

Model	<i>Chicony_MGR1930#3</i>				
Test / Position	<i>FS_Gain</i>				
Frequency	2350	2402	2441	2480	2550
Ant. Port Input Pwr. (dBm)	0.00	0.00	0.00	0.00	0.00
Tot. Rad. Pwr. (dBm)	-2.36	-1.97	-1.60	-1.47	-2.63
Peak EIRP (dBm)	-0.50	0.74	1.63	1.81	0.49
Directivity (dBi)	1.86	2.70	3.24	3.29	3.12
Efficiency (dB)	-2.36	-1.97	-1.60	-1.47	-2.63
Gain (dBi)	-0.50	0.74	1.63	1.81	0.49
Note	Cut1 = (X-Y)				
Model	<i>Chicony_MGR1930#3</i>				
Test / Position	<i>FS_Gain</i>				
Frequency	2350	2402	2441	2480	2550
Ant. Port Input Pwr. (dBm)	0.00	0.00	0.00	0.00	0.00
Tot. Rad. Pwr. (dBm)	-0.97	-0.74	-0.40	-0.39	-1.90
Peak EIRP (dBm)	4.31	2.95	3.16	2.96	0.64
Directivity (dBi)	5.29	3.69	3.56	3.36	2.53
Efficiency (dB)	-0.97	-0.74	-0.40	-0.39	-1.90
Gain (dBi)	4.31	2.95	3.16	2.96	0.64
Note	Cut2 = (X-Z)				
Model	<i>Chicony_MGR1930#3</i>				
Test / Position	<i>FS_Gain</i>				
Frequency	2350	2402	2441	2480	2550
Ant. Port Input Pwr. (dBm)	0.00	0.00	0.00	0.00	0.00
Tot. Rad. Pwr. (dBm)	-0.13	-0.31	-0.31	-0.52	-1.81
Peak EIRP (dBm)	4.31	2.95	3.16	2.29	0.72
Directivity (dBi)	4.44	3.26	3.46	2.80	2.53
Efficiency (dB)	-0.13	-0.31	-0.31	-0.52	-1.81
Gain (dBi)	4.31	2.95	3.16	2.29	0.72
Note	Cut3 = (Y-Z)				

Model	<i>Chicony_MGR1930#3 Mouse_3D</i>				
Test / Position	<i>FS_Gain</i>				
Frequency	2350	2402	2441	2480	2550
Ant. Port Input Pwr. (dBm)	0.00	0.00	0.00	0.00	0.00
Tot. Rad. Pwr. (dBm)	-1.10	-1.12	-0.99	-1.06	-2.26
Peak EIRP (dBm)	4.31	2.95	3.27	3.13	0.86
Directivity (dBi)	5.41	4.07	4.26	4.19	3.12
Efficiency (dB)	-1.10	-1.12	-0.99	-1.06	-2.26
Efficiency (%)	77.71	77.34	79.63	78.30	59.39
Gain (dBi)	4.31	2.95	3.27	3.13	0.86
Note					

File  
 Name:  
 Chicony\_  
 MGR193  
 0  
 Mouse#3  
 \_3D\_Gain  
 \_FS\_2350  
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 2550MHz  
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Test  
 Method:  
 Two-Axis  
 Dual-  
 Polarizati  
 on Pattern  
 Measure  
 ment  
 Test Start  
 Time:  
 10/03/201  
 9  
 17:12:02  
 Polarization

Theta	Frequency	2350	2402	2441	2480	2550
	Angle (°)	Power (dF	Power (dF	Power (dF	Power (dF	Power (dBm)
	0	-1.04	0.74	1.63	1.81	0.49
	15	-1.99	-0.12	0.86	1.13	0.11
	30	-3.94	-2.24	-1.05	-0.67	-1.36
	45	-6.1	-5.15	-3.59	-3	-3.28
	60	-6.43	-6.16	-4.15	-3.23	-3.03
	75	-4.86	-5.91	-4.12	-2.92	-2.72
	90	-2.62	-4.5	-4.3	-3.37	-4.02
	105	-1.57	-2.95	-3.37	-2.96	-4.16
	120	-2.01	-2.93	-3.33	-3.05	-4.57
	135	-1.85	-2.48	-2.93	-2.83	-5.02
	150	-0.94	-1.34	-1.68	-1.8	-3.91
	165	-0.5	-0.74	-1.13	-1.48	-3.29
	180	-0.58	-0.7	-1.17	-1.74	-3.2
	195	-0.87	-0.92	-1.43	-2.04	-3.1
	210	-1.54	-1.55	-1.97	-2.52	-3.17
	225	-2.75	-2.73	-3.03	-3.46	-3.82
	240	-3.48	-3.16	-3.27	-3.57	-4.05
	255	-2.76	-2.16	-2.03	-2.15	-2.94
	270	-3.17	-2.71	-2.39	-2.27	-3.2

285	-4.81	-4.24	-3.69	-3.41	-4.61
300	-4.29	-3.24	-2.66	-2.35	-4.07
315	-2.67	-1.37	-0.69	-0.35	-2.3
330	-1.65	-0.13	0.7	0.93	-0.86
345	-1.18	0.49	1.39	1.58	0.01
360	-1.04	0.74	1.63	1.81	0.49

Phi	Frequency	2350	2402	2441	2480	2550
Angle (°)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)
0	-11.87	-13.41	-17.3	-19.43	-29.22	
15	-9.01	-10.65	-13.94	-16.9	-35.33	
30	-6.63	-8.62	-12.46	-16.29	-26.1	
45	-4.76	-7.36	-12.2	-18.13	-27.18	
60	-3.44	-6.4	-11.99	-20.23	-23.22	
75	-2.69	-5.96	-12.16	-21.67	-20.26	
90	-2.53	-6.58	-14.04	-20.3	-15.08	
105	-3.14	-7.84	-15.34	-15.72	-11.1	
120	-4.15	-8.87	-14.87	-14.5	-9.72	
135	-5.91	-10.54	-15.22	-14.6	-9.4	
150	-9.77	-15.08	-19.75	-17.23	-9.97	
165	-20.21	-28.65	-24.66	-20.45	-12.08	
180	-17.67	-14.96	-14	-14.2	-14.88	
195	-9.22	-9.24	-9.1	-9.62	-13.65	
210	-5.44	-6.19	-6.45	-7.06	-10.23	
225	-3.44	-4.58	-5.14	-5.8	-8.07	
240	-2.49	-3.87	-4.8	-5.44	-6.96	
255	-2.13	-3.7	-5.17	-5.7	-7	
270	-2.31	-4.06	-6.12	-6.84	-8.77	
285	-3.55	-5.58	-8.51	-9.51	-12.72	
300	-5.89	-8.15	-12.62	-14.08	-19.39	
315	-9.01	-10.88	-17.41	-19.39	-23.76	
330	-12.63	-13.42	-20.91	-22.68	-22.25	
345	-14.52	-15.12	-21.89	-22.51	-23.32	
360	-11.87	-13.41	-17.3	-19.43	-29.22	

Total	Frequency	2350	2402	2441	2480	2550
Angle (°)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)
0	-0.7	0.9	1.69	1.85	0.49	
15	-1.2	0.25	1.01	1.19	0.11	
30	-2.07	-1.34	-0.75	-0.55	-1.34	
45	-2.37	-3.1	-3.03	-2.86	-3.27	
60	-1.67	-3.27	-3.49	-3.14	-2.99	
75	-0.63	-2.92	-3.49	-2.86	-2.64	
90	0.44	-2.4	-3.86	-3.28	-3.69	
105	0.73	-1.73	-3.1	-2.73	-3.36	
120	0.06	-1.94	-3.03	-2.75	-3.41	

135	-0.41	-1.85	-2.68	-2.55	-3.66
150	-0.4	-1.16	-1.62	-1.67	-2.95
165	-0.46	-0.73	-1.11	-1.42	-2.75
180	-0.5	-0.54	-0.95	-1.5	-2.92
195	-0.28	-0.33	-0.74	-1.34	-2.73
210	-0.06	-0.27	-0.65	-1.21	-2.39
225	-0.07	-0.55	-0.95	-1.47	-2.43
240	0.05	-0.49	-0.96	-1.39	-2.26
255	0.58	0.14	-0.31	-0.56	-1.5
270	0.29	-0.32	-0.86	-0.97	-2.14
285	-1.12	-1.85	-2.45	-2.46	-3.99
300	-2	-2.02	-2.24	-2.07	-3.94
315	-1.76	-0.91	-0.6	-0.3	-2.27
330	-1.32	0.06	0.73	0.94	-0.83
345	-0.98	0.61	1.41	1.59	0.03
360	-0.7	0.9	1.69	1.85	0.49

All

Polarization

Theta	Frequency	2350	2402	2441	2480	2550
	Point Values					
	Ant. Port I	0	0	0	0	0
	Tot. Rad. I	-2.36493	-1.96596	-1.60338	-1.47237	-2.63282
	Peak EIRP	-0.50297	0.737666	1.63428	1.81314	0.487268
	Directivity	1.86196	2.70362	3.23767	3.28551	3.12009
	Efficiency	-2.36493	-1.96596	-1.60338	-1.47237	-2.63282
	Gain (dBi)	-0.50297	0.737666	1.63428	1.81314	0.487268
	Front/Back	0.673218	1.44006	2.80743	3.55565	3.69102
	Beamwidth	172	83	83	86	87
	+ Beamwidth	90	30	32	34	40
	- Beamwidth	82	53	51	52	47
	Boresight	165	0	0	0	0
	Maximum	-0.50297	0.737666	1.63428	1.81314	0.487268
	Minimum	-6.43019	-6.16495	-4.29982	-3.56556	-5.01501
	Average P	-2.30364	-1.81846	-1.41513	-1.28024	-2.45394
	Max/Min I	5.92722	6.90262	5.9341	5.3787	5.50228
	Max/Avg I	1.80067	2.55613	3.04941	3.09338	2.94121
	Min/Avg F	-4.12655	-4.34649	-2.88469	-2.28532	-2.56107
	Minimum	-6.43019	-6.16495	-4.29982	-3.56556	-5.01501
	Maximum	-0.50297	0.737666	1.63428	1.81314	0.487268
	Average G	-2.36493	-1.96596	-1.60338	-1.47237	-2.63282
Phi	Frequency	2350	2402	2441	2480	2550
	Point Values					
	Ant. Port I	0	0	0	0	0
	Tot. Rad. I	-5.29694	-7.64479	-10.2838	-11.3399	-12.1793
	Peak EIRP	-2.13404	-3.70394	-4.80452	-5.44477	-6.95682

Directivity	3.16289	3.94085	5.47929	5.89512	5.22247
Efficiency	-5.29694	-7.64479	-10.2838	-11.3399	-12.1793
Gain (dBi)	-2.13404	-3.70394	-4.80452	-5.44477	-6.95682
Front/Back	0.552086	2.25443	7.18659	14.7868	16.2595
Beamwidth	84	86	80	79	65
+ Beamwidth	41	38	41	40	36
- Beamwidth	43	48	39	39	29
Boresight	255	255	240	240	240
Maximum	-2.13404	-3.70394	-4.80452	-5.44477	-6.95682
Minimum	-20.2149	-28.652	-24.6563	-22.6836	-35.3286
Average Power	-5.43461	-7.77441	-10.4252	-11.4892	-12.353
Max/Min Power	18.0809	24.948	19.8517	17.2388	28.3718
Max/Avg Power	3.30057	4.07047	5.62072	6.04439	5.39619
Min/Avg Power	-14.7803	-20.8776	-14.231	-11.1944	-22.9756
Minimum Power	-20.2149	-28.652	-24.6563	-22.6836	-35.3286
Maximum Gain	-2.13404	-3.70394	-4.80452	-5.44477	-6.95682
Average Gain	-5.29694	-7.64479	-10.2838	-11.3399	-12.1793

Total	Frequency	2350	2402	2441	2480	2550
	Point Values					
	Ant. Port I	0	0	0	0	0
	Tot. Rad. I	-0.57776	-0.92632	-1.05149	-1.04623	-2.17565
	Peak EIRP	0.725879	0.901485	1.68948	1.84566	0.49191
	Directivity	1.30364	1.8278	2.74097	2.89189	2.66756
	Efficiency	-0.57776	-0.92632	-1.05149	-1.04623	-2.17565
	Gain (dBi)	0.725879	0.901485	1.68948	1.84566	0.49191
	Front/Back	1.84928	1.44388	2.64205	3.34821	3.41018
	Beamwidth	148	127	87	88	88
	+ Beamwidth	90	37	35	35	40
	- Beamwidth	58	90	52	53	48
	Boresight	105	0	0	0	0
	Maximum	0.725879	0.901485	1.68948	1.84566	0.49191
	Minimum	-2.36862	-3.26823	-3.86174	-3.28462	-3.9879
	Average Power	-0.58258	-0.83635	-0.90129	-0.88489	-2.03074
	Max/Min Power	3.0945	4.16971	5.55122	5.13028	4.47981
	Max/Avg Power	1.30846	1.73784	2.59078	2.73055	2.52265
	Min/Avg Power	-1.78604	-2.43187	-2.96045	-2.39973	-1.95715
	Minimum Power	-2.36862	-3.26823	-3.86174	-3.28462	-3.9879
	Maximum Gain	0.725879	0.901485	1.68948	1.84566	0.49191
	Average Gain	-0.57776	-0.92632	-1.05149	-1.04623	-2.17565

File  
 Name:  
 Chicony\_  
 MGR193  
 0  
 Mouse#3  
 \_3D\_Gain  
 \_FS\_2350  
 -  
 2550MHz  
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Test  
 Method:  
 Two-Axis  
 Dual-  
 Polarizati  
 on Pattern  
 Measure  
 ment  
 Test Start  
 Time:  
 10/03/201  
 9  
 17:12:02  
 Polarization

Theta	Frequency	2350	2402	2441	2480	2550
	Angle (°)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)
	0	-2.09	0.46	1.25	1.63	-0.1
	15	-0.26	0.75	1.15	1.44	0.07
	30	-0.85	0.46	0.73	0.96	-0.46
	45	-2.36	-0.98	-0.46	-0.73	-1.67
	60	-4.01	-0.84	0.48	0.78	-1.1
	75	-2.56	0.22	1.31	1.51	-0.12
	90	-1.04	0.74	1.63	1.81	0.49
	105	-1.63	-0.08	0.55	0.86	-0.22
	120	-3.75	-2.07	-1.7	-1.29	-1.68
	135	-2.49	-1.83	-1.52	-1.44	-2.45
	150	1.87	1.51	1.82	1.73	-0.26
	165	-3.14	-6.55	-7.48	-11.81	-24.87
	180	4.02	2.52	2.84	1.95	-1.96
	195	-2.42	-4.08	-4.28	-4.96	-7.13
	210	3.47	2.7	3.07	2.95	0.52
	225	-1.59	-2.07	-1.7	-0.97	-1.15
	240	-13.01	-12.61	-9.33	-7.62	-6.67
	255	-6.67	-5.5	-4.58	-4.68	-7.58
	270	-0.58	-0.7	-1.17	-1.74	-3.2

285	0.45	-0.96	-1.58	-1.3	-2.11
300	-0.79	-4.32	-6.44	-6.5	-6.34
315	-8.77	-28.04	-14.2	-14.92	-16
330	-11.11	-3.8	-4.55	-5.43	-5.52
345	-3.84	-0.77	-0.85	-0.55	-1.31
360	-2.09	0.46	1.25	1.63	-0.1

Phi	Frequency	2350	2402	2441	2480	2550
Angle (°)	Power (dF)	Power (dF)	Power (dF)	Power (dF)	Power (dF)	Power (dBm)
0	-15.38	-27.29	-19.8	-20.41	-18.83	
15	-17.4	-25.16	-21.47	-25.17	-20.34	
30	-20.64	-23.78	-27.07	-29.13	-28.29	
45	-19.17	-16.36	-17.9	-22.84	-25.51	
60	-18.83	-17.53	-25.25	-26.41	-33.82	
75	-15.79	-15.44	-19.07	-19.57	-25.62	
90	-11.87	-13.41	-17.3	-19.43	-29.22	
105	-9.02	-12.38	-14.99	-16.52	-30.91	
120	-10	-13.66	-15.45	-16.38	-38.87	
135	-10.29	-12.37	-12.65	-12.44	-27.3	
150	-13.25	-16.66	-19.69	-20.45	-16.96	
165	-16.41	-18.52	-17.71	-18.92	-27.93	
180	-7.55	-7.33	-8.37	-8.93	-12.68	
195	-17.59	-18.57	-19.94	-18.47	-19.59	
210	-18	-18.28	-18.93	-20.64	-15.09	
225	-12.67	-15.82	-18.37	-19.13	-17.85	
240	-16.74	-15	-16.07	-17.64	-17.9	
255	-22.17	-18.23	-17.85	-17.35	-15.54	
270	-17.67	-14.96	-14	-14.2	-14.88	
285	-16.08	-14.11	-13.1	-13.02	-13.33	
300	-13.48	-13.21	-12.73	-12.8	-14.59	
315	-13.02	-13.11	-13.64	-13.17	-12.71	
330	-13.22	-16.1	-15.48	-15.64	-16.67	
345	-14.03	-19.67	-17.03	-16.42	-14.4	
360	-15.38	-27.29	-19.8	-20.41	-18.83	

Total	Frequency	2350	2402	2441	2480	2550
Angle (°)	Power (dF)	Power (dF)	Power (dF)	Power (dF)	Power (dF)	Power (dBm)
0	-1.89	0.46	1.29	1.66	-0.04	
15	-0.18	0.76	1.17	1.45	0.11	
30	-0.8	0.48	0.74	0.96	-0.46	
45	-2.27	-0.85	-0.38	-0.7	-1.65	
60	-3.87	-0.75	0.5	0.79	-1.09	
75	-2.36	0.33	1.35	1.54	-0.11	
90	-0.7	0.9	1.69	1.85	0.49	
105	-0.9	0.17	0.67	0.94	-0.22	
120	-2.83	-1.78	-1.53	-1.16	-1.68	



135	-1.82	-1.47	-1.2	-1.11	-2.44
150	2	1.58	1.85	1.76	-0.16
165	-2.94	-6.28	-7.09	-11.04	-23.12
180	4.31	2.95	3.16	2.29	-1.6
195	-2.29	-3.93	-4.16	-4.77	-6.89
210	3.5	2.73	3.09	2.96	0.64
225	-1.26	-1.89	-1.61	-0.91	-1.06
240	-11.47	-10.64	-8.5	-7.21	-6.36
255	-6.55	-5.27	-4.38	-4.45	-6.94
270	-0.5	-0.54	-0.95	-1.5	-2.92
285	0.55	-0.76	-1.29	-1.01	-1.8
300	-0.56	-3.79	-5.53	-5.58	-5.74
315	-7.38	-12.98	-10.9	-10.95	-11.04
330	-9.03	-3.55	-4.21	-5.04	-5.2
345	-3.45	-0.71	-0.74	-0.44	-1.1
360	-1.89	0.46	1.29	1.66	-0.04

All

Polarization

Theta	Frequency	2350	2402	2441	2480	2550
Point Values						
Ant. Port I		0	0	0	0	0
Tot. Rad. I		-1.22131	-0.91524	-0.53439	-0.51656	-2.02083
Peak EIRP		4.022	2.69657	3.06649	2.94556	0.520205
Directivity		5.24331	3.61181	3.60088	3.46212	2.54103
Efficiency		-1.22131	-0.91524	-0.53439	-0.51656	-2.02083
Gain (dBi)		4.022	2.69657	3.06649	2.94556	0.520205
Front/Back		6.11167	2.23322	2.33302	1.98566	0.984413
Beamwidth		19	20	20	22	30
+ Beamwidth		10	11	11	13	21
- Beamwidth		9	9	9	9	9
Boresight		180	210	210	210	210
Maximum		4.022	2.69657	3.06649	2.94556	0.520205
Minimum		-13.0071	-28.04	-14.201	-14.9161	-24.865
Average Power		-1.2529	-0.85125	-0.44677	-0.40701	-1.9251
Max/Min Power		17.0291	30.7365	17.2675	17.8616	25.3852
Max/Avg Power		5.27491	3.54782	3.51326	3.35256	2.4453
Min/Avg Power		-11.7542	-27.1887	-13.7542	-14.509	-22.9399
Minimum Power		-13.0071	-28.04	-14.201	-14.9161	-24.865
Maximum Power		4.022	2.69657	3.06649	2.94556	0.520205
Average Gain		-1.22131	-0.91524	-0.53439	-0.51656	-2.02083
Phi	Frequency	2350	2402	2441	2480	2550
Point Values						
Ant. Port I		0	0	0	0	0
Tot. Rad. I		-13.4862	-14.7303	-15.5436	-15.9854	-17.3963
Peak EIRP		-7.55113	-7.33134	-8.36986	-8.92708	-12.6803

Directivity	5.93508	7.39899	7.17377	7.05831	4.71604
Efficiency	-13.4862	-14.7303	-15.5436	-15.9854	-17.3963
Gain (dBi)	-7.55113	-7.33134	-8.36986	-8.92708	-12.6803
Front/Back	7.8302	19.9572	11.4276	11.4801	6.15263
Beamwidth	17	16	16	16	17
+ Beamwidth	8	8	8	8	9
- Beamwidth	9	8	8	8	8
Boresight	180	180	180	180	180
Maximum	-7.55113	-7.33134	-8.36986	-8.92708	-12.6803
Minimum	-22.1695	-27.2886	-27.0706	-29.1312	-38.8653
Average Power	-13.5481	-14.8976	-15.6535	-16.0978	-17.4456
Max/Min Power	14.6184	19.9572	18.7008	20.2041	26.185
Max/Avg Power	5.99694	7.56624	7.28363	7.17071	4.76524
Min/Avg Power	-8.62145	-12.391	-11.4171	-13.0334	-21.4198
Minimum Power	-22.1695	-27.2886	-27.0706	-29.1312	-38.8653
Maximum Gain	-7.55113	-7.33134	-8.36986	-8.92708	-12.6803
Average Gain	-13.4862	-14.7303	-15.5436	-15.9854	-17.3963

Total	Frequency	2350	2402	2441	2480	2550
	Point Values					
	Ant. Port I	0	0	0	0	0
	Tot. Rad. I	-0.97086	-0.73847	-0.39947	-0.395	-1.89666
	Peak EIRP	4.31427	2.95005	3.15643	2.96455	0.637894
	Directivity	5.28513	3.68852	3.55589	3.35955	2.53455
	Efficiency	-0.97086	-0.73847	-0.39947	-0.395	-1.89666
	Gain (dBi)	4.31427	2.95005	3.15643	2.96455	0.637894
	Front/Back	6.20504	2.48736	1.86856	2.00041	1.09494
	Beamwidth	19	18	17	22	30
	+ Beamwidth	10	9	9	13	21
	- Beamwidth	9	9	8	9	9
	Boresight	180	180	180	210	210
	Maximum	4.31427	2.95005	3.15643	2.96455	0.637894
	Minimum	-11.4729	-12.9753	-10.9008	-11.0357	-23.121
	Average Power	-1.00415	-0.68347	-0.31776	-0.29142	-1.80495
	Max/Min Power	15.7871	15.9253	14.0573	14.0003	23.7589
	Max/Avg Power	5.31842	3.63352	3.47419	3.25597	2.44285
	Min/Avg Power	-10.4687	-12.2918	-10.5831	-10.7443	-21.3161
	Minimum Power	-11.4729	-12.9753	-10.9008	-11.0357	-23.121
	Maximum Gain	4.31427	2.95005	3.15643	2.96455	0.637894
	Average Gain	-0.97086	-0.73847	-0.39947	-0.395	-1.89666

File  
 Name:  
 Chicony\_  
 MGR193  
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 Mouse#3  
 \_3D\_Gain  
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Test  
 Method:  
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 Polarization

Theta	Frequency	2350	2402	2441	2480	2550
	Angle (°)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)
	0	-15.38	-27.29	-19.8	-20.41	-18.83
	15	-9.67	-12.46	-9.24	-9.32	-10.99
	30	-6.33	-11.6	-6.53	-4.3	-5.06
	45	-1.88	-4.21	-3.24	-3.01	-3.32
	60	0.11	-2.63	-2.78	-1.97	-1.57
	75	-0.54	-3.73	-3.57	-2.02	-1.91
	90	-2.62	-4.5	-4.3	-3.37	-4.02
	105	-6.63	-7.93	-6.84	-6.46	-7.61
	120	-12.59	-13.67	-13.45	-11.97	-12.56
	135	-25.2	-17.3	-15.24	-14.21	-15.35
	150	-20.48	-24.78	-21.32	-15.41	-24.48
	165	-33.04	-25.81	-21.31	-16.48	-14.45
	180	-7.55	-7.33	-8.37	-8.93	-12.68
	195	-23.87	-18.27	-19.71	-17.3	-13.72
	210	-15.55	-15.36	-14.92	-15.59	-8.79
	225	-12.26	-11.02	-11.92	-14.92	-13.18
	240	-8.17	-7.28	-7.63	-8.79	-9.45
	255	-4.77	-3.73	-3.94	-4.6	-6.02
	270	-3.17	-2.71	-2.39	-2.27	-3.2

285	-3.45	-2.3	-1.43	-1.25	-2.09
300	-5.85	-4.16	-2.25	-1.48	-3.23
315	-8.07	-8.8	-5.71	-4.34	-5.61
330	-9.91	-10.01	-9.35	-10.16	-9.36
345	-14.38	-32.32	-21.19	-17.41	-17.47
360	-15.38	-27.29	-19.8	-20.41	-18.83

Phi	Frequency	2350	2402	2441	2480	2550
	Angle (°)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)
	0	-2.09	0.46	1.25	1.63	-0.1
	15	-2.17	0.12	-0.06	0.27	-0.23
	30	-5.34	-0.45	-0.08	-0.19	-0.62
	45	-10.5	-3.47	-1.28	-1.08	-2.33
	60	-16.61	-8.81	-5.94	-5.03	-5.3
	75	-6.99	-12.46	-15.76	-12.89	-11.29
	90	-2.53	-6.58	-14.04	-20.3	-15.08
	105	-0.23	-3.66	-6.1	-8.95	-11.73
	120	0.23	-2.5	-3.78	-5.75	-8.68
	135	-0.57	-3.38	-4.22	-4.76	-7.29
	150	-0.99	-2.87	-2.53	-3.04	-5.66
	165	-0.62	-1.63	-2.47	-4.19	-9.58
	180	4.02	2.52	2.84	1.95	-1.96
	195	-4.57	-6.21	-6.75	-9	-15.76
	210	1.7	1.85	1.79	0.92	-2.41
	225	-1.88	-1.1	-1.59	-2.5	-5.97
	240	1.04	1.37	0.62	-0.72	-3.78
	255	-1.23	-1.23	-2.67	-4.16	-7.36
	270	-2.31	-4.06	-6.12	-6.84	-8.77
	285	-10.59	-10.15	-8	-6.74	-6.69
	300	-7.22	-4.78	-3.9	-3.37	-3.33
	315	-3.13	-0.08	0.38	-0.01	-1.08
	330	-0.01	1.96	1.16	0.22	-0.12
	345	0.03	0.94	0.04	0.46	0.33
	360	-2.09	0.46	1.25	1.63	-0.1

Total	Frequency	2350	2402	2441	2480	2550
	Angle (°)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)
	0	-1.89	0.46	1.29	1.66	-0.04
	15	-1.46	0.35	0.44	0.72	0.12
	30	-2.8	-0.13	0.81	1.23	0.72
	45	-1.32	-0.82	0.86	1.07	0.21
	60	0.2	-1.69	-1.07	-0.22	-0.04
	75	0.35	-3.18	-3.31	-1.68	-1.43
	90	0.44	-2.4	-3.86	-3.28	-3.69
	105	0.66	-2.28	-3.44	-4.52	-6.19
	120	0.45	-2.18	-3.34	-4.82	-7.19

135	-0.55	-3.21	-3.89	-4.29	-6.66
150	-0.94	-2.84	-2.48	-2.79	-5.61
165	-0.62	-1.61	-2.42	-3.94	-8.35
180	4.31	2.95	3.16	2.29	-1.6
195	-4.52	-5.95	-6.54	-8.4	-11.61
210	1.78	1.93	1.89	1.02	-1.51
225	-1.5	-0.68	-1.2	-2.26	-5.21
240	1.53	1.92	1.23	-0.09	-2.74
255	0.36	0.71	-0.25	-1.37	-3.63
270	0.29	-0.32	-0.86	-0.97	-2.14
285	-2.68	-1.64	-0.56	-0.17	-0.8
300	-3.47	-1.45	0.01	0.69	-0.27
315	-1.92	0.47	1.34	1.35	0.23
330	0.41	2.22	1.53	0.6	0.37
345	0.18	0.94	0.07	0.53	0.4
360	-1.89	0.46	1.29	1.66	-0.04

All

Polarization

Theta	Frequency	2350	2402	2441	2480	2550
Point Values						
Ant. Port I		0	0	0	0	0
Tot. Rad. I		-6.01921	-7.06319	-6.33886	-5.79382	-6.37991
Peak EIRP		0.111643	-2.29515	-1.42635	-1.25272	-1.57321
Directivity		6.13086	4.76804	4.91251	4.54109	4.8067
Efficiency		-6.01921	-7.06319	-6.33886	-5.79382	-6.37991
Gain (dBi)		0.111643	-2.29515	-1.42635	-1.25272	-1.57321
Front/Back		8.28624	5.63076	5.41523	5.20442	7.87545
Beamwidth		52	58	59	58	59
+ Beamwidth		32	20	26	30	33
- Beamwidth		20	38	33	28	26
Boresight		60	285	285	285	60
Maximum		0.111643	-2.29515	-1.42635	-1.25272	-1.57321
Minimum		-33.0374	-32.323	-21.3247	-20.4072	-24.4801
Average P		-6.17559	-7.23876	-6.50799	-5.96485	-6.54692
Max/Min I		33.149	30.0279	19.8983	19.1545	22.9069
Max/Avg I		6.28723	4.94361	5.08164	4.71213	4.97371
Min/Avg F		-26.8618	-25.0843	-14.8167	-14.4424	-17.9332
Minimum		-33.0374	-32.323	-21.3247	-20.4072	-24.4801
Maximum		0.111643	-2.29515	-1.42635	-1.25272	-1.57321
Average G		-6.01921	-7.06319	-6.33886	-5.79382	-6.37991
Phi						
Phi	Frequency	2350	2402	2441	2480	2550
Point Values						
Ant. Port I		0	0	0	0	0
Tot. Rad. I		-1.41903	-1.34086	-1.55229	-2.04289	-3.68025
Peak EIRP		4.022	2.52265	2.83954	1.94611	0.333233

Directivity	5.44103	3.8635	4.39184	3.989	4.01348
Efficiency	-1.41903	-1.34086	-1.55229	-2.04289	-3.68025
Gain (dBi)	4.022	2.52265	2.83954	1.94611	0.333233
Front/Back	6.11167	2.06725	1.58563	0.317802	9.91054
Beamwidth	20	21	19	18	103
+ Beamwidth	9	9	8	8	62
- Beamwidth	11	12	11	10	41
Boresight	180	180	180	180	345
Maximum	4.022	2.52265	2.83954	1.94611	0.333233
Minimum	-16.6092	-12.4621	-15.7593	-20.3026	-15.7614
Average Power	-1.44396	-1.25277	-1.39732	-1.81799	-3.4631
Max/Min Power	20.6312	14.9848	18.5988	22.2487	16.0947
Max/Avg Power	5.46596	3.77542	4.23687	3.7641	3.79633
Min/Avg Power	-15.1653	-11.2093	-14.362	-18.4846	-12.2983
Minimum Power	-16.6092	-12.4621	-15.7593	-20.3026	-15.7614
Maximum	4.022	2.52265	2.83954	1.94611	0.333233
Average Gain	-1.41903	-1.34086	-1.55229	-2.04289	-3.68025

Total	Frequency	2350	2402	2441	2480	2550
	Point Values					
	Ant. Port I	0	0	0	0	0
	Tot. Rad. I	-0.12625	-0.31044	-0.30674	-0.5151	-1.8133
	Peak EIRP	4.31427	2.95005	3.15643	2.28753	0.715498
	Directivity	4.44052	3.26049	3.46317	2.80262	2.5288
	Efficiency	-0.12625	-0.31044	-0.30674	-0.5151	-1.8133
	Gain (dBi)	4.31427	2.95005	3.15643	2.28753	0.715498
	Front/Back	6.20504	2.48736	1.86856	0.632123	2.22846
	Beamwidth	20	21	18	18	142
	+ Beamwidth	9	9	8	8	52
	- Beamwidth	11	12	10	10	90
	Boresight	180	180	180	180	30
	Maximum	4.31427	2.95005	3.15643	2.28753	0.715498
	Minimum	-4.51506	-5.94538	-6.53861	-8.39721	-11.6129
	Average Power	-0.18464	-0.27672	-0.23034	-0.4039	-1.72655
	Max/Min Power	8.82933	8.89543	9.69504	10.6847	12.3284
	Max/Avg Power	4.49891	3.22678	3.38677	2.69143	2.44205
	Min/Avg Power	-4.33042	-5.66865	-6.30826	-7.99331	-9.88638
	Minimum Power	-4.51506	-5.94538	-6.53861	-8.39721	-11.6129
	Maximum	4.31427	2.95005	3.15643	2.28753	0.715498
	Average Gain	-0.12625	-0.31044	-0.30674	-0.5151	-1.8133

File  
 Name:  
 Chicony\_  
 MGR193  
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 Mouse#3  
 \_3D\_Gain  
 \_FS\_2350  
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 Test  
 Method:  
 Two-Axis  
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 Test End  
 Polarization

Theta	Frequency (MHz)	0	15	30	45	60	75
	2350 Phi Angle	0	15	30	45	60	75
	Theta Ang Response	Response	Response	Response	Response	Response	Response
0		-2.09	-2.91	-4.5	-7.22	-12.19	-28.16
15		-0.26	-0.49	-1.18	-2.35	-4.1	-6.55
30		-0.85	-1.27	-1.93	-2.77	-3.72	-4.82
45		-2.36	-2.24	-2.29	-2.54	-2.64	-2.32
60		-4.01	-4.14	-4.33	-4.19	-3.29	-1.47
75		-2.56	-3.24	-4.42	-5.23	-4.63	-2.56
90		-1.04	-1.99	-3.94	-6.1	-6.43	-4.86
105		-1.63	-2.35	-4.19	-7.06	-8.86	-8.14
120		-3.75	-5.14	-8.06	-12.45	-14.29	-13.08
135		-2.49	-3.43	-5.57	-9.29	-15.35	-21.87
150		1.87	0.98	-0.77	-3.56	-7.84	-14.37
165		-3.14	-3.12	-3.67	-4.94	-7.48	-12.87

Theta	Frequency (MHz)	0	15	30	45	60	75
	2402 Phi Angle	0	15	30	45	60	75
	Theta Ang Response	Response	Response	Response	Response	Response	Response
0		0.46	0.06	-1	-2.92	-6.21	-12.73
15		0.75	0.43	-0.44	-1.87	-4.09	-7.43
30		0.46	-0.25	-1.47	-3.19	-5.34	-8.06

45	-0.98	-1.36	-2.09	-3.08	-3.96	-4.26
60	-0.84	-1.71	-3.36	-5.3	-5.94	-4.54
75	0.22	-0.52	-2.4	-5.3	-7.08	-6.01
90	0.74	-0.12	-2.24	-5.15	-6.16	-5.91
105	-0.08	-0.66	-2.44	-5.2	-6.53	-6.88
120	-2.07	-3.29	-6.07	-9.5	-9.5	-9.61
135	-1.83	-2.82	-5.06	-8.86	-12.4	-13.08
150	1.51	0.67	-0.93	-3.52	-7.3	-12.72
165	-6.55	-6.38	-6.88	-8.24	-11.16	-18.17

2441 Phi Angle	0	15	30	45	60	75
Theta Ang Response	Response	Response	Response	Response	Response	Response
0	1.25	0.74	-0.45	-2.56	-6.21	-13.97
15	1.15	0.94	0.25	-0.94	-2.74	-5.42
30	0.73	0.28	-0.62	-1.9	-3.36	-4.87
45	-0.46	-0.77	-1.38	-2.24	-2.92	-3.11
60	0.48	-0.26	-1.74	-3.56	-4.28	-3.63
75	1.31	0.74	-0.87	-3.3	-4.61	-4.1
90	1.63	0.86	-1.05	-3.59	-4.15	-4.12
105	0.55	0.09	-1.54	-3.98	-4.96	-5.26
120	-1.7	-2.73	-5.14	-7.81	-7.58	-8.17
135	-1.52	-2.34	-4.39	-7.6	-9.85	-10.7
150	1.82	1.01	-0.55	-3	-6.6	-11.71
165	-7.48	-7.4	-7.99	-9.59	-12.97	-21.57

2480 Phi Angle	0	15	30	45	60	75
Theta Ang Response	Response	Response	Response	Response	Response	Response
0	1.63	1.14	-0.03	-2.1	-5.67	-13.15
15	1.44	1.23	0.57	-0.51	-2.23	-4.91
30	0.96	0.73	0.15	-0.7	-1.7	-2.82
45	-0.73	-1.04	-1.68	-2.47	-3.01	-2.99
60	0.78	0.1	-1.21	-2.73	-3.21	-2.58
75	1.51	1.03	-0.4	-2.46	-3.24	-2.43
90	1.81	1.13	-0.67	-3	-3.23	-2.92
105	0.86	0.42	-1.11	-3.41	-4.2	-4.51
120	-1.29	-2.14	-4.17	-6.11	-5.71	-6.43
135	-1.44	-2.07	-3.75	-6.34	-8.09	-9.24
150	1.73	1.09	-0.29	-2.47	-5.55	-9.64
165	-11.81	-11.52	-12.1	-14.08	-18.76	-28.77

2550 Phi Angle	0	15	30	45	60	75
Theta Ang Response	Response	Response	Response	Response	Response	Response
0	-0.1	-0.67	-1.95	-4.18	-8.06	-16.75
15	0.07	-0.08	-0.71	-1.72	-3.42	-6.15
30	-0.46	-0.52	-0.94	-1.55	-2.38	-3.43
45	-1.67	-1.88	-2.39	-3.05	-3.49	-3.41



60	-1.1	-1.22	-1.96	-2.88	-2.89	-2.08
75	-0.12	-0.33	-1.36	-3	-3.22	-2.11
90	0.49	0.11	-1.36	-3.28	-3.03	-2.72
105	-0.22	-0.53	-1.82	-3.86	-4.29	-4.62
120	-1.68	-2.37	-4.06	-5.86	-5.79	-6.58
135	-2.45	-3.08	-4.58	-6.81	-8.61	-10.03
150	-0.26	-1.02	-2.47	-4.75	-8.14	-13.24
165	-24.87	-26.98	-26.59	-24.92	-21.85	-18.13

Phi	Frequency (MHz)						
	2350 Phi Angle	0	15	30	45	60	75
	Theta Ang	Response	Response	Response	Response	Response	Response
	0	-15.38	-8.69	-5.34	-3.4	-2.32	-1.9
	15	-17.4	-17.76	-10.26	-6.38	-4.11	-2.82
	30	-20.64	-21.51	-12.72	-9.2	-7.28	-6.14
	45	-19.17	-31.2	-20.48	-15.26	-12.8	-11.57
	60	-18.83	-20.3	-22.08	-22.56	-18.15	-16.38
	75	-15.79	-14.35	-12.86	-10.88	-8.62	-7.21
	90	-11.87	-9.01	-6.63	-4.76	-3.44	-2.69
	105	-9.02	-7.69	-5.25	-3.1	-1.61	-0.69
	120	-10	-6.81	-3.93	-2.28	-1.47	-0.52
	135	-10.29	-7.43	-4.05	-1.94	-1.07	-0.88
	150	-13.25	-7.03	-3.64	-2	-1.35	-1.22
	165	-16.41	-10.32	-6.14	-3.53	-1.84	-0.9

	2402 Phi Angle	0	15	30	45	60	75
	Theta Ang	Response	Response	Response	Response	Response	Response
	0	-27.29	-10.05	-4.97	-2.21	-0.59	0.25
	15	-25.16	-11.25	-5.75	-2.85	-1.17	-0.23
	30	-23.78	-9.88	-5.31	-2.94	-1.57	-0.79
	45	-16.36	-10.73	-6.97	-5.14	-4.31	-3.86
	60	-17.53	-11.45	-8.8	-8.35	-8.99	-9.12
	75	-15.44	-12.93	-11.24	-11.56	-12.64	-11.88
	90	-13.41	-10.65	-8.62	-7.36	-6.4	-5.96
	105	-12.38	-11.6	-8.85	-6.38	-4.89	-4.05
	120	-13.66	-10.65	-6.83	-4.8	-4.22	-3.52
	135	-12.37	-10.14	-6.36	-3.99	-3.31	-3.59
	150	-16.66	-10.92	-6.39	-4.31	-3.57	-3.32
	165	-18.52	-12.08	-7.69	-4.8	-2.95	-1.95

	2441 Phi Angle	0	15	30	45	60	75
	Theta Ang	Response	Response	Response	Response	Response	Response
	0	-19.8	-8	-3.53	-1.02	0.44	1.16
	15	-21.47	-10.79	-5.66	-2.9	-1.34	-0.44
	30	-27.07	-10.33	-5.43	-2.92	-1.4	-0.49
	45	-17.9	-10.37	-6.08	-3.8	-2.53	-1.78

60	-25.25	-13.33	-9.33	-7.94	-7.69	-6.99
75	-19.07	-15.38	-13.12	-13.3	-15.54	-15.88
90	-17.3	-13.94	-12.46	-12.2	-11.99	-12.16
105	-14.99	-13.69	-10.73	-8.46	-7.25	-6.52
120	-15.45	-11.25	-7.68	-6.18	-6.14	-5.29
135	-12.65	-9.86	-6.46	-4.62	-4.36	-4.83
150	-19.69	-10.09	-5.65	-3.71	-3.05	-2.86
165	-17.71	-12.47	-8.37	-5.59	-3.77	-2.75

2480 Phi Angle	0	15	30	45	60	75
Theta Ang Response	Response	Response	Response	Response	Response	Response
0	-20.41	-7.86	-3.28	-0.72	0.77	1.51
15	-25.17	-12.02	-6.37	-3.31	-1.44	-0.3
30	-29.13	-11.43	-6.3	-3.63	-1.94	-0.81
45	-22.84	-12.55	-7.41	-4.59	-2.96	-1.88
60	-26.41	-14.69	-10.16	-8.28	-7.5	-6.4
75	-19.57	-15.91	-13.85	-13.75	-14.83	-14.71
90	-19.43	-16.9	-16.29	-18.13	-20.23	-21.67
105	-16.52	-15.8	-13.08	-10.92	-10.01	-9.54
120	-16.38	-13.05	-9.45	-8.25	-8.89	-7.93
135	-12.44	-10.51	-7.35	-5.59	-5.51	-5.79
150	-20.45	-10.79	-6.24	-4.19	-3.43	-3.25
165	-18.92	-14.45	-10.4	-7.59	-5.66	-4.56

2550 Phi Angle	0	15	30	45	60	75
Theta Ang Response	Response	Response	Response	Response	Response	Response
0	-18.83	-8.72	-4.53	-2.16	-0.79	-0.13
15	-20.34	-18.85	-9.37	-5.26	-2.75	-1.14
30	-28.29	-14.72	-8.47	-5.25	-3.13	-1.61
45	-25.51	-19.33	-11.54	-7.68	-5.39	-3.73
60	-33.82	-19.79	-13.51	-10.72	-9.35	-7.5
75	-25.62	-22	-18.19	-16.68	-16.27	-14.79
90	-29.22	-35.33	-26.1	-27.18	-23.22	-20.26
105	-30.91	-24.13	-17.26	-14.55	-13.47	-12.46
120	-38.87	-18.54	-13.28	-12.32	-14.07	-11.82
135	-27.3	-15.76	-10.97	-9.17	-9.22	-9.05
150	-16.96	-10.62	-7.61	-6.13	-5.65	-5.63
165	-27.93	-21.83	-16.91	-13.49	-11.32	-10.12

Total	Frequency (MHz)						
	2350 Phi Angle	0	15	30	45	60	75
	Theta Ang Response	Response	Response	Response	Response	Response	Response
	0	-1.89	-1.89	-1.89	-1.89	-1.89	-1.89
	15	-0.18	-0.41	-0.67	-0.91	-1.1	-1.29
	30	-0.8	-1.23	-1.59	-1.88	-2.14	-2.42
	45	-2.27	-2.24	-2.22	-2.31	-2.24	-1.84

60	-3.87	-4.04	-4.26	-4.13	-3.15	-1.33
75	-2.36	-2.92	-3.84	-4.18	-3.17	-1.28
90	-0.7	-1.2	-2.07	-2.37	-1.67	-0.63
105	-0.9	-1.23	-1.68	-1.64	-0.86	0.03
120	-2.83	-2.89	-2.51	-1.88	-1.25	-0.28
135	-1.82	-1.98	-1.73	-1.2	-0.91	-0.85
150	2	1.61	1.04	0.3	-0.47	-1.02
165	-2.94	-2.36	-1.72	-1.17	-0.79	-0.63

2402 Phi Angle	0	15	30	45	60	75
Theta Ang	Response	Response	Response	Response	Response	Response
0	0.46	0.46	0.46	0.46	0.46	0.46
15	0.76	0.72	0.68	0.68	0.62	0.53
30	0.48	0.2	0.03	-0.06	-0.05	-0.05
45	-0.85	-0.88	-0.87	-0.98	-1.12	-1.04
60	-0.75	-1.27	-2.27	-3.55	-4.19	-3.24
75	0.33	-0.28	-1.86	-4.37	-6.02	-5.01
90	0.9	0.25	-1.34	-3.1	-3.27	-2.92
105	0.17	-0.33	-1.55	-2.74	-2.63	-2.23
120	-1.78	-2.56	-3.42	-3.53	-3.09	-2.57
135	-1.47	-2.08	-2.65	-2.77	-2.8	-3.13
150	1.58	0.96	0.15	-0.88	-2.03	-2.85
165	-6.28	-5.34	-4.26	-3.18	-2.34	-1.85

2441 Phi Angle	0	15	30	45	60	75
Theta Ang	Response	Response	Response	Response	Response	Response
0	1.29	1.29	1.29	1.29	1.29	1.29
15	1.17	1.22	1.24	1.2	1.03	0.76
30	0.74	0.65	0.62	0.63	0.74	0.86
45	-0.38	-0.32	-0.11	0.06	0.29	0.62
60	0.5	-0.05	-1.04	-2.21	-2.65	-1.98
75	1.35	0.84	-0.62	-2.89	-4.28	-3.82
90	1.69	1.01	-0.75	-3.03	-3.49	-3.49
105	0.67	0.27	-1.04	-2.65	-2.95	-2.84
120	-1.53	-2.16	-3.22	-3.91	-3.79	-3.49
135	-1.2	-1.63	-2.29	-2.85	-3.28	-3.83
150	1.85	1.33	0.62	-0.33	-1.46	-2.33
165	-7.09	-6.22	-5.17	-4.14	-3.28	-2.7

2480 Phi Angle	0	15	30	45	60	75
Theta Ang	Response	Response	Response	Response	Response	Response
0	1.66	1.66	1.66	1.66	1.66	1.66
15	1.45	1.43	1.37	1.32	1.2	0.99
30	0.96	0.99	1.03	1.09	1.19	1.31
45	-0.7	-0.74	-0.65	-0.39	0.03	0.61
60	0.79	0.24	-0.69	-1.66	-1.84	-1.07

75	1.54	1.12	-0.2	-2.15	-2.95	-2.18
90	1.85	1.19	-0.55	-2.86	-3.14	-2.86
105	0.94	0.52	-0.84	-2.7	-3.18	-3.32
120	-1.16	-1.81	-3.04	-4.04	-4	-4.11
135	-1.11	-1.49	-2.18	-2.94	-3.6	-4.17
150	1.76	1.36	0.69	-0.23	-1.35	-2.35
165	-11.04	-9.73	-8.16	-6.71	-5.45	-4.54

2550 Phi Angle	0	15	30	45	60	75
Theta Ang	Response	Response	Response	Response	Response	Response
0	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04
15	0.11	-0.02	-0.15	-0.13	-0.06	0.05
30	-0.46	-0.36	-0.23	-0.01	0.27	0.59
45	-1.65	-1.8	-1.89	-1.76	-1.32	-0.56
60	-1.09	-1.16	-1.66	-2.22	-2.01	-0.99
75	-0.11	-0.3	-1.27	-2.82	-3.01	-1.88
90	0.49	0.11	-1.34	-3.27	-2.99	-2.64
105	-0.22	-0.51	-1.69	-3.5	-3.8	-3.96
120	-1.68	-2.27	-3.57	-4.98	-5.19	-5.44
135	-2.44	-2.85	-3.69	-4.82	-5.89	-6.5
150	-0.16	-0.56	-1.31	-2.37	-3.71	-4.93
165	-23.12	-20.67	-16.46	-13.18	-10.95	-9.49

All

Polarization

Theta	Frequency	2350	2402	2441	2480	2550
	Point Values					
Ant. Port I		0	0	0	0	0
Tot. Rad. I		-3.61046	-3.57141	-3.0865	-2.84626	-3.92796
Peak EIRP		4.3142	2.93947	3.15624	2.94556	0.520205
Directivity		7.92466	6.51088	6.24273	5.79182	4.44817
Efficiency		-3.61046	-3.57141	-3.0865	-2.84626	-3.92796
Efficiency		43.5466	43.9399	49.1304	51.9247	40.4766
Gain (dBi)		4.3142	2.93947	3.15624	2.94556	0.520205
NHPRP 雁		-5.12467	-5.04971	-4.53299	-4.23429	-5.22903
NHPRP 雁		-6.22574	-6.05136	-5.57713	-5.30322	-6.36043
NHPRP 雁		-7.1382	-6.89649	-6.4489	-6.21001	-7.30272
Upper Her		-5.94947	-6.05762	-5.48985	-5.14821	-6.1783
Lower Her		-7.41512	-7.17783	-6.80256	-6.7034	-7.86002
NHPRP4 /		-1.51421	-1.47831	-1.4465	-1.38803	-1.30107
NHPRP4 /		70.5634	71.1491	71.6721	72.6436	74.1127
Near Horz		-3.61952	-3.54456	-3.02784	-2.72914	-3.72388
NHPRP6 /		-2.61528	-2.47995	-2.49064	-2.45696	-2.43246
NHPRP6 /		54.7611	56.4943	56.3555	56.7942	57.1154
Near Horz		-3.21544	-3.04106	-2.56683	-2.29292	-3.35013
NHPRP8 /		-3.52774	-3.32508	-3.3624	-3.36374	-3.37476
NHPRP8 /		44.3839	46.5042	46.1062	46.092	45.9753

Near Horz	-2.9666	-2.72488	-2.2773	-2.0384	-3.13112
UHPRP / °	-2.33901	-2.48621	-2.40335	-2.30195	-2.25034
UHPRP / °	58.3578	56.4129	57.4996	58.8579	59.5616
Upper Her	-2.93917	-3.04732	-2.47955	-2.13791	-3.168
LHPRP / °	-3.80466	-3.60642	-3.71607	-3.85714	-3.93206
LHPRP / °	41.6422	43.5871	42.5004	41.1421	40.4384
Lower Her	-4.40482	-4.16753	-3.79226	-3.6931	-4.84972
PRP (dBm)	-4.71592	-4.57734	-4.04437	-3.75831	-4.81214
Front/Back	9.21527	5.48709	4.87867	1.98566	0.984413
Phi BW (°)	0	0	0	36	37
+ Phi BW	0	0	0	20	21
- Phi BW (°)	0	0	0	16	16
Theta BW	19	19	19	22	31
+ Th. BW	9	9	9	9	10
- Th. BW (°)	10	10	10	13	21
Boresight ↓	165	165	165	180	180
Boresight ↑	180	180	180	150	150
Maximum	4.3142	2.93947	3.15624	2.94556	0.520205
Minimum	-35.6857	-34.3262	-36.8436	-33.2332	-35.0104
Average P	-2.96456	-2.97934	-2.52265	-2.44976	-3.90934
Max/Min I	39.9999	37.2657	39.9998	36.1787	35.5306
Max/Avg I	7.27877	5.91881	5.67889	5.39531	4.42954
Min/Avg F	-32.7212	-31.3468	-34.3209	-30.7834	-31.1011
Minimum	-35.6857	-34.3262	-36.8436	-33.2332	-35.0104
Maximum	4.3142	2.93947	3.15624	2.94556	0.520205
Average G	-3.61046	-3.57141	-3.0865	-2.84626	-3.92796
E-Plane B	16	17	15	23	30
+ E-Plane	8	8	7	10	10
- E-Plane I	8	9	8	13	20
H-Plane B	0	0	0	33	36
+ H-Plane	0	0	0	17	21
- H-Plane ↓	0	0	0	16	15

Phi	Frequency	2350	2402	2441	2480	2550
	Point Values					
	Ant. Port I	0	0	0	0	0
	Tot. Rad. I	-4.66467	-4.76241	-5.15642	-5.78741	-7.2328
	Peak EIRP	4.3142	2.93947	3.15624	2.28631	0.333233
	Directivity	8.97888	7.70189	8.31266	8.07372	7.56603
	Efficiency	-4.66467	-4.76241	-5.15642	-5.78741	-7.2328
	Efficiency	34.1612	33.401	30.5041	26.3791	18.9113
	Gain (dBi)	4.3142	2.93947	3.15624	2.28631	0.333233
	NHPRP 雁	-6.6243	-7.32974	-7.93196	-8.64395	-10.1159
	NHPRP 雁	-8.28676	-9.59746	-10.6363	-11.4494	-12.7836
	NHPRP 雁	-9.51775	-11.1673	-12.4979	-13.3489	-14.6219
	Upper Her	-10.6442	-8.83472	-8.64558	-8.76028	-9.11774

Lower Her	-5.92785	-6.92005	-7.73546	-8.83545	-11.7661	
NHPRP4 /	-1.95963	-2.56733	-2.77554	-2.85655	-2.88306	
NHPRP4 /	63.6849	55.369	52.7772	51.8018	51.4865	
Near Horz	-5.11915	-5.82459	-6.42681	-7.1388	-8.61071	
NHPRP6 /	-3.62209	-4.83505	-5.47989	-5.66199	-5.55083	
NHPRP6 /	43.4302	32.847	28.3147	27.1519	27.8559	
Near Horz	-5.27646	-6.58716	-7.62601	-8.4391	-9.77332	
NHPRP8 /	-4.85308	-6.40487	-7.34152	-7.56147	-7.38912	
NHPRP8 /	32.7108	22.883	18.4437	17.5329	18.2427	
Near Horz	-5.34615	-6.99568	-8.32634	-9.17727	-10.4503	
UHPRP /	-5.97949	-4.0723	-3.48916	-2.97288	-1.88494	
UHPRP /	25.2378	39.1534	44.78	50.4327	64.7897	
Upper Her	-7.63386	-5.82442	-5.63528	-5.74998	-6.10744	
LHPRP /	-1.26318	-2.15764	-2.57904	-3.04805	-4.5333	
LHPRP /	74.7622	60.8466	55.22	49.5673	35.2103	
Lower Her	-2.91755	-3.90975	-4.72516	-5.82515	-8.75579	
PRP (dBm	-6.9549	-6.68284	-7.04586	-7.51681	-8.33178	
Front/Back	9.21527	5.48709	4.87867	3.6412	9.91054	
Phi BW (?)	0	0	0	0	27	
+ Phi BW	0	0	0	0	15	
- Phi BW (	0	0	0	0	12	
Theta BW	20	21	20	19	105	
+ Th. BW	9	9	9	9	42	
- Th. BW (	11	12	11	10	63	
Boresight ]	75	75	75	75	270	
Boresight '	180	180	180	180	15	
Maximum	4.3142	2.93947	3.15624	2.28631	0.333233	
Minimum	-35.6857	-30.9601	-36.8436	-33.2332	-48.9061	
Average P	-3.77735	-3.76083	-3.88763	-4.38787	-6.15412	
Max/Min I	39.9999	33.8996	39.9998	35.5195	49.2393	
Max/Avg I	8.09155	6.7003	7.04386	6.67418	6.48736	
Min/Avg F	-31.9084	-27.1993	-32.9559	-28.8453	-42.752	
Minimum	-35.6857	-30.9601	-36.8436	-33.2332	-48.9061	
Maximum	4.3142	2.93947	3.15624	2.28631	0.333233	
Average G	-4.66467	-4.76241	-5.15642	-5.78741	-7.2328	
E-Plane B	16	17	16	15	51	
+ E-Plane	7	8	7	7	12	
- E-Plane I	9	9	9	8	39	
H-Plane B	0	0	0	0	33	
+ H-Plane	0	0	0	0	20	
- H-Plane ]	0	0	0	0	13	
Total	Frequency	2350	2402	2441	2480	2550
	Point Values					
	Ant. Port I	0	0	0	0	0
	Tot. Rad. I	-1.09536	-1.11591	-0.98899	-1.06218	-2.26303

Peak EIRP	4.31464	2.95009	3.26684	3.12735	0.858201
Directivity	5.40999	4.066	4.25583	4.18953	3.12123
Efficiency	-1.09536	-1.11591	-0.98899	-1.06218	-2.26303
Efficiency	77.7078	77.3409	79.6345	78.3037	59.3878
Gain (dBi)	4.31464	2.95009	3.26684	3.12735	0.858201
NHPRP 雁	-2.79978	-3.03149	-2.89781	-2.89166	-4.00826
NHPRP 雁	-4.12482	-4.46181	-4.39797	-4.35895	-5.46892
NHPRP 雁	-5.1567	-5.51649	-5.48547	-5.4427	-6.56412
Upper Her	-4.68083	-4.21757	-3.77688	-3.57877	-4.39364
Lower Her	-3.59783	-4.03673	-4.23371	-4.62959	-6.37767
NHPRP4 /	-1.70442	-1.91558	-1.90882	-1.82948	-1.74524
NHPRP4 /	67.5395	64.3342	64.4344	65.6224	66.9077
Near Horz	-1.29463	-1.52634	-1.39266	-1.38651	-2.50311
NHPRP6 /	-3.02946	-3.3459	-3.40898	-3.29677	-3.20589
NHPRP6 /	49.7799	46.2818	45.6144	46.8083	47.7981
Near Horz	-1.11452	-1.45151	-1.38767	-1.34865	-2.45862
NHPRP8 /	-4.06135	-4.40058	-4.49649	-4.38053	-4.30109
NHPRP8 /	39.2523	36.303	35.5101	36.471	37.1442
Near Horz	-0.9851	-1.34488	-1.31387	-1.2711	-2.39251
UHPRP /	-3.58547	-3.10167	-2.78789	-2.5166	-2.13061
UHPRP /	43.7979	48.9591	52.6273	56.0196	61.2264
Upper Her	-1.67053	-1.20728	-0.76658	-0.56847	-1.38334
LHPRP / 1	-2.50247	-2.92082	-3.24472	-3.56741	-4.11464
LHPRP / 1	56.2021	51.0409	47.3727	43.9804	38.7736
Lower Her	-0.58753	-1.02643	-1.22341	-1.61929	-3.36737
PRP (dBm)	-2.68239	-2.49343	-2.28052	-2.23276	-3.21446
Front/Back	6.20541	2.91862	2.62093	2.13774	1.21688
Phi BW (?)	19	61	57	54	53
+ Phi BW	10	33	32	29	28
- Phi BW (	9	28	25	25	25
Theta BW	21	24	22	23	31
+ Th. BW	9	10	10	9	9
- Th. BW (	12	14	12	14	22
Boresight ]	75	210	195	195	195
Boresight ^	180	150	150	150	150
Maximum	4.31464	2.95009	3.26684	3.12735	0.858201
Minimum	-11.4729	-13.3358	-10.9008	-13.5537	-23.121
Average P	-0.34167	-0.34223	-0.14143	-0.30128	-1.87798
Max/Min I	15.7875	16.2859	14.1677	16.681	23.9792
Max/Avg I	4.65631	3.29232	3.40828	3.42864	2.73618
Min/Avg F	-11.1312	-12.9936	-10.7594	-13.2524	-21.243
Minimum	-11.4729	-13.3358	-10.9008	-13.5537	-23.121
Maximum	4.31464	2.95009	3.26684	3.12735	0.858201
Average G	-1.09536	-1.11591	-0.98899	-1.06218	-2.26303
E-Plane B^	19	36	22	24	32
+ E-Plane	10	20	10	10	10

- E-Plane I	9	16	12	14	22
H-Plane B	21	77	56	53	52
+ H-Plane	12	62	26	24	25
- H-Plane I	9	15	30	29	27



90	105	120	135	150	165	180	195	210
Response	Response	Response	Response	Response	Response	Response	Response	Response
-15.38	-8.69	-5.34	-3.4	-2.32	-1.9	-2.09	-2.91	-4.5
-9.67	-12.19	-11.32	-8.62	-6.39	-4.79	-3.84	-3.62	-4.09
-6.33	-8.65	-12.62	-20.93	-23.8	-14.47	-11.11	-9.73	-9.76
-1.88	-1.89	-2.67	-4.1	-5.8	-7.4	-8.77	-9.94	-10.79
0.11	0.64	0.31	-0.11	-0.24	-0.42	-0.79	-1.5	-2.64
-0.54	0.42	0.26	0.05	0.38	0.62	0.45	0.03	-0.63
-2.62	-1.57	-2.01	-1.85	-0.94	-0.5	-0.58	-0.87	-1.54
-6.63	-5.99	-6.74	-6.98	-6.26	-6.06	-6.67	-7.54	-8.24
-12.59	-11.38	-13.79	-23.62	-19.68	-14.33	-13.01	-13.86	-16.85
-25.2	-19.54	-20	-10.76	-5.27	-2.61	-1.59	-1.78	-3.24
-20.48	-11.84	-5.77	-1.55	1.22	2.89	3.47	3.19	2.01
-33.04	-13.02	-7.33	-4.52	-3.02	-2.41	-2.42	-2.81	-3.76

90	105	120	135	150	165	180	195	210
Response	Response	Response	Response	Response	Response	Response	Response	Response
-27.29	-10.05	-4.97	-2.21	-0.59	0.25	0.46	0.06	-1
-12.46	-15.63	-10.14	-5.95	-3.26	-1.6	-0.77	-0.71	-1.38
-11.6	-16.57	-15.2	-9.88	-6.59	-4.64	-3.8	-3.78	-4.77

-4.21	-4.66	-6.31	-9.72	-15.3	-25.74	-28.04	-19.64	-17.6
-2.63	-1.8	-2.3	-3.07	-3.31	-3.68	-4.32	-5.31	-6.65
-3.73	-2.11	-1.87	-1.94	-1.33	-0.89	-0.96	-1.33	-1.99
-4.5	-2.95	-2.93	-2.48	-1.34	-0.74	-0.7	-0.92	-1.55
-7.93	-7.89	-8.1	-7.63	-6.21	-5.47	-5.5	-5.86	-6.16
-13.67	-13.89	-14.91	-22.33	-19.27	-13.7	-12.61	-14.09	-18.94
-17.3	-28.92	-23.72	-11.31	-5.78	-3.12	-2.07	-2.23	-3.72
-24.78	-16.69	-8	-2.96	0.13	1.99	2.7	2.49	1.34
-25.81	-12.85	-8.3	-5.91	-4.56	-4.04	-4.08	-4.43	-5.2

90	105	120	135	150	165	180	195	210
Response	Response	Response	Response	Response	Response	Response	Response	Response
-19.8	-8	-3.53	-1.02	0.44	1.16	1.25	0.74	-0.45
-9.24	-12.8	-9.9	-5.88	-3.22	-1.63	-0.85	-0.85	-1.63
-6.53	-8.12	-8.62	-7.59	-6.1	-4.98	-4.55	-4.81	-5.95
-3.24	-3.92	-5.43	-7.74	-10.38	-12.86	-14.2	-13.91	-13.1
-2.78	-2.62	-3.43	-4.54	-5.14	-5.85	-6.44	-6.91	-7.06
-3.57	-2.87	-2.78	-2.91	-2.26	-1.71	-1.58	-1.71	-2.06
-4.3	-3.37	-3.33	-2.93	-1.68	-1.13	-1.17	-1.43	-1.97
-6.84	-7.47	-7.76	-7.27	-5.58	-4.59	-4.58	-5.03	-5.67
-13.45	-14.46	-14.52	-18.4	-14.21	-10.21	-9.33	-10.72	-14.57
-15.24	-26.09	-29.2	-12.4	-5.94	-2.88	-1.7	-1.88	-3.43
-21.32	-14.88	-7.1	-2.33	0.65	2.42	3.07	2.83	1.67
-21.31	-12.27	-8.25	-6.05	-4.82	-4.31	-4.28	-4.56	-5.33

90	105	120	135	150	165	180	195	210
Response	Response	Response	Response	Response	Response	Response	Response	Response
-20.41	-7.86	-3.28	-0.72	0.77	1.51	1.63	1.14	-0.03
-9.32	-15.91	-11.07	-5.93	-3.05	-1.37	-0.55	-0.56	-1.39
-4.3	-6.32	-8.47	-9.1	-7.85	-6.32	-5.43	-5.37	-6.21
-3.01	-3.69	-5.07	-7.2	-9.92	-12.9	-14.92	-14.97	-13.87
-1.97	-2.01	-2.89	-4.35	-5.37	-6.13	-6.5	-6.56	-6.34
-2.02	-1.74	-1.82	-2.24	-1.93	-1.46	-1.3	-1.32	-1.57
-3.37	-2.96	-3.05	-2.83	-1.8	-1.48	-1.74	-2.04	-2.52
-6.46	-7.61	-8.03	-7.54	-5.72	-4.67	-4.68	-5.27	-6.1
-11.97	-16.29	-15.3	-17.96	-12.52	-8.55	-7.62	-8.73	-11.96
-14.21	-29.09	-23.07	-11.68	-5.34	-2.2	-0.97	-1.14	-2.6
-15.41	-14.89	-7.48	-2.58	0.43	2.24	2.95	2.76	1.65
-16.48	-11.03	-8.11	-6.42	-5.46	-5.01	-4.96	-5.21	-5.91

90	105	120	135	150	165	180	195	210
Response	Response	Response	Response	Response	Response	Response	Response	Response
-18.83	-8.72	-4.53	-2.16	-0.79	-0.13	-0.1	-0.67	-1.95
-10.99	-21.62	-13.19	-7.12	-3.92	-2.16	-1.31	-1.27	-2
-5.06	-7.78	-11.81	-13.22	-9.77	-6.92	-5.52	-5.19	-5.7
-3.32	-3.96	-5.54	-8.11	-11.33	-14.34	-16	-15.84	-14.11

-1.57	-1.72	-2.77	-4.35	-5.6	-6.22	-6.34	-6.18	-5.92
-1.91	-1.91	-2.16	-2.89	-2.86	-2.38	-2.11	-1.98	-1.96
-4.02	-4.16	-4.57	-5.02	-3.91	-3.29	-3.2	-3.1	-3.17
-7.61	-11.22	-12.65	-12.05	-9.01	-7.57	-7.58	-8.14	-8.78
-12.56	-25.17	-20.57	-18.38	-10.7	-7.42	-6.67	-7.55	-10.26
-15.35	-27.46	-17.61	-10.29	-5.04	-2.25	-1.15	-1.38	-2.87
-24.48	-20.55	-10.88	-5.5	-2.19	-0.22	0.52	0.29	-0.88
-14.45	-11.75	-9.78	-8.52	-7.57	-7.11	-7.13	-7.39	-8.07

90	105	120	135	150	165	180	195	210
Response	Response	Response	Response	Response	Response	Response	Response	Response
-2.09	-2.91	-4.5	-7.22	-12.19	-28.16	-15.38	-8.69	-5.34
-2.17	-2.15	-2.65	-3.64	-5.53	-8.81	-14.03	-13.1	-7.55
-5.34	-5.01	-5.18	-6.03	-7.68	-10.22	-13.22	-11.78	-7.45
-10.5	-9.5	-9.27	-10.02	-11.25	-12.32	-13.02	-13.03	-11.47
-16.61	-17.66	-20.25	-23.72	-20.84	-16.44	-13.48	-11.53	-10.4
-6.99	-7.85	-9.55	-12.39	-17.73	-32.6	-16.08	-11.05	-8.89
-2.53	-3.14	-4.15	-5.91	-9.77	-20.21	-17.67	-9.22	-5.44
-0.23	-0.11	-0.31	-1.35	-4.01	-9.71	-22.17	-9.5	-4.43
0.23	-0.03	-0.91	-2.28	-5.26	-11.63	-16.74	-7.63	-3.32
-0.57	-0.25	-0.15	-0.65	-2.43	-6.27	-12.67	-8.91	-3.92
-0.99	-0.59	-0.44	-1.16	-3.47	-8.86	-18	-6.6	-1.7
-0.62	-0.93	-1.86	-3.49	-6.03	-10.01	-17.59	-21.21	-12.28

90	105	120	135	150	165	180	195	210
Response	Response	Response	Response	Response	Response	Response	Response	Response
0.46	0.06	-1	-2.92	-6.21	-12.73	-27.29	-10.05	-4.97
0.12	0.02	-0.59	-1.85	-4.2	-8.72	-19.67	-11.72	-5.33
-0.45	-0.47	-0.98	-2.13	-4.35	-8.55	-16.1	-9.98	-4.31
-3.47	-3.09	-2.92	-3.5	-5.15	-8.14	-13.11	-14.49	-8.42
-8.81	-8.42	-7.95	-8.11	-9.21	-11.15	-13.21	-13.39	-10.92
-12.46	-17.6	-30.96	-29.89	-22.48	-17.8	-14.11	-11.72	-10.51
-6.58	-7.84	-8.87	-10.54	-15.08	-28.65	-14.96	-9.24	-6.19
-3.66	-3.48	-3.24	-3.98	-6.92	-14.6	-18.23	-8.1	-3.87
-2.5	-2.53	-3.13	-4.14	-7.07	-14.62	-15	-6.52	-2.57
-3.38	-2.78	-2.24	-2.42	-4.18	-8.63	-15.82	-8.22	-3.25
-2.87	-2.16	-1.61	-2	-4.03	-9.02	-18.28	-7.23	-2.14
-1.63	-1.95	-2.95	-4.66	-7.25	-11.32	-18.57	-19.01	-12.37

90	105	120	135	150	165	180	195	210
Response	Response	Response	Response	Response	Response	Response	Response	Response
1.25	0.74	-0.45	-2.56	-6.21	-13.97	-19.8	-8	-3.53
-0.06	-0.15	-0.8	-2.13	-4.62	-9.07	-17.03	-12.03	-6.08
-0.08	-0.19	-0.85	-2.2	-4.69	-9.13	-15.48	-9.9	-4.68
-1.28	-1.06	-1.32	-2.32	-4.31	-7.86	-13.64	-12.92	-6.95

-5.94	-5.29	-5.22	-5.87	-7.53	-10.05	-12.73	-12.69	-9.84
-15.76	-16.69	-14.51	-13.54	-13.91	-14.25	-13.1	-11.26	-9.97
-14.04	-15.34	-14.87	-15.22	-19.75	-24.66	-14	-9.1	-6.45
-6.1	-5.56	-4.89	-5.39	-8.3	-16.79	-17.85	-8.12	-4.2
-3.78	-3.83	-4.29	-4.9	-7.44	-15.36	-16.07	-6.77	-2.82
-4.22	-3.57	-3.13	-3.21	-4.84	-9.52	-18.37	-8.52	-3.38
-2.53	-1.96	-1.58	-2.08	-4.22	-9.57	-18.93	-6.96	-2.01
-2.47	-2.87	-3.93	-5.65	-8.11	-12.07	-19.94	-21.3	-13.32

90	105	120	135	150	165	180	195	210
Response	Response	Response	Response	Response	Response	Response	Response	Response
1.63	1.14	-0.03	-2.1	-5.67	-13.15	-20.41	-7.86	-3.28
0.27	0.31	-0.29	-1.66	-4.08	-8.1	-16.42	-14	-6.86
-0.19	-0.15	-0.7	-1.99	-4.38	-8.5	-15.64	-12.56	-6.4
-1.08	-0.74	-1.04	-2.07	-4.13	-7.62	-13.17	-13.64	-7.72
-5.03	-4.19	-4.08	-4.79	-6.48	-9.21	-12.8	-14.46	-11.14
-12.89	-11.38	-10.24	-10.17	-11.27	-12.71	-13.02	-11.87	-10.52
-20.3	-15.72	-14.5	-14.6	-17.23	-20.45	-14.2	-9.62	-7.06
-8.95	-7.94	-6.77	-6.93	-9.65	-18.3	-17.35	-8.55	-4.8
-5.75	-5.68	-5.98	-6.23	-8.53	-16.35	-17.64	-7.78	-3.75
-4.76	-4.17	-3.93	-3.92	-5.26	-9.52	-19.13	-9.75	-4.36
-3.04	-2.55	-2.18	-2.67	-4.77	-10.02	-20.64	-7.82	-2.75
-4.19	-4.59	-5.71	-7.26	-9.34	-12.58	-18.47	-22.11	-15.77

90	105	120	135	150	165	180	195	210
Response	Response	Response	Response	Response	Response	Response	Response	Response
-0.1	-0.67	-1.95	-4.18	-8.06	-16.75	-18.83	-8.72	-4.53
-0.23	0.08	-0.22	-1.23	-3.16	-6.67	-14.4	-18.58	-8.13
-0.62	-0.18	-0.43	-1.5	-3.68	-7.65	-16.67	-15.02	-7.15
-2.33	-1.4	-1.14	-1.79	-3.46	-6.57	-12.71	-29.91	-10.88
-5.3	-3.72	-3.03	-3.38	-5.03	-8.16	-14.59	-28.02	-12.1
-11.29	-8.36	-6.63	-6.34	-7.3	-9.4	-13.33	-18.72	-15.31
-15.08	-11.1	-9.72	-9.4	-9.97	-12.08	-14.88	-13.65	-10.23
-11.73	-10.18	-8.78	-8.63	-10.22	-13.9	-15.54	-10.68	-7.19
-8.68	-8.6	-9.05	-9.36	-11.76	-19.86	-17.9	-9.69	-6.02
-7.29	-7.05	-7.71	-7.9	-9.37	-14.55	-17.85	-9.29	-5.4
-5.66	-5.72	-5.67	-6.15	-8.1	-12.91	-15.09	-8.23	-4.42
-9.58	-9.75	-10.37	-11.51	-13.56	-16.7	-19.59	-18.76	-16.26

90	105	120	135	150	165	180	195	210
Response	Response	Response	Response	Response	Response	Response	Response	Response
-1.89	-1.89	-1.89	-1.89	-1.89	-1.89	-1.89	-1.89	-1.89
-1.46	-1.74	-2.09	-2.44	-2.93	-3.34	-3.45	-3.16	-2.47
-2.8	-3.45	-4.46	-5.9	-7.57	-8.84	-9.03	-7.63	-5.44
-1.32	-1.19	-1.81	-3.11	-4.71	-6.19	-7.38	-8.2	-8.11

0.2	0.71	0.34	-0.09	-0.2	-0.32	-0.56	-1.09	-1.97
0.35	1.02	0.69	0.29	0.45	0.62	0.55	0.36	-0.02
0.44	0.73	0.06	-0.41	-0.4	-0.46	-0.5	-0.28	-0.06
0.66	0.89	0.58	-0.3	-1.98	-4.5	-6.55	-5.4	-2.92
0.45	0.28	-0.69	-2.25	-5.11	-9.76	-11.47	-6.71	-3.14
-0.55	-0.2	-0.1	-0.25	-0.61	-1.05	-1.26	-1.01	-0.56
-0.94	-0.28	0.68	1.66	2.49	3.17	3.5	3.62	3.55
-0.62	-0.67	-0.77	-0.96	-1.26	-1.71	-2.29	-2.75	-3.19

90	105	120	135	150	165	180	195	210
Response	Response	Response	Response	Response	Response	Response	Response	Response
0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
0.35	0.14	-0.14	-0.42	-0.69	-0.83	-0.71	-0.38	0.09
-0.13	-0.36	-0.82	-1.46	-2.32	-3.16	-3.55	-2.84	-1.52
-0.82	-0.79	-1.28	-2.57	-4.75	-8.06	-12.98	-13.34	-7.93
-1.69	-0.94	-1.25	-1.89	-2.31	-2.96	-3.79	-4.68	-5.27
-3.18	-1.99	-1.87	-1.94	-1.29	-0.8	-0.76	-0.95	-1.42
-2.4	-1.73	-1.94	-1.85	-1.16	-0.73	-0.54	-0.33	-0.27
-2.28	-2.14	-2.01	-2.42	-3.54	-4.97	-5.27	-3.82	-1.86
-2.18	-2.22	-2.85	-4.07	-6.82	-11.12	-10.64	-5.82	-2.47
-3.21	-2.77	-2.21	-1.89	-1.89	-2.04	-1.89	-1.26	-0.47
-2.84	-2.01	-0.71	0.56	1.54	2.32	2.73	2.93	2.95
-1.61	-1.61	-1.83	-2.23	-2.69	-3.3	-3.93	-4.28	-4.44

90	105	120	135	150	165	180	195	210
Response	Response	Response	Response	Response	Response	Response	Response	Response
1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29
0.44	0.08	-0.29	-0.6	-0.86	-0.91	-0.74	-0.53	-0.3
0.81	0.46	-0.18	-1.1	-2.33	-3.57	-4.21	-3.64	-2.26
0.86	0.75	0.1	-1.22	-3.35	-6.67	-10.9	-10.38	-6.01
-1.07	-0.74	-1.22	-2.15	-3.16	-4.45	-5.53	-5.89	-5.22
-3.31	-2.7	-2.49	-2.55	-1.97	-1.47	-1.29	-1.25	-1.41
-3.86	-3.1	-3.03	-2.68	-1.62	-1.11	-0.95	-0.74	-0.65
-3.44	-3.4	-3.08	-3.22	-3.72	-4.34	-4.38	-3.3	-1.86
-3.34	-3.47	-3.89	-4.71	-6.61	-9.05	-8.5	-5.3	-2.54
-3.89	-3.54	-3.12	-2.72	-2.35	-2.03	-1.61	-1.03	-0.39
-2.48	-1.74	-0.51	0.81	1.87	2.69	3.09	3.27	3.22
-2.42	-2.4	-2.56	-2.83	-3.15	-3.64	-4.16	-4.47	-4.69

90	105	120	135	150	165	180	195	210
Response	Response	Response	Response	Response	Response	Response	Response	Response
1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66
0.72	0.41	0.06	-0.28	-0.52	-0.53	-0.44	-0.37	-0.31
1.23	0.79	-0.02	-1.22	-2.77	-4.27	-5.04	-4.61	-3.29
1.07	1.04	0.41	-0.91	-3.12	-6.49	-10.95	-11.24	-6.78
-0.22	0.05	-0.44	-1.55	-2.88	-4.39	-5.58	-5.91	-5.1

-1.68	-1.3	-1.23	-1.59	-1.45	-1.14	-1.01	-0.96	-1.05
-3.28	-2.73	-2.75	-2.55	-1.67	-1.42	-1.5	-1.34	-1.21
-4.52	-4.76	-4.34	-4.22	-4.24	-4.48	-4.45	-3.6	-2.39
-4.82	-5.31	-5.5	-5.95	-7.07	-7.88	-7.21	-5.22	-3.14
-4.29	-4.15	-3.87	-3.25	-2.29	-1.46	-0.91	-0.58	-0.38
-2.79	-2.3	-1.06	0.39	1.58	2.49	2.96	3.13	3
-3.94	-3.7	-3.73	-3.81	-3.97	-4.31	-4.77	-5.12	-5.48

90	105	120	135	150	165	180	195	210
Response	Response	Response	Response	Response	Response	Response	Response	Response
-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04
0.12	0.11	0	-0.23	-0.51	-0.84	-1.1	-1.19	-1.05
0.72	0.51	-0.12	-1.22	-2.73	-4.26	-5.2	-4.76	-3.36
0.21	0.52	0.2	-0.88	-2.81	-5.9	-11.04	-15.68	-9.19
-0.04	0.41	0.11	-0.83	-2.29	-4.07	-5.74	-6.15	-4.98
-1.43	-1.02	-0.84	-1.27	-1.52	-1.6	-1.8	-1.89	-1.76
-3.69	-3.36	-3.41	-3.66	-2.95	-2.75	-2.92	-2.73	-2.39
-6.19	-7.66	-7.29	-7	-6.56	-6.66	-6.94	-6.21	-4.9
-7.19	-8.51	-8.75	-8.84	-8.19	-7.18	-6.36	-5.48	-4.63
-6.66	-7.01	-7.28	-5.92	-3.68	-2.01	-1.06	-0.73	-0.94
-5.61	-5.58	-4.53	-2.8	-1.2	0.01	0.64	0.86	0.71
-8.35	-7.63	-7.06	-6.75	-6.59	-6.66	-6.89	-7.08	-7.46

225	240	255	270	285	300	315	330	345
Response	Response	Response	Response	Response	Response	Response	Response	Response
-7.22	-12.19	-28.16	-15.38	-8.69	-5.34	-3.4	-2.32	-1.9
-5.47	-8.05	-12.5	-14.38	-9.16	-5.24	-2.82	-1.34	-0.51
-11.46	-15.36	-15.68	-9.91	-5.99	-3.48	-1.86	-1.01	-0.7
-11.19	-11.13	-9.92	-8.07	-6.45	-5.09	-3.95	-3.2	-2.76
-4.17	-5.45	-5.69	-5.85	-6.46	-6.36	-5.43	-4.62	-4.32
-1.78	-3.01	-3.21	-3.45	-4.78	-4.93	-3.76	-2.85	-2.39
-2.75	-3.48	-2.76	-3.17	-4.81	-4.29	-2.67	-1.65	-1.18
-8.84	-8.49	-6.18	-4.77	-5.46	-5.39	-3.68	-2.31	-1.65
-23.72	-15.45	-9.68	-8.17	-7.69	-6.37	-4.58	-3.59	-3.35
-6.61	-13.7	-15.62	-12.26	-10.8	-7.79	-4.75	-3	-2.36
-0.35	-4.5	-12.43	-15.55	-7	-2.55	0.12	1.59	2.08
-5.46	-8.33	-13.58	-23.87	-14.13	-8.9	-6.25	-4.68	-3.7

225	240	255	270	285	300	315	330	345
Response	Response	Response	Response	Response	Response	Response	Response	Response
-2.92	-6.21	-12.73	-27.29	-10.05	-4.97	-2.21	-0.59	0.25
-3	-5.99	-11.94	-32.32	-10.59	-5.18	-2.3	-0.62	0.31
-7.27	-13.02	-24.49	-10.01	-4.96	-2.18	-0.47	0.41	0.71

-19.29	-21.99	-13.76	-8.8	-5.96	-3.74	-2.19	-1.3	-0.96
-7.88	-7.11	-5.07	-4.16	-3.96	-3	-1.8	-0.98	-0.61
-3.05	-3.58	-2.62	-2.3	-3.1	-2.71	-1.47	-0.41	0.25
-2.73	-3.16	-2.16	-2.71	-4.24	-3.24	-1.37	-0.13	0.49
-6.57	-6.38	-4.63	-3.73	-4.7	-4.65	-2.84	-1.26	-0.34
-34.33	-14.02	-8.88	-7.28	-6.58	-5.3	-3.49	-2.31	-1.9
-7.32	-15.29	-14.99	-11.02	-9.21	-6.4	-3.8	-2.25	-1.66
-1.03	-5.22	-13.18	-15.36	-7.24	-2.89	-0.22	1.22	1.72
-6.6	-8.88	-12.64	-18.27	-19.04	-13.81	-10.58	-8.73	-7.48

225	240	255	270	285	300	315	330	345
Response	Response	Response	Response	Response	Response	Response	Response	Response
-2.56	-6.21	-13.97	-19.8	-8	-3.53	-1.02	0.44	1.16
-3.37	-6.51	-12.97	-21.19	-9.47	-4.72	-2.04	-0.37	0.63
-8.65	-14.78	-18.29	-9.35	-5.01	-2.45	-0.8	0.21	0.62
-12.28	-10.77	-8.12	-5.71	-4.02	-2.53	-1.33	-0.65	-0.39
-6.58	-4.93	-3.04	-2.25	-2.06	-1.3	-0.26	0.41	0.7
-2.69	-2.9	-1.87	-1.43	-2.13	-1.83	-0.57	0.52	1.25
-3.03	-3.27	-2.03	-2.39	-3.69	-2.66	-0.69	0.7	1.39
-6.51	-6.64	-4.89	-3.94	-5.03	-4.88	-2.8	-0.97	0.12
-24.53	-14.88	-9.18	-7.63	-6.97	-5.61	-3.58	-2.2	-1.71
-7.09	-16.79	-17.09	-11.92	-9.97	-6.93	-4.13	-2.36	-1.58
-0.68	-4.93	-13.1	-14.92	-6.84	-2.55	0.08	1.52	2.01
-6.72	-9.13	-13.12	-19.71	-19.98	-14.41	-11.41	-9.58	-8.35

225	240	255	270	285	300	315	330	345
Response	Response	Response	Response	Response	Response	Response	Response	Response
-2.1	-5.67	-13.15	-20.41	-7.86	-3.28	-0.72	0.77	1.51
-3.22	-6.56	-13.32	-17.41	-7.96	-3.67	-1.26	0.23	1.07
-8.36	-13.19	-18.27	-10.16	-5.59	-2.92	-1.14	0.02	0.54
-11.89	-9.22	-6.45	-4.34	-2.97	-1.89	-1.01	-0.54	-0.45
-5.66	-4.05	-2.26	-1.48	-1.3	-0.66	0.2	0.73	1
-2.21	-2.52	-1.64	-1.25	-2.06	-1.87	-0.57	0.58	1.33
-3.46	-3.57	-2.15	-2.27	-3.41	-2.35	-0.35	0.93	1.58
-7.35	-7.77	-5.73	-4.6	-5.61	-5.22	-2.8	-0.75	0.42
-19.61	-17.15	-10.61	-8.79	-7.64	-6.05	-3.76	-2.11	-1.43
-6.04	-14.31	-22.83	-14.92	-12.17	-8.3	-4.96	-2.85	-1.78
-0.61	-4.61	-11.87	-15.59	-7.44	-2.98	-0.26	1.23	1.77
-7.08	-9.03	-12.09	-17.3	-26.94	-24.48	-18.92	-15.53	-13.44

225	240	255	270	285	300	315	330	345
Response	Response	Response	Response	Response	Response	Response	Response	Response
-4.18	-8.06	-16.75	-18.83	-8.72	-4.53	-2.16	-0.79	-0.13
-3.63	-6.59	-12.02	-17.47	-9.98	-5.41	-2.81	-1.21	-0.29
-7.2	-9.38	-11.01	-9.36	-6.62	-4.37	-2.66	-1.49	-0.9
-12.2	-9.93	-7.44	-5.61	-4.48	-3.61	-2.82	-2.21	-1.8



-5.54	-4.65	-3.5	-3.23	-3.64	-3.43	-2.65	-2.02	-1.54
-2.28	-2.64	-2.11	-2.09	-3.41	-3.83	-2.74	-1.49	-0.55
-3.82	-4.05	-2.94	-3.2	-4.61	-4.07	-2.3	-0.86	0.01
-10.03	-10.29	-7.68	-6.02	-6.56	-6.27	-4	-1.91	-0.67
-16.24	-27.43	-13.77	-9.45	-7.48	-6.29	-4.22	-2.59	-1.88
-6.11	-12.07	-16.12	-13.18	-10.51	-7.84	-5.3	-3.6	-2.68
-3.15	-6.55	-9.54	-8.79	-5.85	-3.17	-1.3	-0.31	0
-9.11	-10.41	-11.91	-13.72	-15.52	-16.99	-17.78	-18.89	-20.79

225	240	255	270	285	300	315	330	345
Response	Response	Response	Response	Response	Response	Response	Response	Response
-3.4	-2.32	-1.9	-2.09	-2.91	-4.5	-7.22	-12.19	-28.16
-4	-1.83	-0.54	0.03	-0.03	-0.76	-2.17	-4.46	-8.12
-3.98	-1.78	-0.48	-0.01	-0.24	-1.2	-3	-5.91	-9.72
-8.65	-5.85	-3.98	-3.13	-3.05	-3.61	-4.97	-7.42	-11.14
-9.51	-8.29	-7.31	-7.22	-7.83	-8.92	-10.8	-13.55	-15.83
-8.47	-9.09	-9.64	-10.59	-12.32	-13.6	-14.96	-16.98	-17.29
-3.44	-2.49	-2.13	-2.31	-3.55	-5.89	-9.01	-12.63	-14.52
-2.04	-1.09	-0.9	-1.23	-2.18	-3.53	-5.08	-7	-8.82
-1.05	0.27	1.09	1.04	-0.04	-1.6	-3.67	-6.68	-9.62
-1.44	-0.62	-1.03	-1.88	-2.21	-2.34	-3.39	-5.72	-9.15
0.76	1.83	1.99	1.7	1.19	0.25	-1.66	-5.19	-10.05
-8.33	-6.09	-4.87	-4.57	-5.02	-6.33	-8.83	-13.21	-24.5

225	240	255	270	285	300	315	330	345
Response	Response	Response	Response	Response	Response	Response	Response	Response
-2.21	-0.59	0.25	0.46	0.06	-1	-2.92	-6.21	-12.73
-2.06	-0.22	0.7	0.94	0.57	-0.43	-2.2	-5.21	-10.68
-1.03	0.88	1.82	1.96	1.46	0.24	-1.93	-5.59	-10.97
-4.19	-1.59	-0.36	-0.08	-0.43	-1.46	-3.57	-7.32	-13.84
-7.8	-5.42	-4.52	-4.78	-5.4	-6.7	-9.5	-14.37	-21.23
-10.05	-9.32	-9.05	-10.15	-11.1	-12.03	-15.3	-22.11	-22.3
-4.58	-3.87	-3.7	-4.06	-5.58	-8.15	-10.88	-13.42	-15.12
-1.64	-0.72	-0.69	-1.23	-2.42	-4.06	-5.8	-7.87	-10.39
-0.38	0.89	1.59	1.37	0.11	-1.44	-3.41	-6.39	-9.83
-0.8	0.06	-0.27	-1.1	-1.5	-1.71	-2.79	-5.14	-8.75
0.42	1.63	1.96	1.85	1.52	0.75	-0.88	-3.83	-7.77
-8.97	-7.13	-6.28	-6.21	-6.67	-7.98	-10.4	-14.41	-22.82

225	240	255	270	285	300	315	330	345
Response	Response	Response	Response	Response	Response	Response	Response	Response
-1.02	0.44	1.16	1.25	0.74	-0.45	-2.56	-6.21	-13.97
-2.88	-1.08	-0.18	0.04	-0.33	-1.33	-3.08	-6.22	-12.14
-1.59	0.18	1.05	1.16	0.62	-0.59	-2.65	-6.15	-11.01
-3.17	-0.87	0.22	0.38	-0.08	-1.21	-3.46	-7.45	-15.3

-6.75	-4.61	-3.73	-3.9	-4.38	-5.39	-7.61	-11.41	-16.72
-8.88	-7.65	-7.18	-8	-8.43	-9.1	-12.01	-17.84	-26.65
-5.14	-4.8	-5.17	-6.12	-8.51	-12.62	-17.41	-20.91	-21.89
-2.21	-1.55	-1.84	-2.67	-4.12	-6.03	-7.96	-10.15	-12.95
-0.79	0.35	0.97	0.62	-0.88	-2.68	-4.9	-8.31	-12.43
-0.92	-0.14	-0.66	-1.59	-2.08	-2.35	-3.5	-6	-9.92
0.51	1.65	1.94	1.79	1.39	0.53	-1.22	-4.46	-9.02
-9.5	-7.47	-6.69	-6.75	-7.51	-9.06	-11.76	-15.81	-23.64

225	240	255	270	285	300	315	330	345
Response	Response	Response	Response	Response	Response	Response	Response	Response
-0.72	0.77	1.51	1.63	1.14	-0.03	-2.1	-5.67	-13.15
-3.21	-1.06	0.1	0.46	0.15	-0.86	-2.67	-5.68	-11.25
-2.89	-0.87	0.1	0.22	-0.36	-1.6	-3.66	-7.03	-11.76
-3.83	-1.43	-0.21	-0.01	-0.53	-1.78	-4.03	-7.78	-14.54
-7.36	-4.69	-3.45	-3.37	-3.77	-4.77	-6.96	-10.56	-15.45
-9.06	-7.24	-6.3	-6.74	-7.27	-8.34	-11.65	-17.78	-25.9
-5.8	-5.44	-5.7	-6.84	-9.51	-14.08	-19.39	-22.68	-22.51
-3.01	-2.57	-3.12	-4.16	-5.69	-7.52	-9.26	-11.13	-13.6
-1.83	-0.86	-0.3	-0.72	-2.41	-4.28	-6.35	-9.51	-13.18
-1.86	-1.11	-1.63	-2.5	-2.84	-2.98	-3.99	-6.18	-9.48
-0.21	0.86	1.08	0.92	0.58	-0.22	-1.96	-5.24	-9.76
-11.98	-9.81	-8.89	-9	-9.94	-11.62	-14.21	-17.92	-23.19

225	240	255	270	285	300	315	330	345
Response	Response	Response	Response	Response	Response	Response	Response	Response
-2.16	-0.79	-0.13	-0.1	-0.67	-1.95	-4.18	-8.06	-16.75
-3.89	-1.52	-0.2	0.33	0.17	-0.65	-2.15	-4.54	-8.6
-3.38	-1.3	-0.27	-0.12	-0.62	-1.74	-3.59	-6.56	-10.41
-5.53	-2.74	-1.37	-1.08	-1.53	-2.71	-4.66	-7.67	-12.32
-7.09	-4.39	-3.28	-3.33	-3.89	-4.96	-7.07	-10.61	-15.32
-10.28	-7.18	-6.11	-6.69	-7.59	-9.03	-12.24	-16.39	-20.47
-8.07	-6.96	-7	-8.77	-12.72	-19.39	-23.76	-22.25	-23.32
-5.32	-4.81	-5.61	-7.36	-9.83	-13.45	-16.63	-18.25	-21.03
-4.39	-3.57	-3.03	-3.78	-6.04	-8.04	-10.25	-14.13	-19.45
-3.79	-3.76	-4.83	-5.97	-6.39	-6.42	-7.74	-10.91	-17.17
-2.45	-1.78	-1.97	-2.41	-3	-4.2	-6.64	-11.04	-17.33
-14.5	-13.85	-14.33	-15.76	-17.94	-20.85	-24.76	-30.79	-48.91

225	240	255	270	285	300	315	330	345
Response	Response	Response	Response	Response	Response	Response	Response	Response
-1.89	-1.89	-1.89	-1.89	-1.89	-1.89	-1.89	-1.89	-1.89
-1.66	-0.9	-0.27	0.18	0.47	0.56	0.53	0.38	0.18
-3.27	-1.59	-0.35	0.41	0.78	0.82	0.62	0.2	-0.18
-6.73	-4.72	-2.99	-1.92	-1.42	-1.28	-1.42	-1.81	-2.17

-3.06	-3.63	-3.42	-3.47	-4.08	-4.44	-4.32	-4.1	-4.02
-0.93	-2.05	-2.32	-2.68	-4.07	-4.38	-3.45	-2.69	-2.25
-0.07	0.05	0.58	0.29	-1.12	-2	-1.76	-1.32	-0.98
-1.21	-0.36	0.23	0.36	-0.51	-1.35	-1.32	-1.04	-0.89
-1.03	0.39	1.44	1.53	0.65	-0.35	-1.09	-1.85	-2.43
-0.28	-0.42	-0.88	-1.5	-1.64	-1.25	-1.01	-1.14	-1.54
3.25	2.74	2.14	1.78	1.81	2.08	2.33	2.42	2.34
-3.65	-4.05	-4.32	-4.52	-4.52	-4.42	-4.34	-4.11	-3.66

225	240	255	270	285	300	315	330	345
Response	Response	Response	Response	Response	Response	Response	Response	Response
0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46
0.5	0.8	0.93	0.94	0.89	0.82	0.76	0.68	0.64
-0.1	1.06	1.83	2.22	2.36	2.21	1.87	1.38	1
-4.06	-1.55	-0.17	0.47	0.64	0.55	0.19	-0.33	-0.74
-4.83	-3.18	-1.78	-1.45	-1.61	-1.46	-1.12	-0.79	-0.57
-2.26	-2.55	-1.73	-1.64	-2.46	-2.23	-1.29	-0.38	0.28
-0.55	-0.49	0.14	-0.32	-1.85	-2.02	-0.91	0.06	0.61
-0.43	0.32	0.78	0.71	-0.4	-1.34	-1.06	-0.4	0.07
-0.38	1.02	1.96	1.92	0.96	0.05	-0.44	-0.87	-1.25
0.08	0.19	-0.13	-0.68	-0.82	-0.44	-0.25	-0.45	-0.88
2.77	2.44	2.09	1.93	2.06	2.31	2.48	2.4	2.18
-4.62	-4.91	-5.37	-5.95	-6.43	-6.97	-7.48	-7.69	-7.35

225	240	255	270	285	300	315	330	345
Response	Response	Response	Response	Response	Response	Response	Response	Response
1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29
-0.1	0.01	0.04	0.07	0.17	0.31	0.48	0.64	0.85
-0.81	0.32	1.1	1.53	1.67	1.59	1.38	1.12	0.91
-2.67	-0.44	0.82	1.34	1.4	1.19	0.74	0.18	-0.25
-3.66	-1.76	-0.36	0.01	-0.06	0.13	0.47	0.68	0.78
-1.76	-1.64	-0.75	-0.56	-1.22	-1.08	-0.27	0.59	1.26
-0.95	-0.96	-0.31	-0.86	-2.45	-2.24	-0.6	0.73	1.41
-0.84	-0.38	-0.09	-0.25	-1.54	-2.4	-1.64	-0.48	0.33
-0.77	0.48	1.37	1.23	0.08	-0.89	-1.18	-1.25	-1.35
0.02	-0.05	-0.56	-1.2	-1.42	-1.05	-0.79	-0.8	-0.98
2.96	2.51	2.08	1.89	1.99	2.27	2.49	2.49	2.34
-4.88	-5.21	-5.8	-6.54	-7.27	-7.95	-8.57	-8.65	-8.22

225	240	255	270	285	300	315	330	345
Response	Response	Response	Response	Response	Response	Response	Response	Response
1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.66
-0.2	0.02	0.29	0.53	0.78	0.97	1.1	1.22	1.32
-1.8	-0.63	0.16	0.6	0.78	0.8	0.79	0.8	0.79
-3.2	-0.76	0.72	1.35	1.43	1.18	0.75	0.21	-0.29
-3.42	-1.35	0.19	0.69	0.65	0.76	0.96	1.04	1.09

-1.39	-1.26	-0.36	-0.17	-0.92	-0.99	-0.25	0.65	1.34
-1.47	-1.39	-0.56	-0.97	-2.46	-2.07	-0.3	0.94	1.59
-1.65	-1.42	-1.22	-1.37	-2.64	-3.21	-1.91	-0.37	0.59
-1.75	-0.76	0.08	-0.09	-1.27	-2.07	-1.85	-1.38	-1.15
-0.46	-0.91	-1.6	-2.26	-2.36	-1.86	-1.44	-1.2	-1.1
2.6	1.95	1.29	1.02	1.22	1.63	1.98	2.11	2.06
-5.86	-6.4	-7.19	-8.4	-9.86	-11.4	-12.95	-13.55	-13.01

225	240	255	270	285	300	315	330	345
Response	Response	Response	Response	Response	Response	Response	Response	Response
-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04
-0.75	-0.35	0.08	0.4	0.57	0.6	0.54	0.45	0.3
-1.87	-0.68	0.08	0.37	0.35	0.15	-0.09	-0.31	-0.44
-4.69	-1.98	-0.41	0.23	0.25	-0.13	-0.63	-1.13	-1.44
-3.23	-1.51	-0.38	-0.27	-0.75	-1.12	-1.31	-1.46	-1.36
-1.64	-1.33	-0.66	-0.8	-2	-2.68	-2.28	-1.35	-0.51
-2.43	-2.26	-1.5	-2.14	-3.99	-3.94	-2.27	-0.83	0.03
-4.05	-3.72	-3.51	-3.63	-4.88	-5.51	-3.77	-1.81	-0.63
-4.12	-3.55	-2.68	-2.74	-3.69	-4.07	-3.25	-2.29	-1.8
-1.78	-3.16	-4.52	-5.21	-4.97	-4.06	-3.34	-2.86	-2.53
0.23	-0.53	-1.27	-1.51	-1.19	-0.64	-0.19	0.04	0.08
-8	-8.79	-9.94	-11.61	-13.55	-15.49	-16.99	-18.61	-20.78