79	2.81	3.15	2.98	4.22	6.60	7.01	5.09	3.01	4.10	6.52	8.41	8.05	6.63	4.93	
45	-0.75	-0.08	1.48	-0.13	-1.43	-8.17	-16.64	-9.24	-1.89	-2.02	-4.60	-2.81	-4.31	-4.58	-3.96	0.40	3.35	-0.07	-6.87	-1.21	3.60	3.66	-0.12	-1.88	-0.75	
60	-3.46	-3.04	-3.54	-5.34	-2.85	-8.99	-6.98	-8.67	-3.71	-7.23	-9.92	-4.33	-2.17	-4.11	-8.68	-4.26	0.69	-0.69	-4.07	-9.70	0.55	-1.68	-6.16	-5.18	-3.46	
75	-2.92	-1.78	-3.65	-6.47	-3.76	-11.61	-5.43	-10.66	-6.46	-10.51	-7.85	-1.40	-1.28	-4.47	-9.19	-5.99	-2.44	-6.59	-10.72	-9.90	-4.33	-7.49	-8.06	-2.41	-2.92	
90	-6.76	-4.32	-4.62	-8.19	-6.58	-8.79	-5.67	-10.17	-10.75	-13.33	-11.83	-4.10	-4.16	-5.26	-8.75	-10.14	-8.26	-11.00	-10.83	-11.35	-10.51	-9.49	-11.68	-6.57	-6.76	
105	-8.17	-4.65	-7.31	-9.54	-8.48	-9.52	-8.05	-11.09	-13.00	-15.49	-9.76	-5.09	-5.69	-8.17	-10.42	-12.92	-9.58	-9.48	-10.13	-13.79	-10.76	-15.85	-14.11	-10.58	-8.17	
120	-9.50	-7.41	-8.74	-10.57	-10.47	-12.47	-11.21	-11.19	-22.20	-17.08	-16.68	-8.06	-9.63	-12.42	-12.50	-13.56	-11.94	-10.94	-12.33	-11.13	-16.05	-23.28	-16.11	-12.72	-9.50	
135	-14.81	-11.30	-11.94	-14.10	-14.56	-16.99	-13.70	-14.90	-19.38	-19.06	-14.65	-11.83	-14.09	-16.36	-20.26	-18.07	-15.67	-17.35	-15.01	-17.09	-22.41	-15.14	-18.13	-16.84	-14.81	
150	-12.76	-17.33	-16.45	-15.75	-20.93	-21.38	-17.50	-17.19	-19.45	-19.78	-15.98	-21.29	-17.61	-18.68	-21.44	-20.29	-24.56	-25.60	-22.66	-28.10	-24.47	-18.47	-18.15	-15.15	-12.76	
165	-20.30	-16.68	-17.91	-28.44	-26.39	-20.12	-21.20	-23.45	-20.94	-25.33	-20.57	-14.33	-15.89	-19.17	-17.51	-20.30	-23.41	-22.87	-21.75	-19.26	-19.49	-22.33	-20.51	-22.82	-20.30	
180	-20.65	-20.65	-20.65	-20.65	-20.65	-20.65	-20.65	-20.65	-20.65	-20.65	-20.65	-20.65	-20.65	-20.65	-20.65	-20.65	-20.65	-20.65	-20.65	-20.65	-20.65	-20.65	-20.65	-20.65	-20.65	

Directional Gain Result – Raw Data

Directional Gain@1SS (Correlate)

Frequency : 5300MHz

Polarity : Theta																												
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360			
0	8.69	8.69	8.69	8.69	8.69	8.69	8.69	8.69	8.69	8.69	8.69	8.69	8.69	8.69	8.69	8.69	8.69	8.69	8.69	8.69	8.69	8.69	8.69	8.69	8.69	8.69		
15	7.17	7.95	8.41	8.49	7.72	7.75	8.78	9.67	10.01	9.66	8.81	7.19	6.49	7.52	8.17	8.12	7.86	7.13	7.24	7.99	8.72	8.65	8.17	7.92	7.17	7.17		
30	2.26	3.65	5.31	4.97	4.18	4.33	4.80	4.93	4.52	4.06	2.84	1.85	1.26	1.42	2.61	1.37	-1.48	1.42	2.37	3.30	3.80	2.62	2.17	1.80	2.26	2.26		
45	-1.00	1.08	2.19	1.81	0.22	1.86	0.12	-1.52	-2.20	-2.69	-3.45	-4.76	-3.63	-3.60	-5.65	-9.55	-11.86	-6.18	-3.32	-1.82	-3.81	-8.30	-9.32	-2.60	-1.00	-1.00		
60	-5.63	-7.54	-5.75	-2.48	-3.88	-3.39	-8.31	-5.15	-6.01	-6.36	-9.37	-12.58	-5.29	-2.67	-8.49	-9.32	-13.24	-13.84	-8.96	-6.22	-7.06	-11.95	-6.37	-2.50	-5.63	-5.63		
75	-13.52	-17.00	-15.21	-11.91	-14.96	-13.67	-15.04	-11.21	-13.36	-10.78	-9.44	-12.21	-9.94	-7.53	-9.33	-9.85	-22.85	-18.27	-13.26	-12.11	-13.39	-12.94	-8.44	-7.39	-13.52	-13.52		
90	-15.31	-12.44	-11.86	-25.75	-19.88	-13.24	-19.35	-16.37	-15.53	-14.53	-9.44	-8.09	-10.78	-13.93	-14.42	-12.88	-13.39	-10.10	-10.89	-12.42	-14.82	-11.55	-13.27	-13.45	-15.31	-15.31		
105	-20.71	-13.43	-13.76	-16.95	-18.68	-10.35	-13.91	-12.75	-14.17	-12.56	-9.99	-9.15	-12.81	-14.22	-15.48	-11.96	-17.36	-11.16	-13.17	-14.04	-14.18	-16.75	-16.13	-17.42	-20.71	-20.71		
120	-14.18	-19.48	-18.61	-15.24	-16.08	-12.13	-19.04	-14.58	-15.73	-15.60	-11.85	-8.59	-12.90	-17.19	-21.40	-13.35	-16.50	-15.60	-17.07	-15.18	-14.30	-16.14	-17.80	-17.71	-14.18	-14.18		
135	-13.73	-20.35	-16.69	-16.79	-13.47	-13.74	-15.32	-18.90	-14.66	-14.52	-13.25	-12.64	-13.36	-19.74	-20.24	-20.12	-23.78	-18.71	-21.00	-13.96	-16.72	-16.77	-19.33	-17.21	-13.73	-13.73		
150	-13.19	-20.91	-23.04	-18.09	-15.91	-16.24	-17.24	-15.67	-22.72	-16.45	-17.02	-15.42	-19.18	-14.21	-17.17	-24.00	-19.80	-18.88	-16.75	-21.08	-15.34	-20.59	-15.65	-14.06	-13.19	-13.19		
165	-19.66	-17.68	-20.18	-22.35	-21.49	-25.70	-17.93	-17.12	-18.54	-15.44	-18.97	-18.78	-16.26	-19.07	-19.70	-17.25	-16.71	-18.84	-19.92	-17.30	-17.66	-18.89	-17.31	-21.37	-19.66	-19.66		
180	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80	-17.80		

Polarity : Phi																											
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360		
0	9.36	9.36	9.36	9.36	9.36	9.36	9.36	9.36	9.36	9.36	9.36	9.36	9.36	9.36	9.36	9.36	9.36	9.36	9.36	9.36	9.36	9.36	9.36	9.36	9.36		
15	8.58	10.12	10.88	10.61	9.80	7.60	7.15	8.40	9.50	9.53	8.76	8.20	8.72	9.76	10.24	10.17	9.59	8.25	7.79	9.07	10.15	9.82	10.03	9.44	8.58		
30	5.05	5.92	7.49	7.45	6.22	3.99	0.52	2.47	4.85	4.92	3.10	2.75	3.01	3.16	4.55	6.86	7.35	5.44	2.72	4.10	6.61	8.17	7.62	6.38	5.05		
45	-0.71	-0.67	1.25	0.35	-0.81	-7.41	-13.06	-10.56	-1.43	-2.59	-5.06	-3.04	-4.61	-4.99	-3.96	0.77	2.97	0.60	-8.03	-1.43	3.41	3.08	-0.79	-2.56	-0.71		
60	-3.11	-4.14	-4.75	-5.46	-2.15	-7.60	-6.59	-9.10	-3.29	-7.30	-10.15	-4.81	-2.11	-3.81	-8.35	-4.23	0.17	-0.62	-4.33	-9.61	0.65	-1.43	-6.82	-5.39	-3.11		
75	-1.94	-1.60	-4.80	-7.37	-4.35	-10.53	-4.72	-10.45	-5.96	-8.80	-8.87	-2.70	-1.86	-3.83	-9.24	-7.75	-3.50	-6.13	-10.04	-9.86	-3.86	-6.48	-6.61	-2.37	-1.94		
90	-5.84	-3.13	-4.86	-8.70	-5.71	-9.22	-6.20	-11.54	-9.80	-11.26	-10.78	-4.27	-3.21	-4.22	-8.02	-10.88	-8.91	-11.66	-10.67	-14.08	-8.84	-7.91	-13.35	-6.06	-5.84		
105	-8.91	-3.81	-7.46	-9.53	-7.72	-9.37	-7.63	-12.52	-13.85	-14.46	-10.33	-5.31	-6.36	-7.87	-10.19	-12.48	-11.67	-9.57	-11.91	-12.20	-10.46	-13.66	-13.32	-11.01	-8.91		
120	-11.01	-6.86	-9.47	-11.30	-11.89	-12.44	-10.54	-9.25	-23.70	-14.91	-14.65	-8.82	-9.12	-12.54	-11.32	-11.85	-12.08	-10.24	-11.75	-10.95	-15.02	-19.35	-13.53	-13.28	-11.01		
135	-12.52	-9.83	-13.78	-13.86	-15.57	-16.63	-13.86	-14.32	-20.92	-22.94	-14.11	-11.51	-13.58	-14.85	-16.89	-17.59	-15.27	-16.16	-15.18	-15.89	-20.96	-14.97	-19.74	-17.68	-12.52		
150	-9.71	-13.92	-19.35	-18.16	-21.93	-20.04	-17.92	-16.64	-16.22	-19.75	-16.41	-20.81	-15.76	-18.36	-21.67	-22.44	-24.43	-24.57	-21.37	-23.66	-26.83	-16.79	-16.96	-14.10	-9.71		
165	-16.33	-16.43	-18.65	-24.47	-25.29	-22.19	-23.98	-24.57	-19.58	-21.68	-25.15	-15.03	-15.17	-19.39	-17.11	-17.83	-21.79	-20.63	-21.67	-20.85	-19.07	-20.12	-20.26	-22.74	-16.33		
180	-23.36	-23.36	-23.36	-23.36	-23.36	-23.36	-23.36	-23.36	-23.36	-23.36	-23.36	-23.36	-23.36	-23.36	-23.36	-23.36	-23.36	-23.36	-23.36	-23.36	-23.36	-23.36	-23.36	-23.36	-23.36		

Directional Gain Result – Raw Data

Directional Gain@1SS (Correlate)

Frequency : 5350MHz

Polarity : Theta																									
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360
0	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19
15	6.69	7.70	8.17	8.22	7.48	7.82	8.77	9.71	10.11	9.70	8.82	7.31	6.24	7.00	7.66	7.76	7.56	6.99	7.17	7.96	8.71	8.73	8.34	7.79	6.69
30	2.19	3.27	4.53	4.23	3.89	4.02	4.87	5.45	5.13	4.19	1.98	0.64	0.62	1.23	1.95	0.88	-1.92	1.12	2.61	3.79	3.94	2.36	1.96	1.66	2.19
45	-1.07	0.42	1.77	2.00	1.18	2.18	-0.30	-1.16	-1.02	-2.55	-5.28	-6.43	-5.01	-4.63	-5.75	-6.10	-8.79	-7.12	-4.02	-2.57	-4.21	-8.36	-5.65	-1.77	-1.07
60	-6.30	-8.22	-7.46	-2.05	-2.40	-2.80	-7.71	-4.67	-5.27	-5.08	-10.68	-14.58	-6.31	-2.96	-7.82	-6.32	-8.83	-15.73	-6.78	-6.38	-5.74	-8.38	-5.45	-2.76	-6.30
75	-21.05	-16.29	-11.48	-9.43	-16.34	-12.39	-12.57	-10.53	-15.13	-10.29	-8.80	-10.54	-9.49	-9.18	-10.83	-8.18	-15.93	-20.38	-11.32	-10.88	-9.07	-9.84	-8.66	-8.93	-21.05
90	-15.85	-11.68	-9.04	-19.93	-19.86	-9.52	-12.67	-15.32	-14.42	-12.95	-8.60	-6.87	-12.06	-13.75	-16.52	-11.25	-12.01	-8.91	-10.10	-11.14	-12.53	-10.65	-15.27	-15.52	-15.85
105	-21.78	-10.80	-12.76	-19.26	-18.02	-8.87	-14.80	-13.29	-14.98	-11.70	-8.76	-6.93	-14.01	-14.05	-14.62	-12.33	-16.09	-11.08	-14.16	-12.53	-11.59	-15.96	-15.00	-15.57	-21.78
120	-15.45	-18.59	-15.72	-16.70	-17.15	-9.12	-13.42	-13.37	-16.16	-13.29	-10.87	-8.11	-13.53	-18.09	-19.46	-15.42	-17.95	-14.51	-18.93	-15.05	-15.13	-17.20	-19.01	-20.13	-15.45
135	-15.74	-17.32	-19.16	-18.41	-13.05	-13.94	-15.36	-18.65	-15.19	-14.48	-13.09	-11.12	-13.69	-17.33	-21.67	-22.79	-24.89	-19.25	-19.09	-13.96	-15.48	-17.41	-20.03	-17.96	-15.74
150	-12.62	-18.97	-24.09	-16.87	-15.12	-15.54	-14.56	-13.33	-18.22	-15.28	-15.19	-14.29	-18.00	-14.66	-15.00	-20.02	-21.71	-18.86	-18.37	-20.52	-16.90	-18.12	-17.23	-11.96	-12.62
165	-20.10	-17.68	-18.49	-18.23	-20.35	-20.40	-17.50	-17.07	-18.23	-16.12	-17.96	-17.78	-16.29	-21.93	-19.22	-16.25	-16.22	-18.35	-19.32	-16.34	-17.13	-17.41	-17.74	-21.60	-20.10
180	-17.99	-17.99	-17.99	-17.99	-17.99	-17.99	-17.99	-17.99	-17.99	-17.99	-17.99	-17.99	-17.99	-17.99	-17.99	-17.99	-17.99	-17.99	-17.99	-17.99	-17.99	-17.99	-17.99	-17.99	-17.99

Polarity : Phi																									
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360
0	8.35	8.35	8.35	8.35	8.35	8.35	8.35	8.35	8.35	8.35	8.35	8.35	8.35	8.35	8.35	8.35	8.35	8.35	8.35	8.35	8.35	8.35	8.35	8.35	8.35
15	8.98	10.42	11.00	10.71	10.07	8.02	6.86	7.83	8.90	8.96	8.11	7.60	8.36	9.63	10.22	10.17	9.66	8.18	7.49	8.84	9.96	9.86	9.79	9.30	8.98
30	5.45	6.58	7.89	7.47	6.22	4.04	0.48	1.40	4.24	4.56	3.28	1.94	2.37	3.13	4.73	6.82	7.48	5.71	2.35	4.08	6.29	7.70	7.18	6.49	5.45
45	-0.63	-0.97	0.85	1.06	0.75	-6.61	-10.45	-9.87	-0.97	-2.45	-6.68	-5.32	-5.38	-4.44	-3.98	0.16	2.48	0.36	-8.10	-1.03	2.78	2.25	-2.16	-2.59	-0.63
60	-2.60	-5.60	-6.22	-5.01	-1.86	-6.66	-6.58	-10.55	-3.89	-7.81	-11.33	-5.39	-1.92	-4.87	-7.61	-4.54	-0.91	-0.75	-5.76	-9.73	-0.17	-1.88	-7.02	-5.58	-2.60
75	-1.50	-2.43	-5.26	-6.61	-5.35	-9.00	-5.71	-11.13	-5.57	-8.60	-11.25	-3.74	-1.89	-3.71	-8.80	-9.35	-4.67	-6.59	-10.44	-8.95	-4.48	-5.26	-5.11	-2.33	-1.50
90	-4.67	-3.61	-4.93	-8.46	-5.83	-8.80	-5.76	-11.05	-9.19	-10.27	-10.26	-5.79	-4.04	-4.25	-8.08	-11.66	-9.69	-10.92	-8.80	-16.85	-8.69	-7.46	-11.99	-5.36	-4.67
105	-9.40	-5.41	-8.58	-10.87	-7.36	-8.42	-7.33	-11.14	-11.88	-13.79	-10.73	-6.06	-6.34	-6.63	-9.62	-12.85	-11.61	-10.78	-14.50	-13.76	-9.78	-15.73	-10.55	-11.68	-9.40
120	-9.27	-6.73	-11.03	-11.10	-12.48	-13.10	-11.84	-9.66	-21.64	-15.60	-20.31	-9.73	-9.15	-10.44	-10.32	-12.34	-11.15	-11.29	-11.44	-12.47	-14.35	-20.33	-13.05	-14.53	-9.27
135	-12.43	-11.32	-15.42	-14.84	-18.96	-16.47	-13.29	-14.12	-18.49	-17.75	-13.14	-11.08	-14.51	-16.82	-16.46	-14.79	-17.77	-18.23	-15.36	-15.41	-17.76	-13.46	-17.90	-18.24	-12.43
150	-10.36	-13.63	-16.95	-20.44	-23.43	-21.52	-15.68	-17.35	-18.19	-20.39	-16.30	-17.30	-16.03	-19.85	-27.34	-20.42	-21.52	-20.52	-18.17	-21.46	-22.85	-16.33	-18.12	-17.07	-10.36
165	-15.76	-15.98	-18.76	-26.19	-24.53	-20.75	-24.06	-20.05	-15.21	-17.50	-22.56	-16.36	-15.48	-20.42	-17.92	-15.81	-18.14	-22.58	-23.83	-19.24	-18.51	-17.47	-18.33	-19.08	-15.76
180	-17.53	-17.53	-17.53	-17.53	-17.53	-17.53	-17.53	-17.53	-17.53	-17.53	-17.53	-17.53	-17.53	-17.53	-17.53	-17.53	-17.53	-17.53	-17.53	-17.53	-17.53	-17.53	-17.53	-17.53	-17.53

Directional Gain Result – Raw Data

Directional Gain@1SS (Correlate)

Frequency : 5470MHz

Polarity : Theta																									
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360
0	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41
15	7.33	8.28	8.88	9.20	8.75	8.55	8.74	9.50	10.06	9.83	9.11	8.01	7.20	7.95	8.68	8.77	8.70	8.08	7.83	8.49	9.44	9.47	8.92	8.46	7.33
30	1.96	2.69	5.03	5.53	5.66	5.24	5.20	5.23	5.44	5.34	4.02	2.21	-0.15	0.35	1.80	1.42	-0.16	2.05	2.87	4.05	3.47	2.12	2.66	1.79	1.96
45	-1.00	-1.18	1.09	1.68	1.67	2.20	-0.16	-0.73	-1.39	-2.71	-6.47	-11.53	-7.71	-4.59	-3.50	-7.54	-5.60	-3.56	-2.33	-1.17	-4.38	-9.34	-4.12	-1.02	-1.00
60	-3.68	-7.56	-8.28	-6.40	-5.00	-3.65	-7.37	-8.89	-9.40	-9.07	-12.33	-21.06	-10.57	-4.36	-3.48	-6.47	-7.26	-9.26	-7.45	-5.96	-4.73	-6.12	-4.22	-1.25	-3.68
75	-12.28	-10.78	-7.78	-12.42	-19.79	-10.69	-10.05	-17.49	-11.92	-13.32	-11.70	-10.96	-10.98	-12.50	-6.93	-6.91	-8.84	-15.85	-9.05	-5.77	-7.38	-9.85	-10.01	-6.80	-12.28
90	-14.25	-9.31	-7.55	-12.36	-14.05	-10.88	-7.62	-17.21	-15.17	-12.18	-10.95	-8.34	-7.69	-12.66	-12.59	-7.74	-12.88	-9.38	-10.41	-6.78	-9.92	-14.75	-14.92	-15.33	-14.25
105	-11.75	-8.88	-11.26	-13.37	-14.69	-9.21	-10.18	-18.37	-17.69	-16.92	-10.24	-7.42	-8.89	-12.36	-14.19	-9.17	-11.79	-12.79	-13.14	-9.41	-10.28	-17.88	-13.92	-15.06	-11.75
120	-18.54	-15.48	-14.10	-17.28	-15.78	-11.31	-11.25	-16.36	-22.20	-15.87	-13.59	-9.20	-11.40	-14.94	-22.38	-13.84	-15.99	-13.84	-19.40	-12.94	-14.57	-15.46	-12.62	-14.57	-18.54
135	-12.63	-13.01	-19.67	-14.06	-15.18	-16.59	-12.19	-16.65	-20.81	-15.87	-15.07	-10.62	-11.91	-16.65	-22.66	-21.66	-19.04	-18.24	-17.43	-12.69	-12.84	-22.14	-21.85	-17.00	-12.63
150	-16.90	-17.24	-16.93	-17.14	-22.06	-15.43	-14.93	-15.75	-21.30	-20.29	-18.27	-19.83	-18.20	-15.52	-19.01	-22.32	-27.48	-14.73	-14.94	-15.32	-20.87	-16.30	-15.82	-15.28	-16.90
165	-20.77	-16.15	-14.45	-14.12	-16.00	-20.22	-17.75	-16.91	-24.13	-22.58	-21.45	-19.28	-14.14	-16.67	-19.26	-17.10	-16.54	-18.82	-21.98	-18.10	-18.97	-17.35	-16.53	-21.56	-20.77
180	-17.04	-17.04	-17.04	-17.04	-17.04	-17.04	-17.04	-17.04	-17.04	-17.04	-17.04	-17.04	-17.04	-17.04	-17.04	-17.04	-17.04	-17.04	-17.04	-17.04	-17.04	-17.04	-17.04	-17.04	-17.04

Polarity : Phi																									
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360
0	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41
15	9.34	10.38	10.64	10.22	9.28	7.30	6.03	7.10	8.34	8.68	8.28	7.38	7.41	8.73	9.51	9.55	8.98	7.23	7.06	8.65	9.59	9.52	9.22	8.99	9.34
30	5.06	6.84	7.78	7.29	6.01	3.17	-0.96	0.02	2.86	3.86	3.46	1.22	0.64	1.68	4.09	6.59	6.69	4.21	3.38	4.07	5.40	6.76	6.72	6.01	5.06
45	-2.19	-1.36	1.31	1.63	1.00	-7.32	-10.63	-7.48	-0.17	0.09	-3.83	-12.20	-6.11	-2.94	-4.21	-1.23	1.28	-1.50	-4.81	-0.59	-0.10	-0.03	-2.91	-2.77	-2.19
60	-2.12	-5.54	-8.92	-5.58	-4.89	-9.36	-7.46	-13.26	-7.53	-5.09	-16.45	-6.20	-1.84	-2.98	-5.70	-5.64	-1.90	-1.93	-4.14	-5.96	-2.24	-5.56	-6.95	-3.06	-2.12
75	-2.09	-5.11	-9.24	-5.82	-8.16	-9.39	-7.01	-14.41	-8.53	-7.59	-16.27	-3.48	-2.24	-3.79	-7.81	-8.31	-4.70	-4.84	-9.37	-8.52	-6.58	-12.05	-4.31	-2.28	-2.09
90	-4.02	-5.65	-7.90	-10.64	-7.80	-9.04	-8.22	-12.85	-11.17	-6.88	-9.80	-6.31	-4.40	-5.25	-8.19	-15.32	-8.81	-7.09	-11.66	-17.74	-10.43	-11.37	-7.93	-4.93	-4.02
105	-8.71	-6.68	-9.91	-9.79	-8.18	-12.01	-10.41	-14.06	-12.53	-9.44	-9.95	-6.08	-7.49	-7.97	-10.40	-19.00	-13.28	-8.41	-11.26	-13.22	-11.19	-14.09	-10.69	-9.83	-8.71
120	-10.95	-7.94	-12.79	-12.97	-11.88	-14.02	-14.58	-12.72	-23.45	-13.31	-13.45	-8.74	-8.34	-15.97	-13.08	-15.44	-14.22	-14.60	-10.60	-12.14	-17.79	-15.39	-13.30	-13.23	-10.95
135	-10.68	-12.12	-19.12	-11.86	-16.59	-20.77	-13.72	-15.10	-21.64	-26.10	-15.39	-11.18	-10.96	-14.97	-23.19	-15.74	-19.18	-21.30	-16.64	-19.86	-17.20	-12.86	-15.99	-19.52	-10.68
150	-11.16	-13.07	-15.46	-18.24	-26.12	-24.12	-18.28	-15.99	-17.81	-27.02	-18.25	-17.68	-16.12	-19.58	-21.30	-19.33	-21.10	-22.59	-17.76	-21.96	-21.12	-15.48	-18.63	-18.11	-11.16
165	-17.94	-15.23	-17.09	-24.01	-25.06	-19.20	-18.93	-18.44	-16.35	-15.78	-16.95	-18.91	-19.11	-19.47	-17.43	-19.43	-21.20	-23.34	-29.81	-24.42	-18.44	-18.09	-16.39	-20.26	-17.94
180	-20.96	-20.96	-20.96	-20.96	-20.96	-20.96	-20.96	-20.96	-20.96	-20.96	-20.96	-20.96	-20.96	-20.96	-20.96	-20.96	-20.96	-20.96	-20.96	-20.96	-20.96	-20.96	-20.96	-20.96	-20.96

Directional Gain Result – Raw Data

Directional Gain@1SS (Correlate)

Frequency : 5600MHz

Polarity : Theta																									
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360
0	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21	8.21
15	7.17	8.15	8.65	9.14	8.89	8.22	7.44	8.30	9.10	8.86	7.92	6.87	7.55	9.22	10.11	10.20	9.84	8.84	7.62	7.94	9.22	9.37	9.08	8.74	7.17
30	2.22	3.75	5.44	5.83	5.72	5.08	4.69	4.58	4.09	4.33	3.76	2.61	1.01	1.39	2.91	2.91	2.28	3.70	3.09	4.06	3.75	3.59	3.29	2.12	2.22
45	-0.54	-0.46	1.17	1.92	1.59	2.40	1.97	1.36	-1.83	-6.59	-6.34	-8.50	-6.51	-4.46	-4.55	-8.35	-4.20	-2.62	-1.36	0.11	-2.57	-7.07	-6.64	-2.21	-0.54
60	-4.28	-9.18	-8.44	-5.47	-5.85	-2.94	-5.99	-8.36	-13.25	-13.21	-12.50	-10.84	-4.72	-2.61	-6.53	-7.61	-9.75	-7.60	-2.92	-3.22	-6.44	-3.78	-2.85	-4.28	
75	-10.00	-11.02	-10.27	-16.16	-18.06	-15.66	-10.65	-16.72	-11.61	-13.13	-13.30	-11.84	-11.64	-13.59	-8.39	-7.20	-8.18	-11.13	-5.59	-5.89	-9.24	-10.13	-11.30	-7.88	-10.00
90	-24.35	-8.43	-9.60	-15.02	-11.23	-13.23	-9.64	-14.06	-13.71	-11.73	-14.55	-11.69	-7.35	-10.23	-11.12	-7.41	-12.58	-9.83	-9.86	-6.97	-12.74	-15.25	-10.56	-9.39	-24.35
105	-11.75	-9.02	-11.24	-14.84	-11.88	-13.05	-11.08	-16.26	-15.07	-16.64	-11.20	-9.07	-7.67	-10.31	-14.36	-8.59	-12.52	-16.01	-9.74	-9.68	-15.08	-14.90	-14.92	-13.02	-11.75
120	-17.93	-15.14	-14.12	-17.19	-12.08	-12.06	-13.13	-16.19	-18.80	-15.55	-13.71	-13.32	-9.40	-12.16	-16.71	-15.54	-14.94	-14.96	-14.57	-10.52	-13.51	-18.66	-10.31	-16.47	-17.93
135	-15.24	-12.90	-21.55	-10.70	-12.37	-20.10	-13.16	-14.64	-19.21	-16.48	-15.06	-12.74	-10.95	-14.30	-17.96	-19.25	-17.86	-19.10	-16.08	-14.28	-15.71	-18.72	-17.28	-22.44	-15.24
150	-20.30	-21.91	-15.91	-19.15	-18.00	-14.60	-14.21	-15.24	-19.52	-23.10	-21.05	-23.28	-18.16	-15.82	-14.95	-17.80	-26.64	-16.97	-13.70	-16.46	-18.43	-14.86	-14.82	-13.54	-20.30
165	-21.80	-17.58	-17.84	-18.55	-18.53	-22.24	-19.42	-18.39	-20.96	-21.29	-21.10	-20.26	-16.19	-16.68	-17.71	-20.98	-23.84	-24.13	-27.07	-26.01	-20.87	-16.78	-16.22	-23.08	-21.80
180	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01	-20.01

Polarity : Phi																									
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360
0	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.87
15	9.48	10.49	10.79	10.53	9.80	8.14	6.74	7.95	9.21	9.54	9.22	8.59	8.14	8.79	9.48	9.53	9.10	7.45	8.06	9.94	10.72	10.59	10.18	9.67	9.48
30	5.43	6.74	8.07	7.82	6.53	3.02	-1.09	1.08	4.12	5.08	5.07	3.55	2.58	2.13	3.86	6.55	6.62	4.08	4.04	5.35	7.24	7.76	7.34	6.27	5.43
45	-6.37	-2.13	1.34	1.74	1.13	-9.42	-12.19	-5.68	0.28	1.23	-1.90	-6.06	-2.87	-0.50	-2.60	-0.88	0.54	-0.54	-3.69	0.04	0.02	-0.51	-3.40	-1.98	-6.37
60	-2.83	-8.11	-9.15	-7.32	-3.74	-9.34	-4.45	-7.69	-6.01	-4.39	-14.27	-5.18	-0.58	0.80	-2.48	-3.93	-3.42	-3.35	-2.37	-4.03	-2.93	-6.64	-5.52	-1.46	-2.83
75	-2.45	-6.51	-12.38	-5.73	-6.34	-9.11	-5.60	-11.46	-12.91	-8.58	-12.91	-2.13	-0.33	-1.77	-5.55	-6.58	-5.38	-4.36	-9.35	-10.76	-5.34	-9.04	-2.76	-1.35	-2.45
90	-3.19	-5.44	-9.39	-9.35	-6.60	-10.42	-9.07	-10.01	-10.19	-7.34	-12.34	-5.16	-2.03	-3.24	-6.54	-14.10	-8.86	-5.95	-8.60	-17.09	-10.66	-11.38	-6.43	-2.51	-3.19
105	-6.50	-7.58	-12.74	-9.39	-8.27	-10.20	-10.44	-10.61	-11.91	-8.51	-11.56	-6.58	-5.75	-5.37	-9.86	-18.34	-13.44	-6.68	-9.48	-10.56	-12.62	-10.73	-8.25	-7.14	-6.50
120	-8.19	-7.69	-13.73	-11.45	-11.80	-12.27	-13.74	-10.44	-17.97	-11.90	-18.19	-8.10	-7.03	-10.74	-11.76	-13.19	-13.98	-11.94	-10.55	-11.49	-21.33	-13.80	-12.68	-12.68	-8.19
135	-13.01	-11.37	-14.98	-12.81	-16.22	-17.26	-10.66	-12.28	-22.98	-16.68	-19.98	-10.46	-9.55	-16.16	-18.15	-17.87	-20.56	-14.98	-13.05	-19.58	-19.22	-11.25	-14.71	-14.06	-13.01
150	-10.76	-12.66	-13.75	-17.20	-20.71	-20.92	-15.54	-15.37	-13.09	-19.93	-19.11	-15.95	-15.78	-20.23	-20.77	-23.18	-21.07	-23.60	-15.07	-18.07	-19.22	-18.14	-21.22	-19.89	-10.76
165	-13.08	-15.54	-18.30	-21.34	-21.27	-18.49	-16.75	-15.68	-18.48	-16.62	-16.14	-17.63	-17.67	-18.84	-14.40	-15.28	-18.83	-23.68	-24.08	-23.04	-22.40	-20.67	-21.10	-22.68	-13.08
180	-23.69	-23.69	-23.69	-23.69	-23.69	-23.69	-23.69	-23.69	-23.69	-23.69	-23.69	-23.69	-23.69	-23.69	-23.69	-23.69	-23.69	-23.69	-23.69	-23.69	-23.69	-23.69	-23.69	-23.69	-23.69

Directional Gain Result – Raw Data

Directional Gain@1SS (Correlate)

Frequency : 5725MHz

Polarity : Theta																										
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360	
0	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	
15	8.43	9.14	9.62	9.96	9.35	8.22	8.04	9.07	9.69	9.43	8.30	6.79	7.66	9.57	10.88	11.06	10.56	9.38	8.23	9.02	10.43	10.69	10.43	9.89	8.43	
30	3.96	4.95	5.93	6.50	6.03	5.12	5.47	5.50	4.69	3.76	2.23	0.62	0.26	0.88	2.94	3.38	3.14	4.85	3.35	4.12	4.84	5.47	4.15	2.93	3.96	
45	-0.67	-0.57	-0.80	1.54	0.19	2.08	2.85	1.59	-1.04	-4.00	-6.02	-9.16	-6.82	-3.65	-3.98	-9.78	-2.95	-1.95	-1.25	1.89	-0.95	-7.79	-6.21	-1.15	-0.67	
60	-8.32	-17.91	-11.24	-7.70	-7.76	-3.04	-5.13	-6.37	-9.21	-10.33	-10.57	-8.43	-12.60	-5.74	-3.15	-6.32	-6.57	-6.42	-7.57	0.15	-1.13	-4.83	-3.48	-4.86	-8.32	
75	-14.18	-10.14	-10.38	-13.48	-9.90	-16.26	-11.10	-17.94	-14.23	-9.84	-9.03	-9.22	-10.95	-18.94	-8.98	-8.39	-9.20	-8.05	-4.50	-4.43	-10.18	-9.86	-11.17	-12.10	-14.18	
90	-15.22	-11.19	-11.85	-13.32	-9.09	-11.28	-9.46	-11.46	-14.43	-10.15	-13.21	-13.15	-7.42	-8.31	-7.79	-8.49	-10.52	-10.20	-9.88	-9.23	-15.55	-13.36	-8.58	-9.43	-15.22	
105	-16.23	-12.92	-14.90	-12.80	-10.23	-10.69	-10.04	-11.74	-16.26	-12.62	-13.10	-11.62	-7.84	-8.78	-10.69	-9.43	-11.66	-16.65	-9.26	-10.71	-15.51	-10.59	-11.50	-9.63	-16.23	
120	-24.57	-15.69	-17.78	-18.68	-9.65	-11.85	-12.39	-12.21	-17.18	-13.22	-12.81	-15.82	-10.76	-11.91	-11.68	-13.45	-11.43	-14.62	-16.38	-12.20	-18.24	-15.01	-9.51	-14.43	-24.57	
135	-19.40	-23.04	-19.12	-11.73	-12.37	-16.47	-13.95	-16.52	-16.94	-17.22	-15.28	-18.03	-10.03	-10.42	-13.08	-17.63	-18.14	-16.40	-13.96	-14.66	-15.89	-15.75	-15.21	-20.46	-19.40	
150	-16.64	-21.40	-16.85	-17.97	-15.46	-16.19	-17.33	-19.49	-21.26	-21.72	-17.71	-21.06	-15.82	-15.62	-16.41	-17.81	-22.67	-20.33	-20.30	-15.31	-14.39	-17.55	-17.08	-9.85	-16.64	
165	-19.14	-22.26	-24.53	-24.02	-20.10	-19.27	-21.32	-17.75	-19.05	-20.97	-23.44	-23.46	-17.50	-16.00	-17.67	-23.47	-27.85	-23.82	-25.83	-23.54	-18.76	-15.39	-17.16	-28.65	-19.14	
180	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00	-20.00	

Polarity : Phi																											
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360		
0	8.70	8.70	8.70	8.70	8.70	8.70	8.70	8.70	8.70	8.70	8.70	8.70	8.70	8.70	8.70	8.70	8.70	8.70	8.70	8.70	8.70	8.70	8.70	8.70	8.70		
15	9.30	10.58	10.99	10.82	10.10	8.30	7.49	8.34	9.46	9.63	9.24	8.89	8.79	9.26	9.52	9.56	9.26	8.62	9.45	10.64	11.19	11.06	10.50	9.55	9.30		
30	4.65	6.55	8.13	7.60	5.89	2.13	-1.04	1.52	4.78	5.30	4.97	3.99	3.23	1.95	2.67	5.97	6.72	4.05	4.17	6.37	8.02	7.76	7.07	6.11	4.65		
45	-5.05	-1.32	0.13	0.86	-0.82	-9.76	-10.06	-4.50	0.49	0.60	-3.12	-7.24	-2.15	-0.69	-3.87	-1.51	0.25	-0.46	-0.77	1.43	0.37	-1.13	-3.29	-1.00	-5.05		
60	-2.98	-7.79	-7.48	-3.70	-4.05	-9.92	-2.01	-6.84	-5.12	-4.10	-10.59	-4.34	0.16	1.23	-0.79	-5.34	-4.55	-5.09	-0.75	-2.99	-4.92	-8.06	-5.71	-0.74	-2.98		
75	-1.76	-4.30	-7.06	-5.09	-6.53	-9.65	-3.95	-10.22	-9.56	-8.04	-11.85	-1.62	0.14	-0.99	-3.59	-10.99	-10.69	-5.09	-6.08	-13.31	-5.79	-6.73	-2.31	-1.35	-1.76		
90	-3.09	-4.55	-7.66	-6.04	-6.48	-8.86	-5.45	-7.64	-12.44	-6.92	-19.43	-4.82	-2.90	-2.06	-5.07	-15.54	-10.94	-6.84	-7.95	-10.00	-10.17	-10.85	-4.68	-1.94	-3.09		
105	-6.35	-6.15	-12.94	-8.26	-8.84	-9.52	-9.12	-10.07	-11.76	-6.91	-17.79	-6.76	-6.78	-5.62	-8.72	-17.55	-13.22	-5.90	-11.17	-12.82	-11.14	-11.24	-6.46	-6.40	-6.35		
120	-7.27	-7.23	-12.94	-12.11	-12.49	-12.21	-11.74	-9.33	-17.22	-9.94	-17.16	-9.79	-10.46	-10.73	-8.08	-13.41	-16.56	-12.13	-10.56	-9.24	-17.01	-15.89	-10.16	-10.34	-7.27		
135	-8.31	-12.14	-19.37	-12.81	-15.55	-16.17	-10.96	-10.53	-12.84	-12.56	-17.62	-9.72	-10.86	-12.11	-13.11	-19.95	-25.73	-18.79	-17.59	-19.95	-17.11	-14.55	-10.78	-11.47	-8.31		
150	-11.58	-13.47	-15.21	-16.39	-18.18	-18.87	-12.83	-12.85	-16.12	-23.88	-15.52	-17.59	-16.33	-17.45	-21.46	-16.67	-17.45	-18.70	-14.57	-20.21	-16.88	-19.03	-16.89	-19.35	-11.58		
165	-11.82	-15.40	-16.41	-19.15	-23.13	-19.91	-15.57	-13.59	-15.24	-18.31	-19.97	-20.98	-24.97	-22.32	-19.24	-17.04	-20.17	-22.64	-19.36	-20.94	-22.16	-26.40	-18.52	-19.37	-11.82		
180	-21.38	-21.38	-21.38	-21.38	-21.38	-21.38	-21.38	-21.38	-21.38	-21.38	-21.38	-21.38	-21.38	-21.38	-21.38	-21.38	-21.38	-21.38	-21.38	-21.38	-21.38	-21.38	-21.38	-21.38	-21.38		

Directional Gain Result – Raw Data

Directional Gain@1SS (Correlate)

Frequency : 5785MHz

Polarity : Theta																									
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360
0	12.19	12.19	12.19	12.19	12.19	12.19	12.19	12.19	12.19	12.19	12.19	12.19	12.19	12.19	12.19	12.19	12.19	12.19	12.19	12.19	12.19	12.19	12.19	12.19	12.19
15	8.53	9.27	9.75	9.42	8.51	6.96	8.30	9.72	10.07	9.62	8.71	7.98	8.32	9.36	9.96	10.21	10.09	8.84	7.00	7.19	8.06	8.61	8.76	8.26	8.53
30	4.09	4.81	5.09	4.48	4.10	3.80	4.61	5.42	5.36	5.01	4.68	3.77	2.88	3.16	3.85	3.35	3.87	3.33	1.97	3.95	3.34	3.17	2.77	3.57	4.09
45	0.81	-2.08	-3.39	-2.60	-2.20	-3.89	-1.33	1.96	-0.06	-0.83	0.28	-3.19	-7.25	-4.19	-6.48	-6.53	-1.51	-3.89	-5.46	0.92	-3.08	-10.91	-2.67	0.45	0.81
60	-3.05	-7.07	-6.00	-9.83	-9.36	-10.96	-8.07	-3.51	-9.43	-11.14	-10.89	-12.02	-13.71	-4.33	-4.33	-5.91	-8.48	-10.00	-6.64	0.62	-2.18	-3.04	-3.75	-4.15	-3.05
75	-12.13	-13.41	-9.63	-8.92	-11.90	-14.24	-12.46	-9.09	-10.86	-13.16	-11.24	-11.89	-10.20	-13.79	-9.18	-7.61	-11.21	-11.77	-8.29	-4.89	-6.49	-9.42	-11.08	-10.77	-12.13
90	-11.36	-13.42	-13.53	-6.30	-7.49	-10.45	-16.50	-13.41	-11.19	-16.00	-10.34	-12.73	-6.74	-8.49	-10.80	-7.75	-10.65	-17.65	-12.31	-10.11	-9.94	-10.45	-14.92	-14.69	-11.36
105	-13.65	-13.49	-10.94	-9.22	-11.42	-10.33	-12.44	-11.05	-15.76	-13.21	-11.11	-9.05	-7.13	-8.11	-12.59	-11.19	-11.07	-12.97	-16.21	-13.78	-13.34	-13.25	-13.50	-10.85	-13.65
120	-16.58	-19.80	-15.05	-11.76	-14.97	-9.90	-11.73	-14.29	-13.38	-12.37	-14.26	-11.32	-9.97	-11.71	-10.71	-13.74	-17.69	-19.35	-19.39	-15.25	-17.81	-10.72	-13.42	-16.13	-16.58
135	-24.12	-17.34	-19.28	-19.56	-12.30	-14.48	-13.26	-14.37	-15.07	-14.21	-19.97	-10.65	-11.69	-17.09	-13.22	-19.74	-22.56	-22.05	-20.71	-17.60	-17.97	-22.78	-21.38	-25.93	-24.12
150	-15.02	-24.11	-20.30	-16.23	-14.97	-13.28	-13.09	-16.85	-23.55	-17.78	-20.57	-15.50	-10.87	-16.05	-23.00	-19.51	-20.81	-23.76	-16.07	-16.19	-23.49	-19.30	-21.15	-14.18	-15.02
165	-24.70	-22.71	-18.19	-18.06	-21.23	-22.13	-18.40	-23.46	-23.07	-20.07	-27.34	-23.97	-23.55	-22.10	-19.32	-17.12	-17.73	-17.93	-18.40	-16.53	-19.58	-22.83	-20.81	-22.95	-24.70
180	-22.93	-22.93	-22.93	-22.93	-22.93	-22.93	-22.93	-22.93	-22.93	-22.93	-22.93	-22.93	-22.93	-22.93	-22.93	-22.93	-22.93	-22.93	-22.93	-22.93	-22.93	-22.93	-22.93	-22.93	-22.93

Polarity : Phi																										
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360	
0	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03	
15	7.12	9.21	9.78	9.91	9.20	7.60	7.40	8.19	8.55	8.96	9.26	9.30	9.17	9.16	9.32	9.14	8.16	7.80	9.11	10.28	10.73	10.07	9.32	7.78	7.12	
30	-1.85	0.40	3.12	3.85	3.37	2.09	1.72	2.26	3.40	4.95	6.06	5.58	5.02	5.19	6.58	7.66	6.70	4.92	4.57	5.15	6.24	5.65	3.85	0.83	-1.85	
45	-5.05	-8.40	-5.97	-5.65	-4.48	-8.02	-10.84	-7.54	-1.81	0.70	-1.33	-6.11	-6.04	-5.62	-1.94	1.20	-1.24	-2.64	-1.42	-3.07	-1.59	-2.82	-3.79	-3.47	-5.05	
60	-1.54	-3.81	-6.64	-4.81	-9.77	-6.18	-5.75	-6.33	-7.38	-1.68	-6.31	-10.01	-4.38	-2.28	-6.43	-4.62	-4.01	-4.85	-2.26	-11.35	-1.88	-7.27	-8.31	-1.58	-1.54	
75	-2.76	-4.28	-7.02	-5.08	-12.22	-10.03	-5.53	-9.12	-9.34	-6.11	-7.87	-4.58	-1.53	-3.71	-7.02	-8.74	-14.44	-9.04	-9.49	-7.68	-6.85	-6.39	-3.08	-1.43	-2.76	
90	-6.25	-4.45	-11.40	-7.56	-17.25	-12.42	-6.89	-8.20	-11.88	-4.66	-7.51	-6.51	-3.06	-4.51	-7.61	-10.20	-13.62	-9.23	-7.96	-14.72	-10.38	-10.61	-4.81	-4.07	-6.25	
105	-7.45	-7.19	-12.31	-7.27	-22.12	-11.34	-11.26	-9.62	-11.55	-4.62	-11.50	-7.97	-7.40	-9.84	-12.75	-13.80	-11.07	-13.08	-9.53	-11.21	-14.86	-12.91	-8.59	-9.33	-7.45	
120	-10.59	-10.12	-13.11	-8.92	-18.95	-11.76	-11.04	-9.12	-11.50	-8.11	-9.21	-12.39	-10.18	-12.18	-12.05	-13.55	-13.82	-14.35	-10.17	-11.60	-14.99	-14.97	-14.05	-8.81	-10.59	
135	-10.70	-12.92	-15.47	-19.87	-20.93	-11.40	-10.14	-13.02	-17.23	-12.92	-17.35	-13.95	-13.56	-18.15	-12.63	-15.66	-20.12	-29.70	-24.15	-18.35	-14.03	-12.72	-12.31	-12.35	-10.70	
150	-18.14	-15.57	-15.68	-15.27	-18.66	-12.49	-12.49	-18.33	-21.19	-19.26	-18.39	-19.60	-17.40	-18.27	-27.22	-21.97	-20.60	-19.53	-13.49	-16.67	-17.47	-21.34	-22.76	-21.35	-18.14	
165	-15.70	-19.94	-20.43	-27.45	-25.93	-23.36	-19.32	-16.79	-21.65	-25.56	-23.91	-20.33	-25.87	-20.09	-22.13	-25.97	-21.46	-21.66	-21.93	-27.37	-24.86	-20.15	-17.89	-15.90	-15.70	
180	-23.63	-23.63	-23.63	-23.63	-23.63	-23.63	-23.63	-23.63	-23.63	-23.63	-23.63	-23.63	-23.63	-23.63	-23.63	-23.63	-23.63	-23.63	-23.63	-23.63	-23.63	-23.63	-23.63	-23.63	-23.63	

Directional Gain Result – Raw Data

Directional Gain@1SS (Correlate)

Frequency : 5850MHz

Polarity : Theta																										
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360	
0	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	8.88	
15	8.08	8.86	9.33	9.27	8.39	7.37	8.57	9.62	9.91	9.40	8.36	7.49	7.97	9.30	10.17	10.37	10.02	8.10	6.61	7.56	8.48	8.78	8.61	7.93	8.08	
30	4.04	4.72	5.16	4.87	4.00	3.24	3.97	5.07	5.20	4.96	4.26	3.30	2.24	2.70	3.93	3.69	4.14	4.13	2.08	3.71	4.33	4.95	4.21	3.57	4.04	
45	-0.25	-1.57	-0.87	-2.10	-5.08	-4.54	-2.96	0.71	-0.31	-1.84	-0.51	-2.44	-4.92	-3.27	-7.77	-5.09	0.93	-2.67	-4.71	1.07	-1.31	-7.76	-2.57	1.04	-0.25	
60	-3.09	-9.64	-5.41	-9.39	-6.51	-6.85	-9.04	-5.11	-10.21	-14.21	-12.19	-7.85	-13.32	-3.85	-3.40	-8.67	-5.37	-7.26	-6.00	0.64	-2.84	-3.50	-4.48	-4.17	-3.09	
75	-9.61	-19.29	-11.72	-10.79	-8.54	-11.97	-12.21	-8.83	-14.07	-17.43	-9.89	-7.59	-9.32	-10.87	-10.98	-11.61	-13.48	-13.14	-7.44	-6.19	-8.11	-13.83	-13.23	-13.60	-9.61	
90	-11.91	-13.89	-14.48	-7.86	-8.80	-13.02	-18.20	-16.16	-13.80	-15.95	-9.28	-9.66	-7.06	-7.56	-12.07	-10.48	-12.60	-16.43	-12.00	-10.79	-12.12	-12.45	-12.88	-14.63	-11.91	
105	-17.55	-18.95	-10.85	-10.48	-10.61	-12.28	-15.15	-11.68	-13.74	-13.39	-10.67	-14.38	-7.08	-6.51	-11.54	-11.08	-12.63	-19.12	-16.58	-16.92	-11.54	-16.01	-15.03	-11.80	-17.55	
120	-15.22	-19.65	-14.78	-12.16	-13.01	-11.76	-11.75	-11.99	-12.56	-14.97	-12.75	-12.48	-9.55	-10.22	-10.80	-12.09	-16.47	-18.41	-19.54	-16.09	-16.59	-12.16	-14.27	-19.68	-15.22	
135	-20.10	-23.57	-18.34	-17.11	-13.94	-14.09	-14.75	-13.97	-13.66	-13.54	-16.63	-12.51	-11.30	-14.00	-12.62	-19.01	-24.02	-22.03	-18.99	-17.25	-14.23	-22.83	-20.68	-25.99	-20.10	
150	-19.22	-21.91	-20.65	-21.28	-16.38	-14.18	-12.68	-14.19	-16.40	-16.24	-14.42	-16.20	-10.61	-13.24	-18.92	-18.55	-18.71	-25.20	-16.50	-21.41	-23.66	-18.56	-16.75	-12.14	-19.22	
165	-24.21	-20.64	-18.62	-16.90	-19.59	-22.63	-24.97	-25.06	-22.99	-20.15	-25.52	-20.10	-21.90	-17.61	-20.51	-16.55	-17.21	-18.88	-21.45	-18.15	-17.80	-21.52	-18.87	-20.78	-24.21	
180	-20.15	-20.15	-20.15	-20.15	-20.15	-20.15	-20.15	-20.15	-20.15	-20.15	-20.15	-20.15	-20.15	-20.15	-20.15	-20.15	-20.15	-20.15	-20.15	-20.15	-20.15	-20.15	-20.15	-20.15	-20.15	

Polarity : Phi																										
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360	
0	12.20	12.20	12.20	12.20	12.20	12.20	12.20	12.20	12.20	12.20	12.20	12.20	12.20	12.20	12.20	12.20	12.20	12.20	12.20	12.20	12.20	12.20	12.20	12.20	12.20	
15	7.27	9.10	9.56	9.38	8.45	6.44	7.17	8.18	8.45	8.50	8.29	8.56	8.79	9.05	9.25	9.04	8.04	8.18	9.53	10.45	10.57	9.63	8.61	6.97	7.27	
30	-1.63	1.07	3.56	3.77	3.07	1.89	1.49	1.95	3.33	4.64	5.18	4.70	4.82	4.83	6.12	7.79	7.26	5.53	5.09	5.64	6.18	5.48	3.61	0.64	-1.63	
45	-3.31	-8.27	-5.79	-5.63	-5.46	-6.31	-8.31	-5.67	0.27	2.33	-0.99	-7.64	-5.21	-4.61	-2.32	2.13	-0.08	-3.29	-2.46	-3.91	-2.41	-2.19	-1.47	-1.00	-3.31	
60	-0.07	-4.58	-6.78	-4.81	-14.19	-5.56	-5.93	-5.73	-2.97	-1.20	-4.11	-9.16	-4.77	-2.52	-5.80	-4.26	-4.07	-5.44	-1.68	-7.11	-1.22	-3.41	-4.46	-0.15	-0.07	
75	-0.92	-3.81	-5.99	-6.11	-14.38	-8.12	-4.76	-8.31	-5.96	-4.40	-7.25	-4.55	-1.78	-4.09	-6.29	-6.56	-14.58	-8.04	-7.75	-5.85	-6.35	-5.70	-3.06	-0.92	-0.92	
90	-3.60	-4.71	-10.66	-6.60	-13.03	-11.39	-7.67	-8.71	-7.92	-4.34	-7.17	-6.99	-4.20	-5.06	-6.65	-8.71	-11.44	-6.70	-6.05	-11.09	-8.78	-8.69	-4.82	-4.04	-3.60	
105	-5.89	-8.87	-11.76	-6.67	-16.03	-12.33	-11.78	-10.53	-10.06	-3.99	-10.30	-7.79	-8.63	-9.85	-9.73	-11.47	-11.86	-11.83	-8.98	-10.45	-12.44	-10.61	-7.85	-8.87	-5.89	
120	-9.10	-10.22	-17.30	-8.60	-22.34	-13.31	-12.23	-11.21	-12.55	-7.10	-8.38	-12.41	-10.38	-13.96	-12.42	-12.25	-13.20	-14.33	-10.28	-10.99	-14.82	-15.68	-17.91	-10.17	-9.10	
135	-9.63	-12.44	-14.16	-18.47	-19.39	-12.00	-11.56	-14.77	-18.70	-11.00	-14.48	-12.65	-13.74	-16.08	-15.34	-16.95	-19.88	-30.56	-21.76	-16.05	-13.06	-13.43	-13.24	-10.32	-9.63	
150	-17.09	-15.87	-18.59	-14.74	-18.64	-14.77	-12.14	-17.21	-18.77	-19.10	-18.28	-24.99	-17.47	-18.48	-21.03	-19.94	-22.17	-17.29	-14.90	-16.24	-19.29	-17.05	-21.42	-17.33	-17.09	
165	-18.96	-21.90	-18.52	-21.33	-21.68	-20.43	-18.69	-19.19	-24.90	-23.60	-22.65	-19.73	-20.99	-16.91	-16.99	-23.98	-22.04	-21.53	-22.56	-25.87	-21.96	-20.19	-20.37	-17.07	-18.96	
180	-21.82	-21.82	-21.82	-21.82	-21.82	-21.82	-21.82	-21.82	-21.82	-21.82	-21.82	-21.82	-21.82	-21.82	-21.82	-21.82	-21.82	-21.82	-21.82	-21.82	-21.82	-21.82	-21.82	-21.82	-21.82	

Directional Gain Result – Raw Data

Directional Gain@1SS (Correlate)

Frequency : 5865MHz

Polarity : Theta																									
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360
0	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85	5.85
15	7.83	8.64	9.18	9.20	8.50	7.71	8.63	9.52	9.75	9.18	8.23	7.24	7.79	9.15	10.09	10.35	9.93	7.92	6.56	7.68	8.48	8.86	8.54	7.84	7.83
30	3.87	4.75	5.15	5.18	4.53	3.53	3.78	4.98	5.14	4.77	4.20	3.14	1.76	2.29	3.84	3.86	4.22	4.26	2.28	3.93	4.80	5.48	4.49	3.19	3.87
45	-0.76	-0.97	-0.36	-1.80	-4.96	-3.88	-2.82	0.22	-0.79	-2.40	-0.82	-2.16	-4.83	-3.68	-7.63	-5.01	1.35	-1.75	-3.71	1.30	-0.70	-6.01	-2.10	0.75	-0.76
60	-2.93	-11.35	-5.55	-9.20	-6.24	-5.88	-9.83	-5.48	-10.60	-15.41	-13.55	-7.73	-11.97	-4.06	-3.56	-7.91	-4.72	-7.12	-5.79	0.62	-3.25	-3.51	-4.24	-4.88	-2.93
75	-8.30	-17.50	-12.44	-11.36	-7.89	-12.24	-11.48	-8.20	-13.88	-16.56	-9.61	-7.14	-8.76	-10.13	-11.86	-11.71	-12.90	-11.55	-7.66	-6.43	-7.99	-15.66	-13.56	-15.39	-8.30
90	-10.60	-15.59	-15.96	-10.23	-9.54	-12.80	-19.99	-14.65	-14.04	-16.41	-9.03	-8.90	-6.26	-7.58	-12.57	-10.87	-13.44	-16.47	-11.24	-11.13	-13.16	-12.14	-12.12	-13.66	-10.60
105	-13.16	-21.17	-11.80	-10.02	-10.06	-12.24	-16.12	-10.49	-14.23	-13.61	-10.69	-14.94	-7.35	-7.41	-10.79	-13.07	-13.18	-17.96	-16.54	-16.82	-11.16	-16.24	-13.65	-12.95	-13.16
120	-13.45	-18.62	-15.50	-13.12	-14.23	-12.32	-11.14	-11.06	-11.39	-13.90	-12.12	-13.08	-9.76	-10.33	-11.74	-12.63	-15.11	-18.24	-16.57	-18.19	-17.68	-12.40	-14.23	-17.63	-13.45
135	-18.90	-21.54	-17.12	-16.28	-13.39	-12.17	-12.83	-12.93	-12.38	-13.30	-15.05	-11.66	-10.68	-14.95	-13.65	-21.28	-28.27	-20.49	-19.03	-18.88	-12.96	-19.51	-19.65	-29.13	-18.90
150	-15.80	-23.32	-19.54	-20.26	-14.26	-13.39	-12.47	-13.67	-17.15	-15.58	-14.77	-16.46	-10.21	-13.29	-19.06	-17.53	-17.88	-21.55	-14.73	-22.29	-22.23	-19.05	-17.77	-11.98	-15.80
165	-22.19	-19.52	-18.27	-18.93	-19.18	-19.88	-22.07	-25.22	-22.54	-20.18	-23.25	-21.66	-21.93	-19.61	-22.18	-15.11	-17.90	-19.17	-21.43	-18.55	-17.91	-20.43	-19.06	-23.15	-22.19
180	-18.72	-18.72	-18.72	-18.72	-18.72	-18.72	-18.72	-18.72	-18.72	-18.72	-18.72	-18.72	-18.72	-18.72	-18.72	-18.72	-18.72	-18.72	-18.72	-18.72	-18.72	-18.72	-18.72	-18.72	-18.72

Polarity : Phi																									
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360
0	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05	13.05
15	7.35	9.11	9.51	9.26	8.22	5.89	6.96	8.10	8.49	8.66	8.28	8.47	8.76	9.05	9.18	9.01	8.00	8.26	9.59	10.51	10.54	9.66	8.59	6.96	7.35
30	-1.72	1.17	3.57	3.80	3.20	2.10	1.53	2.10	3.50	4.82	5.05	4.45	4.77	4.80	5.84	7.71	7.38	5.60	5.11	5.59	6.04	5.38	3.49	0.76	-1.72
45	-2.70	-8.52	-5.48	-4.23	-4.77	-5.84	-7.53	-5.07	1.30	3.27	-0.25	-7.86	-4.74	-4.01	-2.33	2.50	0.41	-2.59	-2.23	-3.93	-2.15	-1.54	-0.99	-0.06	-2.70
60	0.44	-4.09	-5.47	-4.54	-11.36	-5.11	-5.97	-5.52	-1.62	-0.72	-3.74	-8.74	-4.32	-2.70	-5.53	-3.69	-3.23	-5.42	-1.58	-6.04	-0.65	-2.30	-3.79	0.56	0.44
75	-0.11	-3.06	-5.14	-6.07	-13.45	-7.27	-4.70	-7.21	-4.79	-3.69	-7.14	-4.51	-1.89	-3.87	-5.86	-6.03	-15.10	-7.38	-7.00	-5.00	-4.98	-4.58	-2.89	-0.16	-0.11
90	-3.32	-4.13	-10.41	-6.67	-10.92	-12.03	-8.16	-10.29	-7.94	-4.32	-6.77	-6.57	-4.06	-5.75	-6.27	-7.92	-9.96	-6.83	-5.26	-10.36	-8.37	-7.83	-3.82	-3.97	-3.32
105	-5.58	-9.52	-11.81	-6.14	-14.42	-12.94	-12.38	-11.26	-9.59	-3.82	-10.13	-7.19	-8.93	-9.91	-9.11	-12.62	-11.21	-11.43	-7.79	-9.26	-10.89	-9.80	-8.19	-9.19	-5.58
120	-8.82	-9.03	-13.97	-9.18	-20.04	-12.86	-12.05	-11.28	-12.80	-7.34	-8.43	-12.47	-9.54	-13.30	-12.59	-11.93	-13.94	-14.71	-9.83	-10.40	-13.75	-14.26	-17.86	-10.13	-8.82
135	-9.79	-12.62	-14.22	-18.02	-18.57	-11.78	-12.93	-14.55	-17.91	-10.20	-14.60	-12.64	-13.76	-17.78	-17.32	-16.09	-17.94	-25.89	-21.33	-15.56	-12.94	-13.16	-11.97	-10.97	-9.79
150	-15.35	-15.63	-17.70	-15.46	-23.23	-16.11	-13.53	-18.82	-21.11	-21.82	-20.75	-22.51	-16.71	-19.14	-23.23	-21.55	-20.68	-16.28	-14.87	-16.09	-18.81	-18.53	-21.99	-17.25	-15.35
165	-19.17	-19.98	-16.35	-20.55	-22.15	-18.53	-18.68	-19.30	-20.79	-22.20	-20.15	-17.24	-19.01	-17.32	-17.90	-25.82	-22.33	-20.54	-19.43	-25.82	-22.50	-19.82	-19.00	-17.71	-19.17
180	-20.81	-20.81	-20.81	-20.81	-20.81	-20.81	-20.81	-20.81	-20.81	-20.81	-20.81	-20.81	-20.81	-20.81	-20.81	-20.81	-20.81	-20.81	-20.81	-20.81	-20.81	-20.81	-20.81	-20.81	-20.81

Directional Gain Result – Raw Data

Directional Gain@1SS (Correlate)

Frequency : 5895MHz

Polarity : Theta																											
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360		
0	13.40	13.40	13.40	13.40	13.40	13.40	13.40	13.40	13.40	13.40	13.40	13.40	13.40	13.40	13.40	13.40	13.40	13.40	13.40	13.40	13.40	13.40	13.40	13.40	13.40		
15	7.76	8.47	9.16	9.32	8.76	8.18	8.85	9.60	9.71	9.15	8.22	7.10	7.57	8.96	10.07	10.44	10.07	8.06	6.73	7.83	8.59	8.87	8.38	7.75	7.76		
30	4.02	5.03	5.48	5.80	5.11	3.90	3.95	5.03	5.22	4.73	4.27	3.43	1.90	2.10	3.64	3.78	4.22	4.30	2.64	4.26	5.32	6.12	4.80	2.75	4.02		
45	-0.97	-1.09	-0.32	-1.57	-4.51	-3.30	-2.57	0.00	-1.04	-2.79	-1.13	-2.01	-4.31	-3.91	-9.02	-5.29	1.60	-1.30	-3.10	1.65	0.12	-5.29	-2.18	0.70	-0.97		
60	-3.64	-14.93	-5.52	-9.18	-5.13	-4.81	-10.94	-5.70	-10.37	-17.74	-15.98	-6.20	-10.81	-4.59	-3.38	-7.10	-3.89	-6.74	-5.52	0.77	-3.24	-3.42	-3.69	-4.84	-3.64		
75	-8.16	-16.82	-11.69	-10.88	-8.07	-13.73	-11.34	-8.79	-15.37	-15.48	-10.59	-7.02	-8.55	-8.27	-12.73	-10.94	-11.96	-11.66	-7.07	-6.37	-8.27	-13.30	-12.81	-17.14	-8.16		
90	-11.66	-14.12	-15.84	-10.59	-8.81	-12.18	-23.51	-13.95	-12.19	-16.73	-8.89	-7.87	-6.39	-7.51	-12.74	-12.46	-13.87	-13.86	-10.73	-11.25	-13.72	-12.27	-11.81	-14.22	-11.66		
105	-14.78	-19.31	-12.77	-10.05	-10.13	-13.42	-16.33	-9.21	-13.19	-13.25	-9.12	-14.32	-6.81	-7.51	-11.34	-12.34	-13.67	-21.01	-15.62	-16.83	-11.51	-17.08	-13.76	-13.46	-14.78		
120	-12.86	-17.77	-16.27	-11.25	-13.43	-12.84	-11.34	-10.25	-11.22	-13.33	-11.51	-12.26	-9.43	-10.77	-11.76	-12.26	-15.08	-17.95	-16.74	-19.24	-16.63	-13.53	-12.96	-18.96	-12.86		
135	-17.39	-21.95	-16.33	-16.69	-15.62	-13.58	-12.47	-11.77	-12.89	-13.22	-14.16	-12.18	-10.32	-14.86	-15.39	-20.49	-32.65	-19.35	-16.92	-16.68	-12.44	-17.48	-20.57	-28.10	-17.39		
150	-16.44	-21.79	-18.22	-20.22	-15.14	-13.47	-11.94	-13.05	-16.30	-15.00	-14.63	-15.66	-8.88	-12.75	-19.25	-18.51	-19.59	-19.66	-15.25	-21.03	-22.15	-18.90	-16.25	-12.74	-16.44		
165	-19.40	-18.20	-18.09	-20.00	-17.90	-17.07	-17.85	-19.07	-21.25	-18.73	-25.38	-22.16	-20.84	-18.91	-19.93	-15.92	-17.83	-20.44	-23.35	-17.10	-16.32	-18.95	-22.98	-25.61	-19.40		
180	-19.97	-19.97	-19.97	-19.97	-19.97	-19.97	-19.97	-19.97	-19.97	-19.97	-19.97	-19.97	-19.97	-19.97	-19.97	-19.97	-19.97	-19.97	-19.97	-19.97	-19.97	-19.97	-19.97	-19.97	-19.97		

Polarity : Phi																											
Theta\Phi Angle	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360		
0	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19		
15	6.88	8.52	8.86	8.44	7.26	4.68	6.00	7.34	8.02	8.25	7.79	7.82	8.13	8.49	8.57	8.27	7.17	7.56	9.01	9.93	9.94	9.03	7.96	6.54	6.88		
30	-2.56	0.99	3.04	3.07	2.54	1.65	0.79	1.66	3.26	4.64	4.74	3.36	4.23	4.17	5.01	6.88	6.66	4.97	4.34	4.67	5.31	4.59	2.78	-0.02	-2.56		
45	-2.89	-8.32	-5.03	-3.59	-5.68	-5.75	-7.86	-4.82	1.53	3.14	-0.45	-8.45	-5.28	-5.00	-3.36	2.04	0.32	-2.60	-2.41	-4.79	-2.59	-2.25	-1.56	-0.25	-2.89		
60	0.09	-5.27	-6.31	-5.01	-9.58	-5.97	-7.82	-6.06	-1.29	-0.44	-3.87	-9.36	-4.96	-3.20	-5.42	-3.72	-3.27	-5.93	-2.35	-5.56	-0.99	-2.50	-3.64	0.76	0.09		
75	-0.80	-3.56	-5.43	-7.08	-11.08	-8.32	-5.53	-7.70	-4.48	-4.25	-8.12	-5.19	-3.08	-4.90	-6.57	-6.04	-17.86	-8.43	-6.79	-4.83	-4.63	-4.75	-3.24	-0.50	-0.80		
90	-2.72	-4.44	-10.59	-7.02	-10.48	-11.84	-10.55	-10.21	-6.87	-3.85	-6.69	-6.01	-4.62	-6.20	-7.33	-8.47	-9.49	-7.67	-5.80	-10.83	-8.98	-6.90	-4.67	-4.37	-2.72		
105	-5.42	-11.24	-12.97	-6.62	-13.88	-12.54	-11.82	-10.62	-8.56	-3.98	-12.06	-8.54	-9.89	-9.43	-8.32	-11.76	-11.28	-12.45	-7.96	-8.86	-9.35	-8.83	-8.90	-9.06	-5.42		
120	-9.32	-9.39	-14.27	-10.58	-20.46	-13.04	-13.11	-12.39	-13.36	-7.77	-9.51	-13.57	-10.50	-15.23	-12.97	-12.89	-14.04	-14.15	-10.09	-10.59	-12.99	-15.10	-18.44	-9.49	-9.32		
135	-10.24	-12.76	-14.68	-17.80	-18.85	-12.11	-13.87	-15.21	-17.50	-9.18	-15.96	-12.80	-15.01	-16.08	-19.01	-15.23	-17.68	-26.13	-21.97	-14.36	-12.11	-14.48	-13.03	-12.75	-10.24		
150	-15.24	-17.52	-15.30	-17.05	-21.24	-15.96	-13.79	-17.29	-17.20	-19.01	-20.19	-22.19	-16.26	-17.34	-23.96	-23.87	-21.12	-17.08	-15.30	-15.59	-18.34	-17.79	-21.20	-16.73	-15.24		
165	-19.95	-19.47	-17.10	-19.36	-21.00	-18.34	-16.63	-17.56	-19.15	-20.32	-20.91	-16.72	-18.46	-18.81	-16.57	-24.08	-22.10	-22.18	-21.32	-24.63	-21.86	-20.38	-19.14	-17.78	-19.95		
180	-23.16	-23.16	-23.16	-23.16	-23.16	-23.16	-23.16	-23.16	-23.16	-23.16	-23.16	-23.16	-23.16	-23.16	-23.16	-23.16	-23.16	-23.16	-23.16	-23.16	-23.16	-23.16	-23.16	-23.16	-23.16		