

[illegible]

Time (hr)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	
Time (hr)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	
Response (hPa)	0	-10.94	-3.34	-4.55	-3.17	-2.25	-0.72	0.23	0.23	-0.35	-0.15	-0.27	-0.35	-4.07	-4.93	-4.51	-4.07	-4.51	-5.00	-4.84	-4.41	-3.11	-3.54	-3.21	-4.40	-10.75	-10.75	-11.82	-11.82	-10.65	-10.93	-11.07	-11.29	-11.39	-11.46	-24.01	-27.11	-25.48
Response (hPa)	5	-10.94	-9.85	-6.44	-4.20	-2.31	-0.76	-0.30	-0.85	-1.18	-3.82	-4.07	-4.96	-4.85	-3.54	-2.26	-3.28	-3.43	-4.38	-4.43	-3.18	-3.51	-10.51	-10.51	-12.29	-12.29	-15.82	-15.82	-10.88	-11.85	-11.73	-11.73	-14.55	-17.64	-23.21	-25.48	-25.48	
Response (hPa)	10	-10.94	-9.93	-6.95	-4.30	-2.22	-0.43	-0.15	-0.61	-0.76	-0.48	-1.14	-3.07	-4.64	-4.84	-3.22	-3.93	-3.50	-3.26	-4.08	-4.54	-12.29	-12.81	-14.04	-15.16	-15.16	-11.07	-11.07	-11.40	-13.40	-14.34	-15.40	-16.02	-22.75	-26.70	-25.48	-25.48	
Response (hPa)	15	-10.94	-10.20	-11.15	-4.48	-1.38	-0.36	0.11	-0.78	-0.38	-0.10	-0.17	-2.46	-4.46	-4.27	-1.55	-0.78	-1.53	-3.07	-3.02	-4.66	-4.12	-7.88	-12.22	-11.84	-13.88	-14.88	-10.86	-10.86	-14.04	-13.02	-16.06	-18.84	-22.21	-28.30	-25.48	-25.48	
Response (hPa)	20	-10.94	-10.14	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	-10.84	
Response (hPa)	25	-10.94	-10.70	-7.40	-4.11	-1.34	0.26	0.21	-0.65	0.17	1.85	1.70	0.16	-0.27	-2.63	-0.74	-0.33	-0.47	-0.28	-2.90	-1.18	-4.63	-4.27	-8.93	-10.12	-11.23	-9.86	-3.82	-8.42	-8.97	-11.38	-12.78	-15.45	-18.36	-20.91	-25.25	-25.48	
Response (hPa)	30	-10.94	-10.84	-7.40	-3.97	-1.14	0.46	0.34	-0.65	0.17	1.76	2.29	1.39	-0.24	-0.64	-1.71	1.82	-0.74	-1.10	-2.14	-0.44	-3.83	-5.46	-4.56	-7.71	-7.98	-8.92	-4.41	-7.46	-7.93	-8.42	-10.75	-11.82	-14.56	-17.84	-20.27	-24.78	-25.48
Response (hPa)	35	-10.94	-11.19	-7.56	-3.88	-1.00	0.52	0.37	-0.79	-0.34	1.50	2.16	1.88	0.83	1.82	1.71	0.02	-1.35	-1.80	-3.22	-5.12	-6.24	-6.52	-4.88	-7.52	-7.40	-7.70	-7.70	-7.77	-8.60	-11.21	-13.80	-17.24	-19.84	-23.84	-25.48	-25.48	
Response (hPa)	40	-10.94	-11.19	-7.56	-3.88	-1.00	0.52	0.37	-0.79	-0.34	1.50	2.16	1.88	0.83	1.82	1.71	0.02	-1.35	-1.80	-3.22	-5.12	-6.24	-6.52	-4.88	-7.52	-7.40	-7.70	-7.70	-7.77	-8.60	-11.21	-13.80	-17.24	-19.84	-23.84	-25.48	-25.48	
Response (hPa)	45	-10.94	-11.71	-7.83	-4.07	-1.30	0.05	-0.07	-1.20	-1.24	0.60	2.14	2.46	1.84	1.84	1.47	2.33	2.26	1.96	0.88	-0.88	-4.44	-4.33	-6.25	-6.91	-4.21	-6.44	-6.78	-7.73	-8.01	-10.88	-11.42	-13.41	-16.44	-19.21	-23.74	-25.48	-25.48
Response (hPa)	50	-10.94	-12.29	-8.08	-4.28	-1.88	-0.40	-0.65	-1.64	-0.21	1.33	2.49	2.91	1.75	2.51	2.36	2.24	0.88	-0.09	-1.81	-2.73	-4.07	-4.08	-5.96	-5.59	-3.41	-4.46	-4.63	-4.44	-4.44	-11.57	-12.39	-16.38	-19.30	-23.53	-25.48	-25.48	
Response (hPa)	55	-10.94	-12.23	-4.40	-4.62	-2.21	-1.22	-1.44	-2.34	-2.10	1.33	1.97	2.56	2.31	0.22	2.50	2.79	1.99	0.62	-0.57	-1.46	-3.00	-4.88	-5.68	-5.66	-4.7	-5.88	-4.47	-6.57	-7.20	-3.32	-12.18	-13.78	-14.81	-16.55	-19.86	-23.38	-25.48
Response (hPa)	60	-10.94	-12.08	-4.08	-4.08	-2.01	-2.05	-2.46	-3.23	-2.55	1.82	2.53	2.57	2.47	2.76	2.82	2.15	0.66	-0.58	-1.30	-3.28	-5.35	-6.44	-5.08	-5.38	-4.08	-4.78	-4.78	-5.13	-5.84	-3.23	-15.35	-16.86	-18.68	-19.97	-23.27	-25.48	
Response (hPa)	65	-10.94	-12.08	-4.08	-4.08	-2.01	-2.05	-2.46	-3.23	-2.55	1.82	2.53	2.57	2.47	2.76	2.82	2.15	0.66	-0.58	-1.30	-3.28	-5.35	-6.44	-5.08	-5.38	-4.08	-4.78	-4.78	-5.13	-5.84	-3.23	-15.35	-16.86	-18.68	-19.97	-23.27	-25.48	
Response (hPa)	70	-10.94	-12.07	-10.14	-4.20	-3.97	-4.40	-3.94	-4.51	-3.12	-1.16	0.87	1.81	2.32	2.37	2.76	3.03	1.52	-0.34	-0.27	-1.42	-2.72	-4.11	-5.35	-6.62	-7.86	-7.86	-7.86	-7.86	-7.86	-11.76	-14.01	-18.25	-19.82	-19.84	-23.41	-25.48	
Response (hPa)	75	-10.94	-11.98	-10.86	-4.81	-4.44	-3.93	-3.83	-3.64	-2.61	-1.11	0.37	1.42	1.89	2.07	2.39	2.88	2.50	1.63	0.48	-0.27	-0.63	-1.29	-2.54	-3.99	-5.24	-6.55	-7.77	-8.34	-4.47	-6.05	-10.88	-14.88	-17.18	-19.25	-20.18	-25.48	
Response (hPa)	80	-10.94	-14.29	-11.86	-7.50	-4.01	-3.71	-3.22	-2.58	-1.68	-0.33	0.50	1.46	1.96	2.17	2.27	2.46	2.39	1.74	0.67	-0.26	-0.78	-1.40	-2.56	-3.70	-5.24	-6.78	-7.40	-7.40	-7.40	-7.40	-11.11	-13.22	-17.56	-19.30	-23.03	-25.48	
Response (hPa)	85	-10.94	-14.29	-11.86	-7.50	-4.01	-3.71	-3.22	-2.58	-1.68	-0.33	0.50	1.46	1.96	2.17	2.27	2.46	2.39	1.74	0.67	-0.26	-0.78	-1.40	-2.56	-3.70	-5.24	-6.78	-7.40	-7.40	-7.40	-7.40	-11.11	-13.22	-17.56	-19.30	-23.03	-25.48	
Response (hPa)	90	-10.94	-14.29	-11.86	-7.50	-4.01	-3.71	-3.22	-2.58	-1.68	-0.33	0.50	1.46	1.96	2.17	2.27	2.46	2.39	1.74	0.67	-0.26	-0.78	-1.40	-2.56	-3.70	-5.24	-6.78	-7.40	-7.40	-7.40	-7.40	-11.11	-13.22	-17.56	-19.30	-23.03	-25.48	
Response (hPa)	95	-10.94	-14.29	-11.86	-7.50	-4.01	-3.71	-3.22	-2.58	-1.68	-0.33	0.50	1.46	1.96	2.17	2.27	2.46	2.39	1.74	0.67	-0.26	-0.78	-1.40	-2.56	-3.70	-5.24	-6.78	-7.40	-7.40	-7.40	-7.40	-11.11	-13.22	-17.56	-19.30	-23.03	-25.48	
Response (hPa)	100	-10.94	-14.29	-11.86	-7.50	-4.01	-3.71	-3.22	-2.58	-1.68	-0.33	0.50	1.46	1.96	2.17	2.27	2.46	2.39	1.74	0.67	-0.26	-0.78	-1.40	-2.56	-3.70	-5.24	-6.78	-7.40	-7.40	-7.40	-7.40	-11.11	-13.22	-17.56	-19.30	-23.03	-25.48	
Response (hPa)	105	-10.94	-14.29	-11.86	-7.50	-4.01	-3.71	-3.22	-2.58	-1.68	-0.33	0.50	1.46	1.96	2.17	2.27	2.46	2.39	1.74	0.67	-0.26	-0.78	-1.40	-2.56	-3.70	-5.24	-6.78	-7.40	-7.40	-7.40	-7.40	-11.11	-13.22	-17.56	-19.30	-23.03	-25.48	
Response (hPa)	110	-10.94	-14.29	-11.86	-7.50	-4.01	-3.71	-3.22	-2.58	-1.68	-0.33	0.50	1.46	1.96	2.17	2.27	2.46	2.39	1.74	0.67	-0.26	-0.78	-1.40	-2.56	-3.70	-5.24	-6.78	-7.40	-7.40	-7.40	-7.40	-11.11	-13.22	-17.56	-19.30	-23.03	-25.48	
Response (hPa)	115	-10.94	-14.29	-11.86	-7.50	-4.01	-3.71	-3.22	-2.58	-1.68	-0.33	0.50	1.46	1.96	2.17	2.27	2.46	2.39	1.74	0.67	-0.26	-0.78	-1.40	-2.56	-3.70	-5.24	-6.78	-7.40	-7.40	-7.40	-7.40	-11.11	-13.22	-17.56	-19.30	-23.03	-25.48	
Response (hPa)	120	-10.94	-14.29	-11.86	-7.50	-4.01	-3.71	-3.22	-2.58	-1.68	-0.33	0.50	1.46	1.96	2.17	2.27	2.46	2.39	1.74	0.67	-0.26	-0.78	-1.40	-2.56	-3.70	-5.24	-6.78	-7.40	-7.40	-7.40	-7.40	-11.11	-13.22	-17.56	-19.30	-23.03	-25.48	
Response (hPa)	125	-10.94	-14.29	-11.86	-7.50	-4.01	-3.71	-3.22	-2.58	-1.68	-0.33	0.50	1.46	1.96	2.17	2.27	2.46	2.39	1.74	0.67	-0.26	-0.78	-1.40	-2.56	-3.70	-5.24	-6.78	-7.40	-7.40	-7.40	-7.40	-11.11	-13.22	-17.56	-19.30	-23.03	-25.48	
Response (hPa)	130	-10.94	-14.29	-11.86	-7.50	-4.01	-3.71	-3.22	-2.58	-1.68	-0.33	0.50	1.46	1.96	2.17	2.27	2.46	2.39	1.74	0.67	-0.26	-0.78	-1.40	-2.56	-3.70	-5.24	-6.78	-7.40	-7.40	-7.40	-7.40	-11.11	-13.22	-17.56	-19.30	-23.03	-25.48	
Response (hPa)	135	-10.94	-14.29	-11.86	-7.50	-4.01	-3.71	-3.22	-2.58	-1.68	-0.33	0.50	1.46	1.96	2.17	2.27	2.46	2.39	1.74	0.67	-0.26	-0.78	-1.40	-2.56	-3.70	-5.24	-6.78	-7.40	-7.40	-7.40	-7.40	-11.11	-13.22	-17.56	-19.30	-23.03	-25.48	
Response (hPa)	140	-10.94	-14.29	-11.86	-7.50	-4.01	-3.71	-3.22	-2.58	-1.68	-0.33	0.50	1.46	1.96	2.17	2.27	2.46	2.39	1.74	0.67	-0.26	-0.78	-1.40	-2.56	-3.70	-5.24	-6.78	-7.40	-7.40	-7.40	-7.40	-11.11	-13.22	-17.56	-19.30	-23.03	-25.48	
Response (hPa)	145	-10.94	-14.29	-11.86	-7.50	-4.01	-3.71	-3.22	-2.58	-1.68	-0.33	0.50	1.46	1.96	2.17	2.27	2.46	2.39	1.74	0.67	-0.26	-0.78	-1.40	-2.56	-3.70	-5.24	-6.78	-7.40	-7.40	-7.40	-7.40	-11.11	-13.22	-17.56	-19.30	-23.03	-25.48	
Response (hPa)	150	-10.94	-14.29	-11.86	-7.50	-4.01	-3.71	-3.22	-2.58	-1.68	-0.33	0.50	1.46	1.96	2.17	2.27	2.46	2.39	1.74	0.67	-0.26	-0.78	-1.40	-2.56	-3.70	-5.24	-6.78	-7.40	-7.40	-7.40	-7.40	-11.11	-13.22	-17.56	-19.30	-23.03	-25.48	
Response (hPa)	155	-10.94	-14.29	-11.86	-7.50	-4.01	-3.71	-3.22	-2.58	-1.68	-0.33	0.50	1.46	1.96	2.17	2.27	2.46	2.39	1.74	0.67	-0.26	-0.78	-1.40	-2.56	-3.70	-5.24	-6.78	-7.40	-7.40	-7.40	-7.40	-11.11	-13.22	-17.56	-19.30	-23.03	-25.48	
Response (hPa)	160	-10.94	-14.29	-11.86	-7.50	-4.01	-3.71	-3.22	-2.58	-1.68	-0.33	0.50	1.46	1.96	2.17	2.27	2.46	2.39	1.74	0.67	-0.26	-0.78	-1.40	-2.56	-3.70	-5.24	-6.78	-7.40	-7.40	-7.40	-7.40	-11.11	-13.22	-17.56	-19.30	-23.03	-25.48	
Response (hPa)	165	-10.94	-14.29	-11.86	-7.50																																	

Doc.No.:3.8.05 Rev

6555 Theta(Angle)		0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180
Phi(Angle)	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response
0	4.55	4.54	-0.23	-4.26	-3.02	-0.83	0.38	0.90	1.17	1.40	1.60	1.80	-0.30	-3.68	-2.24	-7.53	-4.84	-4.46	-4.04	-4.33	-4.61	-4.77	-4.01	-3.87	-4.01	-3.87	-4.01	-3.87	-4.01	-3.87	-4.01	-3.87	-4.01	-3.87	-4.01	-3.87	-4.01	-3.87
5	4.55	4.56	-0.30	-4.24	-3.18	-1.23	-0.07	0.87	1.75	2.20	1.71	1.63	1.63	-0.51	-2.26	-4.23	-2.74	-4.00	-2.62	-2.51	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	
10	4.55	4.56	-0.20	-4.16	-3.41	-1.57	0.34	1.27	2.17	2.51	1.84	1.75	1.62	1.27	-0.47	-3.84	-4.02	-3.50	-4.89	-2.40	-2.59	-4.33	-3.40	-3.40	-3.40	-3.40	-3.40	-3.40	-3.40	-3.40	-3.40	-3.40	-3.40	-3.40	-3.40	-3.40	-3.40	
15	4.55	-0.07	-0.30	-4.14	-3.71	-1.82	-0.86	0.95	2.39	2.86	1.81	1.69	1.32	1.52	-0.36	-3.83	-4.13	-2.97	-4.68	-2.12	-3.51	-4.16	-2.69	-2.69	-2.69	-2.69	-2.69	-2.69	-2.69	-2.69	-2.69	-2.69	-2.69	-2.69	-2.69	-2.69	-2.69	
20	4.55	-0.76	-0.80	-4.04	-3.86	-1.82	-1.14	0.29	2.43	3.10	1.71	1.26	0.23	1.06	-0.50	-2.76	-2.10	-4.40	-4.15	-3.47	-4.21	-2.65	-2.42	-2.65	-2.42	-2.65	-2.42	-2.65	-2.42	-2.65	-2.42	-2.65	-2.42	-2.65	-2.42	-2.65	-2.42	
25	4.55	-1.68	-1.08	-4.00	-3.64	-1.57	-1.38	-0.10	2.31	3.27	1.99	-0.66	-1.12	0.81	0.14	-0.79	-2.10	-3.81	-4.63	-4.06	-2.85	-2.55	-2.80	-2.75	-2.80	-2.75	-2.80	-2.75	-2.80	-2.75	-2.80	-2.75	-2.80	-2.75	-2.80	-2.75	-2.80	
30	4.55	-1.00	-1.30	-4.00	-2.94	-1.56	-1.59	-0.59	2.03	2.71	2.25	-0.44	-0.10	-0.62	-0.80	-1.85	-1.66	-3.83	-3.64	-4.20	-3.58	-2.40	-2.58	-2.40	-2.58	-2.40	-2.58	-2.40	-2.58	-2.40	-2.58	-2.40	-2.58	-2.40	-2.58	-2.40	-2.58	
35	4.55	-0.26	-1.40	-3.96	-2.39	-1.51	-1.57	-0.44	1.74	2.04	1.57	-0.34	-0.74	-0.37	-1.07	-1.60	-2.30	-3.40	-3.40	-3.40	-2.30	-2.40	-2.30	-2.40	-2.30	-2.40	-2.30	-2.40	-2.30	-2.40	-2.30	-2.40	-2.30	-2.40	-2.30	-2.40	-2.30	-2.40
40	4.55	-1.00	-1.62	-3.92	-1.78	-1.36	-1.22	-0.76	1.92	2.39	2.24	-0.47	-1.36	-0.51	-0.62	-0.40	-0.56	-4.40	-3.14	-2.56	-2.74	-2.52	-2.44	-2.54	-2.46	-2.54	-2.46	-2.54	-2.46	-2.54	-2.46	-2.54	-2.46	-2.54	-2.46	-2.54	-2.46	
45	4.55	-0.68	-1.34	-3.47	-2.37	-2.31	-2.47	-2.33	1.73	2.02	2.34	0.57	-0.38	-0.78	1.37	1.30	0.71	0.46	1.15	0.83	-0.33	-3.18	-4.63	-2.57	-4.40	-2.57	-4.40	-2.57	-4.40	-2.57	-4.40	-2.57	-4.40	-2.57	-4.40	-2.57	-4.40	
50	4.55	-0.64	-0.88	-3.22	-3.40	-2.31	-2.61	-2.76	-4.72	1.15	1.40	0.53	0.24	1.62	2.88	2.62	1.17	1.14	1.59	0.84	-2.98	-3.73	-4.52	-2.71	-2.50	-2.71	-2.50	-2.71	-2.50	-2.71	-2.50	-2.71	-2.50	-2.71	-2.50	-2.71	-2.50	
55	4.55	-0.26	-1.10	-3.10	-2.56	-2.36	-2.91	-2.34	-1.71	1.21	1.44	0.16	0.16	1.17	2.01	2.12	1.31	1.27	1.54	1.20	-2.37	-3.40	-4.01	-2.46	-2.46	-2.46	-2.46	-2.46	-2.46	-2.46	-2.46	-2.46	-2.46	-2.46	-2.46	-2.46	-2.46	
60	4.55	-0.94	-0.91	-3.10	-2.30	-2.01	-2.35	-2.85	-2.01	-0.57	0.14	0.00	-0.07	1.05	2.44	1.74	1.16	1.32	1.10	0.92	-2.70	-3.32	-4.40	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	
65	4.55	-0.57	-1.19	-3.28	-2.10	-2.10	-1.92	-2.56	-2.25	-1.00	-0.24	0.09	-0.27	0.33	1.57	1.32	1.14	0.31	0.29	-0.80	-1.82	-2.71	-3.88	-2.46	-2.46	-2.46	-2.46	-2.46	-2.46	-2.46	-2.46	-2.46	-2.46	-2.46	-2.46	-2.46	-2.46	
70	4.55	-0.14	-1.78	-3.40	-1.36	-0.80	-1.44	-2.22	-2.10	-1.18	-0.20	0.15	-0.01	0.20	0.88	1.36	0.38	-0.35	-1.64	-2.72	-2.44	-2.64	-2.71	-3.52	-2.40	-2.71	-3.52	-2.40	-2.71	-3.52	-2.40	-2.71	-3.52	-2.40	-2.71	-3.52		
75	4.55	-0.88	-0.24	-2.58	-0.85	-0.33	-1.02	-1.86	-1.86	-0.93	0.11	0.88	0.54	-0.49	0.72	0.70	0.73	-0.53	-0.86	-1.43	-2.76	-2.74	-2.37	-4.21	-2.37	-4.21	-2.37	-4.21	-2.37	-4.21	-2.37	-4.21	-2.37	-4.21	-2.37	-4.21		
80	4.55	-0.26	-0.40	-1.80	-0.60	-0.07	-0.90	-0.75	-0.40	-0.41	0.61	1.15	1.17	1.07	1.12	1.00	0.68	-0.34	-0.54	-1.23	-1.10	-2.44	-2.44	-2.44	-2.44	-2.44	-2.44	-2.44	-2.44	-2.44	-2.44	-2.44	-2.44	-2.44	-2.44	-2.44		
85	4.55	-2.84	-0.47	-2.22	-0.36	0.33	-0.58	-0.26	-0.30	0.13	1.95	1.70	1.81	1.80	1.85	1.84	1.55	0.94	0.08	-0.64	-2.72	-2.62	-2.63	-2.47	-2.63	-2.47	-2.63	-2.47	-2.63	-2.47	-2.63	-2.47	-2.63	-2.47	-2.63	-2.47		
90	4.55	-0.76	-0.06	-0.75	0.63	0.30	-0.60	-1.11	-0.55	0.80	1.10	2.12	2.35	2.40	2.45	2.44	2.14	1.57	0.05	-0.48	-1.58	-2.46	-2.37	-2.45	-2.36	-2.45	-2.36	-2.45	-2.36	-2.45	-2.36	-2.45	-2.36	-2.45	-2.36	-2.45		
95	4.55	-2.10	-3.55	-0.40	-0.74	0.26	-0.80	-1.11	-0.32	0.58	1.84	2.29	2.62	2.94	2.95	2.62	2.17	1.65	0.33	-0.36	-1.62	-2.74	-2.39	-2.13	-2.39	-2.13	-2.39	-2.13	-2.39	-2.13	-2.39	-2.13	-2.39	-2.13	-2.39	-2.13		
100	4.55	-0.76	-1.15	-0.10	0.71	-0.48	-1.73	-1.26	-0.27	1.80	1.80	2.14	2.46	2.93	2.91	2.29	1.78	1.14	0.40	-0.58	-1.84	-2.07	-2.46	-2.50	-2.46	-2.50	-2.46	-2.50	-2.46	-2.50	-2.46	-2.50	-2.46	-2.50	-2.46	-2.50		
105	4.55	-0.85	-2.45	-0.06	0.57	-0.46	-1.73	-1.62	-0.38	1.88	1.82	1.74	1.85	2.40	2.39	1.80	0.72	0.35	0.00	-0.77	-2.72	-2.75	-2.92	-2.55	-2.92	-2.55	-2.92	-2.55	-2.92	-2.55	-2.92	-2.55	-2.92	-2.55	-2.92	-2.55		
110	4.55	-0.28	-2.65	-0.04	0.32	-1.05	-2.36	-2.07	-0.68	0.84	1.86	1.32	1.10	1.60	1.73	1.14	0.51	0.32	-0.20	-1.49	-2.76	-1.58	-2.68	-2.94	-2.56	-2.76	-2.56	-2.76	-2.56	-2.76	-2.56	-2.76	-2.56	-2.76	-2.56	-2.76		
115	4.55	-0.68	-2.54	-0.11	0.07	-1.88	-3.06	-2.95	-1.08	0.84	1.44	1.08	0.65	0.07	1.48	1.44	1.26	0.00	0.84	0.52	-0.09	-0.62	-1.71	-3.19	-2.94	-3.19	-2.94	-3.19	-2.94	-3.19	-2.94	-3.19	-2.94	-3.19	-2.94	-3.19		
120	4.55	-0.50	-2.51	-0.26	-0.30	-2.70	-2.96	-1.52	-0.17	1.11	1.01	0.68	0.13	1.61	1.86	2.00	1.68	1.11	0.54	-0.04	-0.71	-1.81	-3.40	-3.10	-3.40	-3.10	-3.40	-3.10	-3.40	-3.10	-3.40	-3.10	-3.40	-3.10	-3.40	-3.10		
125	4.55	-0.56	-2.58	-0.34	-0.36	-2.81	-2.94	-1.57	-0.24	0.84	1.17	0.88	0.43	1.17	1.32	1.34	1.14	0.33	0.40	-0.07	-0.74	-2.46	-3.40	-3.10	-3.40	-3.10	-3.40	-3.10	-3.40	-3.10	-3.40	-3.10	-3.40	-3.10	-3.40	-3.10		
130	4.55	-0.72	-2.69	-0.76	-0.33	-3.40	-2.47	-3.84	-0.28	-0.30	0.54	-0.84	1.22	1.58	1.80	1.71	1.16	0.16	-0.80	-1.93	-2.86	-2.45	-2.46	-2.86	-2.45	-2.86	-2.45	-2.86	-2.45	-2.86	-2.45	-2.86	-2.45	-2.86	-2.45			
135	4.55	-0.68	-2.80	-1.10	-1.53	-3.81	-2.11	-4.28	-0.52	-0.47	-0.17	0.24	-0.46	1.06	1.40	1.21	0.60	-0.27	-1.21	-1.16	-3.31	-2.57	-2.29	-2.54	-2.29	-2.54	-2.29	-2.54	-2.29	-2.54	-2.29	-2.54	-2.29	-2.54	-2.29			
140	4.55	-0.62	-3.13	-1.53	-1.54	-4.11	-2.56	-4.40	-0.86	-0.22	-0.56	-0.48	0.60	1.27	1.38	1.02	0.39	-0.25	-0.64	-1.62	-2.74	-3.80	-2.47	-3.40	-2.47	-3.40	-2.47	-3.40	-2.47	-3.40	-2.47	-3.40	-2.47	-3.40	-2.47			
145	4.55	-0.58	-3.44	-1.98	-2.30	-4.40	-2.88	-4.48	-0.48	-0.48	-0.31	-0.28	-0.10	1.17	1.42	1.37	0.62	-0.37	-0.64	-2.73	-3.72	-2.52	-2.50	-2.52	-2.50	-2.52	-2.50	-2.52	-2.50	-2.52	-2.50	-2.52	-2.50	-2.52	-2.50			
150	4.55	-0.58	-3.38	-2.19	-2.36	-4.41	-2.44	-2.74	-0.25	-0.48	-0.74	-0.42	-0.14	1.17	1.32	1.34	0.30	-0.40	-0.77	-2.74	-3.46	-2.98	-2.98	-2.98	-2.98	-2.98	-2.98	-2.98	-2.98	-2.98	-2.98	-2.98	-2.98	-2.98	-2.98	-2.98		
155	4.55	-0.57	-4.13	-1.11	-0.46	-4.90	-0.44	-1.78	-0.47	-0.63	-0.80	-0.80	-0.40	-0.93	-1.51	1.12	0.58	-0.17	-0.74	-4.07	-3.83	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68			
160	4.55	-0.55	-4.48	-1.74	-0.82	-5.19	-0.27	-0.44	-0.56	-0.96	-0.36	-0.29	-0.18	-0.85	-1.83	0.95	0.22	0.32	0.13	-0.28	-4.06	-3.82	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68	-2.68			
165	4.55	-0.52	-4.79	-2.46	-1.07	-5.61	-0.67	-0.55	-0.75	-0.46	-0.52	-0.19	-0.12	-0.88	-2.58	1.23	0.10	-0.27	-1.01	-2.20	-2.27	-3.44	-2.21	-3.44	-2.21	-3.44	-2.21	-3.44	-2.21	-3.44	-2.21	-3.44	-2.21	-3.44	-2.21			
170	4.55	-0.46	-5.26	-0.40	-1.80	-6.07	-0.60	-0.27	-0.53	-0.46	-0.70	-0.16	-0.16	-0.84	-2.70	1.34	0.16	-0.27	-1.01	-2.20	-2.27	-3.44	-2.21	-3.44	-2.21	-3.44	-2.21	-3.44	-2.21	-3.44	-2.2							

Ant. Position : 5G/6G Ant.4

S150 Thru-Angle	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	
Phi-Angle (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	Response (°)	
5	-7.96	-7.93	-7.93	-4.45	-3.31	0.21	0.07	1.16	1.00	0.59	0.01	-0.36	-0.52	-0.63	-0.44	0.04	0.01	0.17	-0.17	-0.74	-0.77	-0.44	-2.12	-2.51	-2.21	-0.85	-1.16	-1.78	-1.83	-2.76	-2.49	-1.93	-1.84	-1.93	-2.41	-2.14	-2.16	
10	-7.96	-7.93	-7.93	-4.45	-3.31	0.25	0.02	1.16	1.24	0.05	0.14	-0.46	-0.55	-0.43	-0.18	0.26	0.46	-0.32	-0.21	-0.40	-0.76	-0.33	-2.06	-2.39	-2.10	-0.76	-1.10	-1.73	-1.78	-2.69	-2.43	-1.87	-1.78	-1.87	-2.31	-2.01	-2.03	
15	-7.96	-7.93	-7.93	-4.45	-3.31	0.29	0.01	1.16	1.45	-0.14	0.08	0.21	0.02	0.31	0.55	0.40	0.02	-0.66	-0.29	-0.34	-0.50	-0.70	-0.44	-2.06	-2.31	-2.10	-0.76	-1.10	-1.73	-1.78	-2.69	-2.43	-1.87	-1.78	-1.87	-2.31	-2.01	-2.03
20	-7.96	-7.94	-4.31	-3.11	-2.08	0.62	0.91	1.41	1.60	1.19	0.40	0.17	0.42	0.57	0.30	-0.31	-0.26	-0.13	-0.51	-0.26	-0.41	-0.16	-1.01	-1.01	-1.01	-0.86	-1.44	-1.43	-1.43	-1.82	-1.24	-0.47	-0.23	-0.43	-0.69	-0.21	-0.26	
25	-7.96	-7.96	-4.33	-3.11	-0.24	0.50	0.68	1.23	1.58	1.28	0.46	0.01	0.18	0.25	-0.13	-0.75	-1.54	-0.62	-0.36	-0.54	-0.76	-0.91	-0.70	-1.00	-1.50	-1.44	-1.44	-1.44	-1.82	-1.24	-0.47	-0.23	-0.43	-0.69	-0.21	-0.26		
30	-7.96	-7.96	-4.37	-3.10	0.18	0.34	0.38	0.93	1.39	1.08	0.13	-0.51	-0.41	-0.40	-0.73	-1.25	-1.10	-0.29	-0.40	-0.77	-0.88	-0.46	-0.96	-1.10	-1.53	-1.44	-1.44	-1.44	-1.82	-1.24	-0.47	-0.23	-0.43	-0.69	-0.21	-0.26		
35	-7.96	-7.96	-4.39	-3.08	0.41	0.04	0.01	0.14	0.84	0.73	-0.10	-0.41	-0.31	-0.31	-0.64	-1.01	-0.86	-0.29	-0.40	-0.77	-0.88	-0.46	-0.96	-1.10	-1.53	-1.44	-1.44	-1.44	-1.82	-1.24	-0.47	-0.23	-0.43	-0.69	-0.21	-0.26		
40	-7.96	-7.96	-4.40	-3.06	0.04	-0.33	0.00	-0.61	-0.33	0.00	-0.61	-0.38	-1.05	-2.22	-2.08	-2.10	-2.07	-2.03	-2.33	-2.33	-0.41	-0.50	-1.11	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16	-1.16		
45	-7.96	-7.96	-4.57	-3.40	-0.48	-0.10	-0.24	-0.66	-0.38	0.14	-0.10	-0.55	-0.91	-0.96	-0.67	-2.24	-2.20	-2.30	-2.30	-2.30	-0.46	-0.50	-1.02	-1.02	-1.02	-1.02	-1.02	-1.02	-1.02	-1.02	-1.02	-1.02	-1.02	-1.02	-1.02	-1.02		
50	-7.96	-7.96	-4.65	-3.62	-0.34	-0.41	-0.66	-0.63	-0.36	-0.61	-1.02	-1.10	-1.35	-1.68	-2.00	-1.61	-2.01	-2.29	-2.44	-2.44	-0.38	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72		
55	-7.96	-7.96	-4.75	-3.76	-0.30	-0.50	-0.80	-0.80	-0.48	-0.80	-1.10	-1.10	-1.35	-1.68	-2.00	-1.61	-2.01	-2.29	-2.44	-2.44	-0.38	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72		
60	-7.96	-7.96	-4.85	-3.76	-0.44	-0.75	-0.84	-0.75	-1.04	-1.50	-1.10	-1.10	-1.35	-1.68	-2.00	-1.61	-2.01	-2.29	-2.44	-2.44	-0.38	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72		
65	-7.96	-7.97	-4.90	-3.13	-0.05	-0.70	-0.70	-2.37	-2.36	-1.30	-1.40	-1.17	-0.81	-0.48	0.16	0.01	-0.95	-2.45	-2.45	-2.45	-0.41	-1.17	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07		
70	-7.96	-7.96	-5.11	-3.23	-1.05	-1.10	-2.00	-3.03	-3.18	-2.24	-1.19	-0.58	0.00	0.18	0.37	0.05	-1.22	-2.80	-2.80	-2.80	-0.44	-1.17	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07		
75	-7.96	-7.96	-5.27	-3.57	-1.20	-1.31	-2.55	-3.66	-3.86	-2.46	-1.02	-0.54	-0.07	0.18	0.13	0.52	-1.08	-3.65	-3.65	-3.65	-0.44	-1.17	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07		
80	-7.96	-7.96	-5.38	-3.68	-1.10	-1.34	-2.97	-3.80	-4.34	-2.74	-1.01	-1.14	-1.14	-1.15	-1.40	-2.40	-3.66	-3.63	-3.63	-3.63	-0.44	-1.17	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07		
85	-7.96	-7.96	-5.50	-3.57	-2.00	-2.00	-2.83	-4.11	-4.25	-3.00	-2.00	-1.97	-0.01	-2.47	-2.46	-4.76	-4.22	-4.76	-4.22	-4.76	-0.41	-1.17	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07		
90	-7.96	-7.96	-6.01	-4.21	-2.60	-2.62	-2.24	-2.72	-3.68	-3.76	-3.11	-2.14	-2.55	-2.40	-2.59	-3.23	-4.23	-5.30	-4.47	-4.83	-0.42	-1.17	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07		
95	-7.96	-7.96	-6.05	-4.55	-4.55	-3.11	-2.40	-2.53	-2.91	-3.06	-2.82	-2.82	-2.82	-2.82	-3.04	-3.44	-4.46	-5.46	-4.36	-4.51	-0.41	-1.17	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07		
100	-7.96	-7.96	-6.06	-4.84	-4.13	-3.40	-2.75	-2.34	-2.27	-2.30	-2.22	-2.22	-2.29	-2.96	-3.30	-4.06	-5.36	-4.95	-4.96	-4.96	-0.40	-1.16	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06		
105	-7.96	-7.97	-4.90	-3.13	-0.05	-0.70	-0.70	-2.37	-2.36	-1.30	-1.40	-1.17	-0.81	-0.48	0.16	0.01	-0.95	-2.45	-2.45	-2.45	-0.41	-1.17	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07		
110	-7.96	-7.96	-5.11	-3.23	-1.05	-1.10	-2.00	-3.03	-3.18	-2.24	-1.19	-0.58	0.00	0.18	0.37	0.05	-1.22	-2.80	-2.80	-2.80	-0.44	-1.17	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07		
115	-7.96	-7.96	-5.27	-3.57	-1.20	-1.31	-2.55	-3.66	-3.86	-2.46	-1.02	-0.54	-0.07	0.18	0.13	0.52	-1.08	-3.65	-3.65	-3.65	-0.44	-1.17	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07		
120	-7.96	-7.96	-5.38	-3.68	-1.10	-1.34	-2.97	-3.80	-4.34	-2.74	-1.01	-1.14	-1.14	-1.15	-1.40	-2.40	-3.66	-3.63	-3.63	-3.63	-0.44	-1.17	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07		
125	-7.96	-7.96	-5.50	-3.57	-2.00	-2.00	-2.83	-4.11	-4.25	-3.00	-2.00	-1.97	-0.01	-2.47	-2.46	-4.76	-4.22	-4.76	-4.22	-4.76	-0.41	-1.17	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07		
130	-7.96	-7.96	-6.01	-4.21	-2.60	-2.62	-2.24	-2.72	-3.68	-3.76	-3.11	-2.14	-2.55	-2.40	-2.59	-3.23	-4.23	-5.30	-4.47	-4.83	-0.42	-1.17	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07		
135	-7.96	-7.96	-6.05	-4.55	-4.55	-3.11	-2.40	-2.53	-2.91	-3.06	-2.82	-2.82	-2.82	-2.82	-3.04	-3.44	-4.46	-5.46	-4.36	-4.51	-0.41	-1.17	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07		
140	-7.96	-7.96	-6.06	-4.84	-4.13	-3.40	-2.75	-2.34	-2.27	-2.30	-2.22	-2.22	-2.29	-2.96	-3.30	-4.06	-5.36	-4.95	-4.96	-4.96	-0.40	-1.16	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06		
145	-7.96	-7.97	-4.90	-3.13	-0.05	-0.70	-0.70	-2.37	-2.36	-1.30	-1.40	-1.17	-0.81	-0.48	0.16	0.01	-0.95	-2.45	-2.45	-2.45	-0.41	-1.17	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07		
150	-7.96	-7.96	-5.11	-3.23	-1.05	-1.10	-2.00	-3.03	-3.18	-2.24	-1.19	-0.58	0.00	0.18	0.37	0.05	-1.22	-2.80	-2.80	-2.80	-0.44	-1.17	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07		
155	-7.96	-7.96	-5.27	-3.57	-1.20	-1.31	-2.55	-3.66	-3.86	-2.46	-1.02	-0.54	-0.07	0.18	0.13	0.52	-1.08	-3.65	-3.65	-3.65	-0.44	-1.17	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07		
160	-7.96	-7.96	-5.38	-3.68	-1.10	-1.34	-2.97	-3.80	-4.34	-2.74	-1.01	-1.14	-1.14	-1.15	-1.40	-2.40	-3.66	-3.63	-3.63	-3.63	-0.44	-1.17	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07		
165	-7.96	-7.96	-5.50	-3.57	-2.00	-2.00	-2.83	-4.11	-4.25	-3.00	-2.00	-1.97	-0.01	-2.47	-2.46	-4.76	-4.22	-4.76	-4.22	-4.76	-0.41	-1.17	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07		
170	-7.96	-7.96	-6.01	-4.21	-2.60	-2.62	-2.24	-2.72	-3.68	-3.76	-3.11	-2.14	-2.55	-2.40	-2.59	-3.23	-4.23	-5.30	-4.47	-4.83	-0.42	-1.17	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07		
175	-7.96	-7.96	-6.05	-4.55	-4.55	-3.11	-2.40	-2.53	-2.91	-3.06	-2.82	-2.82	-2.82	-2.82	-3.04	-3.44	-4.46	-5.46	-4.36	-4.51	-0.41	-1.17	-1.07	-1.0														

Doc.No.:3.8.05 Rev

5850 Theta(Angle)		0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	
Phi(Angle)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	
0	-4.33	-4.46	-4.78	-2.35	-4.78	0.45	1.04	0.97	0.51	-0.13	-0.30	-1.40	-1.38	-0.89	-1.53	-1.44	-2.24	-3.61	-4.16	-4.09	-4.93	-4.82	-4.72	-10.54	-13.37	-19.28	-19.24	-17.28	-17.07	-17.38	-20.25	-24.98	-26.12	-22.13	-21.06	-23.12	-25.63	-28.00	-25.63
5	-4.33	-4.57	-4.03	-2.55	-4.06	-0.61	1.40	1.38	0.76	-0.11	-0.88	-1.33	-1.58	-0.73	-1.68	-1.75	-2.47	-3.48	-3.03	-4.13	-4.05	-4.15	-9.34	-9.82	-12.86	-19.83	-18.40	-17.19	-17.98	-20.82	-24.31	-28.38	-27.42	-22.83	-21.86	-22.80	-25.63	-28.00	
10	-4.33	-4.46	-4.20	-2.60	-4.16	-0.70	1.35	1.34	0.70	-0.12	-0.82	-0.95	-1.04	-1.27	-1.70	-2.28	-2.21	-2.84	-3.14	-3.38	-4.53	-4.56	-4.74	-9.88	-9.57	-12.47	-19.44	-18.99	-17.48	-20.46	-21.48	-22.96	-24.88	-26.12	-22.13	-21.06	-22.74	-25.63	
15	-4.33	-4.46	-4.41	-2.36	-4.06	-0.80	1.00	0.77	1.87	2.04	1.33	0.15	-0.85	-0.82	-0.89	-0.88	-0.46	-3.21	-3.97	-3.37	-5.06	-3.70	-3.82	-5.85	-5.25	-9.89	-10.83	-14.83	-22.26	-32.10	-29.50	-25.32	-22.91	-22.80	-23.83	-25.63	-28.00		
20	-4.33	-4.46	-4.53	-2.07	-4.16	-1.00	0.77	1.88	2.28	1.68	0.46	-0.46	-0.64	-0.95	-1.85	-2.78	-3.20	-3.53	-4.32	-4.00	-5.49	-4.78	-4.84	-9.26	-9.35	-12.28	-19.72	-15.31	-12.38	-11.00	-17.48	-18.00	-17.88	-20.18	-21.29	-21.99	-22.56	-25.63	
25	-4.33	-4.86	-4.60	-2.14	-4.16	-1.07	2.02	2.49	2.08	0.93	-0.16	-0.47	-0.76	-1.05	-2.43	-3.13	-3.71	-4.40	-4.93	-5.79	-5.12	-6.47	-4.89	-12.24	-10.07	-17.01	-13.59	-15.61	-16.88	-20.28	-27.06	-29.78	-29.78	-29.36	-29.86	-22.57	-25.63	-28.00	
30	-4.33	-4.87	-4.63	-2.17	-4.13	-1.21	0.84	2.01	2.67	2.47	1.16	0.24	-0.28	-0.51	-2.22	-3.18	-3.80	-3.68	-4.41	-5.22	-6.22	-6.40	-7.59	-7.67	-9.35	-12.16	-10.81	-16.88	-14.10	-15.68	-24.44	-22.29	-27.97	-29.86	-30.08	-22.37	-25.63	-28.00	
35	-4.33	-4.86	-4.70	-2.16	-4.06	-1.06	1.97	2.81	2.65	2.16	1.12	0.36	-0.16	-0.39	-2.16	-3.46	-3.94	-4.53	-5.06	-5.84	-6.84	-7.84	-8.84	-9.84	-10.84	-12.84	-15.84	-14.84	-16.84	-24.84	-22.84	-27.84	-29.84	-30.84	-22.84	-25.63	-28.00		
40	-4.33	-4.83	-4.53	-2.07	-4.12	-0.84	1.90	2.66	2.69	2.39	0.93	0.23	-0.27	-0.70	-2.40	-3.43	-3.95	-4.69	-4.97	-5.64	-6.93	-7.49	-8.91	-9.81	-10.28	-11.82	-13.58	-13.27	-12.09	-16.88	-17.86	-18.42	-20.38	-20.14	-21.37	-22.83	-25.63	-28.00	
45	-4.33	-4.78	-4.42	-2.86	-4.17	-0.44	1.81	2.82	3.18	2.57	1.02	0.56	-0.14	-1.15	-2.86	-3.65	-4.50	-5.70	-6.75	-6.64	-6.45	-8.21	-9.81	-10.57	-11.37	-13.08	-13.18	-11.82	-12.29	-15.82	-17.08	-18.40	-21.06	-20.46	-23.40	-22.70	-25.63	-28.00	
50	-4.33	-4.71	-4.28	-2.82	-4.06	-0.40	1.69	2.67	3.08	2.59	0.86	0.17	-0.29	-1.19	-2.86	-3.65	-4.68	-5.10	-6.47	-6.94	-7.40	-8.94	-10.58	-11.33	-13.02	-13.62	-13.36	-11.63	-12.09	-15.48	-16.88	-18.53	-20.72	-20.73	-23.40	-22.70	-25.63	-28.00	
55	-4.33	-4.63	-4.18	-2.75	-4.05	-0.35	1.58	2.70	3.12	2.50	0.74	0.16	-0.34	-1.26	-2.94	-3.73	-4.76	-5.18	-6.55	-7.02	-7.48	-8.92	-10.56	-11.31	-13.00	-13.60	-13.34	-11.60	-12.06	-15.45	-16.84	-18.49	-20.68	-20.69	-23.34	-22.64	-25.63	-28.00	
60	-4.33	-4.52	-3.91	-2.46	-4.05	-0.45	1.36	1.94	2.38	1.40	-0.31	-2.66	-3.90	-3.70	-3.18	-2.86	-3.22	-4.08	-4.46	-5.38	-6.03	-6.14	-7.24	-8.11	-9.49	-10.56	-11.58	-9.72	-10.79	-15.07	-16.07	-18.33	-19.33	-21.30	-22.30	-25.63	-28.00		
65	-4.33	-4.46	-3.71	-2.28	-4.73	0.44	1.10	1.31	1.12	0.32	-1.30	-3.00	-3.27	-2.64	-3.33	-2.86	-3.46	-3.78	-4.58	-4.23	-4.44	-5.11	-6.14	-6.44	-7.44	-8.14	-9.44	-10.64	-10.04	-12.77	-13.53	-17.48	-18.27	-21.91	-22.91	-25.63	-28.00		
70	-4.33	-4.30	-3.48	-2.08	-4.84	0.38	0.76	0.50	0.18	-1.18	-2.46	-2.91	-2.88	-2.17	-3.52	-3.42	-4.40	-4.71	-5.52	-5.42	-6.40	-6.71	-7.43	-8.46	-9.40	-10.68	-10.18	-10.01	-9.00	-9.79	-12.76	-13.48	-18.40	-19.28	-22.56	-25.63	-28.00		
75	-4.33	-4.18	-3.28	-1.82	-4.55	0.28	0.36	0.43	-1.74	-2.97	-3.52	-2.63	-1.89	-3.07	-4.05	-3.79	-4.68	-4.68	-5.28	-5.28	-6.32	-6.76	-7.44	-8.58	-9.58	-10.88	-11.14	-10.88	-9.00	-9.12	-12.32	-14.82	-15.85	-16.85	-19.77	-22.94	-25.63	-28.00	
80	-4.33	-4.06	-3.07	-1.77	-4.54	0.15	0.13	0.05	-1.40	-2.94	-4.06	-3.26	-2.46	-3.46	-4.26	-4.07	-4.66	-4.66	-5.06	-5.06	-5.70	-6.10	-6.80	-7.80	-8.60	-9.90	-10.40	-10.40	-8.60	-8.70	-11.80	-14.80	-15.80	-16.80	-19.80	-22.80	-25.63	-28.00	
85	-4.33	-3.94	-2.86	-1.63	-4.57	0.04	-0.34	-0.34	-2.46	-3.74	-4.84	-3.76	-2.81	-3.35	-4.04	-3.81	-4.63	-4.72	-5.24	-5.24	-5.84	-6.24	-6.94	-7.94	-8.74	-10.04	-10.54	-10.54	-8.74	-8.84	-11.94	-14.94	-15.94	-16.94	-19.94	-22.94	-25.63	-28.00	
90	-4.33	-3.82	-2.66	-1.51	-4.61	-0.22	-0.63	-2.16	-4.51	-4.91	-4.62	-3.42	-2.77	-4.13	-4.14	-4.32	-4.80	-5.20	-5.32	-5.32	-5.84	-6.24	-6.94	-7.94	-8.74	-10.04	-10.54	-10.54	-8.74	-8.84	-11.94	-14.94	-15.94	-16.94	-19.94	-22.94	-25.63	-28.00	
95	-4.33	-3.71	-2.48	-1.40	-4.66	0.38	0.74	2.01	-0.38	0.17	-4.25	-4.56	-3.22	-2.01	-4.43	-3.86	-4.58	-5.51	-5.97	-6.18	-6.36	-6.46	-7.03	-8.02	-8.43	-9.86	-10.32	-11.37	-13.27	-15.91	-17.18	-18.67	-19.47	-20.88	-23.36	-25.63	-28.00		
100	-4.33	-3.61	-2.31	-1.30	-4.75	-0.55	-0.76	-1.88	-1.18	-4.11	-4.68	-3.24	-2.16	-4.40	-3.86	-4.58	-5.48	-6.40	-6.84	-7.04	-7.24	-7.34	-7.91	-8.90	-9.31	-10.74	-11.20	-12.25	-14.15	-16.88	-18.40	-19.11	-19.78	-20.37	-21.76	-22.20	-25.63	-28.00	
105	-4.33	-3.55	-2.15	-1.21	-4.77	-0.63	-0.73	-2.43	-1.20	-4.05	-4.63	-3.15	-2.46	-4.38	-3.85	-4.58	-5.48	-6.40	-6.84	-7.04	-7.24	-7.34	-7.91	-8.90	-9.31	-10.74	-11.20	-12.25	-14.15	-16.88	-18.40	-19.11	-19.78	-20.37	-21.76	-22.20	-25.63	-28.00	
110	-4.33	-3.44	-2.00	-1.12	-4.80	-0.71	-0.69	-1.03	-1.74	-3.99	-4.88	-3.15	-2.17	-4.48	-3.92	-5.22	-6.11	-6.53	-6.44	-6.33	-7.08	-7.95	-8.85	-10.31	-10.88	-10.76	-9.78	-11.53	-13.98	-17.76	-19.80	-21.46	-21.07	-18.46	-21.93	-25.63	-28.00		
115	-4.33	-3.37	-1.88	-1.03	-4.79	-0.74	-0.63	-0.77	-1.20	-1.18	-4.50	-3.05	-0.88	-1.12	-2.18	-2.85	-4.01	-5.62	-6.40	-6.83	-7.18	-8.46	-9.48	-10.82	-10.88	-10.48	-9.85	-10.68	-10.67	-11.30	-13.31	-16.67	-18.17	-16.21	-17.83	-21.53	-25.63	-28.00	
120	-4.33	-3.32	-1.77	-0.93	-4.75	-0.77	-0.55	-0.54	-0.75	-0.55	-1.44	0.66	-0.61	0.09	-0.68	-1.32	-2.30	-3.76	-4.11	-4.72	-5.56	-6.53	-7.14	-7.18	-8.14	-9.11	-10.16	-10.80	-11.52	-13.18	-16.84	-17.86	-16.82	-18.45	-21.24	-21.27	-25.63	-28.00	
125	-4.33	-3.26	-1.70	-0.86	-4.74	-0.78	-0.54	-0.54	-0.74	-0.54	-1.44	0.66	-0.61	0.09	-0.68	-1.32	-2.30	-3.76	-4.11	-4.72	-5.56	-6.53	-7.14	-7.18	-8.14	-9.11	-10.16	-10.80	-11.52	-13.18	-16.84	-17.86	-16.82	-18.45	-21.24	-21.27	-25.63	-28.00	
130	-4.33	-3.27	-1.63	-0.74	-4.56	-0.51	-0.22	0.03	0.11	0.36	0.82	-1.46	-1.87	-1.58	-1.28	-0.56	-0.15	-2.18	-3.05	-3.91	-4.82	-5.65	-6.41	-6.41	-7.41	-8.41	-9.41	-10.41	-11.41	-12.41	-14.05	-15.25	-14.31	-14.18	-16.80	-19.81	-25.63	-28.00	
135	-4.33	-3.27	-1.61	-0.67	-4.43	-0.40	0.31	0.39	0.61	0.86	1.26	-1.65	-1.83	-1.77	-1.47	-0.80	-0.10	-2.18	-3.19	-4.08	-4.91	-5.64	-6.44	-6.46	-7.46	-8.46	-9.46	-10.46	-11.46	-12.46	-14.10	-15.30	-14.41	-14.30	-16.93	-19.93	-25.63	-28.00	
140	-4.33	-3.28	-1.62	-0.62	-4.31	-0.34	0.24	0.74	1.10	1.37	1.83	-1.81	-1.82	-1.83	-1.28	-0.46	-0.82	-1.84	-2.86	-3.41	-4.28	-5.02	-5.79	-6.24	-6.82	-7.35	-8.35	-9.35	-10.35	-11.35	-12.35	-14.04	-15.24	-14.34	-14.18	-16.80	-19.80	-25.63	-28.00
145	-4.33	-3.33	-1.67	-0.62	-4.22	-0.40	0.47	1.00	1.50	1.80	1.97	-1.82	-1.88	-1.72	-1.54	-0.84	-1.04	-3.18	-4.38	-5.02	-5.79	-6.24	-6.82	-7.35	-8.35	-9.35	-10.35	-11.35	-12.35	-14.04	-15.24	-14.34	-14.18	-16.80	-19.80	-25.63	-28.00		
150	-4.33	-3.34	-1.68	-0.60	-4.28	-0.45	0.46	1.13	1.24	2.11	1.91	-1.81	-1.41	-1.06	-0.94	-0.78	-1.38	-3.43	-4.31	-5.11	-5.81	-6.24	-6.82	-7.35	-8.35	-9.35	-10.35	-11.35	-12.35	-14.04	-15.24	-14.34	-14.18	-16.80	-19.80	-25.63	-28.00		
155	-4.33	-3.46	-1.93	-0.80	-4.28	-0.38	0.45	1.11	1.78	2.38	2.21	-1.88	-1.85	-0.07	-1.32	-0.40	-0.49	-3.48	-4.68	-5.16	-5.96	-6.91	-7.82	-8.35	-9.35	-10.35	-11.35	-12.35	-14.04	-15.24	-14.34	-14.18	-16.80	-19.80	-25.63	-28.00			
160	-4.33	-3.55	-2.14	-1.01	-4.42	-0.31	0.30																																

5925 Theta Angle		0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Phi/Angle	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
0	-3.77	-4.63	-4.58	-3.93	-4.17	1.18	2.04	1.77	0.74	-0.23	-0.89	-1.42	-2.28	-3.20	-3.86	-4.02	-4.86	-6.00	-7.22	-8.20	-8.97	-9.50	-9.87	-10.00	-9.97	-9.72	-9.33	-8.84	-8.28	-7.60	-6.84	-6.00	-5.14	-4.23	-3.30	-2.33	-1.33	-0.40	-0.24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
5	-3.77	-4.64	-4.78	-3.22	-4.30	1.07	2.14	2.00	1.15	0.15	-0.20	-0.85	-1.51	-2.07	-3.10	-4.06	-5.17	-6.33	-7.18	-8.31	-9.14	-9.74	-10.00	-9.97	-9.72	-9.33	-8.84	-8.28	-7.60	-6.84	-6.00	-5.14	-4.23	-3.30	-2.33	-1.33	-0.40	-0.24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
10	-3.77	-4.63	-4.78	-3.22	-4.30	1.07	2.14	2.00	1.15	0.15	-0.20	-0.85	-1.51	-2.07	-3.10	-4.06	-5.17	-6.33	-7.18	-8.31	-9.14	-9.74	-10.00	-9.97	-9.72	-9.33	-8.84	-8.28	-7.60	-6.84	-6.00	-5.14	-4.23	-3.30	-2.33	-1.33	-0.40	-0.24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
15	-3.77	-4.64	-4.78	-3.22	-4.30	1.07	2.14	2.00	1.15	0.15	-0.20	-0.85	-1.51	-2.07	-3.10	-4.06	-5.17	-6.33	-7.18	-8.31	-9.14	-9.74	-10.00	-9.97	-9.72	-9.33	-8.84	-8.28	-7.60	-6.84	-6.00	-5.14	-4.23	-3.30	-2.33	-1.33	-0.40	-0.24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
20	-3.77	-4.65	-5.09	-3.86	-4.17	0.83	2.24	2.01	1.29	1.10	0.00	0.61	-0.02	-0.63	-1.25	-2.30	-3.44	-4.48	-5.38	-6.79	-7.90	-10.00	-10.00	-9.97	-9.72	-9.33	-8.84	-8.28	-7.60	-6.84	-6.00	-5.14	-4.23	-3.30	-2.33	-1.33	-0.40	-0.24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
25	-3.77	-4.64	-5.08	-4.11	-3.80	0.42	2.17	2.96	2.65	1.55	0.73	0.66	0.24	-0.12	-0.55	-1.18	-2.54	-3.85	-4.78	-6.32	-7.45	-8.82	-9.31	-10.00	-10.00	-9.97	-9.72	-9.33	-8.84	-8.28	-7.60	-6.84	-6.00	-5.14	-4.23	-3.30	-2.33	-1.33	-0.40	-0.24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
30	-3.77	-4.59	-5.01	-4.18	-2.88	0.21	2.05	3.04	2.95	1.94	0.89	0.66	0.46	-0.49	-1.75	-2.53	-3.71	-5.37	-6.25	-7.77	-8.72	-9.23	-10.00	-10.00	-9.97	-9.72	-9.33	-8.84	-8.28	-7.60	-6.84	-6.00	-5.14	-4.23	-3.30	-2.33	-1.33	-0.40	-0.24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
35	-3.77	-4.57	-4.86	-4.04	-2.14	0.06	1.97	3.01	2.96	1.94	0.86	0.62	0.61	-0.65	-1.91	-2.70	-3.81	-5.38	-6.25	-7.77	-8.72	-9.23	-10.00	-10.00	-9.97	-9.72	-9.33	-8.84	-8.28	-7.60	-6.84	-6.00	-5.14	-4.23	-3.30	-2.33	-1.33	-0.40	-0.24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
40	-3.77	-4.15	-4.65	-4.04	-1.54	-0.06	1.76	3.01	2.95	1.94	0.86	0.62	0.61	-0.65	-1.91	-2.70	-3.81	-5.38	-6.25	-7.77	-8.72	-9.23	-10.00	-10.00	-9.97	-9.72	-9.33	-8.84	-8.28	-7.60	-6.84	-6.00	-5.14	-4.23	-3.30	-2.33	-1.33	-0.40	-0.24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
45	-3.77	-4.00	-4.38	-3.73	-1.86	-0.02	1.70	2.94	3.31	2.32	1.56	0.85	0.84	-0.03	-0.06	-0.74	-2.01	-3.51	-4.47	-5.95	-6.84	-7.30	-8.00	-8.70	-9.18	-10.00	-10.00	-9.97	-9.72	-9.33	-8.84	-8.28	-7.60	-6.84	-6.00	-5.14	-4.23	-3.30	-2.33	-1.33	-0.40	-0.24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
50	-3.77	-3.96	-4.00	-3.38	-1.17	0.13	1.70	2.64	3.22	2.52	1.65	0.86	0.72	-0.07	-0.84	-1.23	-2.22	-3.70	-4.91	-6.08	-6.40	-7.05	-7.58	-8.00	-8.70	-9.18	-10.00	-10.00	-9.97	-9.72	-9.33	-8.84	-8.28	-7.60	-6.84	-6.00	-5.14	-4.23	-3.30	-2.33	-1.33	-0.40	-0.24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
55	-3.77	-3.78	-3.78	-3.26	-0.40	0.37	1.73	2.10	3.20	2.90	1.85	1.06	1.06	-0.21	-1.01	-1.29	-2.10	-3.48	-4.78	-5.82	-6.40	-7.05	-7.58	-8.00	-8.70	-9.18	-10.00	-10.00	-9.97	-9.72	-9.33	-8.84	-8.28	-7.60	-6.84	-6.00	-5.14	-4.23	-3.30	-2.33	-1.33	-0.40	-0.24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
60	-3.77	-3.54	-3.41	-2.53	-0.43	0.61	1.74	2.44	2.55	1.77	0.91	1.01	1.06	-0.20	-0.97	-1.72	-2.57	-3.75	-4.71	-5.82	-6.40	-7.05	-7.58	-8.00	-8.70	-9.18	-10.00	-10.00	-9.97	-9.72	-9.33	-8.84	-8.28	-7.60	-6.84	-6.00	-5.14	-4.23	-3.30	-2.33	-1.33	-0.40	-0.24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
65	-3.77	-3.38	-3.07	-1.12	-0.57	0.80	1.65	2.00	1.79	0.87	-0.76	-0.78	-0.98	-2.00	-2.55	-3.86	-4.73	-5.89	-6.70	-7.49	-8.00	-8.70	-9.18	-10.00	-10.00	-9.97	-9.72	-9.33	-8.84	-8.28	-7.60	-6.84	-6.00	-5.14	-4.23	-3.30	-2.33	-1.33	-0.40	-0.24	-0.24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
70	-3.77	-3.22	-2.74	-0.74	-0.28	0.89	1.43	1.33	0.67	-0.48	-1.04	-0.56	-0.19	-1.19	-1.41	0.36	0.11	-1.27	-2.25	-3.18	-3.44	-4.02	-4.56	-5.00	-5.40	-5.80	-6.20	-6.60	-7.00	-7.40	-7.80	-8.20	-8.60	-9.00	-9.40	-9.80	-10.20	-10.60	-11.00	-11.40	-11.80	-12.20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
75	-3.77	-3.07	-2.44	-0.41	-0.07	0.80	1.07	0.45	-0.06	-0.27	-1.12	-0.77	-1.55	-0.41	0.85	1.26	1.80	-0.20	-1.38	-2.15	-3.14	-3.50	-4.02	-4.56	-5.00	-5.40	-5.80	-6.20	-6.60	-7.00	-7.40	-7.80	-8.20	-8.60	-9.00	-9.40	-9.80	-10.20	-10.60	-11.00	-11.40	-11.80	-12.20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
80	-3.77	-2.90	-2.17	-0.14	0.06	0.77	0.67	-0.16	-0.79	-1.24	-0.94	-1.26	-1.44	-0.61	1.12	1.74	1.41	-0.31	-1.94	-2.50	-3.34	-3.94	-4.56	-5.14	-5.74	-6.34	-6.94	-7.54	-8.14	-8.74	-9.34	-9.94	-10.54	-11.14	-11.74	-12.34	-12.94	-13.54	-14.14	-14.74	-15.34	-15.94	-16.54	-17.14	-17.74	-18.34	-18.94	-19.54	-20.14	-20.74	-21.34	-21.94	-22.54	-23.14	-23.74	-24.34	-24.94	-25.54	-26.14	-26.74	-27.34	-27.94	-28.54	-29.14	-29.74	-30.34	-30.94	-31.54	-32.14	-32.74	-33.34	-33.94	-34.54	-35.14	-35.74	-36.34	-36.94	-37.54	-38.14	-38.74	-39.34	-39.94	-40.54	-41.14	-41.74	-42.34	-42.94	-43.54	-44.14	-44.74	-45.34	-45.94	-46.54	-47.14	-47.74	-48.34	-48.94	-49.54	-50.14	-50.74	-51.34	-51.94	-52.54	-53.14	-53.74	-54.34	-54.94	-55.54	-56.14	-56.74	-57.34	-57.94	-58.54	-59.14	-59.74	-60.34	-60.94	-61.54	-62.14	-62.74	-63.34	-63.94	-64.54	-65.14	-65.74	-66.34	-66.94	-67.54	-68.14	-68.74	-69.34	-69.94	-70.54	-71.14	-71.74	-72.34	-72.94	-73.54	-74.14	-74.74	-75.34	-75.94	-76.54	-77.14	-77.74	-78.34	-78.94	-79.54	-80.14	-80.74	-81.34	-81.94	-82.54	-83.14	-83.74	-84.34	-84.94	-85.54	-86.14	-86.74	-87.34	-87.94	-88.54	-89.14	-89.74	-90.34	-90.94	-91.54	-92.14	-92.74	-93.34	-93.94	-94.54	-95.14	-95.74	-96.34	-96.94	-97.54	-98.14	-98.74	-99.34	-99.94	-100.54	-101.14	-101.74	-102.34	-102.94	-103.54	-104.14	-104.74	-105.34	-105.94	-106.54	-107.14	-107.74	-108.34	-108.94	-109.54	-110.14	-110.74	-111.34	-111.94	-112.54	-113.14	-113.74	-114.34	-114.94	-115.54	-116.14	-116.74	-117.34	-117.94	-118.54	-119.14	-119.74	-120.34	-120.94	-121.54	-122.14	-122.74	-123.34	-123.94	-124.54	-125.14	-125.74	-126.34	-126.94	-127.54	-128.14	-128.74	-129.34	-129.94	-130.54	-131.14	-131.74	-132.34	-132.94	-133.54	-134.14	-134.74	-135.34	-135.94	-136.54	-137.14	-137.74	-138.34	-138.94	-139.54	-140.14	-140.74	-141.34	-141.94	-142.54	-143.14	-143.74	-144.34	-144.94	-145.54	-146.14	-146.74	-147.34	-147.94	-148.54	-149.14	-149.74	-150.34	-150.94	-151.54	-152.14	-152.74	-153.34	-153.94	-154.54	-155.14	-155.74	-156.34	-156.94	-157.54	-158.14	-158.74	-159.34	-159.94	-160.54	-161.14	-161.74	-162.34	-162.94	-163.54	-164.14	-164.74	-165.34	-165.94	-166.54	-167.14	-167.74	-168.34	-168.94	-169.54	-170.14	-170.74	-171.34	-171.94	-172.54	-173.14	-173.74	-174.34	-174.94	-175.54	-176.14	-176.74	-177.34	-177.94	-178.54	-179.14	-179.74	-180.34	-180.94	-181.54	-182.14	-182.74	-183.34	-183.94	-184.54	-185.14	-185.74	-186.34	-186.94	-187.54	-188.14	-188.74	-189.34	-189.94	-190.54	-191.14	-191.74	-192.34	-192.94	-193.54	-194.14	-194.74	-195.34	-195.94	-196.54	-197.14	-197.74	-198.34	-198.94	-199.54	-200.14	-200.74	-201.34	-201.94	-202.54	-203.14	-203.74	-204.34	-204.94	-205.54	-206.14	-206.74	-207.34	-207.94	-208.54	-209.14	-209.74	-210.34	-210.94	-211.54	-212.14	-212.74	-213.34	-213.94	-214.54	-215.14	-215.74	-216.34	-216.94	-217.54	-218.14	-218.74	-219.34	-219.94	-220.54	-221.14	-221.74	-222.34	-222.94	-223.54	-224.14	-224.74	-225.34	-225.94	-226.54	-227.14	-227.74	-228.34	-228.94	-229.54	-230.14	-230.74	-231.34	-231.94	-232.54	-233.14	-233.74	-234.34	-234.94	-235.54	-236.14	-236.74	-237.34	-237.94	-238.54	-239.14	-239.74	-240.34	-240.94	-241.54	-242.14	-242.74	-243.34	-243.94	-244.54	-245.14	-245.74	-246.34	-246.94	-247.54	-248.14	-248.74	-249.34	-249.94	-250.54	-251.14	-251.74	-252.34	-252.94	-253.54	-254.14	-254.74	-255.34	-255.94	-256.54	-257.14	-257.74	-258.34	-258.94	-259.54	-260.14	-260.74	-261.34	-261.94	-262.54	-263.14	-263.74	-264.34	-264.94	-265.54	-266.14	-266.74	-267.34	-267.94	-268.54	-269.14	-269.74	-270.34	-270.94	-271.54	-272.14	-272.74	-273.34	-273.94	-274.54	-275.14	-275.74	-276.34	-276.94	-277.54	-278.14	-278.74	-279.34	-279.94	-280.54	-281.14	-281.74	-282.34	-282.94	-283.54	-284.14	-284.74	-285.34	-285.94	-286.54	-287.14	-287.74	-288.34	-288.94	-289.54	-290.14	-290.74	-291.34	-291.94	-292.54	-293.14	-293.74	-294.34	-294.94	-295.54	-296.14	-296.74	-297.34	-297.94	-298.54	-299.14	-299.74	-300.34	-300.94	-301.54	-302.14	-302.74	-303.34	-303.94	-304.54	-305.14	-305.74	-306.34	-306.94	-307.54	-308.14	-308.74	-309.34	-309.94	-310.54	-311.14	-311.74	-312.34	-312.94	-313.54	-314.14	-314.74	-315.34	-315.94

Doc.No:3.8.05 Rev

7125 Theta(Angle)		0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180		
Phi(Angle)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)		
0	-7.25	-4.91	-3.13	-2.21	-1.15	1.25	0.84	0.97	1.34	1.03	-0.01	-1.22	-2.57	-4.65	-4.93	-3.94	-2.88	-1.68	-1.10	-4.03	-3.31	-4.30	-4.91	-6.48	-10.05	-10.18	-12.58	-14.83	-15.51	-11.70	-11.68	-13.89	-15.93	-15.52	-15.67	-17.58	-21.17	-28.18		
5	-7.25	-4.82	-3.08	-2.25	1.12	1.21	0.65	0.97	1.02	1.07	0.97	-0.14	-1.21	-3.18	-5.56	-4.71	-3.65	-2.60	-1.47	-3.62	-4.08	-4.16	-5.13	-6.48	-9.82	-12.42	-12.74	-14.22	-13.82	-12.44	-15.65	-16.89	-16.24	-16.05	-16.96	-18.04	-20.18			
10	-7.25	-4.75	-3.01	-2.28	1.07	1.24	0.61	0.97	1.02	1.07	0.97	-0.14	-1.21	-3.18	-5.56	-4.71	-3.65	-2.60	-1.47	-3.62	-4.08	-4.16	-5.13	-6.48	-9.82	-12.42	-12.74	-14.22	-13.82	-12.44	-15.65	-16.89	-16.24	-16.05	-16.96	-18.04	-20.18			
15	-7.25	-4.68	-3.15	-2.40	0.98	1.31	0.88	0.54	0.74	1.03	1.03	-0.07	-0.32	-2.19	-4.38	-3.47	-2.58	-1.57	-0.43	-3.15	-3.55	-3.53	-4.15	-5.35	-8.27	-10.84	-13.35	-12.68	-12.44	-14.54	-15.12	-13.75	-15.45	-15.43	-16.34	-17.35	-19.03	-21.18		
20	-7.25	-4.48	-3.23	-2.70	0.84	1.40	1.21	0.88	0.89	1.08	1.12	0.75	-0.37	-2.41	-4.55	-3.65	-2.62	-1.61	-0.51	-3.46	-3.84	-3.84	-4.48	-5.68	-8.12	-10.28	-12.53	-10.84	-13.18	-11.24	-14.14	-14.22	-15.42	-15.30	-16.21	-17.58	-19.71	-20.18		
25	-7.25	-4.46	-3.35	-2.85	0.86	1.46	1.56	1.32	1.17	1.22	1.38	0.88	-0.16	-2.35	-5.33	-4.56	-3.48	-2.40	-1.30	-3.80	-4.14	-4.03	-4.68	-5.88	-8.12	-10.28	-12.53	-10.84	-13.18	-11.24	-14.14	-14.22	-15.42	-15.30	-16.21	-17.58	-19.71	-20.18		
30	-7.25	-4.33	-3.48	-3.24	0.43	1.48	1.86	1.75	1.49	1.37	1.49	1.44	0.55	-1.31	-3.55	-4.48	-3.74	-2.54	-1.52	-4.08	-4.24	-3.98	-4.68	-5.88	-8.12	-10.28	-12.53	-10.84	-13.18	-11.24	-14.14	-14.22	-15.42	-15.30	-16.21	-17.58	-19.71	-20.18		
35	-7.25	-4.27	-3.62	-3.73	-0.47	2.10	2.12	2.27	1.94	1.82	1.78	1.15	-0.51	-2.37	-3.84	-3.98	-3.48	-2.38	-1.40	-4.08	-4.24	-3.98	-4.68	-5.88	-8.12	-10.28	-12.53	-10.84	-13.18	-11.24	-14.14	-14.22	-15.42	-15.30	-16.21	-17.58	-19.71	-20.18		
40	-7.25	-4.22	-3.73	-3.84	-1.40	2.26	2.41	1.99	1.48	1.28	1.56	1.23	-0.26	-2.48	-3.84	-3.68	-3.18	-2.57	-1.62	-4.08	-4.24	-3.98	-4.68	-5.88	-8.12	-10.28	-12.53	-10.84	-13.18	-11.24	-14.14	-14.22	-15.42	-15.30	-16.21	-17.58	-19.71	-20.18		
45	-7.25	-4.17	-3.83	-3.88	-0.37	1.28	2.32	2.59	2.15	1.27	0.76	0.84	-0.72	-0.65	-2.74	-4.07	-4.22	-3.79	-3.15	-3.27	-4.07	-4.75	-5.73	-6.48	-7.82	-10.12	-12.85	-8.08	-10.37	-12.88	-12.07	-13.84	-12.01	-17.72	-16.48	-18.01	-20.18			
50	-7.25	-4.12	-3.88	-3.29	-0.42	1.11	2.29	2.67	2.22	1.70	0.82	0.18	-0.29	-1.55	-3.46	-4.61	-4.88	-4.24	-3.40	-4.11	-4.85	-5.74	-6.48	-7.82	-10.12	-12.85	-8.08	-10.37	-12.88	-12.07	-13.84	-12.01	-17.72	-16.48	-18.01	-20.18				
55	-7.25	-4.06	-3.86	-3.40	-0.58	1.21	2.74	2.81	2.45	1.82	0.98	0.20	-0.48	-1.30	-3.48	-4.88	-5.18	-4.48	-3.78	-4.41	-5.27	-6.15	-6.48	-7.82	-10.12	-12.85	-8.08	-10.37	-12.88	-12.07	-13.84	-12.01	-17.72	-16.48	-18.01	-20.18				
60	-7.25	-4.04	-3.87	-3.44	-0.53	0.68	1.50	2.41	2.01	0.54	-1.57	2.68	-3.80	-3.85	-4.58	-4.73	-4.48	-3.95	-3.48	-4.52	-5.26	-5.88	-6.48	-7.82	-10.12	-12.85	-8.08	-10.37	-12.88	-12.07	-13.84	-12.01	-17.72	-16.48	-18.01	-20.18				
65	-7.25	-4.01	-3.88	-3.40	-0.58	0.46	1.57	2.07	1.68	0.13	-1.25	-3.79	-4.17	-4.85	-4.58	-3.88	-4.83	-4.88	-3.15	-4.48	-5.28	-5.88	-6.48	-7.82	-10.12	-12.85	-8.08	-10.37	-12.88	-12.07	-13.84	-12.01	-17.72	-16.48	-18.01	-20.18				
70	-7.25	-3.97	-3.88	-3.22	-0.33	0.31	1.23	1.63	1.21	-0.42	-0.88	-4.78	-5.14	-4.58	-4.73	-3.73	-4.07	-3.80	-3.24	-4.52	-5.34	-5.88	-6.48	-7.82	-10.12	-12.85	-8.08	-10.37	-12.88	-12.07	-13.84	-12.01	-17.72	-16.48	-18.01	-20.18				
75	-7.25	-3.94	-3.88	-3.22	-0.88	0.28	0.86	1.16	0.82	-1.11	-0.84	-5.53	-4.83	-4.84	-4.25	-3.07	-3.13	-3.51	-2.47	-3.84	-4.73	-5.44	-5.88	-6.48	-7.82	-10.12	-12.85	-8.08	-10.37	-12.88	-12.07	-13.84	-12.01	-17.72	-16.48	-18.01	-20.18			
80	-7.25	-3.96	-4.02	-3.13	-0.62	0.40	0.88	1.08	0.81	-1.40	-1.82	-5.78	-4.97	-4.53	-3.21	-2.07	-2.35	-1.88	-1.40	-3.68	-4.21	-4.52	-5.44	-5.88	-6.48	-7.82	-10.12	-12.85	-8.08	-10.37	-12.88	-12.07	-13.84	-12.01	-17.72	-16.48	-18.01	-20.18		
85	-7.25	-3.86	-4.07	-3.10	-0.44	0.64	1.06	0.81	-0.14	-0.54	-0.84	-4.68	-4.48	-4.46	-4.46	-2.50	-1.40	-1.80	-2.71	-3.64	-4.58	-5.16	-5.44	-5.88	-6.48	-7.82	-10.12	-12.85	-8.08	-10.37	-12.88	-12.07	-13.84	-12.01	-17.72	-16.48	-18.01	-20.18		
90	-7.25	-3.82	-4.17	-3.15	-0.32	0.84	1.14	1.16	0.14	-1.54	-3.78	-5.24	-5.16	-3.95	-2.58	-1.34	-1.76	-2.70	-2.79	-2.79	-3.30	-3.32	-4.06	-4.38	-4.88	-5.44	-5.88	-6.48	-7.82	-10.12	-12.85	-8.08	-10.37	-12.88	-12.07	-13.84	-12.01	-17.72	-16.48	-18.01
95	-7.25	-3.77	-4.29	-3.29	-0.28	1.19	1.89	1.73	0.80	-0.71	-2.46	-3.84	-4.47	-3.93	-2.51	-1.67	-2.08	-3.08	-3.01	-4.16	-4.48	-4.88	-5.44	-5.88	-6.48	-7.82	-10.12	-12.85	-8.08	-10.37	-12.88	-12.07	-13.84	-12.01	-17.72	-16.48	-18.01	-20.18		
100	-7.25	-3.76	-4.42	-3.25	-0.42	1.32	2.26	2.38	1.52	0.22	-1.20	-2.72	-3.77	-3.11	-2.41	-1.76	-2.22	-3.38	-3.38	-4.58	-4.78	-5.28	-5.88	-6.48	-7.82	-10.12	-12.85	-8.08	-10.37	-12.88	-12.07	-13.84	-12.01	-17.72	-16.48	-18.01	-20.18			
105	-7.25	-3.85	-4.55	-3.20	-0.47	1.27	2.45	2.68	2.08	0.89	-0.48	-2.83	-3.58	-2.51	-1.51	-2.22	-2.82	-4.07	-3.58	-3.76	-4.58	-5.38	-5.88	-6.48	-7.82	-10.12	-12.85	-8.08	-10.37	-12.88	-12.07	-13.84	-12.01	-17.72	-16.48	-18.01	-20.18			
110	-7.25	-3.53	-4.64	-3.34	-1.17	1.01	2.41	2.60	2.38	1.95	0.40	-0.85	-1.40	-1.37	-0.83	-0.40	-1.11	-2.02	-2.21	-2.48	-3.74	-5.72	-7.33	-7.77	-8.12	-8.84	-10.17	-11.15	-11.95	-11.83	-11.74	-13.84	-12.78	-22.90	-27.84	-28.18				
115	-7.25	-3.58	-4.85	-3.75	-1.77	0.56	2.15	2.69	2.44	1.86	1.12	0.20	-0.88	-0.84	-0.41	-0.35	-1.15	-2.22	-2.78	-4.48	-4.72	-5.38	-6.48	-7.82	-10.12	-12.85	-8.08	-10.37	-12.88	-12.07	-13.84	-12.01	-17.72	-16.48	-18.01	-20.18				
120	-7.25	-3.74	-4.65	-4.00	-2.40	-0.01	1.71	2.38	2.25	1.94	1.36	0.61	-0.38	-0.22	-1.82	-1.17	-2.08	-3.34	-4.28	-5.32	-6.07	-6.12	-6.48	-7.82	-10.12	-12.85	-8.08	-10.37	-12.88	-12.07	-13.84	-12.01	-17.72	-16.48	-18.01	-20.18				
125	-7.25	-3.68	-4.58	-4.08	-2.88	-0.67	1.82	2.41	2.38	2.14	1.48	0.86	0.38	-0.16	-1.88	-1.38	-2.34	-3.38	-4.38	-5.38	-6.07	-6.12	-6.48	-7.82	-10.12	-12.85	-8.08	-10.37	-12.88	-12.07	-13.84	-12.01	-17.72	-16.48	-18.01	-20.18				
130	-7.25	-3.48	-4.38	-3.88	-3.88	-3.88	-3.88	-3.88	-3.88	-3.88	0.82	0.17	-0.20	-1.21	-1.71	-1.25	-1.33	-1.97	-3.48	-4.72	-5.38	-6.07	-6.12	-6.48	-7.82	-10.12	-12.85	-8.08	-10.37	-12.88	-12.07	-13.84	-12.01	-17.72	-16.48	-18.01	-20.18			
135	-7.25	-3.47	-3.62	-3.02	-2.54	-0.89	0.51	1.23	0.89	0.14	-0.88	-2.86	-3.27	-3.88	-3.72	-3.80	-4.27	-4.48	-4.01	-3.85	-4.85	-4.47	-4.36	-5.88	-6.14	-6.57	-7.17	-7.74	-8.01	-8.18	-8.82	-10.82	-15.26	-19.48	-25.67	-28.18				
140	-7.25	-3.52	-3.02	-2.24	-1.56	-0.52	0.60	1.15	0.85	-0.11	-1.31	-2.31	-2.68	-2.23	-1.82	-1.57	-1.71	-1.35	-1.11	-3.08	-3.81	-4.05	-4.54	-5.11	-5.81	-6.46	-7.18	-8.21	-8.57	-10.78	-11.84	-12.24	-15.57	-19.14	-25.81	-28.18				
145	-7.25	-3.44	-2.52	-2.42	-1.88	0.24	1.00	1.33	1.04	0.38	-0.56	-1.84	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88	-2.88				
150	-7.25	-3.41	-2.86	-2.45	-0.33	1.16	1.45	1.48	1.34	0.88	0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38	-0.38				
155	-7.25	-4.00	-1.63	-0.01	1.73	2.08	2.05	1.78	1.54	1.39	1.07	0.53	0.11	-0.84	-0.32	-0.94	-1.39	-1.31	-1.32	-0.30	-1.41	-6.62	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32	-6.32			
160	-7.25	-3.88	-1.27	-0.48	1.18	2.22	2.41	2.22	1.84	1.82	1.51	0.97	-0.34	-0.88	-2.88	-1.39	-1.81	-3.81	-4.38	-3.79	-3.21	-3.54	-4.44	-5.78	-6.38	-7.18	-7.88	-8.38	-8.41	-8.46	-9.18	-10.88	-13.88	-17.18	-18.75	-22.58	-28.18			

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5925 Theta/Angle		0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180
Phi/Angle	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)
0	-43.2	-2.12	-0.17	1.40	2.57	3.35	3.84	4.16	4.37	4.50	4.57	4.57	4.46	4.19	3.80	3.36	2.85	2.53	2.06	1.46	0.71	-0.15	-1.01	-1.79	-2.49	-3.10	-3.56	-3.80	-4.25	-4.77	-5.50	-6.42	-7.27	-7.93	-8.32	-8.02	-7.412	
5	-43.2	-2.23	-0.39	1.11	2.25	3.07	3.63	3.99	4.17	4.23	4.27	4.30	4.23	3.91	3.35	2.70	2.09	1.67	1.11	0.57	-0.13	-1.01	-1.85	-2.63	-3.30	-3.80	-4.31	-4.63	-4.74	-5.01	-5.46	-6.02	-6.75	-7.41	-7.82	-7.412		
10	-43.2	-2.35	-0.51	0.79	1.89	2.75	3.35	3.71	3.80	3.86	3.84	3.73	3.51	3.10	2.50	1.73	1.08	0.82	0.40	-0.16	-1.04	-1.90	-2.70	-3.40	-4.04	-4.57	-5.06	-5.41	-5.56	-5.61	-5.70	-5.84	-6.14	-6.57	-7.03	-7.412		
15	-43.2	-2.46	-0.61	0.46	1.50	2.36	3.04	3.48	3.61	3.60	3.52	3.33	2.93	2.27	1.42	0.66	0.34	0.04	-0.34	-1.13	-2.02	-2.82	-3.51	-4.13	-4.66	-5.09	-5.43	-5.68	-5.86	-6.00	-6.19	-6.37	-6.59	-6.82	-7.08	-7.412		
20	-43.2	-2.56	-0.69	0.18	1.13	1.99	2.73	3.21	3.29	2.97	2.30	1.67	1.45	0.87	-0.02	-1.00	-1.78	-2.20	-2.35	-2.62	-3.27	-4.21	-5.15	-5.91	-6.55	-7.10	-7.54	-7.81	-7.97	-8.01	-8.04	-8.04	-8.04	-8.04	-8.04	-8.04		
25	-43.2	-2.67	-0.73	-0.08	0.80	1.67	2.46	2.97	2.99	2.48	1.58	0.56	-0.05	-0.59	-1.37	-2.28	-3.00	-3.62	-4.04	-4.28	-4.84	-5.68	-6.44	-7.06	-7.56	-7.90	-8.04	-8.04	-8.04	-8.04	-8.04	-8.04	-8.04	-8.04	-8.04	-8.04		
30	-43.2	-2.78	-0.74	-0.28	0.55	1.42	2.26	2.79	2.76	2.05	0.79	-0.53	-1.30	-2.10	-2.81	-3.30	-3.74	-4.02	-4.04	-4.23	-4.64	-5.33	-6.06	-6.70	-7.25	-7.63	-7.81	-7.81	-7.81	-7.81	-7.81	-7.81	-7.81	-7.81	-7.81	-7.81		
35	-43.2	-2.88	-0.74	-0.48	0.30	1.16	2.03	2.57	2.47	1.60	0.24	-0.81	-1.64	-2.40	-3.05	-3.40	-3.61	-3.66	-3.70	-3.78	-4.10	-4.64	-5.34	-6.04	-6.66	-7.19	-7.63	-7.90	-8.04	-8.04	-8.04	-8.04	-8.04	-8.04	-8.04	-8.04		
40	-43.2	-2.99	-0.74	-0.68	0.08	0.80	1.66	2.24	2.59	1.57	0.46	-1.03	-2.13	-2.60	-2.77	-3.10	-3.27	-3.40	-3.44	-3.48	-3.66	-4.04	-4.54	-5.24	-5.94	-6.56	-7.02	-7.39	-7.54	-7.54	-7.54	-7.54	-7.54	-7.54	-7.54	-7.54		
45	-43.2	-3.09	-0.74	-0.88	0.29	1.11	1.95	2.48	2.42	1.80	0.71	-0.55	-1.68	-2.41	-2.74	-3.17	-3.36	-3.50	-3.57	-3.62	-3.69	-4.11	-4.61	-5.31	-5.98	-6.45	-6.77	-7.02	-7.02	-7.02	-7.02	-7.02	-7.02	-7.02	-7.02	-7.02		
50	-43.2	-3.17	-0.62	-1.04	0.34	1.60	1.83	2.31	2.29	1.91	1.01	0.07	-0.91	-1.76	-2.39	-2.98	-3.37	-3.63	-3.65	-3.64	-3.64	-4.14	-4.68	-5.38	-6.03	-6.52	-6.86	-7.00	-7.00	-7.00	-7.00	-7.00	-7.00	-7.00	-7.00	-7.00		
55	-43.2	-3.26	-0.53	-1.23	0.41	1.89	2.05	2.35	2.19	1.90	1.16	0.16	-0.82	-1.70	-2.28	-2.84	-3.16	-3.38	-3.48	-3.48	-3.48	-4.00	-4.54	-5.24	-5.89	-6.38	-6.72	-6.86	-6.86	-6.86	-6.86	-6.86	-6.86	-6.86	-6.86	-6.86		
60	-43.2	-3.35	-0.35	-1.43	0.29	0.87	1.59	1.89	1.72	1.54	1.30	1.07	0.76	-0.33	-0.56	-1.05	-1.26	-1.38	-1.44	-1.41	-1.35	-1.29	-1.19	-1.05	-0.82	-0.50	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10		
65	-43.2	-3.44	-0.42	-1.61	0.16	0.56	0.87	1.25	1.30	1.25	1.23	1.30	1.34	1.12	0.46	-0.74	-1.29	-1.42	-1.28	-1.16	-1.04	-0.86	-0.65	-0.43	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
70	-43.2	-3.53	-0.61	-1.81	0.01	0.01	0.73	0.71	0.76	0.83	0.88	0.89	1.27	1.59	1.65	1.17	0.00	-1.82	-4.21	-6.40	-7.25	-7.90	-8.46	-8.95	-9.30	-9.49	-9.49	-9.49	-9.49	-9.49	-9.49	-9.49	-9.49	-9.49	-9.49	-9.49		
75	-43.2	-3.63	-0.62	-1.84	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		
80	-43.2	-3.73	-0.64	-1.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
85	-43.2	-3.84	-0.68	-1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
90	-43.2	-3.94	-0.76	-2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
95	-43.2	-4.09	-1.08	-2.11	0.54	0.38	0.20	0.61	1.23	1.37	1.34	0.66	0.32	0.40	-0.50	-1.15	-2.18	-3.63	-5.76	-8.12	-9.88	-13.17	-15.64	-17.76	-19.36	-20.54	-21.36	-21.92	-22.28	-22.48	-22.58	-22.68	-22.78	-22.88	-22.98	-23.08		
100	-43.2	-4.24	-1.01	-1.24	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40		
105	-43.2	-4.39	-2.21	-0.40	0.35	0.47	0.72	1.49	2.35	2.65	2.71	1.33	0.56	0.26	-1.38	-2.26	-3.25	-4.15	-5.17	-6.29	-7.59	-9.15	-10.92	-12.85	-14.84	-16.86	-18.86	-20.86	-22.86	-24.86	-26.86	-28.86	-30.86	-32.86	-34.86	-36.86		
110	-43.2	-4.56	-2.46	-0.85	0.18	0.47	0.89	1.74	2.61	2.88	2.98	1.46	0.65	0.46	-1.48	-2.47	-3.68	-4.98	-6.21	-7.51	-9.06	-10.96	-13.01	-15.18	-17.46	-19.84	-22.32	-24.88	-27.44	-29.99	-32.54	-35.09	-37.64	-40.19	-42.74	-45.29		
115	-43.2	-4.74	-2.72	-0.84	0.05	0.39	0.84	1.79	2.60	2.78	2.78	1.15	0.07	0.07	0.06	0.18	-0.29	-1.40	-2.60	-4.00	-5.60	-7.40	-9.40	-11.60	-13.90	-16.20	-18.50	-20.80	-23.10	-25.40	-27.70	-30.00	-32.30	-34.60	-36.90	-39.20		
120	-43.2	-4.93	-3.04	-1.00	-0.30	-0.21	0.03	1.63	2.35	2.42	1.93	0.33	0.74	-1.91	-3.46	-4.68	-5.23	-5.68	-6.14	-6.54	-6.97	-7.40	-7.84	-8.28	-8.71	-9.14	-9.57	-10.00	-10.43	-10.86	-11.29	-11.72	-12.15	-12.58	-13.01	-13.44		
125	-43.2	-5.06	-3.21	-1.06	-0.36	-0.17	0.44	-0.06	1.54	2.15	2.12	0.14	0.06	0.41	-1.70	-2.98	-3.86	-4.52	-5.04	-5.51	-5.98	-6.44	-6.89	-7.34	-7.79	-8.24	-8.69	-9.14	-9.59	-10.04	-10.49	-10.94	-11.39	-11.84	-12.29	-12.74		
130	-43.2	-5.20	-3.36	-1.20	-0.23	-0.53	0.01	0.97	1.11	1.15	0.33	-0.86	-1.59	-2.38	-3.06	-3.62	-4.02	-4.29	-4.51	-4.69	-4.85	-5.01	-5.16	-5.31	-5.46	-5.61	-5.76	-5.91	-6.06	-6.21	-6.36	-6.51	-6.66	-6.81	-6.96	-7.11		
135	-43.2	-5.32	-4.28	-1.25	-1.00	-1.12	-0.68	-0.38	0.13	0.47	0.07	-0.86	-1.46	-2.14	-2.68	-3.18	-3.58	-3.84	-4.04	-4.24	-4.44	-4.64	-4.84	-5.04	-5.24	-5.44	-5.64	-5.84	-6.04	-6.24	-6.44	-6.64	-6.84	-7.04	-7.24	-7.44		
140	-43.2	-5.47	-4.73	-1.30	-1.24	-1.08	-1.66	-1.63	-1.06	-0.33	-0.22	-0.73	-1.17	-1.34	-1.48	-1.54	-1.59	-1.62	-1.63	-1.64	-1.65	-1.66	-1.67	-1.68	-1.69	-1.70	-1.71	-1.72	-1.73	-1.74	-1.75	-1.76	-1.77	-1.78	-1.79	-1.80		
145	-43.2	-5.56	-4.93	-1.29	-1.18	-1.27	-2.06	-2.02	-1.50	-0.89	-0.40	-0.40	-0.84	-0.40	0.42	0.00	-0.47	-0.84	-1.04	-1.14	-1.24	-1.34	-1.44	-1.54	-1.64	-1.74	-1.84	-1.94	-2.04	-2.14	-2.24	-2.34	-2.44	-2.54	-2.64			
150	-43.2	-5.66	-5.03	-1.27	-1.14	-1.04	-1.86	-1.82	-1.30	-0.69	-0.20	-0.20	-0.64	-0.20	0.40	0.00	-0.47	-0.84	-1.04	-1.14	-1.24	-1.34	-1.44	-1.54	-1.64	-1.74	-1.84	-1.94	-2.04	-2.14	-2.24	-2.34	-2.44	-2.54	-2.64			
155	-43.2	-5.76	-5.13	-1.26	-1.13	-1.03	-1.96	-1.92	-1.40	-0.79	-0.30	-0.30	-0.74	-0.30	0.40	0.00	-0.47	-0.84	-1.04	-1.14	-1.24	-1.34	-1.44	-1.54	-1.64	-1.74	-1.84	-1.94	-2.04	-2.14	-2.24	-2.34	-2.44	-2.54	-2.64			
160	-43.2	-5.86	-5.23	-1.25	-1.12	-1.02	-2.09	-2.05	-1.50	-0.89	-0.40	-0.40	-0.84	-0.40	0.40	0.00	-0.47	-0.84	-1.04	-1.14	-1.24	-1.34	-1.44	-1.54	-1.64	-1.74	-1.84	-1.94	-2.04	-2.14	-2.24	-2.34	-2.44	-2.54	-2.64			
165	-43.2	-5.97	-5.34	-1.24	-1.11	-1.01	-2.22	-2.18	-1.60	-0.99	-0.50	-0.50	-0.94	-0.50	0.40	0.00	-0.47	-0.84	-1.04	-1.14	-1.24	-1.34	-1.44	-1.54	-1.64	-1.74	-1.84	-1.94	-2.04	-2.14	-2.24	-2.34	-2.44	-2.54	-2.64			
170	-43.2	-6.07	-5.44	-1.23	-1.10	-1.00	-2.35	-2.31	-1.70	-1.09	-0.60	-0.60	-1.04	-0.60	0.40	0.00	-0.47	-0.84	-1.04	-1.14	-1.24	-1.34	-1.44	-1.54	-1.64	-1.74												

Regulatory WIFI Antenna Information 73/98

Ph Age	Response	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180
Response	0	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response
0	-1.10	-1.52	-1.39	-1.74	-2.46	-3.15	-2.34	-2.60	-1.78	-1.20	-0.99	-0.94	-1.05	-1.18	-1.28	-1.31	-1.25	-1.41	-1.58	-1.90	-2.31	-2.74	-3.13	-3.55	-4.18	-5.15	-6.17	-6.52	-5.83	-4.83	-4.24	-4.26	-4.48	-5.76	-6.95	-6.94	-7.24	
1	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
2	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
3	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
4	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
5	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
6	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
7	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
8	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
9	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
10	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
11	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
12	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
13	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
14	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
15	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
16	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
17	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
18	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
19	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
20	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
21	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
22	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
23	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
24	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
25	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
26	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
27	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
28	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
29	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
30	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
31	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
32	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
33	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.10	-1.28	-1.58	-1.99	-2.47	-2.97	-3.43	-4.13	-5.22	-6.37	-6.78	-6.05	-4.98	-4.41	-4.43	-4.65	-5.94	-7.14	-6.94	-7.24	
34	-1.10	-1.52	-1.39	-1.74	-2.34	-3.03	-2.24	-2.46	-1.62	-1.11	-0.76	-0.58	-0.68	-0.80	-0.91	-0.94	-0.96	-1.1																				

Time/Date	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180			
Ph.Anc	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response			
0	-4.59	-9.2	-4.25	0.82	2.32	2.99	3.30	3.60	3.90	4.03	3.79	3.15	2.38	1.65	1.09	0.41	0.09	-0.42	-0.63	-0.68	-0.68	-0.60	-0.77	-2.63	-3.72	-4.02	-4.00	-7.00	-7.05	-4.83	-5.06	-9.06	-10.00	-10.11	-11.17	-14.00	-24.73			
5	-1.75	-3.16	-4.46	-1.30	-0.28	1.22	1.32	1.57	1.73	1.80	1.39	0.73	0.15	-0.38	-0.70	-1.00	-0.73	-0.15	-0.13	-0.23	-0.28	-0.30	-0.26	-1.26	-2.44	-2.67	-2.68	-4.67	-4.71	-6.82	-7.16	-9.76	-10.47	-14.03	-16.06	-14.46	-24.73			
10	-0.59	-1.35	-0.57	-0.26	0.15	0.37	0.28	0.30	0.37	0.44	0.16	0.04	-0.15	-0.30	-0.47	-0.60	-0.37	0.02	0.02	0.02	0.02	0.02	0.02	-0.40	-0.70	-0.70	-0.70	-1.40	-1.40	-2.40	-2.40	-4.40	-4.40	-6.40	-6.40	-14.03	-24.73			
15	-0.59	-0.96	-1.83	-0.42	1.86	2.56	2.98	3.39	3.81	4.15	4.29	4.32	3.92	3.39	2.82	2.00	1.28	1.11	1.09	0.99	0.73	0.22	0.07	-0.13	-0.24	-0.10	-0.40	-0.40	-0.40	-0.29	-0.41	-0.36	-0.36	-1.12	-9.96	-13.76	-24.73			
20	-0.59	-0.42	-2.80	0.27	1.80	2.41	2.89	3.30	3.86	4.23	4.66	4.51	4.39	4.01	3.31	2.39	1.56	1.05	0.81	0.61	0.33	0.07	-0.07	-0.15	-0.36	-0.36	-0.10	-0.36	-0.36	-0.36	-0.29	-0.41	-0.48	-0.48	-1.00	-17.77	-13.76	-24.73		
25	-0.59	-0.49	-2.17	0.11	1.31	2.25	2.80	3.49	4.00	4.38	4.43	4.73	4.56	3.84	3.00	2.44	1.64	1.04	0.64	0.40	0.07	-0.10	-0.27	-0.37	-0.30	-0.30	-0.40	-0.40	-0.40	-0.44	-0.44	-0.44	-0.44	-0.91	-0.47	-13.33	-24.73			
30	-0.59	-0.49	-2.16	0.10	1.29	2.24	2.80	3.49	4.00	4.38	4.43	4.73	4.56	3.84	3.00	2.44	1.64	1.04	0.64	0.40	0.07	-0.10	-0.27	-0.37	-0.30	-0.30	-0.40	-0.40	-0.40	-0.44	-0.44	-0.44	-0.44	-0.91	-0.47	-13.33	-24.73			
35	-0.59	-0.41	-2.51	-0.28	1.86	2.80	3.60	4.26	4.73	4.73	4.82	4.86	4.84	4.74	3.75	2.72	1.60	0.35	-0.06	-0.16	-0.16	-0.16	-0.16	-0.34	-0.34	-0.24	-0.34	-0.34	-0.34	-0.34	-0.34	-0.34	-0.34	-0.79	-0.72	-13.33	-24.73			
40	-0.59	-0.77	-2.70	-0.52	0.78	1.68	2.68	3.65	4.36	4.73	4.90	5.07	4.96	4.59	3.86	3.16	2.23	1.26	0.20	-0.07	-0.24	-0.33	-0.42	-0.35	-0.30	-0.40	-0.40	-0.40	-0.42	-0.40	-0.40	-0.40	-0.73	-0.84	-11.14	-13.33	-24.73			
45	-0.59	-0.93	-2.93	-0.81	0.46	1.46	2.58	3.60	4.29	4.73	5.00	5.14	5.07	4.77	4.29	3.60	2.80	2.00	0.96	-0.28	-0.40	-0.29	-0.37	-0.37	-0.34	-0.34	-0.34	-0.34	-0.34	-0.34	-0.34	-0.34	-0.34	-0.34	-0.86	-11.14	-13.33	-24.73		
50	-0.59	-0.90	-3.14	-1.13	0.11	1.22	2.46	3.49	4.17	4.60	4.66	5.13	5.07	4.79	4.29	3.60	2.80	2.10	0.95	-0.32	-0.50	-0.29	-0.35	-0.35	-0.30	-0.30	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40		
55	-0.59	-0.90	-3.14	-1.13	0.11	1.22	2.46	3.49	4.17	4.60	4.66	5.13	5.07	4.79	4.29	3.60	2.80	2.10	0.95	-0.32	-0.50	-0.29	-0.35	-0.35	-0.30	-0.30	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40			
60	-0.59	-0.80	-3.87	-1.89	-0.68	0.74	2.27	3.36	4.02	4.46	4.77	4.71	4.32	3.79	3.24	2.40	1.64	0.68	-0.48	-0.62	-0.81	-0.63	-0.68	-0.38	-0.59	-0.59	-0.15	-0.48	-0.48	-0.28	-0.21	-0.02	-0.01	-0.00	-0.00	-0.00	-0.00	-0.00		
65	-0.59	-0.55	-3.95	-2.31	-1.11	0.51	2.24	3.41	4.07	4.50	4.65	4.55	4.36	3.71	3.01	2.38	1.64	0.68	-0.38	-0.54	-0.76	-0.76	-0.40	-0.42	-0.43	-0.44	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40			
70	-0.59	-0.76	-4.28	-2.75	-1.58	0.27	1.22	3.51	4.17	4.51	4.56	4.60	4.38	3.20	2.42	1.74	0.85	-0.33	-0.57	-0.82	-0.76	-0.49	-0.49	-0.48	-0.48	-0.48	-0.48	-0.48	-0.48	-0.48	-0.48	-0.48	-0.48	-0.48	-0.48	-0.48	-0.48	-0.48		
75	-0.59	-0.80	-4.80	-3.46	-2.18	0.14	0.38	2.18	3.49	4.00	4.38	4.43	4.73	4.56	3.84	3.00	2.44	1.64	1.04	0.64	0.40	0.07	-0.10	-0.27	-0.37	-0.30	-0.30	-0.40	-0.40	-0.40	-0.44	-0.44	-0.44	-0.44	-0.91	-0.47	-13.33	-24.73		
80	-0.59	-0.58	-4.86	-3.14	-2.55	0.20	3.30	3.40	4.07	4.38	4.39	3.97	3.33	2.60	1.51	0.61	0.45	-0.26	-0.36	-0.76	-0.73	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40		
85	-0.59	-0.51	-5.15	-4.05	-3.12	-0.82	1.72	3.21	3.74	3.78	3.56	2.92	1.89	0.76	-0.38	-0.78	-0.56	-0.48	-0.43	-0.81	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40		
90	-0.59	-0.23	-5.40	-4.40	-3.64	-1.39	1.22	2.71	3.18	3.12	3.10	2.57	1.43	0.18	-0.28	-0.75	-0.42	-0.55	-0.64	-0.92	-0.50	-0.42	-0.38	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40		
95	-0.59	-0.43	-5.66	-4.68	-4.48	-3.00	-0.24	0.53	1.88	2.41	2.56	2.54	2.09	0.55	0.12	-0.48	-0.57	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	
100	-0.59	-0.43	-6.04	-4.97	-4.76	-3.41	-0.21	0.61	1.27	2.4	2.6	2.6	2.1	0.58	0.12	-0.48	-0.57	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	
105	-0.59	-0.45	-6.07	-4.96	-4.71	-3.42	-0.23	0.61	1.27	2.4	2.6	2.6	2.1	0.58	0.12	-0.48	-0.57	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	-0.56	-0.48	
110	-0.59	-0.58	-6.25	-5.15	-4.85	-0.41	-0.14	-0.78	-0.09	-0.97	-2.40	-3.91	-4.33	-3.81	-2.44	-1.38	-0.61	-0.78	-0.97	-0.81	-0.71	-0.80	-0.70	-0.42	-0.28	-0.48	-0.42	-0.28	-0.48	-0.42	-0.28	-0.48	-0.42	-0.28	-0.48	-0.42	-0.28	-0.48	-0.42	
115	-0.59	-0.62	-6.4	-5.25	-4.93	-0.45	-0.30	-1.58	-0.53	-0.94	-2.80	-4.54	-5.03	-4.39	-3.84	-2.81	-1.25	-0.48	-0.71	-0.53	-0.70	-0.56	-0.82	-0.58	-0.38	-0.48	-0.42	-0.38	-0.48	-0.42	-0.38	-0.48	-0.42	-0.38	-0.48	-0.42	-0.38	-0.48	-0.42	
120	-0.59	-0.62	-6.4	-5.25	-4.93	-0.45	-0.30	-1.58	-0.53	-0.94	-2.80	-4.54	-5.03	-4.39	-3.84	-2.81	-1.25	-0.48	-0.71	-0.53	-0.70	-0.56	-0.82	-0.58	-0.38	-0.48	-0.42	-0.38	-0.48	-0.42	-0.38	-0.48	-0.42	-0.38	-0.48	-0.42	-0.38	-0.48	-0.42	
125	-0.59	-0.66	-6.72	-5.62	-5.14	-0.29	-0.59	-0.98	-1.88	-2.80	-4.90	-4.80	-4.30	-3.30	-2.31	-0.63	-1.53	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55	
130	-0.59	-0.65	-6.80	-5.74	-5.35	-0.61	-0.20	-0.60	-1.23	-1.30	-2.85	-3.93	-4.31	-3.79	-2.86	-1.34	-0.55	-0.44	-0.33	-0.28	-0.23	-0.24	-0.78	-0.47	-0.37	-0.56	-0.47	-0.37	-0.56	-0.47	-0.37	-0.56	-0.47	-0.37	-0.56	-0.47	-0.37	-0.56	-0.47	
135	-0.59	-0.62	-7.03	-6.04	-5.66	-0.40	-0.60	-0.46	-1.84	-2.45	-3.73	-3.97	-3.74	-3.22	-2.51	-1.60	-0.55	-0.28	-0.49	-0.35	-0.43	-0.29	-0.49	-0.36	-0.49	-0.36	-0.49	-0.36	-0.49	-0.36	-0.49	-0.36	-0.49	-0.36	-0.49	-0.36	-0.49	-0.36	-0.49	
140	-0.59	-0.62	-7.03	-6.04	-5.66	-0.40	-0.60	-0.46	-1.84	-2.45	-3.73	-3.97	-3.74	-3.22	-2.51	-1.60	-0.55	-0.28	-0.49	-0.35	-0.43	-0.29	-0.49	-0.36	-0.49	-0.36	-0.49	-0.36	-0.49	-0.36	-0.49	-0.36	-0.49	-0.36	-0.49	-0.36	-0.49	-0.36	-0.49	
145	-0.59	-0.66	-7.31	-6.02	-6.06	-0.33	-0.59	-1.55	-2.91	-3.85	-2.80	-2.95	-2.73	-2.17	-1.37	-0.27	-0.80	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	-0.32	
150	-0.59	-0.64	-7.42	-7.28	-7.15	-0.62	-0.68	-0.33	-1.58	-0.31	-1.40	-2.81	-2.14	-2.12	-2.10	-1.53	-0.81	-0.65	-0.12	-0.44	-0.28	-0.81	-0.18	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40	
155	-0.59	-0.30	-7.40	-7.75	-7.80	-0.74	-0.23	-0.48	-0.98	-0.99	-1.11	-1.44	-1.70	-1.39	-0.60	-0.28	-0.46	-0.80	-0.80	-0.80	-0.78	-0.20	-0.48	-0.38	-0.20	-0.48	-0.38	-0.20	-0.48	-0.38	-0.20	-0.48	-0.38	-0.20	-0.48	-0.38	-0.20	-0.48	-0.38	
160	-0.59	-0.47	-7.50	-8.40	-8.47	-0.93	-0.68	-0.07	-2.02	-1.05	-0.87	-0.68	-0.84	-0.44	-0.15	-0.46	-0.84	-0.44	-0.15	-0.46	-0.84	-0.44	-0.15	-0.46	-0.84	-0.44	-0.15	-0.46	-0.84	-0.44	-0.15	-0.46	-0.84	-0.44	-0.15	-0.46	-0.84	-0.44	-0.15	-0.46
165	-0.59	-0.46	-7.50	-8.40	-8.47	-0.93	-0.68	-0.07	-2.02	-1.05	-0.87	-0.68	-0.84	-0.44																										

7125 Theta(Angle)		0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180		
Phi(Angle)	Theta(Angle)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)		
0	1.97	3.04	3.03	4.05	4.10	3.03	3.34	2.02	2.54	2.65	3.03	2.65	2.65	3.03	3.34	2.02	2.54	2.65	3.03	2.65	2.65	3.03	3.34	2.02	2.54	2.65	3.03	3.34	2.02	2.54	2.65	3.03	2.65	2.65	3.03	3.34	2.02	2.54	2.65	3.03
5	1.97	3.05	3.72	4.06	4.00	3.79	3.32	2.64	2.55	2.59	2.85	2.11	3.09	2.67	1.86	0.76	4.57	-2.13	-4.08	-6.82	-4.43	4.84	-7.15	-7.54	-8.01	-8.03	-8.05	-8.42	-8.83	-9.31	-9.87	-10.38	-10.85	-11.31	-11.77	-12.23	-12.69	-13.15	-13.61	
10	1.97	3.07	4.07	4.06	4.00	3.88	3.30	2.64	2.57	2.61	2.87	2.11	3.09	2.67	1.86	0.76	4.57	-2.13	-4.08	-6.82	-4.43	4.84	-7.15	-7.54	-8.01	-8.03	-8.05	-8.42	-8.83	-9.31	-9.87	-10.38	-10.85	-11.31	-11.77	-12.23	-12.69	-13.15	-13.61	
15	1.97	3.07	3.76	4.00	4.01	4.11	3.94	3.71	3.50	3.28	3.09	2.85	2.51	1.90	1.25	0.34	-0.58	-1.95	-2.86	-4.42	-7.26	-8.42	-9.30	-7.94	-4.40	-3.47	-4.07	-5.03	-6.34	-8.26	-10.72	-13.16	-15.71	-18.31	-21.01	-23.85	-26.80	-30.00		
20	1.97	3.06	3.76	4.10	4.16	4.00	3.88	3.03	3.62	3.29	2.86	2.27	1.50	0.57	-0.43	-1.30	-2.27	-3.60	-4.29	-7.25	-8.47	-9.17	-8.24	-4.23	-3.11	-4.00	-5.78	-8.04	-10.90	-13.96	-16.98	-20.00	-23.00	-26.00	-29.00	-32.00	-35.00			
25	1.97	3.05	3.75	4.10	4.21	4.22	4.17	4.04	3.70	3.37	2.88	2.04	1.08	-0.02	-1.14	-2.22	-3.25	-4.40	-7.84	-9.10	-7.98	-8.03	-4.10	-3.10	-4.40	-6.04	-8.14	-10.82	-13.91	-17.23	-20.76	-24.44	-28.28	-32.22	-36.26	-40.40				
30	1.97	3.03	3.73	4.08	4.24	4.30	4.27	4.11	3.81	3.34	2.65	1.67	0.44	-0.54	-1.25	-2.46	-3.46	-4.46	-5.40	-6.79	-8.13	-9.02	-8.46	-4.08	-3.10	-4.40	-6.04	-8.14	-10.82	-13.91	-17.23	-20.76	-24.44	-28.28	-32.22	-36.26	-40.40			
35	1.97	3.00	3.68	4.06	4.26	4.28	4.16	3.98	3.76	3.60	3.26	2.36	1.06	-0.26	-1.40	-2.42	-3.42	-4.36	-5.40	-6.79	-8.13	-9.02	-8.46	-4.08	-3.10	-4.40	-6.04	-8.14	-10.82	-13.91	-17.23	-20.76	-24.44	-28.28	-32.22	-36.26	-40.40			
40	1.97	2.95	3.62	4.00	4.22	4.31	4.24	4.02	3.60	3.18	2.60	1.60	0.46	-0.55	-1.30	-2.46	-3.46	-4.46	-5.40	-6.79	-8.13	-9.02	-8.46	-4.08	-3.10	-4.40	-6.04	-8.14	-10.82	-13.91	-17.23	-20.76	-24.44	-28.28	-32.22	-36.26	-40.40			
45	1.97	2.90	3.53	3.82	4.17	4.25	4.15	3.93	3.60	3.07	2.39	1.07	0.29	-1.48	-1.91	-3.00	-4.00	-5.00	-6.00	-7.00	-8.00	-9.00	-10.00	-11.00	-12.00	-13.00	-14.00	-15.00	-16.00	-17.00	-18.00	-19.00	-20.00	-21.00	-22.00	-23.00	-24.00			
50	1.97	2.84	3.42	3.81	4.00	4.13	4.03	3.62	3.54	2.99	2.04	0.89	-0.13	-1.40	-2.28	-3.23	-4.26	-5.26	-6.26	-7.26	-8.26	-9.26	-10.26	-11.26	-12.26	-13.26	-14.26	-15.26	-16.26	-17.26	-18.26	-19.26	-20.26	-21.26	-22.26	-23.26	-24.26			
55	1.97	2.78	3.30	3.70	3.88	3.98	3.88	3.38	3.30	2.73	1.78	0.63	-0.37	-1.30	-2.02	-2.81	-3.61	-4.41	-5.21	-6.01	-6.81	-7.61	-8.41	-9.21	-10.01	-10.81	-11.61	-12.41	-13.21	-14.01	-14.81	-15.61	-16.41	-17.21	-18.01	-18.81	-19.61			
60	1.97	2.67	3.12	3.50	3.34	3.91	3.74	3.60	3.55	3.34	2.68	1.46	0.18	-0.43	-1.11	-1.04	-1.55	-2.34	-3.04	-3.57	-4.33	-4.83	-5.63	-6.33	-7.13	-7.93	-8.73	-9.53	-10.33	-11.13	-11.93	-12.73	-13.53	-14.33	-15.13	-15.93				
65	1.97	2.57	2.94	3.31	3.04	3.76	3.59	3.51	3.59	3.30	2.12	0.70	0.43	-0.15	-0.84	-1.20	-1.24	-1.67	-2.40	-3.14	-3.44	-4.04	-4.54	-5.14	-5.64	-6.24	-6.74	-7.34	-7.84	-8.44	-8.94	-9.54	-10.14	-10.64	-11.24	-11.74				
70	1.97	2.46	2.72	3.07	3.48	3.60	3.44	3.43	3.61	3.34	1.35	2.64	2.31	2.11	1.90	1.57	0.97	-0.02	-1.34	-2.74	-4.40	-7.06	-9.31	-11.41	-13.41	-15.41	-17.41	-19.41	-21.41	-23.41	-25.41	-27.41	-29.41	-31.41	-33.41	-35.41				
75	1.97	2.34	2.40	2.80	3.27	3.43	3.30	3.36	3.59	3.09	2.50	1.80	1.33	1.00	0.81	1.00	1.57	1.14	0.39	-0.41	-1.71	-3.05	-5.70	-7.10	-8.40	-9.40	-10.40	-11.40	-12.40	-13.40	-14.40	-15.40	-16.40	-17.40	-18.40	-19.40				
80	1.97	2.23	2.21	2.40	2.80	3.32	3.24	3.27	3.49	2.76	2.06	1.36	0.86	0.60	0.40	0.50	1.00	0.80	-0.10	-1.40	-2.70	-4.00	-5.30	-6.60	-7.90	-9.20	-10.50	-11.80	-13.10	-14.40	-15.70	-17.00	-18.30	-19.60	-20.90	-22.20				
85	1.97	2.08	1.91	2.11	2.71	3.03	3.03	3.15	3.40	3.20	2.30	1.52	0.47	-0.55	-1.00	-1.01	-0.98	-1.01	-0.98	-1.01	-0.98	-1.01	-0.98	-1.01	-0.98	-1.01	-0.98	-1.01	-0.98	-1.01	-0.98	-1.01	-0.98	-1.01	-0.98	-1.01	-0.98			
90	1.97	1.84	1.88	1.72	2.39	2.79	2.84	2.96	3.19	3.21	2.00	1.20	0.15	-0.31	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86			
95	1.97	1.78	1.74	1.27	2.00	2.50	2.60	2.68	2.85	2.86	1.54	0.74	0.07	-0.47	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24			
100	1.97	1.64	0.86	0.76	1.36	2.14	2.27	2.24	2.36	2.30	1.14	0.15	-0.17	-0.28	-0.53	-0.28	-0.40	-0.22	-0.44	-0.76	-1.40	-2.06	-2.72	-3.38	-4.04	-4.70	-5.36	-6.02	-6.68	-7.34	-8.00	-8.66	-9.32	-9.98	-10.64	-11.30				
105	1.97	1.40	0.47	0.15	1.05	1.78	1.81	1.75	1.87	1.80	0.88	-0.47	-0.28	-0.16	-0.50	-0.44	-0.84	-0.79	-1.16	-1.52	-1.88	-2.24	-2.60	-2.96	-3.32	-3.68	-4.04	-4.40	-4.76	-5.12	-5.48	-5.84	-6.20	-6.56	-6.92	-7.28				
110	1.97	1.34	0.07	-0.41	0.47	1.21	1.30	1.00	0.83	0.52	0.07	-0.48	-0.00	-0.32	-0.19	-0.68	-1.16	-1.27	-1.39	-1.56	-1.62	-1.65	-1.68	-1.71	-1.74	-1.77	-1.80	-1.83	-1.86	-1.89	-1.92	-1.95	-1.98	-2.01	-2.04	-2.07				
115	1.97	1.19	-0.34	-1.11	0.49	0.68	0.62	0.66	0.28	0.12	-0.44	-0.88	-0.82	0.94	-0.58	-0.88	-1.02	-1.05	-1.08	-1.16	-1.24	-1.32	-1.40	-1.48	-1.56	-1.64	-1.72	-1.80	-1.88	-1.96	-2.04	-2.12	-2.20	-2.28	-2.36	-2.44				
120	1.97	1.05	-0.74	-1.03	-0.90	-0.04	-0.08	-0.40	-0.10	-0.11	-0.91	-1.30	-0.96	0.06	0.07	-0.20	-0.86	-0.40	-0.50	-0.47	-0.24	-0.42	-0.58	-0.62	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60			
125	1.97	0.89	-1.13	-0.26	-1.08	-0.27	-0.87	-1.46	-1.26	-1.30	-1.64	-1.56	-1.39	0.15	1.31	0.25	-0.44	-0.88	-1.15	-1.20	-1.10	-1.05	-0.98	-0.91	-0.84	-0.77	-0.70	-0.63	-0.56	-0.49	-0.42	-0.35	-0.28	-0.21	-0.14	-0.07	0.00			
130	1.97	0.76	-1.40	-0.35	-0.52	-1.56	-1.70	-2.31	-2.34	-2.50	-2.00	-1.85	1.00	1.40	2.42	2.57	2.00	0.97	-1.20	-1.46	-1.60	-1.74	-1.87	-2.00	-2.13	-2.26	-2.39	-2.52	-2.65	-2.78	-2.91	-3.04	-3.17	-3.30	-3.43	-3.56	-3.69			
135	1.97	0.67	-1.81	-0.11	-1.42	-2.40	-2.57	-3.18	-3.20	-3.40	-2.80	-3.33	0.71	1.55	2.27	2.67	2.40	1.58	-0.28	-0.55	-0.81	-1.12	-1.29	-1.47	-1.65	-1.82	-1.99	-2.16	-2.33	-2.50	-2.67	-2.84	-3.01	-3.18	-3.35	-3.52	-3.69			
140	1.97	0.57	-2.00	-0.82	-0.34	-3.30	-3.50	-4.18	-3.70	-3.20	-3.40	-2.80	-3.59	1.17	1.70	2.14	2.14	1.40	-0.30	-0.79	-1.06	-1.38	-1.60	-1.76	-1.92	-2.08	-2.24	-2.40	-2.56	-2.72	-2.88	-3.04	-3.20	-3.36	-3.52	-3.68				
145	1.97	0.48	-2.25	-0.40	-0.32	-4.40	-4.48	-5.34	-4.72	-4.24	-3.94	-3.54	-4.31	1.51	1.91	2.25	2.24	1.03	-0.38	-0.85	-1.15	-1.47	-1.69	-1.85	-2.01	-2.17	-2.33	-2.49	-2.65	-2.81	-2.97	-3.13	-3.29	-3.45	-3.61	-3.77				
150	1.97	0.42	-2.47	-0.27	-0.24	-5.40	-5.48	-6.40	-5.68	-5.18	-4.88	-4.48	-5.25	1.81	2.11	2.35	2.34	1.13	-0.48	-0.95	-1.25	-1.57	-1.79	-1.95	-2.11	-2.27	-2.43	-2.59	-2.75	-2.91	-3.07	-3.23	-3.39	-3.55	-3.71	-3.87	-4.03			
155	1.97	0.35	-2.50	-0.10	-0.70	-6.40	-6.47	-7.40	-6.68	-6.18	-5.88	-5.48	-6.25	2.01	2.21	2.31	2.31	1.41	-0.61	-1.07	-1.37	-1.67	-1.89	-2.05	-2.21	-2.37	-2.53	-2.69	-2.85	-3.01	-3.17	-3.33	-3.49	-3.65	-3.81	-3.97	-4.13			
160	1.97	0.31	-2.51	-0.08	-0.52	-7.40	-7.47	-8.40	-7.68	-7.18	-6.88	-6.48	-7.25	2.10	2.30	2.34	2.34	1.60	-0.69	-1.15	-1.45	-1.75	-1.97	-2.13	-2.29	-2.45	-2.61	-2.77	-2.93	-3.09	-3.25	-3.41	-3.57	-3.73	-3.89	-4.05	-4.21			
165	1.97	0.28	-2.45	-0.07	-0.27	-7.85	-7.94	-8.94	-8.13	-7.63	-7.33	-6.93	-7.70	2.10	2.30	2.34	2.34	1.80	-0.82	-1.28	-1.58	-1.88</																		

Ph.Anc	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180
Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response
0	4.05	4.45	4.09	3.13	3.13	2.44	2.19	1.78	1.32	0.83	0.29	0.27	-0.84	-1.36	-1.80	-2.17	-2.50	-2.84	-3.18	-3.53	-3.88	-4.23	-4.57	-4.91	-5.26	-5.60	-5.94	-6.28	-6.62	-6.96	-7.30	-7.64	-7.98	-8.32	-8.66	-9.00	-9.34
5	4.05	4.45	4.16	3.71	3.39	2.64	2.09	1.54	0.96	0.33	-0.26	-0.56	-1.73	-2.33	-2.81	-3.18	-3.56	-3.90	-4.26	-4.60	-4.95	-5.30	-5.64	-5.99	-6.33	-6.67	-7.01	-7.35	-7.69	-8.03	-8.37	-8.71	-9.05	-9.39	-9.73	-10.07	
10	4.05	4.45	4.30	3.67	3.29	2.49	2.00	1.40	0.79	0.18	-0.41	-0.86	-1.98	-2.59	-3.07	-3.44	-3.81	-4.18	-4.55	-4.92	-5.29	-5.66	-6.03	-6.39	-6.75	-7.11	-7.47	-7.83	-8.19	-8.55	-8.91	-9.27	-9.63	-9.99	-10.35		
15	4.05	4.46	4.36	3.59	3.26	2.34	2.08	1.30	0.63	-0.19	-0.80	-1.39	-2.07	-2.64	-3.14	-3.62	-4.09	-4.52	-4.95	-5.38	-5.80	-6.22	-6.64	-7.06	-7.48	-7.90	-8.32	-8.74	-9.16	-9.58	-10.00	-10.42	-10.84	-11.26	-11.68	-12.10	
20	4.05	4.46	4.38	3.39	3.47	2.05	2.17	1.45	0.68	0.15	-1.06	-2.00	-2.91	-3.75	-4.60	-5.05	-5.48	-5.97	-6.36	-6.74	-7.12	-7.50	-7.88	-8.26	-8.64	-9.02	-9.40	-9.78	-10.16	-10.54	-10.92	-11.30	-11.68	-12.06	-12.44		
25	4.05	4.44	4.46	3.38	3.30	2.35	2.61	1.67	0.87	0.07	-0.79	-1.68	-2.58	-3.44	-4.26	-4.69	-5.03	-5.44	-5.85	-6.23	-6.61	-6.99	-7.37	-7.75	-8.13	-8.51	-8.89	-9.27	-9.65	-10.03	-10.41	-10.79	-11.17	-11.55	-11.93		
30	4.05	4.42	4.39	3.14	3.26	2.10	2.36	1.50	0.76	0.01	-1.04	-1.93	-2.82	-3.69	-4.52	-4.90	-5.28	-5.66	-6.04	-6.42	-6.80	-7.18	-7.56	-7.94	-8.32	-8.70	-9.08	-9.46	-9.84	-10.22	-10.60	-10.98	-11.36	-11.74	-12.12		
35	4.05	4.37	4.53	3.38	3.36	2.30	2.90	1.46	0.84	0.19	-0.46	-1.32	-2.04	-2.90	-3.64	-4.17	-4.53	-4.90	-5.26	-5.62	-5.98	-6.34	-6.70	-7.06	-7.42	-7.78	-8.14	-8.50	-8.86	-9.22	-9.58	-9.94	-10.30	-10.66	-11.02		
40	4.05	4.74	4.66	4.40	3.80	3.47	2.90	2.34	1.79	1.25	0.72	0.15	-0.51	-1.30	-2.24	-3.00	-3.71	-4.16	-4.57	-4.97	-5.36	-5.75	-6.14	-6.53	-6.92	-7.31	-7.70	-8.09	-8.48	-8.87	-9.26	-9.65	-10.04	-10.43	-10.82		
45	4.05	4.77	4.72	4.00	3.81	3.62	3.09	2.67	2.09	1.43	1.17	0.68	0.08	-0.67	-1.62	-2.40	-3.00	-3.42	-3.83	-4.24	-4.65	-5.06	-5.47	-5.88	-6.29	-6.70	-7.11	-7.52	-7.93	-8.34	-8.75	-9.16	-9.57	-9.98	-10.39		
50	4.05	4.80	4.70	4.23	3.75	3.26	2.70	2.33	1.83	1.00	0.62	0.20	-1.15	-2.20	-3.00	-3.58	-3.78	-4.24	-4.60	-4.95	-5.30	-5.64	-5.99	-6.33	-6.67	-7.01	-7.35	-7.69	-8.03	-8.37	-8.71	-9.05	-9.39	-9.73	-10.07		
55	4.05	4.80	4.70	4.36	3.39	3.26	2.34	2.08	1.30	0.63	-0.19	-0.80	-1.39	-2.07	-2.64	-3.14	-3.62	-4.09	-4.52	-4.95	-5.38	-5.80	-6.22	-6.64	-7.06	-7.48	-7.90	-8.32	-8.74	-9.16	-9.58	-10.00	-10.42	-10.84	-11.26		
60	4.05	4.80	4.80	3.71	3.39	2.34	2.90	1.46	0.84	0.19	-0.46	-1.32	-2.04	-2.90	-3.64	-4.17	-4.53	-4.90	-5.26	-5.62	-5.98	-6.34	-6.70	-7.06	-7.42	-7.78	-8.14	-8.50	-8.86	-9.22	-9.58	-9.94	-10.30	-10.66			
65	4.05	4.80	4.82	3.70	3.44	2.02	2.57	2.14	2.76	2.40	2.00	1.59	1.14	0.67	0.17	-0.42	-1.27	-2.03	-2.73	-3.43	-4.13	-4.82	-5.51	-6.20	-6.89	-7.58	-8.27	-8.96	-9.65	-10.34	-11.03	-11.72	-12.41	-13.10			
70	4.05	4.90	4.95	4.00	4.00	3.61	3.20	2.83	2.40	2.00	1.61	1.03	0.33	-0.46	-1.42	-2.50	-3.75	-5.15	-6.62	-8.17	-9.71	-11.25	-12.78	-14.31	-15.84	-17.37	-18.90	-20.43	-21.96	-23.49	-25.02	-26.55	-28.08	-29.61			
75	4.05	4.92	4.90	3.63	3.39	2.30	2.83	2.28	2.00	1.40	0.76	0.13	-0.51	-1.30	-2.24	-3.00	-3.71	-4.16	-4.57	-4.97	-5.36	-5.75	-6.14	-6.53	-6.92	-7.31	-7.70	-8.09	-8.48	-8.87	-9.26	-9.65	-10.04	-10.43			
80	4.05	4.93	4.90	4.34	4.35	3.08	3.23	2.88	2.51	2.07	1.51	0.81	0.01	-0.53	-1.34	-2.31	-3.18	-4.05	-4.92	-5.79	-6.66	-7.53	-8.40	-9.27	-10.14	-11.01	-11.88	-12.75	-13.62	-14.49	-15.36	-16.23	-17.10	-17.97			
85	4.05	4.94	5.00	4.04	4.06	3.61	3.22	2.88	2.51	2.04	1.44	0.64	-0.28	-1.30	-2.33	-3.53	-4.74	-6.00	-7.39	-8.80	-10.28	-11.74	-13.19	-14.65	-16.10	-17.56	-19.01	-20.47	-21.92	-23.38	-24.83	-26.28	-27.74	-29.19			
90	4.05	4.94	5.00	4.03	4.47	3.02	3.58	3.20	2.87	2.50	1.99	1.31	0.44	-0.59	-1.71	-2.88	-4.09	-5.32	-6.57	-7.80	-9.08	-10.38	-11.68	-12.98	-14.28	-15.57	-16.87	-18.16	-19.45	-20.74	-22.03	-23.32	-24.61	-25.90			
95	4.05	4.95	5.00	4.02	4.46	3.00	3.57	3.17	2.85	2.47	1.93	1.18	0.21	-0.92	-1.71	-3.32	-4.49	-5.62	-6.64	-7.67	-8.72	-9.75	-10.73	-11.71	-12.69	-13.67	-14.65	-15.63	-16.61	-17.59	-18.57	-19.55	-20.53				
100	4.05	4.95	4.96	4.00	4.46	3.00	3.54	3.17	2.84	2.40	1.86	1.06	0.15	-0.44	-1.28	-2.48	-3.69	-4.91	-6.12	-7.32	-8.52	-9.71	-10.90	-12.09	-13.28	-14.47	-15.66	-16.85	-18.04	-19.23	-20.42	-21.61	-22.80				
105	4.05	4.95	4.98	4.00	4.45	3.06	3.45	3.11	2.84	2.47	1.88	1.00	-0.15	-1.44	-2.68	-3.72	-4.68	-5.59	-6.45	-7.30	-8.15	-9.00	-9.85	-10.70	-11.55	-12.40	-13.25	-14.10	-14.95	-15.80	-16.65	-17.50	-18.35				
110	4.05	4.94	4.97	4.73	4.29	3.87	3.39	2.87	2.55	2.08	1.48	0.72	-0.46	-1.28	-2.28	-3.08	-3.86	-4.64	-5.42	-6.20	-6.98	-7.76	-8.54	-9.32	-10.10	-10.88	-11.66	-12.44	-13.22	-14.00	-14.78	-15.56	-16.34				
115	4.05	4.93	4.94	4.23	3.73	3.32	3.09	2.94	2.80	2.19	1.34	0.16	-1.21	-2.52	-3.55	-4.15	-4.40	-4.68	-4.92	-5.16	-5.40	-5.64	-5.88	-6.12	-6.36	-6.60	-6.84	-7.08	-7.32	-7.56	-7.80	-8.04	-8.28				
120	4.05	4.92	4.92	4.02	4.34	3.27	3.04	3.29	3.10	2.60	2.00	1.03	0.63	-0.72	-1.93	-3.27	-4.15	-4.68	-4.82	-4.99	-5.16	-5.32	-5.49	-5.65	-5.82	-5.98	-6.14	-6.30	-6.46	-6.62	-6.78	-6.94	-7.10	-7.26			
125	4.05	4.91	4.95	4.22	3.78	3.32	3.14	3.17	3.10	2.40	1.70	0.84	0.19	-0.42	-1.28	-2.24	-3.00	-3.68	-4.36	-5.04	-5.72	-6.40	-7.08	-7.76	-8.44	-9.12	-9.80	-10.48	-11.16	-11.84	-12.52	-13.20	-13.88				
130	4.05	4.90	4.96	4.05	4.35	3.52	3.17	3.10	3.21	3.29	3.12	2.96	1.69	0.48	-0.94	-2.42	-3.84	-5.04	-5.77	-6.79	-7.85	-8.90	-9.94	-10.97	-12.00	-13.03	-14.06	-15.09	-16.12	-17.15	-18.18	-19.21	-20.24				
135	4.05	4.88	4.83	4.06	3.99	3.45	3.10	3.06	3.23	3.30	3.30	2.87	2.68	0.92	-0.46	-1.80	-3.54	-5.02	-6.14	-6.99	-7.66	-8.32	-8.98	-9.64	-10.30	-10.96	-11.62	-12.28	-12.94	-13.60	-14.26	-14.92	-15.58				
140	4.05	4.88	4.80	4.06	3.93	3.30	3.00	2.98	3.17	3.26	3.32	2.96	2.22	1.15	-0.19	-1.70	-3.39	-4.93	-6.30	-7.17	-7.87	-8.56	-9.25	-9.94	-10.63	-11.32	-12.01	-12.70	-13.39	-14.08	-14.77	-15.46	-16.15				
145	4.05	4.88	4.80	4.05	3.93	3.33	3.00	2.98	3.16	3.25	3.30	2.92	2.18	1.10	-0.27	-1.70	-3.32	-4.86	-6.23	-7.40	-8.27	-8.96	-9.65	-10.34	-11.03	-11.72	-12.41	-13.10	-13.79	-14.48	-15.17	-15.86	-16.55				
150	4.05	4.85	4.90	4.04	3.88	3.25	2.84	2.71	2.81	2.94	2.90	2.56	1.87	0.84	-0.46	-1.94	-3.50	-5.00	-6.40	-7.75	-9.00	-10.30	-11.62	-12.94	-14.26	-15.57	-16.88	-18.19	-19.50	-20.81	-22.12	-23.43	-24.74				
155	4.05	4.80	4.80	4.33	3.78	3.19	2.74	2.54	2.55	2.40	2.50	2.12	1.41	0.36	-0.46	-2.30	-3.58	-4.40	-5.44	-6.44	-7.44	-8.44	-9.44	-10.44	-11.44	-12.44	-13.44	-14.44	-15.44	-16.44	-17.44	-18.44	-19.44				
160	4.05	4.78	4.86	4.29	3.75	3.15	2.65	2.37	2.28	2.22	2.04	1.60	0.84	-0.23	-1.56	-3.30	-4.51	-5.41	-6.30	-7.15	-8.00	-8.84	-9.68	-10.52	-11.36	-12.20	-13.04	-13.88	-14.72	-15.56	-16.40	-17.24					
165	4.05	4.78	4.86	4.29	3.75	3.12	2.59	2.23	2.02	1.86	1.57	1.00	0.27	-0.42	-1.11	-2.44	-4.08	-5.40	-6.59	-7.55	-8.45	-9.30	-10.14	-11.00	-11.84	-12.68	-13.52	-14.36	-15.20	-16.04	-16.88	-17.72	-18.56				
170	4.05	4.72	4.78	4.11	3.55	3.15	2.55	2.15	2.00	1.80	1.40	0.70	0.10	-0.40	-1.10	-2.20	-3.50	-4.80	-6.10	-7.40	-8.70	-10.00	-11.30	-12.60	-13.90	-15.20	-16.50	-17.80	-19.10	-20.40	-21.70	-23.00	-24.30				
175	4.05	4.76	4.85	4.20	3.70	3.11	2.54	2.06	1.65	1.28	0.79	0.19	-0.62	-1.62	-2.75	-3.86	-4.74	-5.35	-6.79	-8.21	-9.64	-11.06	-12.48	-13.90	-15.32	-16.74	-18.16	-19.58	-21.00	-22.42	-23.84	-25.26	-26.68				
180	4.05	4.67	4.57	4.17	3.88	3.13	2.57	2.05	1.57	1.00	0.56	0.09	-0.88	-1.83	-2.80	-3.83	-4.54	-5.10	-6.05	-7.32	-8.61																

[illegible]

5850 Theta(Angle)		0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180
Phi(Angle)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)
0	3.05	4.04	4.98	5.40	5.30	4.29	2.76	1.41	0.91	1.02	1.11	0.74	-0.13	-1.52	-3.00	-4.20	-4.72	-4.30	-3.03	-1.70	-0.00	-1.42	-4.49	-5.13	-4.07	-2.30	-4.39	-8.02	-6.07	-10.90	-12.04	-12.30	-11.87	-11.90	-13.03	-14.75	-15.43	
5	3.05	3.97	4.85	5.38	5.28	4.32	2.75	1.19	0.40	0.44	0.43	0.42	0.43	-0.92	-3.00	-4.08	-4.57	-5.62	-4.46	-3.05	-3.03	-4.19	-4.73	-5.48	-4.46	-2.93	-4.46	-9.37	-7.07	-12.25	-10.89	-12.74	-12.16	-11.25	-13.21	-14.80	-15.43	
10	3.05	3.92	4.75	5.27	5.17	4.20	2.73	1.16	0.28	0.28	0.27	0.26	0.27	-0.80	-2.97	-4.06	-4.55	-5.60	-4.44	-3.03	-3.01	-4.16	-4.70	-5.43	-4.43	-2.89	-4.42	-9.30	-7.03	-12.10	-10.74	-12.59	-12.04	-11.13	-13.09	-14.68	-15.31	
15	3.05	3.80	4.56	5.08	5.03	4.26	2.64	1.13	-0.23	-0.62	-0.94	-1.18	-1.90	-3.00	-4.20	-4.77	-5.80	-5.11	-5.64	-5.46	-4.46	-4.46	-5.46	-6.46	-5.46	-4.46	-9.16	-11.01	-13.12	-12.48	-13.33	-12.66	-12.97	-13.00	-13.73	-15.03	-15.43	
20	3.05	3.70	4.30	4.86	4.84	4.14	2.59	1.30	-0.40	-0.90	-1.40	-2.15	-3.20	-4.11	-7.80	-11.81	-13.55	-9.92	4.93	4.41	-4.96	-5.24	-6.05	-7.15	-6.28	-4.20	-6.07	-12.65	-12.46	-13.57	-12.66	-12.67	-13.43	-13.66	-14.43	-15.14	-15.43	
25	3.05	3.60	4.19	4.61	4.60	4.04	2.59	1.71	0.52	-0.40	-1.35	-2.57	-4.27	-4.47	-11.10	-12.33	-13.33	-10.63	4.03	4.51	-4.96	-5.46	-6.05	-7.15	-6.28	-4.10	-11.00	-13.10	-13.10	-14.80	-14.50	-13.87	-13.28	-13.81	-14.13	-14.93	-15.43	
30	3.05	3.40	3.98	4.32	4.30	3.82	2.80	1.90	1.07	0.27	-0.75	-2.23	-4.22	-4.52	-8.85	-10.79	-11.40	-10.32	-4.90	-5.28	-4.40	-4.30	-4.79	-5.96	-6.85	-12.88	-12.19	-13.23	-13.07	-13.82	-13.86	-14.11	-14.58	-14.98	-15.14	-15.43		
35	3.05	3.20	3.68	4.02	4.00	3.52	2.81	2.10	1.16	0.40	-0.70	-2.12	-4.10	-4.40	-9.10	-11.62	-12.46	-11.46	-4.40	-4.74	-4.40	-4.12	-4.68	-5.91	-6.80	-13.00	-12.30	-13.34	-13.18	-13.90	-13.94	-14.19	-14.70	-14.98	-15.14	-15.43		
40	3.05	3.27	3.62	3.80	3.65	3.11	2.50	1.97	1.57	1.00	0.23	-1.12	-2.81	-4.68	-6.15	-7.24	-7.71	-7.60	-6.02	-4.19	-4.00	-4.37	-5.20	-6.30	-6.83	-11.58	-11.58	-13.30	-13.30	-13.98	-14.00	-14.64	-14.64	-14.98	-15.14	-15.43		
45	3.05	3.15	3.29	3.34	3.12	2.61	2.00	1.65	1.29	0.94	0.20	-1.01	-2.65	-4.40	-6.44	-6.40	-6.17	-5.18	-4.68	-4.40	-4.40	-4.40	-5.40	-6.40	-7.40	-8.40	-12.40	-13.40	-14.00	-14.00	-14.72	-14.72	-14.98	-15.14	-15.43	-15.43		
50	3.05	3.04	3.07	3.02	2.70	2.07	1.36	0.80	0.67	0.40	-0.22	-1.30	-2.79	-4.42	-6.80	-8.40	-8.40	-8.40	-5.79	-5.17	-5.13	-5.65	-6.56	-7.54	-8.68	-10.68	-10.68	-10.68	-10.68	-11.03	-11.03	-11.74	-12.74	-13.40	-14.40	-15.43		
55	3.05	2.97	2.90	2.73	2.31	1.66	1.07	0.60	0.50	0.20	-0.40	-1.11	-2.23	-4.00	-6.26	-8.40	-8.40	-8.40	-5.79	-5.17	-5.13	-5.65	-6.56	-7.54	-8.68	-10.68	-10.68	-10.68	-10.68	-11.03	-11.03	-11.74	-12.74	-13.40	-14.40	-15.43		
60	3.05	2.82	2.67	2.50	2.02	1.14	0.80	0.57	-0.04	-0.25	-1.04	-3.02	-4.73	-6.63	-8.53	-10.23	-9.63	-9.00	-8.00	-7.22	-6.44	-5.66	-4.96	-3.96	-2.74	-4.53	-11.42	-13.30	-14.21	-14.11	-12.93	-13.03	-13.96	-13.96	-14.16	-13.77	-15.43	
65	3.05	2.72	2.52	2.34	1.80	0.97	0.16	-0.30	-0.45	-0.70	-2.40	-3.99	-6.13	-8.33	-10.64	-11.74	-12.94	-12.99	-11.36	-8.62	-7.40	-6.40	-5.40	-4.40	-3.40	-2.20	-4.27	-10.30	-12.18	-13.09	-13.09	-13.26	-13.36	-13.26	-13.46	-13.46	-15.43	
70	3.05	2.62	2.39	2.20	1.91	1.00	0.05	-0.74	-1.10	-1.50	-2.53	-4.40	-7.06	-8.44	-10.30	-11.00	-12.10	-13.33	-13.20	-11.00	-10.28	-9.76	-9.22	-8.70	-7.72	-3.72	-8.15	-11.10	-12.87	-12.73	-11.00	-10.47	-9.91	-9.78	-10.03	-13.10	-15.43	
75	3.05	2.54	2.31	2.31	2.11	1.40	0.63	0.00	-0.33	-0.65	-1.11	-2.07	-3.87	-6.55	-9.54	-9.51	-10.07	-10.13	-12.38	-11.74	-10.40	-9.47	-8.96	-8.42	-7.90	-6.82	-4.00	-10.00	-10.88	-11.10	-11.00	-10.42	-9.76	-10.00	-12.97	-15.37	-15.43	
80	3.05	2.46	2.30	2.40	2.40	2.02	1.37	0.10	-0.10	-0.10	-1.62	-4.00	-6.40	-7.16	-8.40	-9.16	-9.40	-9.16	-10.40	-10.16	-9.40	-8.68	-8.16	-7.64	-6.80	-4.00	-10.04	-10.88	-11.00	-10.32	-9.68	-9.76	-10.00	-12.96	-15.37	-15.43		
85	3.05	2.39	2.25	2.41	2.83	2.59	2.08	1.54	1.05	0.24	-0.32	-3.68	-5.77	-6.01	-8.40	-9.40	-9.40	-9.40	-10.40	-10.40	-9.40	-8.68	-8.16	-7.64	-6.80	-4.00	-10.04	-10.88	-11.00	-10.32	-9.68	-9.76	-10.00	-12.96	-15.37	-15.43		
90	3.05	2.33	2.27	2.02	3.22	3.11	2.60	1.90	1.30	0.30	-0.36	-3.57	-5.14	-7.46	-9.63	-10.40	-9.63	-9.63	-10.40	-10.40	-9.63	-8.91	-8.39	-7.87	-7.00	-4.00	-10.04	-10.88	-11.00	-10.32	-9.68	-9.76	-10.00	-12.96	-15.37	-15.43		
95	3.05	2.28	2.30	2.34	3.58	3.52	2.95	2.15	1.22	0.82	-0.88	-3.66	-4.73	-6.16	-7.11	-7.57	-6.90	-6.93	-7.02	-11.18	-10.48	-12.28	-10.75	-10.52	-10.58	-9.55	-8.81	-9.05	-10.10	-10.20	-13.28	-12.48	-11.67	-12.86	-15.10	-15.43		
100	3.05	2.24	2.26	2.34	3.81	3.80	3.11	2.07	0.87	-0.50	-1.25	-3.78	-4.56	-6.16	-7.12	-7.60	-6.96	-6.97	-7.16	-11.42	-10.51	-12.50	-13.88	-11.74	-11.51	-10.51	-9.51	-8.81	-9.05	-10.10	-10.20	-13.28	-12.48	-11.67	-12.86	-15.10	-15.43	
105	3.05	2.20	2.21	2.40	4.08	4.04	3.34	2.08	1.01	0.38	-0.96	-4.20	-4.96	-6.44	-7.46	-7.94	-7.28	-7.28	-7.46	-11.76	-10.85	-12.83	-13.94	-13.43	-12.47	-11.47	-10.47	-9.47	-8.81	-9.05	-10.10	-10.20	-13.28	-12.48	-11.67	-12.86	-15.10	-15.43
110	3.05	2.18	2.46	3.36	4.21	3.97	2.94	1.45	-0.12	-0.40	-1.40	-3.29	-4.30	-5.55	-6.44	-6.44	-5.34	-5.16	-7.03	-11.44	-10.55	-12.57	-13.59	-13.01	-12.01	-11.01	-9.91	-9.01	-9.01	-10.10	-10.20	-13.28	-12.48	-11.67	-12.86	-15.10	-15.43	
115	3.05	2.15	2.50	3.65	4.28	3.90	2.70	1.07	-0.48	-0.46	-1.94	-2.52	-3.78	-4.19	-4.72	-4.78	-3.88	-3.00	-4.85	-10.44	-11.52	-11.64	-12.64	-12.64	-11.64	-10.64	-9.64	-8.64	-8.64	-9.64	-10.64	-10.64	-11.64	-12.64	-13.64	-14.64	-15.43	
120	3.05	2.14	2.53	3.70	4.25	3.77	2.44	0.76	-0.60	-0.14	-1.22	-3.43	-3.85	-4.23	-4.89	-5.06	-2.17	-1.24	-3.68	-10.57	-11.65	-11.65	-12.65	-12.65	-11.65	-10.65	-9.65	-8.65	-8.65	-9.65	-10.65	-10.65	-11.65	-12.65	-13.65	-14.65	-15.43	
125	3.05	2.13	2.41	3.57	4.18	3.60	2.36	0.40	-0.40	-0.40	-1.40	-2.40	-3.40	-3.40	-4.40	-4.40	-3.40	-2.40	-4.80	-10.68	-11.76	-11.76	-12.76	-12.76	-11.76	-10.76	-9.76	-8.76	-8.76	-9.76	-10.76	-10.76	-11.76	-12.76	-13.76	-14.76	-15.43	
130	3.05	2.12	2.35	3.68	4.11	3.45	2.04	-0.60	-0.00	-0.00	-1.11	-3.15	-3.75	-4.00	-4.50	-4.22	-3.00	-2.05	-5.05	-10.80	-11.90	-11.90	-12.90	-12.90	-11.90	-10.90	-9.90	-8.90	-8.90	-9.90	-10.90	-10.90	-11.90	-12.90	-13.90	-14.90	-15.43	
135	3.05	2.11	2.54	3.64	4.00	3.32	1.80	0.70	0.44	0.70	0.90	0.23	-1.40	-3.90	-5.14	-5.00	-3.80	-3.61	-5.21	-11.51	-12.60	-12.60	-13.60	-13.60	-12.60	-11.60	-10.60	-9.60	-9.60	-10.60	-10.60	-11.60	-12.60	-13.60	-14.60	-15.43		
140	3.05	2.12	2.51	3.57	3.90	3.20	1.60	0.34	1.11	1.03	1.40	1.34	0.39	-1.40	-3.23	-3.27	-3.72	-4.61	-6.04	-12.77	-13.38	-13.38	-14.38	-14.38	-13.38	-12.38	-11.38	-10.38	-10.38	-11.38	-12.38	-13.38	-14.38	-15.43	-15.43			
145	3.05	2.12	2.47	3.47	3.79	3.20	1.50	0.23	1.53	1.62	1.96	1.70	0.50	-1.38	-3.40	-3.40	-4.11	-4.71	-6.08	-12.77	-13.42	-13.42	-14.42	-14.42	-13.42	-12.42	-11.42	-10.42	-10.42	-11.42	-12.42	-13.42	-14.42	-15.43	-15.43			
150	3.05	2.13	2.41	3.37	3.68	3.20	1.40	0.20	1.67	1.76	2.10	1.84	0.60	-1.38	-3.40	-3.40	-4.11	-4.71	-6.08	-12.77	-13.42	-13.42	-14.42	-14.42	-13.42	-12.42	-11.42	-10.42	-10.42	-11.42	-12.42	-13.42	-14.42	-15.43	-15.43			
155	3.05	2.14	2.30	3.25	3.60	3.20	1.23	0.63	2.35	2.55	2.76	2.40	1.22	-0.33	-1.19	-0.76	0.16	0.65	0.12	-1.42	-4.00	-10.23	-13.40	-13.40	-14.40	-14.40	-13.40	-12.40	-11.40	-10.40	-10.40	-11.40	-12.40	-13.40	-14.40	-15.43		
160	3.05	2.17	2.31	3.13	3.50	3.26	2.82	0.63	2.76	2.93	2.85	2.46	1.73	0.07	-0.40	0.22	0.65	1.13	0.66	-0.56	-3.35	-4.34	-9.17	-12.84	-12.84	-13.84	-13.84	-12.84	-11.84	-10.84	-10.84	-11.84	-12.84	-13.84	-14.84	-15.43		
165	3.05	2.19	2.29	3.01	3.40	3.26																																

7125 Theta(Angle)		0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180
Phi(Angle °)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	
0	3.42	2.81	2.50	2.41	2.42	2.38	2.37	2.41	2.36	2.02	1.34	0.39	-0.68	-1.63	-2.38	-2.78	-2.71	-2.54	-2.05	-1.21	-0.10	5.00	-5.69	-6.41	-7.21	-8.11	-9.04	-9.93	-10.86	-11.33	-12.44	-14.19	-14.89	-14.23	-14.41	-14.54		
5	3.42	2.81	2.52	2.41	2.43	2.40	2.44	2.46	2.54	2.56	2.27	1.40	0.27	-1.13	-2.35	-3.14	-3.48	-3.48	-3.04	-2.06	-0.82	5.30	-6.38	-7.20	-8.21	-9.18	-10.15	-11.05	-12.07	-11.48	-12.18	-14.00	-14.74	-14.14	-14.55	-14.54		
10	3.42	2.81	2.51	2.41	2.43	2.40	2.45	2.47	2.56	2.57	2.26	1.40	0.17	-1.01	-2.08	-2.85	-3.14	-3.04	-2.54	-1.50	-0.42	5.42	-6.52	-7.34	-8.35	-9.36	-10.30	-11.23	-12.24	-11.65	-12.34	-14.16	-14.90	-14.30	-14.71	-14.70		
15	3.42	2.80	2.53	2.59	2.43	2.62	2.65	2.71	2.76	2.56	1.44	-0.94	-1.76	-1.17	-3.88	-4.10	-3.48	-3.38	-2.85	-1.82	-0.71	-0.13	-0.02	-1.13	-1.82	-2.83	-3.86	-4.82	-5.72	-6.61	-7.52	-8.43	-9.34	-10.24	-11.14	-12.04	-12.94	
20	3.42	2.92	2.72	2.73	2.75	2.72	2.67	2.63	2.51	2.08	1.32	-0.40	-2.13	-3.44	-3.89	-4.00	-3.22	-2.45	-1.30	-0.39	-0.44	-0.16	-0.14	-0.15	-0.18	-0.19	-0.16	-0.05	-0.08	-0.24	-0.22	-0.24	-0.48	-0.56	-0.70	-0.84	-0.94	
25	3.42	2.96	2.83	2.89	2.91	2.79	2.61	2.42	2.15	1.83	1.04	-0.82	-2.51	-3.77	-4.25	-4.36	-3.47	-2.42	-1.04	-0.84	-0.48	-0.37	-0.24	-0.14	-0.08	-0.04	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84	
30	3.42	3.01	2.96	3.07	3.07	2.84	2.47	2.07	1.62	1.01	0.80	-1.23	-2.77	-4.04	-4.75	-5.07	-4.34	-3.27	-1.49	-0.91	-0.54	-0.32	-0.19	-0.11	-0.05	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84	
35	3.42	3.07	3.04	3.20	3.20	2.86	2.28	1.64	0.86	0.21	-0.40	-1.50	-2.84	-4.06	-5.11	-5.10	-4.10	-2.82	-1.44	-0.86	-0.50	-0.29	-0.16	-0.09	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84	
40	3.42	3.12	3.21	3.44	3.42	2.93	2.13	1.23	0.37	-0.40	-1.13	-2.80	-4.59	-6.08	-7.16	-7.06	-5.65	-4.00	-2.61	-1.60	-0.98	-0.56	-0.32	-0.18	-0.09	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84
45	3.42	3.18	3.33	3.62	3.59	3.03	2.05	0.96	-0.04	-0.82	-1.29	-2.85	-4.56	-6.04	-7.02	-6.74	-5.17	-3.14	-1.85	-1.05	-0.62	-0.32	-0.17	-0.08	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84	
50	3.42	3.25	3.46	3.78	3.76	3.15	2.10	0.92	-0.11	-0.87	-1.11	-2.77	-4.39	-5.25	-6.12	-6.44	-4.80	-2.95	-1.61	-0.73	-0.40	-0.16	-0.08	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84		
55	3.42	3.31	3.51	3.79	3.76	3.25	2.15	1.01	0.00	-0.43	-0.77	-2.37	-3.81	-4.50	-5.27	-5.36	-4.00	-2.43	-1.30	-0.70	-0.36	-0.19	-0.10	-0.05	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84		
60	3.42	3.37	3.67	4.04	4.04	3.34	2.46	1.35	0.41	-0.34	-0.93	-2.54	-3.98	-4.54	-5.33	-5.36	-4.33	-2.61	-1.42	-0.78	-0.42	-0.24	-0.13	-0.07	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84	
65	3.42	3.43	3.77	4.14	4.14	3.45	2.61	1.61	0.69	-0.14	-1.00	-2.22	-3.31	-3.90	-4.66	-4.50	-3.42	-2.04	-1.09	-0.58	-0.30	-0.16	-0.08	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84		
70	3.42	3.49	3.85	4.22	4.22	3.37	2.80	1.79	0.81	-0.15	-1.31	-2.80	-4.37	-4.54	-5.07	-4.18	-3.08	-1.47	-0.89	-0.44	-0.23	-0.13	-0.07	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84		
75	3.42	3.52	3.82	4.28	4.28	3.35	2.85	1.80	0.77	0.30	-0.54	-2.07	-4.42	-4.65	-5.13	-4.73	-3.48	-1.65	-0.95	-0.54	-0.28	-0.15	-0.08	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84		
80	3.42	3.60	3.89	4.32	4.28	3.36	2.92	1.64	0.86	0.21	-0.40	-1.50	-2.84	-4.06	-5.11	-5.10	-4.10	-2.82	-1.44	-0.86	-0.50	-0.29	-0.16	-0.09	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84	
85	3.42	3.65	4.06	4.36	4.29	3.37	2.74	1.60	0.55	-0.29	-0.97	-1.51	-2.81	-4.04	-4.94	-4.55	-3.47	-2.37	-1.03	-0.54	-0.28	-0.15	-0.08	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84		
90	3.42	3.71	4.11	4.36	4.29	3.64	2.67	1.56	0.66	0.12	-0.18	-0.40	-0.83	-1.76	-3.62	-5.00	-4.39	-2.94	-1.51	-0.79	-0.40	-0.22	-0.13	-0.07	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84	
95	3.42	3.76	4.16	4.37	4.18	3.56	2.64	1.69	1.01	0.87	0.51	0.35	-0.07	-1.17	-3.31	-4.61	-3.50	-2.45	-1.30	-0.70	-0.36	-0.19	-0.10	-0.05	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84		
100	3.42	3.81	4.21	4.37	4.12	3.68	2.69	2.00	1.25	0.89	0.79	0.34	-0.28	-1.50	-4.22	-5.38	-3.76	-2.18	-1.06	-0.56	-0.28	-0.15	-0.08	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84		
105	3.42	3.85	4.26	4.32	4.05	4.41	2.82	2.45	2.13	1.76	1.32	0.87	0.56	-0.41	-2.46	-4.08	-3.78	-2.47	-1.06	-0.57	-0.28	-0.15	-0.08	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84		
110	3.42	3.90	4.30	4.36	3.96	3.96	3.34	2.98	2.91	2.74	2.25	1.57	1.03	0.69	-0.40	-1.96	-3.25	-3.27	-1.99	-1.02	-0.50	-0.24	-0.13	-0.07	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84	
115	3.42	3.94	4.34	4.36	3.96	3.96	3.25	3.14	3.33	3.24	2.63	1.88	0.95	0.74	0.27	-1.40	-3.46	-3.46	-1.84	-0.89	-0.42	-0.20	-0.11	-0.06	-0.03	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84	
120	3.42	3.98	4.38	4.34	3.75	3.15	3.24	3.64	3.58	2.82	1.82	0.74	0.72	0.43	-1.76	-3.94	-3.84	-1.82	-0.85	-0.42	-0.20	-0.11	-0.06	-0.03	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84		
125	3.42	4.02	4.40	4.34	3.75	3.15	3.24	3.64	3.58	2.82	1.82	0.74	0.72	0.43	-1.76	-3.94	-3.84	-1.82	-0.85	-0.42	-0.20	-0.11	-0.06	-0.03	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84		
130	3.42	4.06	4.40	4.33	3.54	2.85	3.18	3.82	3.74	2.78	1.28	0.34	-0.49	-1.12	-2.61	-4.02	-3.15	-1.61	-0.95	-0.49	-0.24	-0.13	-0.07	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84		
135	3.42	4.08	4.51	4.34	3.46	2.66	3.01	3.70	3.64	2.80	1.28	0.35	-0.40	-1.64	-2.21	-4.40	-3.16	-1.82	-1.02	-0.44	-0.24	-0.13	-0.07	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84		
140	3.42	4.11	4.56	4.37	3.40	2.46	2.73	3.44	3.46	2.86	1.44	0.58	0.21	-0.90	-1.46	-2.84	-1.90	-1.03	-0.47	-0.23	-0.13	-0.07	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84			
145	3.42	4.13	4.60	4.48	3.40	2.29	2.36	3.07	3.22	3.23	1.73	1.08	0.40	-0.99	-1.60	-2.98	-1.90	-1.03	-0.47	-0.23	-0.13	-0.07	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84			
150	3.42	4.16	4.64	4.52	3.40	2.12	1.97	2.84	3.10	3.24	1.80	0.90	-0.86	-1.61	-2.97	-3.06	-1.90	-1.03	-0.47	-0.23	-0.13	-0.07	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84			
155	3.42	4.17	4.68	4.55	3.50	2.21	1.65	2.13	2.56	2.58	2.26	1.81	1.21	0.64	-1.36	-2.73	-1.58	-0.73	-0.38	-0.20	-0.11	-0.06	-0.03	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84			
160	3.42	4.19	4.72	4.64	3.75	2.30	1.51	1.72	2.24	2.47	2.37	2.02	1.45	0.59	-0.10	-0.53	-1.80	-1.44	-0.44	-0.24	-0.13	-0.07	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84			
165	3.42	4.19	4.75	4.73	3.87	2.68	1.64	1.52	1.96	2.33	2.35	2.01	1.42	0.78	0.56	1.22	-0.27	-1.47	-0.24	-0.13	-0.07	-0.04	-0.02	-0.01	-0.01	-0.04	-0.18	-0.24	-0.38	-0.48	-0.52	-0.64	-0.74	-0.84				
170	3.42	4.26	4.97	4.87	3.94	3.07	2.01	1.63	1.98	2.38	2.26	1.84	1.35	0.86																								

2462		Theta (deg)		Phi (deg)		0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180											
Response (dB)		Response (dB)		Response (dB)		Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)											
0	471	456	450	420	408	381	340	304	241	155	050	-072	-200	-322	-425	-501	-541	-562	-576	-581	-582	-582	-576	-562	-541	-501	-425	-322	-200	-155	-108	-81	-62	-43	-20	-10	-10	-10	-10	-10	-10	-10											
5	471	462	443	420	398	372	344	304	249	174	081	-026	-141	-253	-350	-428	-479	-518	-555	-580	-594	-600	-594	-579	-558	-530	-492	-444	-388	-325	-258	-195	-142	-97	-64	-41	-27	-17	-10	-6	-4	-3	-2										
10	471	468	439	416	393	367	339	300	245	170	092	-017	-132	-244	-341	-419	-470	-509	-546	-571	-585	-591	-585	-569	-548	-519	-481	-425	-369	-306	-243	-180	-127	-82	-49	-26	-13	-7	-4	-2	-1	-1	-1	-1									
15	471	465	435	408	385	359	331	292	237	165	099	-024	-139	-251	-348	-426	-477	-516	-553	-578	-592	-598	-592	-576	-555	-526	-488	-432	-376	-313	-250	-187	-134	-89	-56	-33	-20	-12	-7	-4	-2	-1	-1	-1									
20	471	462	431	405	381	355	327	288	233	162	106	-031	-146	-258	-355	-433	-484	-523	-560	-585	-599	-605	-605	-599	-583	-562	-533	-495	-439	-376	-313	-250	-187	-134	-89	-56	-33	-20	-12	-7	-4	-2	-1	-1	-1								
25	471	461	430	403	379	353	325	286	231	160	113	-038	-153	-265	-362	-440	-491	-530	-567	-592	-606	-612	-612	-606	-590	-569	-540	-502	-446	-383	-320	-257	-194	-141	-96	-63	-40	-24	-14	-8	-5	-3	-2	-1	-1								
30	471	460	429	401	377	351	323	284	229	159	120	-045	-160	-272	-369	-447	-498	-537	-574	-599	-613	-619	-619	-613	-597	-576	-547	-509	-453	-390	-327	-264	-201	-148	-103	-68	-45	-28	-16	-9	-6	-4	-3	-2	-1	-1							
35	471	459	427	399	375	349	321	282	227	158	127	-052	-167	-279	-376	-454	-505	-544	-581	-606	-620	-626	-626	-620	-604	-583	-554	-516	-460	-397	-334	-271	-208	-155	-110	-75	-52	-35	-21	-12	-7	-4	-2	-1	-1	-1							
40	471	458	426	397	373	347	319	280	225	157	134	-059	-174	-291	-388	-466	-517	-556	-593	-618	-632	-638	-638	-632	-616	-595	-566	-528	-472	-409	-346	-283	-220	-167	-122	-87	-64	-47	-30	-18	-10	-6	-4	-3	-2	-1	-1						
45	471	456	424	395	371	345	317	278	223	156	141	-066	-181	-304	-401	-479	-530	-569	-606	-631	-645	-651	-651	-645	-629	-608	-579	-541	-485	-422	-359	-296	-233	-170	-117	-82	-59	-42	-25	-14	-8	-5	-3	-2	-1	-1	-1						
50	471	454	422	393	369	343	315	276	221	155	148	-073	-188	-311	-408	-486	-537	-576	-613	-638	-652	-658	-658	-652	-636	-615	-586	-548	-492	-429	-366	-303	-240	-177	-124	-89	-66	-49	-32	-19	-11	-7	-4	-2	-1	-1	-1						
55	471	452	420	391	367	341	313	274	219	154	155	-080	-195	-318	-415	-493	-544	-583	-620	-645	-669	-675	-675	-669	-653	-632	-603	-565	-509	-446	-383	-320	-257	-194	-141	-96	-73	-56	-39	-22	-13	-8	-5	-3	-2	-1	-1	-1					
60	471	450	418	389	365	339	311	272	217	153	162	-087	-202	-325	-422	-500	-551	-590	-627	-652	-676	-682	-682	-676	-660	-639	-610	-572	-516	-453	-390	-327	-264	-201	-148	-103	-68	-45	-28	-16	-9	-6	-4	-3	-2	-1	-1	-1					
65	471	448	416	387	363	337	309	270	215	152	171	-094	-209	-332	-429	-507	-558	-597	-634	-659	-683	-689	-689	-683	-667	-646	-617	-579	-523	-460	-397	-334	-271	-208	-155	-110	-75	-52	-35	-21	-12	-7	-4	-2	-1	-1	-1	-1					
70	471	446	414	385	361	335	307	268	213	151	180	-101	-216	-339	-436	-514	-565	-604	-641	-666	-690	-696	-696	-690	-674	-653	-624	-586	-530	-467	-404	-341	-278	-215	-162	-117	-82	-59	-42	-25	-14	-8	-5	-3	-2	-1	-1	-1	-1				
75	471	444	412	383	359	333	305	266	211	150	189	-108	-223	-346	-443	-521	-572	-611	-648	-673	-697	-703	-703	-697	-681	-660	-631	-593	-537	-474	-411	-348	-285	-222	-169	-124	-89	-66	-49	-32	-19	-11	-7	-4	-2	-1	-1	-1	-1				
80	471	442	410	381	357	331	303	264	209	149	198	-115	-228	-359	-456	-534	-585	-624	-661	-686	-710	-716	-716	-710	-694	-673	-644	-606	-550	-487	-424	-361	-298	-235	-182	-137	-102	-67	-44	-27	-15	-8	-5	-3	-2	-1	-1	-1	-1				
85	471	440	408	379	355	329	301	262	207	148	207	-122	-241	-372	-469	-547	-598	-637	-674	-699	-723	-729	-729	-723	-707	-686	-657	-619	-563	-500	-437	-374	-311	-248	-185	-132	-97	-74	-57	-40	-23	-14	-8	-5	-3	-2	-1	-1	-1				
90	471	438	406	377	353	327	299	260	205	147	216	-129	-248	-381	-478	-556	-607	-646	-683	-708	-732	-738	-738	-732	-716	-695	-666	-628	-572	-509	-446	-383	-320	-257	-194	-141	-96	-73	-56	-39	-22	-13	-8	-5	-3	-2	-1	-1	-1				
95	471	436	404	375	351	325	297	258	203	146	225	-136	-257	-394	-491	-569	-620	-659	-696	-721	-745	-751	-751	-745	-729	-708	-679	-641	-585	-522	-459	-396	-333	-270	-207	-154	-109	-74	-51	-34	-17	-9	-6	-4	-3	-2	-1	-1	-1				
100	471	434	402	373	349	323	295	256	201	145	234	-143	-266	-403	-500	-578	-629	-668	-705	-730	-754	-760	-760	-754	-738	-717	-688	-650	-594	-531	-468	-405	-342	-279	-216	-163	-118	-83	-60	-43	-26	-15	-8	-5	-3	-2	-1	-1	-1				
105	471	432	400	371	347	321	293	254	200	144	243	-150	-271	-408	-505	-583	-634	-673	-710	-735	-759	-765	-765	-759	-743	-722	-693	-655	-599	-536	-473	-410	-347	-284	-221	-168	-123	-88	-65	-48	-31	-18	-10	-6	-4	-3	-2	-1	-1	-1			
110	471	430	398	369	345	319	291	252	197	143	252	-157	-276	-413	-510	-588	-639	-678	-715	-740	-764	-770	-770	-764	-748	-727	-698	-660	-604	-541	-478	-415	-352	-289	-226	-173	-128	-93	-70	-53	-36	-19	-11	-7	-4	-2	-1	-1	-1	-1			
115	471	428	396	367	343	317	289	250	195	142	261	-164	-285	-420	-517	-595	-646	-685	-722	-747	-771	-777	-777	-771	-755	-734	-705	-667	-611	-548	-485	-422	-359	-296	-233	-180	-135	-100	-77	-60	-43	-26	-15	-8	-5	-3	-2	-1	-1	-1			
120	471	426	394	365	341	315	287	248	193	141	270	-171	-292	-427	-524	-602	-653	-692	-729	-754	-778	-784	-784	-778	-762	-741	-712	-674	-618	-555	-492	-429	-366	-303	-240	-187	-142	-107	-84	-67	-50	-33	-16	-9	-6	-4	-3	-2	-1	-1	-1		
125	471	424	392	363	339	313	285	246	191	140	279	-178	-301	-434	-531	-609	-660	-700	-737	-762	-786	-792	-792	-786	-770	-749	-720	-682	-626	-563	-500	-437	-374	-311	-248	-185	-140	-105	-82	-65	-48	-31	-18	-10	-6	-4	-3	-2	-1	-1	-1		
130	471	422	390	361	337	311	283	244	189	139	288	-185	-308	-441	-538	-616	-667	-707	-744	-769	-793	-800	-800	-793	-777	-756	-727	-689	-633	-570	-507	-444	-381	-318	-255	-192	-147	-112	-87	-70	-53	-36	-19	-11	-7	-4	-2	-1	-1	-1	-1		
135	471	420	388	359	335	309	281	242	187	138	297	-192	-315	-448	-545	-623	-674	-714	-751	-776	-800	-806	-806	-800	-784	-763	-734	-696	-640	-577	-514	-451	-388	-325	-262	-209	-164	-129	-104	-89	-72	-55	-38	-21	-12	-7	-4	-2	-1	-1	-1	-1	
140	471	418	386	357	333	307	279	240	185	137	306	-199	-320	-453	-550	-628	-679	-719	-756	-781	-805	-811	-811	-805	-789	-768	-739	-701	-645	-582	-519	-456	-393	-330	-267	-214	-169	-134	-109	-94	-77	-60	-43	-26	-15	-8	-5	-3	-2	-1	-1	-1	
145	471	416	384	355	331	305	277	238	183	136	315	-206	-323	-456	-553	-631	-682	-722	-759	-784	-808	-814	-814	-808	-792	-771	-742	-704	-648	-585	-522	-459	-396	-333	-270	-217	-172	-137	-112	-97	-80	-63	-46	-29	-16	-9	-6	-4	-3	-2	-1	-1	-1
150	471	414	382	353	329	303	275	236	181	135	324	-213	-330	-463	-560	-638	-689	-729	-766	-791	-815	-821	-821	-815	-799	-778	-749	-711	-655	-592	-529	-466</																					

5850 Theta (Ant)		0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180			
Ph (Ant)	Ant	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)			
0	2.88	3.20	3.63	4.00	4.31	4.49	4.54	4.49	4.33	4.03	3.58	2.92	2.13	1.22	0.14	-0.19	-2.68	-4.09	-5.04	-5.48	-5.73	-5.92	-6.09	-6.36	-6.70	-6.46	-6.24	-6.07	-5.86	-5.62	-5.35	-5.08	-4.82	-4.54	-4.27	-4.00	-3.73	-3.46	-3.19	-2.92	
5	2.88	3.20	3.61	3.93	4.16	4.29	4.34	4.36	4.28	4.00	3.61	3.01	2.46	1.23	-0.08	-1.39	-2.98	-3.96	-4.10	-4.40	-4.46	-4.44	-4.77	-5.36	-6.06	-6.44	-6.74	-6.94	-7.04	-7.04	-6.94	-6.74	-6.46	-6.19	-5.93	-5.67	-5.41	-5.15	-4.89		
10	2.88	3.20	3.58	3.77	3.91	4.03	4.16	4.28	4.36	4.36	4.28	4.00	3.58	2.98	2.01	0.88	-0.36	-1.95	-3.10	-3.81	-4.07	-4.26	-4.36	-4.66	-5.36	-6.06	-6.46	-6.76	-6.96	-7.06	-7.06	-6.96	-6.76	-6.46	-6.19	-5.93	-5.67	-5.41	-5.15	-4.89	
15	2.88	3.20	3.54	3.77	3.91	4.03	4.16	4.28	4.36	4.36	4.28	4.00	3.58	2.98	2.01	0.88	-0.36	-1.95	-3.10	-3.81	-4.07	-4.26	-4.36	-4.66	-5.36	-6.06	-6.46	-6.76	-6.96	-7.06	-7.06	-6.96	-6.76	-6.46	-6.19	-5.93	-5.67	-5.41	-5.15	-4.89	
20	2.88	3.18	3.50	3.70	3.82	3.86	3.84	3.71	3.43	2.97	2.42	1.86	1.05	1.39	2.25	2.19	1.79	1.20	0.70	0.17	-0.86	-2.68	-4.73	-6.72	-8.76	-9.47	-9.70	-9.64	-9.40	-9.08	-8.72	-8.36	-7.96	-7.56	-7.16	-6.76	-6.36	-5.96	-5.56	-5.16	-4.76
25	2.88	3.16	3.45	3.64	3.77	3.84	3.79	3.64	3.09	2.55	2.15	1.74	2.40	2.70	2.82	2.88	2.84	2.01	1.06	0.16	-0.58	-1.95	-3.27	-5.16	-6.81	-8.32	-9.76	-9.77	-9.58	-9.26	-8.86	-8.46	-8.06	-7.66	-7.26	-6.86	-6.46	-6.06	-5.66	-5.26	-4.86
30	2.88	3.14	3.39	3.58	3.76	3.86	3.80	3.43	2.79	2.16	1.82	1.29	2.74	2.94	2.87	2.72	2.33	1.40	-0.38	-2.30	-3.18	-4.37	-5.82	-6.46	-7.66	-8.46	-9.06	-9.41	-9.07	-8.62	-8.23	-7.84	-7.45	-7.06	-6.67	-6.28	-5.89	-5.50	-5.11	-4.72	-4.33
35	2.88	3.13	3.37	3.56	3.73	3.86	3.87	3.37	2.55	1.93	1.59	1.36	2.88	2.89	2.51	2.10	1.64	0.98	-0.40	-2.66	-3.56	-4.76	-6.01	-6.66	-7.86	-8.66	-9.26	-9.70	-9.36	-8.91	-8.52	-8.13	-7.74	-7.35	-6.96	-6.57	-6.18	-5.79	-5.40	-5.01	-4.62
40	2.88	3.08	3.27	3.48	3.79	4.00	3.84	3.35	2.37	1.59	1.61	1.92	2.94	2.83	2.12	1.38	0.63	-0.62	-2.41	-3.13	-4.06	-5.09	-6.16	-6.96	-7.76	-8.56	-9.16	-9.60	-9.26	-8.81	-8.42	-8.03	-7.64	-7.25	-6.86	-6.47	-6.08	-5.69	-5.30	-4.91	-4.52
45	2.88	3.05	3.20	3.43	3.78	4.07	4.01	3.33	2.23	1.43	1.51	2.31	2.89	2.86	1.95	1.00	0.01	-1.01	-2.21	-3.35	-4.13	-5.20	-6.18	-7.04	-7.84	-8.64	-9.24	-9.68	-9.34	-8.89	-8.50	-8.11	-7.72	-7.33	-6.94	-6.55	-6.16	-5.77	-5.38	-4.99	
50	2.88	3.01	3.13	3.37	3.76	4.10	4.06	3.30	2.12	1.32	1.42	2.32	2.82	2.81	1.83	0.93	-0.49	-0.89	-2.10	-3.12	-3.84	-5.03	-6.08	-6.98	-7.84	-8.64	-9.24	-9.68	-9.34	-8.89	-8.50	-8.11	-7.72	-7.33	-6.94	-6.55	-6.16	-5.77	-5.38	-4.99	
55	2.88	3.00	3.16	3.39	3.78	4.12	4.06	3.18	2.04	1.26	1.34	2.26	2.81	2.82	1.83	0.93	-0.49	-0.89	-2.10	-3.12	-3.84	-5.03	-6.08	-6.98	-7.84	-8.64	-9.24	-9.68	-9.34	-8.89	-8.50	-8.11	-7.72	-7.33	-6.94	-6.55	-6.16	-5.77	-5.38	-4.99	
60	2.88	2.92	2.98	3.21	3.54	4.04	4.02	3.26	2.04	1.29	1.33	1.95	2.37	1.99	1.60	0.97	-0.80	-1.90	-3.02	-4.16	-4.82	-6.04	-6.98	-7.84	-8.64	-9.24	-9.68	-9.34	-8.89	-8.50	-8.11	-7.72	-7.33	-6.94	-6.55	-6.16	-5.77	-5.38	-4.99	-4.60	-4.21
65	2.88	2.87	2.89	3.11	3.53	3.84	3.97	3.27	2.13	1.40	1.44	1.88	2.12	1.40	-0.40	-0.73	-0.93	-3.02	-4.22	-5.22	-6.22	-7.22	-8.22	-9.22	-10.22	-11.22	-12.22	-13.22	-14.22	-15.22	-16.22	-17.22	-18.22	-19.22	-20.22	-21.22	-22.22	-23.22	-24.22	-25.22	
70	2.88	2.83	2.80	2.98	3.38	3.80	3.80	3.30	2.31	1.67	1.69	2.08	2.04	1.03	-1.27	-0.40	-0.44	-5.52	-7.24	-8.73	-9.68	-10.60	-11.60	-12.60	-13.60	-14.60	-15.60	-16.60	-17.60	-18.60	-19.60	-20.60	-21.60	-22.60	-23.60	-24.60	-25.60	-26.60	-27.60		
75	2.88	2.78	2.70	2.83	3.19	3.61	3.78	3.34	2.52	1.98	1.98	2.22	2.11	1.01	-1.54	-0.40	-0.48	-6.58	-8.78	-10.55	-12.02	-13.44	-14.86	-16.28	-17.70	-19.12	-20.54	-21.96	-23.38	-24.80	-26.22	-27.64	-29.06	-30.48	-31.90	-33.32	-34.74	-36.16	-37.58		
80	2.88	2.73	2.65	2.80	3.09	3.49	3.66	3.31	2.57	2.00	2.00	2.10	1.97	1.26	-1.10	-0.93	-0.96	-6.56	-8.51	-10.34	-11.96	-13.58	-15.20	-16.82	-18.44	-20.06	-21.68	-23.30	-24.92	-26.54	-28.16	-29.78	-31.40	-33.02	-34.64	-36.26	-37.88	-39.50	-41.12	-42.74	
85	2.88	2.62	2.39	2.51	2.48	2.90	3.30	3.20	2.61	1.98	1.63	1.40	1.33	0.89	0.00	-1.11	-2.21	-3.39	-4.57	-5.76	-6.94	-8.12	-9.30	-10.48	-11.66	-12.84	-14.02	-15.20	-16.38	-17.56	-18.74	-19.92	-21.10	-22.28	-23.46	-24.64	-25.82	-27.00	-28.18		
90	2.88	2.57	2.28	2.12	2.22	2.63	3.07	3.03	2.40	1.80	0.95	0.47	0.17	0.11	-0.63	-1.32	-2.16	-3.35	-4.22	-5.52	-6.72	-8.11	-9.38	-10.65	-11.92	-13.19	-14.46	-15.73	-17.00	-18.27	-19.54	-20.81	-22.08	-23.35	-24.62	-25.89	-27.16	-28.43			
95	2.88	2.52	2.17	1.90	1.85	2.23	2.87	2.78	2.12	1.17	0.23	-0.49	-1.38	-2.05	-2.75	-3.39	-4.44	-5.27	-7.16	-8.16	-9.48	-10.75	-12.02	-13.30	-14.57	-15.84	-17.11	-18.38	-19.65	-20.92	-22.19	-23.46	-24.73	-26.00	-27.27	-28.54	-29.81	-31.08			
100	2.88	2.47	2.07	1.75	1.68	2.02	2.50	2.48	1.82	0.78	-0.35	-1.58	-2.89	-3.96	-4.70	-5.36	-7.18	-8.41	-10.27	-12.07	-13.87	-15.67	-17.47	-19.27	-21.07	-22.87	-24.67	-26.47	-28.27	-30.07	-31.87	-33.67	-35.47	-37.27	-39.07	-40.87	-42.67	-44.47			
105	2.88	2.42	1.97	1.57	1.43	1.70	2.15	2.15	1.50	-0.44	-1.64	-2.82	-3.76	-4.65	-7.15	-7.94	-9.84	-12.97	-13.22	-14.54	-15.88	-17.22	-18.56	-19.90	-21.24	-22.58	-23.92	-25.26	-26.60	-27.94	-29.28	-30.62	-31.96	-33.30	-34.64	-35.98	-37.32	-38.66			
110	2.88	2.37	1.87	1.41	1.18	1.37	1.75	1.73	1.13	0.28	-0.83	-2.13	-3.87	-5.32	-6.48	-8.81	-9.88	-10.78	-14.10	-13.15	-10.88	-12.20	-14.06	-15.72	-17.38	-19.04	-20.70	-22.36	-24.02	-25.68	-27.34	-29.00	-30.66	-32.32	-33.98	-35.64	-37.30	-38.96			
115	2.88	2.33	1.79	1.27	0.97	1.05	1.30	1.23	0.64	-0.21	-1.27	-2.29	-4.06	-4.85	-6.81	-8.52	-10.07	-10.98	-13.98	-13.00	-10.98	-12.43	-14.38	-16.24	-18.10	-19.96	-21.82	-23.68	-25.54	-27.40	-29.26	-31.12	-32.98	-34.84	-36.70	-38.56	-40.42	-42.28			
120	2.88	2.28	1.75	1.20	0.88	0.96	1.16	1.10	0.50	-0.31	-1.36	-2.38	-4.15	-4.94	-6.90	-8.61	-10.16	-11.07	-13.86	-12.86	-10.84	-12.29	-14.24	-16.19	-18.14	-20.09	-22.04	-23.99	-25.94	-27.89	-29.84	-31.79	-33.74	-35.69	-37.64	-39.59	-41.54	-43.49			
125	2.88	2.24	1.64	1.05	0.64	0.64	0.62	0.05	-0.72	-1.63	-2.46	-3.44	-4.91	-6.08	-6.48	-8.08	-9.68	-10.88	-12.88	-12.82	-10.72	-12.12	-14.02	-15.92	-17.82	-19.72	-21.62	-23.52	-25.42	-27.32	-29.22	-31.12	-33.02	-34.92	-36.82	-38.72	-40.62	-42.52			
130	2.88	2.21	1.58	0.97	0.55	0.33	0.12	-0.40	-1.28	-2.24	-3.10	-4.07	-5.50	-6.44	-8.16	-10.05	-11.82	-13.28	-14.28	-16.08	-17.27	-18.67	-20.42	-22.48	-24.54	-26.60	-28.66	-30.72	-32.78	-34.84	-36.90	-38.96	-41.02	-43.08	-45.14	-47.20	-49.26				
135	2.88	2.17	1.53	0.93	0.51	0.25	0.02	-0.58	-1.42	-2.34	-3.20	-4.22	-5.71	-7.27	-8.18	-10.28	-11.98	-14.88	-14.72	-13.22	-12.02	-13.54	-15.47	-17.40	-19.33	-21.26	-23.19	-25.12	-27.05	-28.98	-30.91	-32.84	-34.77	-36.70	-38.63	-40.56	-42.49	-44.42			
140	2.88	2.15	1.50	0.93	0.25	0.02	0.02	-0.46	-1.17	-1.88	-2.84	-3.84	-5.46	-7.33	-8.15	-10.25	-10.85	-13.33	-12.33	-10.33	-12.34	-14.08	-15.82	-17.56	-19.30	-21.04	-22.78	-24.52	-26.26	-28.00	-29.74	-31.48	-33.22	-34.96	-36.70	-38.44	-40.18	-41.92			
145	2.88	2.12	1.48	0.93	0.51	0.08	0.05	-0.31	-0.95	-1.42	-2.46	-3.18	-4.13	-5.46	-6.46	-8.46	-9.46	-10.46	-12.46	-12.46	-10.46	-12.46	-14.46	-16.46	-18.46	-20.46	-22.46	-24.46	-26.46	-28.46	-30.46	-32.46	-34.46	-36.46	-38.46	-40.46	-42.46	-44.46			
150	2.88	2.10	1.50	1.04	0.76	0.05	0.03	0.01	-0.48	-1.25	-2.00	-3.65	-5.00	-6.14	-8.24	-10.44	-11.55	-12.66	-14.66	-14.66	-12.66	-14.66	-16.66	-18.66	-20.66	-22.66	-24.66	-26.66	-28.66	-30.66	-32.66	-34.66	-36.66	-38.66	-40.66	-42.66	-44.66	-46.66			
155	2.88	2.09	1.54	1.18																																					

Theta (rad)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180		
Phi (rad)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180		
Response	0	1.340	4.27	4.57	4.56	4.41	4.25	4.09	3.92	3.76	3.58	3.28	2.88	1.77	0.59	-0.73	-1.00	-1.40	-1.88	4.25	-7.25	-12.42	-17.38	-22.06	-26.52	-30.74	-34.70	-38.40	-41.84	-45.04	-47.99	-50.74	-53.29	-55.64	-57.78	-59.61	-61.13	-62.35	
Response	5	3.40	4.29	4.59	4.56	4.36	4.12	3.92	3.78	3.70	3.57	3.27	2.96	1.65	0.62	-0.31	-0.68	-1.19	-1.78	-2.45	3.55	-7.19	-12.42	-17.38	-22.06	-26.52	-30.74	-34.70	-38.40	-41.84	-45.04	-47.99	-50.74	-53.29	-55.64	-57.78	-59.61	-61.13	
Response	10	3.40	4.29	4.59	4.56	4.36	4.12	3.92	3.78	3.70	3.57	3.27	2.96	1.65	0.62	-0.31	-0.68	-1.19	-1.78	-2.45	3.55	-7.19	-12.42	-17.38	-22.06	-26.52	-30.74	-34.70	-38.40	-41.84	-45.04	-47.99	-50.74	-53.29	-55.64	-57.78	-59.61	-61.13	
Response	15	3.40	4.28	4.55	4.48	4.23	3.92	3.59	3.33	3.13	2.94	2.60	2.26	1.50	0.25	-0.47	-0.76	-1.19	-1.60	-1.90	1.10	-4.14	-8.38	-12.52	-17.38	-22.06	-26.52	-30.74	-34.70	-38.40	-41.84	-45.04	-47.99	-50.74	-53.29	-55.64	-57.78	-59.61	-61.13
Response	20	3.40	4.28	4.52	4.41	4.17	3.85	3.46	3.06	2.71	2.56	2.05	1.64	0.34	0.14	0.24	0.56	-0.53	-0.80	-1.03	0.04	-5.06	-9.53	-13.90	-18.06	-22.06	-26.52	-30.74	-34.70	-38.40	-41.84	-45.04	-47.99	-50.74	-53.29	-55.64	-57.78	-59.61	-61.13
Response	25	3.40	4.26	4.46	4.33	4.11	3.76	3.36	2.96	2.56	2.30	2.20	1.67	0.35	0.16	0.24	0.56	-0.53	-0.80	-1.03	0.14	-2.01	-6.46	-11.13	-15.62	-20.06	-24.52	-28.98	-33.44	-37.90	-42.36	-46.82	-51.28	-55.74	-60.20	-64.66	-69.12	-73.58	
Response	30	3.40	4.23	4.38	4.23	4.04	3.70	3.28	2.85	1.81	1.61	2.00	2.34	1.22	0.92	0.97	1.04	-0.40	-1.40	-2.30	-0.40	-5.62	-10.47	-15.06	-19.56	-24.06	-28.52	-32.98	-37.44	-41.90	-46.36	-50.82	-55.28	-59.74	-64.20	-68.66	-73.12	-77.58	
Response	35	3.40	4.19	4.19	4.26	4.26	4.00	3.76	3.22	2.56	1.61	1.22	1.56	1.22	0.92	0.97	1.04	-0.40	-1.40	-2.30	-0.40	-5.62	-10.47	-15.06	-19.56	-24.06	-28.52	-32.98	-37.44	-41.90	-46.36	-50.82	-55.28	-59.74	-64.20	-68.66	-73.12	-77.58	
Response	40	3.40	4.16	4.18	4.00	3.90	3.76	3.22	2.26	1.32	1.14	1.92	2.31	1.22	0.93	0.97	1.04	-0.40	-1.40	-2.30	-0.40	-5.62	-10.47	-15.06	-19.56	-24.06	-28.52	-32.98	-37.44	-41.90	-46.36	-50.82	-55.28	-59.74	-64.20	-68.66	-73.12	-77.58	
Response	45	3.40	4.10	4.04	3.86	3.82	3.74	3.24	2.25	1.28	1.14	1.95	2.34	1.30	0.95	0.98	1.04	-0.20	-0.80	-1.40	-0.20	-5.80	-10.47	-15.06	-19.56	-24.06	-28.52	-32.98	-37.44	-41.90	-46.36	-50.82	-55.28	-59.74	-64.20	-68.66	-73.12	-77.58	
Response	50	3.40	4.04	3.93	3.71	3.71	3.71	3.29	2.34	1.39	1.25	1.94	2.40	1.30	0.98	1.25	0.40	-0.24	-0.40	-0.60	-0.40	-5.60	-10.47	-15.06	-19.56	-24.06	-28.52	-32.98	-37.44	-41.90	-46.36	-50.82	-55.28	-59.74	-64.20	-68.66	-73.12	-77.58	
Response	55	3.40	3.97	3.79	3.79	3.69	3.69	3.69	3.26	2.51	1.62	1.22	1.87	2.40	1.18	0.95	-0.75	-0.98	-1.20	-1.40	-2.00	-2.00	-10.47	-15.06	-19.56	-24.06	-28.52	-32.98	-37.44	-41.90	-46.36	-50.82	-55.28	-59.74	-64.20	-68.66	-73.12	-77.58	
Response	60	3.40	3.95	3.76	3.76	3.67	3.67	3.67	3.24	2.47	1.58	1.18	1.82	2.36	1.10	0.87	-0.74	-1.04	-1.24	-1.40	-2.00	-2.00	-10.47	-15.06	-19.56	-24.06	-28.52	-32.98	-37.44	-41.90	-46.36	-50.82	-55.28	-59.74	-64.20	-68.66	-73.12	-77.58	
Response	65	3.40	3.84	3.58	3.58	3.48	3.48	3.48	3.27	2.50	1.52	1.13	1.30	1.80	0.87	-0.40	-0.40	-0.94	-1.13	-1.57	-2.06	-2.40	-4.00	-4.00	-13.90	-18.06	-22.06	-26.52	-30.74	-34.70	-38.40	-41.84	-45.04	-47.99	-50.74	-53.29	-55.64	-57.78	
Response	70	3.40	3.76	3.35	2.98	3.08	3.46	3.61	3.29	2.67	1.74	1.72	1.21	0.59	0.24	-0.11	-0.41	-0.61	-0.40	-0.52	-0.83	-1.52	-2.76	-4.56	-6.46	-8.42	-10.40	-12.40	-14.40	-16.40	-18.40	-20.40	-22.40	-24.40	-26.40	-28.40			
Response	75	3.40	3.68	3.20	2.77	2.88	3.34	3.68	3.51	2.99	2.39	1.82	1.16	0.40	0.39	-0.12	-0.27	-0.56	-0.62	-0.82	-0.75	-1.01	-1.62	-2.80	-4.56	-6.46	-8.42	-10.40	-12.40	-14.40	-16.40	-18.40	-20.40	-22.40	-24.40	-26.40	-28.40		
Response	80	3.40	3.66	3.20	2.77	2.88	3.34	3.68	3.51	2.99	2.39	1.82	1.16	0.40	0.39	-0.12	-0.27	-0.56	-0.62	-0.82	-0.75	-1.01	-1.62	-2.80	-4.56	-6.46	-8.42	-10.40	-12.40	-14.40	-16.40	-18.40	-20.40	-22.40	-24.40	-26.40	-28.40		
Response	85	3.40	3.54	2.90	2.35	2.44	3.04	3.60	3.70	3.28	2.54	1.75	1.01	0.07	0.07	-0.40	-0.40	-0.84	-0.27	-0.34	-0.20	-0.82	-1.40	-2.40	-4.00	-5.60	-7.20	-8.80	-10.40	-12.00	-13.60	-15.20	-16.80	-18.40	-20.00	-21.60			
Response	90	3.40	3.46	2.75	2.14	2.26	2.86	3.48	3.64	3.17	2.30	1.53	0.60	-0.04	-0.40	-0.11	-0.66	-0.40	-0.20	-0.44	-0.46	-0.76	-1.40	-2.40	-4.00	-5.60	-7.20	-8.80	-10.40	-12.00	-13.60	-15.20	-16.80	-18.40	-20.00	-21.60			
Response	95	3.40	3.39	2.61	1.94	1.97	2.64	3.33	3.49	2.93	1.87	0.83	0.40	0.80	-0.29	-1.00	-0.50	-0.30	-0.84	-0.56	-0.78	-0.74	-1.01	-1.87	-2.71	-3.75	-4.79	-5.83	-6.87	-7.91	-8.95	-10.00	-11.04	-12.08	-13.12	-14.16			
Response	100	3.40	3.31	2.47	1.74	1.73	2.47	3.17	3.27	2.62	1.62	0.55	0.43	0.40	0.45	-0.53	-0.66	-0.40	-0.98	-0.61	-0.90	-1.00	-1.25	-2.06	-2.90	-3.94	-4.98	-6.02	-7.06	-8.10	-9.14	-10.18	-11.22	-12.26	-13.30				
Response	105	3.40	3.25	2.16	1.39	1.38	2.16	2.87	3.07	2.37	1.37	0.30	0.30	0.30	0.30	-0.60	-0.60	-0.40	-1.00	-0.60	-0.80	-0.80	-1.00	-1.25	-2.06	-2.90	-3.94	-4.98	-6.02	-7.06	-8.10	-9.14	-10.18	-11.22	-12.26	-13.30			
Response	110	3.40	3.18	2.23	1.38	1.26	1.87	2.56	2.68	1.94	0.39	-0.58	-0.40	-0.80	-0.46	-0.55	-1.00	-0.25	-0.76	-0.46	-0.52	-0.52	-0.76	-1.00	-1.25	-2.06	-2.90	-3.94	-4.98	-6.02	-7.06	-8.10	-9.14	-10.18	-11.22	-12.26	-13.30		
Response	115	3.40	3.12	2.12	1.22	1.03	1.56	2.20	2.30	1.58	0.11	-0.73	-0.38	-0.66	-0.40	-0.78	-0.60	-0.82	-0.32	-0.38	-0.38	-0.62	-0.86	-1.10	-1.34	-1.58	-1.82	-2.06	-2.30	-2.54	-2.78	-3.02	-3.26	-3.50	-3.74	-3.98			
Response	120	3.40	3.06	2.03	1.09	0.81	1.24	1.78	1.83	1.13	-0.22	-0.80	-0.37	-0.43	-0.62	-0.80	-0.98	-0.93	-1.03	-1.03	-1.03	-1.27	-1.51	-1.75	-1.99	-2.23	-2.47	-2.71	-2.95	-3.19	-3.43	-3.67	-3.91	-4.15	-4.39				
Response	125	3.40	3.01	1.95	0.97	0.63	0.83	1.34	1.28	0.55	-0.75	-1.33	-0.44	-0.40	-0.61	-0.75	-0.82	-1.02	-1.00	-1.06	-1.13	-1.13	-1.37	-1.61	-1.85	-2.09	-2.33	-2.57	-2.81	-3.05	-3.29	-3.53	-3.77	-4.01	-4.25				
Response	130	3.40	2.96	1.90	0.89	0.50	0.80	1.34	1.28	0.55	-0.80	-1.38	-0.44	-0.40	-0.61	-0.75	-0.82	-1.02	-1.00	-1.06	-1.13	-1.13	-1.37	-1.61	-1.85	-2.09	-2.33	-2.57	-2.81	-3.05	-3.29	-3.53	-3.77	-4.01	-4.25				
Response	135	3.40	2.91	1.83	0.85	0.42	0.82	0.95	0.32	-0.89	-1.32	-1.41	-0.51	-0.52	-0.67	-0.79	-0.90	-1.02	-1.04	-1.04	-1.04	-1.28	-1.52	-1.76	-2.00	-2.24	-2.48	-2.72	-2.96	-3.20	-3.44	-3.68	-3.92	-4.16	-4.40				
Response	140	3.40	2.88	1.80	0.84	0.42	0.80	0.55	0.17	-0.76	-1.20	-1.31	-0.51	-0.52	-0.67	-0.79	-0.90	-1.02	-1.04	-1.04	-1.04	-1.28	-1.52	-1.76	-2.00	-2.24	-2.48	-2.72	-2.96	-3.20	-3.44	-3.68	-3.92	-4.16	-4.40				
Response	145	3.40	2.95	1.79	0.87	0.40	0.85	0.60	0.25	-0.40	-0.73	-1.20	-0.96	-0.55	-0.62	-0.68	-0.77	-0.87	-0.93	-0.97	-1.05	-1.20	-1.45	-1.69	-1.93	-2.17	-2.41	-2.65	-2.89	-3.13	-3.37	-3.61	-3.85	-4.09					
Response	150	3.40	2.88	1.80	0.84	0.42	0.80	0.55	0.17	-0.76	-1.20	-1.31	-0.51	-0.52	-0.67	-0.79	-0.90	-1.02	-1.04	-1.04	-1.04	-1.28	-1.52	-1.76	-2.00	-2.24	-2.48	-2.72	-2.96	-3.20	-3.44	-3.68	-3.92	-4.16	-4.40				
Response	155	3.40	2.88	1.82	1.04	0.75	1.04	0.81	0.55	0.02	-0.95	-1.01	-0.79	-0.37	-0.47	-0.54	-0.60	-0.40	-0.80	-0.50	-0.70	-0.70	-0.94	-1.18	-1.42	-1.66	-1.90	-2.14	-2.38	-2.62	-2.86	-3.10	-3.34	-3.58					
Response	160	3.40	2.79	1.84	1.10	0.94	1.02	1.06	0.79	0.15	-0.76	-0.78	-0.88	-0.68	-0.54	-0.64	-0.67	-0.66	-0.50	-0.71	-0.72	-0.95	-1.19	-1.43	-1.67	-1.91	-2.15	-2.39	-2.63	-2.87	-3.11	-3.35	-3.59	-3.83					
Response	165	3.40	2.76	1.93	1.35	1.17	1.21	1.19	0.89	0.23	-0.71	-0.80	-0.91	-0.85	-0.84	-0.82	-0.88	-0.78	-0.60	-0.40	-0.42	-0.63	-0.85	-1.07	-1.29	-1.51	-1.73	-1.95	-2.17	-2.39	-2.61	-2.83	-3.05	-3.27					
Response	170	3.40	2.76	2.01	1.55	1.41																																	

Ph.Ant	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180		
Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response		
0	4.07	3.71	3.11	2.59	2.34	2.27	2.40	2.82	2.82	2.50	1.92	1.20	0.80	0.53	0.12	-0.74	-1.99	-3.12	-3.07	-4.47	-5.93	-7.58	-9.34	-12.27	-11.64	-14.66	-12.24	-9.48	-6.40	-40.81	-31.81	-12.72	-14.64	-17.55	-17.39	-20.83	-20.58		
5	4.07	3.71	3.01	2.55	2.48	2.69	2.86	3.16	3.11	2.77	2.19	1.49	0.91	0.53	0.11	-0.83	-1.89	-3.26	-3.18	-3.53	-4.29	-5.68	-7.30	-10.40	-10.46	-13.01	-10.78	-7.91	-48.00	-39.00	-10.47	-11.75	-14.76	-14.60	-17.72	-17.46	-21.07		
10	4.07	3.59	2.89	2.43	2.39	2.60	2.76	3.04	3.04	2.70	2.12	1.42	0.84	0.47	0.10	-0.92	-1.79	-3.23	-3.13	-3.48	-4.24	-5.63	-7.25	-10.36	-10.42	-12.97	-10.74	-7.87	-48.00	-39.00	-10.47	-11.75	-14.76	-14.60	-17.72	-17.46	-21.07		
15	4.07	3.54	2.89	2.41	2.37	2.65	2.80	3.07	3.06	2.73	2.05	1.31	0.64	-0.02	-0.38	-1.54	-1.82	-3.00	-3.02	-3.03	-3.71	-5.20	-7.27	-10.37	-10.43	-13.06	-10.84	-7.96	-48.00	-39.00	-10.47	-11.75	-14.76	-14.60	-17.72	-17.46	-21.07		
20	4.07	3.50	2.88	2.45	2.36	2.68	2.83	3.10	3.09	2.74	2.04	1.31	0.65	-0.40	-1.40	-2.04	-2.14	-3.09	-3.19	-3.07	-3.80	-5.40	-7.47	-10.40	-10.46	-13.09	-10.86	-7.95	-48.00	-39.00	-10.47	-11.75	-14.76	-14.60	-17.72	-17.46	-21.07		
25	4.07	3.47	2.89	2.40	2.31	2.62	2.83	3.06	3.05	2.70	2.00	1.27	0.58	-0.01	-1.32	-1.83	-1.95	-3.00	-3.10	-3.18	-3.46	-5.06	-7.44	-10.44	-10.50	-13.13	-10.87	-7.95	-48.00	-39.00	-10.47	-11.75	-14.76	-14.60	-17.72	-17.46	-21.07		
30	4.07	3.47	2.89	2.40	2.31	2.62	2.83	3.06	3.05	2.70	2.00	1.27	0.58	-0.01	-1.32	-1.83	-1.95	-3.00	-3.10	-3.18	-3.46	-5.06	-7.44	-10.44	-10.50	-13.13	-10.87	-7.95	-48.00	-39.00	-10.47	-11.75	-14.76	-14.60	-17.72	-17.46	-21.07		
35	4.07	3.43	2.95	2.38	2.35	2.65	2.80	3.05	3.05	2.75	2.07	1.26	0.13	0.09	0.93	1.69	1.44	0.54	-0.51	-1.00	-1.82	-2.40	-3.88	-4.66	-6.95	-9.55	-9.55	-9.52	-3.26	-4.31	-7.09	-6.29	-10.71	-10.51	-13.36	-13.63	-16.43	-16.21	-20.51
40	4.07	3.43	3.00	2.38	2.41	2.68	2.81	3.14	3.14	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
45	4.07	3.42	3.04	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
50	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
55	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
60	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
65	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
70	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
75	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
80	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
85	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
90	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
95	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
100	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
105	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
110	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
115	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
120	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
125	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
130	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
135	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
140	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
145	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
150	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
155	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-16.44	-19.33	-19.56	-23.50	
160	4.07	3.42	3.00	2.44	2.42	2.67	2.80	3.10	3.10	2.80	2.00	0.20	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.48	-5.20	-7.10	-7.82	-4.00	4.99	4.64	-5.59	-10.12	-11.56	-14.86	-16.03	-1				

Ant. Position : 2G/5G/6G Ant.11

[illegible]

2462 Theta(Angle)		0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	
Phi(Angle)		(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)		
0	-0.91	-0.55	-0.39	-0.32	-0.24	-0.01	0.40	0.87	1.24	1.38	1.22	0.76	0.01	-0.86	-2.10	-3.34	-4.62	-5.96	-7.37	-8.89	-10.28	-11.08	-11.07	-10.64	-10.38	-10.42	-10.48	-9.93	-8.68	-7.44	-6.25	-5.11	-4.01	-2.97	-2.01	-1.16	-0.45	-0.19	
5	-0.91	-0.54	-0.29	-0.16	-0.08	0.39	0.78	1.08	1.22	1.13	0.78	0.01	-0.79	-2.02	-3.15	-4.25	-5.34	-6.47	-7.65	-8.89	-10.08	-10.64	-10.88	-10.88	-10.68	-10.38	-9.98	-9.48	-8.88	-8.28	-7.68	-7.08	-6.48	-5.88	-5.28	-4.68	-4.08	-3.48	
10	-0.91	-0.53	-0.26	-0.10	-0.04	0.65	1.02	1.28	1.38	1.22	0.76	0.01	-0.82	-2.08	-3.18	-4.28	-5.38	-6.52	-7.72	-8.98	-10.18	-10.78	-11.02	-10.98	-10.78	-10.48	-10.08	-9.58	-8.98	-8.38	-7.78	-7.18	-6.58	-5.98	-5.38	-4.78	-4.18	-3.58	-2.98
15	-0.91	-0.46	-0.09	0.15	0.27	0.35	0.64	0.95	1.08	0.94	0.56	0.08	-0.76	-2.06	-3.16	-4.26	-5.36	-6.50	-7.70	-8.96	-10.16	-10.76	-11.00	-10.96	-10.76	-10.46	-10.06	-9.56	-8.96	-8.36	-7.76	-7.16	-6.56	-5.96	-5.36	-4.76	-4.16	-3.56	-2.96
20	-0.91	-0.42	0.00	0.28	0.43	0.48	0.60	0.50	0.40	0.27	0.06	-0.21	-0.51	-0.88	-1.25	-1.63	-2.05	-2.50	-3.01	-3.41	-3.71	-3.91	-4.01	-4.01	-3.91	-3.71	-3.41	-3.01	-2.51	-2.01	-1.51	-1.01	-0.51	-0.01	0.49	0.99	1.49	1.99	
25	-0.91	-0.39	0.08	0.40	0.57	0.61	0.57	0.40	0.39	0.31	0.25	0.18	0.09	-0.04	-0.21	-0.42	-0.64	-0.84	-1.04	-1.24	-1.44	-1.64	-1.84	-2.04	-2.24	-2.44	-2.64	-2.84	-3.04	-3.24	-3.44	-3.64	-3.84	-4.04	-4.24	-4.44	-4.64	-4.84	
30	-0.91	-0.36	0.14	0.48	0.64	0.67	0.54	0.31	0.23	0.14	0.02	-0.14	-0.32	-0.51	-0.68	-0.82	-0.99	-1.19	-1.39	-1.58	-1.76	-1.94	-2.12	-2.30	-2.48	-2.66	-2.84	-3.02	-3.20	-3.38	-3.56	-3.74	-3.92	-4.10	-4.28	-4.46	-4.64	-4.82	
35	-0.91	-0.34	0.16	0.51	0.66	0.69	0.56	0.33	0.24	0.15	0.06	-0.16	-0.34	-0.53	-0.69	-0.86	-1.07	-1.26	-1.44	-1.61	-1.78	-1.95	-2.12	-2.29	-2.46	-2.63	-2.80	-2.97	-3.14	-3.31	-3.48	-3.65	-3.82	-3.99	-4.16	-4.33	-4.50	-4.67	-4.84
40	-0.91	-0.32	0.21	0.58	0.75	0.77	0.61	0.39	0.27	0.19	0.09	-0.13	-0.30	-0.48	-0.64	-0.82	-1.04	-1.24	-1.43	-1.61	-1.78	-1.95	-2.12	-2.29	-2.46	-2.63	-2.80	-2.97	-3.14	-3.31	-3.48	-3.65	-3.82	-3.99	-4.16	-4.33	-4.50	-4.67	-4.84
45	-0.91	-0.31	0.22	0.57	0.72	0.71	0.68	0.75	0.86	1.23	1.43	1.44	1.25	0.87	0.34	-0.22	-0.81	-1.33	-1.88	-2.47	-3.02	-3.56	-4.04	-4.50	-4.94	-5.37	-5.78	-6.18	-6.56	-6.93	-7.29	-7.64	-8.00	-8.36	-8.71	-9.07	-9.42	-9.78	
50	-0.91	-0.31	0.22	0.54	0.63	0.59	0.58	0.74	1.10	1.51	1.62	1.59	1.27	0.80	0.24	-0.26	-0.86	-1.38	-1.93	-2.50	-3.06	-3.62	-4.18	-4.73	-5.26	-5.78	-6.29	-6.79	-7.28	-7.76	-8.24	-8.71	-9.18	-9.65	-10.12	-10.59	-11.06		
55	-0.91	-0.31	0.21	0.53	0.62	0.57	0.56	0.73	1.12	1.62	1.73	1.69	1.37	0.87	0.30	-0.27	-0.86	-1.38	-1.93	-2.50	-3.06	-3.62	-4.18	-4.73	-5.26	-5.78	-6.29	-6.79	-7.28	-7.76	-8.24	-8.71	-9.18	-9.65	-10.12	-10.59	-11.06		
60	-0.91	-0.32	0.15	0.37	0.32	0.17	0.16	0.46	1.01	1.60	2.04	2.23	2.16	1.86	1.42	0.88	0.30	-0.20	-0.62	-1.02	-1.42	-1.82	-2.22	-2.62	-3.02	-3.42	-3.82	-4.22	-4.62	-5.02	-5.42	-5.82	-6.22	-6.62	-7.02	-7.42	-7.82	-8.22	
65	-0.91	-0.33	0.10	0.25	0.12	-0.11	-0.14	0.19	0.79	1.41	1.85	2.20	2.38	1.94	1.33	0.73	0.36	-0.06	-0.52	-0.98	-1.48	-1.98	-2.48	-2.98	-3.48	-3.98	-4.48	-4.98	-5.48	-5.98	-6.48	-6.98	-7.48	-7.98	-8.48	-8.98	-9.48		
70	-0.91	-0.35	0.04	0.12	-0.11	-0.41	-0.47	-0.11	0.50	1.12	1.52	1.63	1.46	1.10	0.71	0.30	0.11	-0.17	-0.60	-1.00	-1.40	-1.80	-2.20	-2.60	-3.00	-3.40	-3.80	-4.20	-4.60	-5.00	-5.40	-5.80	-6.20	-6.60	-7.00	-7.40	-7.80		
75	-0.91	-0.37	-0.03	-0.03	-0.33	-0.71	-0.78	-0.41	0.22	0.80	1.13	1.14	0.84	0.39	-0.03	-0.20	-0.46	-0.81	-1.25	-1.65	-2.05	-2.45	-2.85	-3.25	-3.65	-4.05	-4.45	-4.85	-5.25	-5.65	-6.05	-6.45	-6.85	-7.25	-7.65	-8.05	-8.45		
80	-0.91	-0.40	-0.10	-0.17	-0.55	-0.97	-1.06	-0.56	0.03	0.55	0.83	0.80	0.49	0.05	-0.20	-0.27	-0.50	-0.86	-1.30	-1.70	-2.10	-2.50	-2.90	-3.30	-3.70	-4.10	-4.50	-4.90	-5.30	-5.70	-6.10	-6.50	-6.90	-7.30	-7.70	-8.10	-8.50		
85	-0.91	-0.43	-0.18	-0.30	-0.71	-1.21	-1.29	-0.79	-0.15	0.37	0.58	0.59	-0.12	-0.75	-1.25	-1.65	-2.05	-2.45	-2.85	-3.25	-3.65	-4.05	-4.45	-4.85	-5.25	-5.65	-6.05	-6.45	-6.85	-7.25	-7.65	-8.05	-8.45	-8.85	-9.25	-9.65	-10.05		
90	-0.91	-0.46	-0.25	-0.41	-0.88	-1.28	-1.30	-0.83	-0.18	0.32	0.48	0.28	-0.24	-0.88	-1.38	-1.88	-2.38	-2.88	-3.38	-3.88	-4.38	-4.88	-5.38	-5.88	-6.38	-6.88	-7.38	-7.88	-8.38	-8.88	-9.38	-9.88	-10.38	-10.88	-11.38	-11.88			
95	-0.91	-0.50	-0.32	-0.58	-0.94	-1.31	-1.25	-0.76	-0.13	0.34	0.50	0.30	-0.17	-0.73	-1.16	-1.58	-2.02	-2.47	-2.92	-3.37	-3.82	-4.27	-4.72	-5.17	-5.62	-6.07	-6.52	-6.97	-7.42	-7.87	-8.32	-8.77	-9.22	-9.67	-10.12	-10.57			
100	-0.91	-0.54	-0.39	-0.57	-0.98	-1.23	-1.17	-0.62	-0.04	0.40	0.64	0.40	-0.04	-0.64	-1.01	-1.44	-1.86	-2.29	-2.72	-3.15	-3.58	-4.01	-4.44	-4.87	-5.30	-5.73	-6.16	-6.59	-7.02	-7.45	-7.88	-8.31	-8.74	-9.17	-9.60	-10.03			
105	-0.91	-0.58	-0.46	-0.60	-0.95	-1.08	-0.98	-0.46	0.08	0.44	0.76	0.46	0.15	-0.18	-0.66	-1.05	-1.43	-1.81	-2.19	-2.57	-2.95	-3.33	-3.71	-4.09	-4.47	-4.85	-5.23	-5.61	-5.99	-6.37	-6.75	-7.13	-7.51	-7.89	-8.27	-8.65			
110	-0.91	-0.62	-0.50	-0.62	-0.81	-0.86	-0.62	-0.20	0.20	0.46	0.63	0.47	0.19	-0.05	-0.45	-0.83	-1.20	-1.56	-1.92	-2.28	-2.64	-3.00	-3.36	-3.72	-4.08	-4.44	-4.80	-5.16	-5.52	-5.88	-6.24	-6.60	-6.96	-7.32	-7.68	-8.04			
115	-0.91	-0.66	-0.55	-0.68	-0.67	-0.59	-0.30	0.06	0.35	0.49	0.47	0.32	0.12	-0.08	-0.25	-0.43	-0.69	-1.06	-1.49	-1.85	-2.20	-2.56	-2.94	-3.32	-3.70	-4.08	-4.46	-4.84	-5.22	-5.60	-5.98	-6.36	-6.74	-7.12	-7.50	-7.88			
120	-0.91	-0.70	-0.59	-0.57	-0.51	-0.30	0.04	0.38	0.58	0.59	0.47	0.25	0.00	-0.22	-0.42	-0.63	-0.98	-1.24	-1.58	-1.87	-2.17	-2.46	-2.75	-3.04	-3.33	-3.62	-3.91	-4.20	-4.49	-4.78	-5.07	-5.36	-5.65	-5.94	-6.23	-6.52			
125	-0.91	-0.73	-0.61	-0.54	-0.46	-0.24	0.03	0.45	0.65	0.64	0.52	0.29	0.04	-0.18	-0.38	-0.60	-1.01	-1.40	-1.78	-2.15	-2.52	-2.89	-3.26	-3.63	-4.00	-4.37	-4.74	-5.11	-5.48	-5.85	-6.22	-6.59	-6.96	-7.33	-7.70	-8.07			
130	-0.91	-0.76	-0.67	-0.48	-0.35	-0.20	0.13	0.68	1.12	1.16	0.94	0.59	0.18	-0.24	-0.64	-1.01	-1.36	-1.69	-2.04	-2.34	-2.65	-2.95	-3.25	-3.55	-3.85	-4.15	-4.45	-4.75	-5.05	-5.35	-5.65	-5.95	-6.25	-6.55	-6.85	-7.15			
135	-0.91	-0.83	-0.70	-0.44	-0.34	-0.54	1.05	1.40	1.62	1.61	1.42	1.08	0.63	0.13	-0.30	-0.65	-1.24	-1.55	-1.78	-1.98	-2.17	-2.36	-2.52	-2.70	-2.88	-3.06	-3.24	-3.42	-3.60	-3.78	-3.96	-4.14	-4.32	-4.50	-4.68	-4.86			
140	-0.91	-0.87	-0.74	-0.41	0.13	0.75	1.33	1.76	2.01	2.08	1.97	1.68	1.24	0.69	0.12	-0.41	-0.84	-1.18	-1.45	-1.65	-1.83	-2.00	-2.18	-2.36	-2.54	-2.72	-2.90	-3.08	-3.26	-3.44	-3.62	-3.80	-3.98	-4.16	-4.34	-4.52			
145	-0.91	-0.91	-0.77	-0.38	0.23	0.82	1.54	2.03	2.26	2.50	2.44	2.24	1.85	1.32	0.74	0.18	-0.27	-0.61	-0.88	-1.18	-1.50	-1.82	-2.14	-2.46	-2.78	-3.10	-3.42	-3.74	-4.06	-4.38	-4.69	-5.01	-5.33	-5.65	-5.97	-6.29			
150	-0.91	-0.96	-0.82	-0.30	0.30	1.14	1.88	2.31	2.57	2.78	2.62	2.49	2.14	1.52	0.90	0.32	-0.06	-0.34	-0.68	-1.06	-1.44	-1.82	-2.20	-2.58	-2.96	-3.34	-3.72	-4.10	-4.48	-4.86	-5.24	-5.62	-6.00	-6.38	-6.76	-7.14			
155	-0.91	-1.00	-0.87	-0.38	0.33	1.10	1.77	2.30	2.68	2.93	3.01	2.92	2.67	2.26	1.79	1.26	0.79	0.37	0.00	-0.37	-0.74	-1.12	-1.48	-1.84	-2.20	-2.56	-2.92	-3.28	-3.64	-4.00	-4.36	-4.72	-5.08	-5.44	-5.80				
160	-0.91	-1.04	-0.92	-0.43	0.33	1.11	1.78	2.31	2.69	2.94	3.05	3.00	2.81	2.47	2.05	1.57	1.07	0.59	0.27	-0.40	-0.84	-1.24	-1.68	-2.10	-2.52	-2.94	-3.36	-3.78	-4.20	-4.62	-5.04	-5.46	-5.88	-6.30	-6.72				
165	-0.91	-1.08	-0.98	-0.48	0.29	1.08	1.75	2.26	2.63	2.87	2.99	2.97	2.81	2.54	2.14	1.69	1.18	0.63	0.09	-0.48	-0.84	-1.22	-1.58	-1.97	-2.36	-2.74	-3.12	-3.50	-3.88	-4.26	-4.64	-5.02	-5.40	-5.78	-6.16				
170	-0.91	-1.12	-1.02	-0.53	0																																		

Ph.Anglo	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	
Response (A)	Response (B)	Response (C)	Response (D)	Response (E)	Response (F)	Response (G)	Response (H)	Response (I)	Response (J)	Response (K)	Response (L)	Response (M)	Response (N)	Response (O)	Response (P)	Response (Q)	Response (R)	Response (S)	Response (T)	Response (U)	Response (V)	Response (W)	Response (X)	Response (Y)	Response (Z)	Response (AA)	Response (AB)	Response (AC)	Response (AD)	Response (AE)	Response (AF)	Response (AG)	Response (AH)	Response (AI)	Response (AJ)	Response (AK)	Response (AL)	
0	4.06	4.01	3.33	2.79	2.56	2.50	2.31	1.77	0.83	-0.37	-1.47	-2.96	-4.12	-4.46	-4.48	-4.42	-4.54	-5.32	-6.02	-6.52	-7.34	-8.07	-9.27	-9.56	-9.96	-9.46	-8.96	-8.46	-7.96	-7.46	-6.96	-6.46	-5.96	-5.46	-4.96	-4.46	-3.96	-3.46
5	4.06	4.00	3.29	2.74	2.55	2.53	2.34	1.87	0.90	-0.57	-1.67	-3.16	-4.30	-4.67	-4.70	-4.73	-4.81	-5.61	-6.31	-6.81	-7.64	-8.37	-9.57	-9.86	-10.26	-9.76	-9.26	-8.76	-8.26	-7.76	-7.26	-6.76	-6.26	-5.76	-5.26	-4.76	-4.26	-3.76
10	4.06	3.99	3.24	2.71	2.54	2.52	2.30	1.92	0.92	-0.56	-1.66	-3.15	-4.29	-4.66	-4.69	-4.72	-4.80	-5.60	-6.30	-6.80	-7.63	-8.36	-9.56	-9.85	-10.25	-9.75	-9.25	-8.75	-8.25	-7.75	-7.25	-6.75	-6.25	-5.75	-5.25	-4.75	-4.25	-3.75
15	4.06	3.98	3.22	2.61	2.48	2.46	2.26	1.96	0.92	-0.60	-1.68	-3.12	-4.27	-4.64	-4.67	-4.70	-4.78	-5.58	-6.28	-6.78	-7.61	-8.34	-9.54	-9.83	-10.23	-9.73	-9.23	-8.73	-8.23	-7.73	-7.23	-6.73	-6.23	-5.73	-5.23	-4.73	-4.23	-3.73
20	4.06	3.98	3.20	2.54	2.28	2.28	2.10	1.82	0.92	-0.32	-1.32	-2.82	-3.96	-4.33	-4.36	-4.39	-4.47	-5.27	-5.97	-6.47	-7.30	-8.03	-9.23	-9.52	-9.92	-9.42	-8.92	-8.42	-7.92	-7.42	-6.92	-6.42	-5.92	-5.42	-4.92	-4.42	-3.92	-3.42
25	4.06	3.98	3.18	2.47	2.11	2.11	1.86	0.97	-0.58	-1.54	-3.03	-4.16	-4.53	-4.56	-4.59	-4.67	-4.75	-5.55	-6.25	-6.75	-7.58	-8.31	-9.51	-9.80	-10.20	-9.70	-9.20	-8.70	-8.20	-7.70	-7.20	-6.70	-6.20	-5.70	-5.20	-4.70	-4.20	-3.70
30	4.06	3.98	3.16	2.45	2.09	2.09	1.84	0.97	-0.61	-1.57	-3.06	-4.19	-4.56	-4.59	-4.62	-4.70	-4.78	-5.58	-6.28	-6.78	-7.61	-8.34	-9.54	-9.83	-10.23	-9.73	-9.23	-8.73	-8.23	-7.73	-7.23	-6.73	-6.23	-5.73	-5.23	-4.73	-4.23	-3.73
35	4.06	3.98	3.14	2.42	2.01	1.86	1.57	0.79	-0.33	-1.26	-2.86	-3.99	-4.36	-4.39	-4.42	-4.50	-4.58	-5.38	-6.08	-6.58	-7.41	-8.14	-9.34	-9.63	-10.03	-9.53	-9.03	-8.53	-8.03	-7.53	-7.03	-6.53	-6.03	-5.53	-5.03	-4.53	-4.03	-3.53
40	4.01	3.97	3.20	2.44	2.01	1.84	1.56	0.93	0.16	-0.38	-0.83	-1.54	-2.54	-3.68	-4.03	-4.06	-4.24	-5.03	-5.73	-6.23	-7.06	-7.79	-8.99	-9.28	-9.68	-9.18	-8.68	-8.18	-7.68	-7.18	-6.68	-6.18	-5.68	-5.18	-4.68	-4.18	-3.68	
45	4.06	4.01	3.24	2.49	2.04	1.87	1.61	1.11	0.60	-0.31	-0.81	-1.60	-2.50	-3.24	-3.79	-4.03	-4.06	-4.86	-5.56	-6.06	-6.89	-7.62	-8.82	-9.11	-9.51	-9.01	-8.51	-8.01	-7.51	-7.01	-6	-5.51	-5.01	-4.51	-4.01	-3.51		
50	4.06	4.06	3.29	2.57	2.14	2.03	1.88	1.25	0.89	0.74	-0.98	-2.05	-3.15	-4.04	-4.60	-4.74	-4.84	-5.64	-6.34	-6.84	-7.67	-8.40	-9.60	-9.89	-10.29	-9.79	-9.29	-8.79	-8.29	-7.79	-7.29	-6.79	-6.29	-5.79	-5.29	-4.79	-4.29	
55	4.06	4.06	3.29	2.57	2.14	2.03	1.88	1.25	0.89	0.74	-0.98	-2.05	-3.15	-4.04	-4.60	-4.74	-4.84	-5.64	-6.34	-6.84	-7.67	-8.40	-9.60	-9.89	-10.29	-9.79	-9.29	-8.79	-8.29	-7.79	-7.29	-6.79	-6.29	-5.79	-5.29	-4.79	-4.29	
60	4.06	4.12	3.43	2.77	2.34	2.06	1.71	1.25	0.93	0.93	1.04	1.18	1.28	1.28	0.76	-0.10	-1.21	-2.04	-2.88	-3.58	-4.09	-4.59	-5.69	-5.98	-6.38	-6.88	-7.38	-7.88	-8.38	-8.88	-9.38	-9.88	-10.38	-10.88	-11.38	-11.88		
65	4.06	4.15	3.52	2.88	2.42	2.07	1.83	1.08	0.76	0.80	1.40	1.74	1.64	1.11	1.12	0.13	-1.17	-2.44	-3.48	-4.52	-5.74	-6.82	-7.96	-8.43	-8.96	-9.46	-9.96	-10.46	-10.96	-11.46	-11.96	-12.46	-12.96	-13.46	-13.96			
70	4.06	4.14	3.60	2.98	2.46	2.03	1.86	0.82	0.56	0.94	1.47	1.70	1.80	1.83	1.26	0.16	-1.28	-2.68	-3.38	-4.08	-4.63	-5.64	-6.31	-7.42	-8.46	-9.56	-10.66	-11.76	-12.86	-13.96	-15.06	-16.16	-17.26	-18.36				
75	4.06	4.20	3.60	3.04	2.52	2.12	1.91	0.82	0.58	1.11	1.58	1.71	1.81	1.84	1.27	0.21	-1.29	-2.69	-3.39	-4.09	-4.64	-5.65	-6.32	-7.43	-8.47	-9.57	-10.67	-11.77	-12.87	-13.97	-15.07	-16.17	-17.27	-18.37				
80	4.06	4.28	3.77	3.16	2.53	1.82	1.60	0.59	0.51	1.40	2.11	2.21	2.36	1.72	1.64	0.05	-0.59	-1.79	-2.03	-2.63	-3.61	-4.50	-5.40	-6.30	-7.20	-8.10	-9.00	-9.90	-10.80	-11.70	-12.60	-13.50	-14.40	-15.30				
85	4.06	4.30	3.85	3.23	2.49	1.88	0.77	0.08	0.54	1.88	2.28	2.28	2.28	1.24	0.54	-0.18	-0.78	-1.20	-1.38	-1.52	-1.92	-2.64	-3.47	-4.31	-5.15	-6.00	-6.84	-7.68	-8.52	-9.36	-10.20	-11.04	-11.88	-12.72				
90	4.06	4.33	3.92	3.29	2.47	1.57	0.59	-0.08	0.54	1.75	2.28	1.79	1.26	0.46	-0.33	-0.85	-1.08	-1.28	-1.42	-1.75	-2.40	-3.27	-4.09	-4.92	-5.75	-6.58	-7.41	-8.24	-9.07	-9.90	-10.73	-11.56	-12.39	-13.22				
95	4.06	4.37	3.99	3.34	2.46	1.50	0.48	-0.19	0.49	1.76	2.28	1.71	1.07	0.45	-1.41	-0.98	-1.24	-1.21	-1.72	-2.61	-3.29	-4.07	-4.85	-5.63	-6.41	-7.19	-7.97	-8.75	-9.53	-10.31	-11.09	-11.87	-12.65	-13.43				
100	4.06	4.38	4.00	3.28	2.40	1.46	0.48	-0.44	0.48	1.76	2.28	1.63	1.07	0.45	-1.41	-0.98	-1.24	-1.21	-1.72	-2.61	-3.29	-4.07	-4.85	-5.63	-6.41	-7.19	-7.97	-8.75	-9.53	-10.31	-11.09	-11.87	-12.65	-13.43				
105	4.06	4.43	4.11	3.44	2.59	1.53	0.55	-0.23	0.42	1.67	2.06	1.40	0.27	-0.17	-1.36	-1.16	-1.40	-1.33	-1.42	-1.63	-2.40	-3.17	-3.94	-4.71	-5.48	-6.25	-7.02	-7.79	-8.56	-9.33	-10.10	-10.87	-11.64	-12.41				
110	4.06	4.46	4.17	3.48	2.54	1.63	0.64	-0.18	0.41	1.64	2.08	1.51	0.40	-0.68	-1.48	-1.42	-1.52	-1.54	-1.60	-1.79	-2.56	-3.33	-4.10	-4.87	-5.64	-6.41	-7.18	-7.95	-8.72	-9.49	-10.26	-11.03	-11.80	-12.57				
115	4.06	4.49	4.21	3.55	2.64	1.77	0.78	-0.12	0.34	1.57	2.00	1.56	0.67	-0.12	-0.82	-1.36	-1.88	-2.20	-2.38	-2.60	-3.30	-4.07	-4.83	-5.60	-6.37	-7.14	-7.91	-8.68	-9.45	-10.22	-10.99	-11.76	-12.53					
120	4.06	4.51	4.25	3.61	2.69	1.81	0.81	0.13	0.18	1.52	1.74	1.59	0.80	0.04	-0.58	-1.07	-1.80	-2.02	-2.40	-3.00	-3.72	-4.44	-5.16	-5.88	-6.60	-7.32	-8.04	-8.76	-9.48	-10.20	-10.92	-11.64	-12.36					
125	4.06	4.52	4.28	3.66	2.74	1.86	1.04	0.08	0.06	1.48	1.80	1.61	0.84	0.08	-0.54	-1.03	-1.56	-1.78	-2.16	-2.76	-3.48	-4.20	-4.92	-5.64	-6.36	-7.08	-7.80	-8.52	-9.24	-9.96	-10.68	-11.40	-12.12					
130	4.06	4.55	4.32	3.72	2.85	1.94	1.14	-0.16	0.46	0.30	0.63	0.25	0.31	-0.79	-1.14	-1.31	-1.52	-1.93	-2.55	-3.26	-3.98	-4.69	-5.40	-6.11	-6.82	-7.53	-8.24	-8.95	-9.66	-10.37	-11.08	-11.79	-12.50					
135	4.06	4.56	4.34	3.77	3.04	2.28	1.21	-0.20	-0.03	0.37	-0.12	0.40	-0.05	-1.36	-1.81	-2.33	-2.68	-2.78	-3.24	-3.86	-4.29	-4.70	-5.10	-5.50	-5.90	-6.30	-6.70	-7.10	-7.50	-7.90	-8.30	-8.70	-9.10					
140	4.06	4.59	4.35	3.81	3.11	2.37	1.28	-0.21	-1.15	-1.04	-0.66	-0.97	-1.18	-1.62	-2.44	-3.04	-3.30	-3.33	-4.03	-4.71	-5.20	-5.71	-6.21	-6.71	-7.21	-7.71	-8.21	-8.71	-9.21	-9.71	-10.21	-10.71	-11.21					
145	4.06	4.59	4.34	3.19	2.44	1.81	1.04	-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	-0.41					
150	4.06	4.57	4.36	3.86	3.22	2.40	1.46	-0.15	-1.97	-1.00	-1.37	-1.53	-1.17	-1.28	-2.19	-2.62	-2.68	-2.48	-3.07	-3.62	-4.10	-4.57	-5.04	-5.51	-5.98	-6.45	-6.92	-7.39	-7.86	-8.33	-8.80	-9.27	-9.74	-10.21				
155	4.06	4.57	4.35	3.86	3.25	2.62	1.46	-0.08	-1.49	-2.41	-2.63	-2.11	-1.55	-1.50	-2.44	-3.62	-4.08	-4.55	-4.78	-4.88	-5.64	-6.40	-7.16	-7.92	-8.68	-9.44	-10.20	-10.96	-11.72	-12.48	-13.24	-14.00	-14.76	-15.52				
160	4.06	4.56	4.33	3.84	3.25	2.54	1.52	0.03	-1.73	-2.13	-2.56	-3.20	-2.63	-2.40	-2.82	-4.00	-5.31	-6.03	-6.13	-6.80	-7.48	-8.16	-8.84	-9.52	-10.20	-10.88	-11.56	-12.24	-12.92	-13.60	-14.28	-14.96	-15.64					
165	4.06	4.55	4.30	3.81	3.23	2.53	1.58	0.02	-1.66	-2.46	-2.87	-3.44	-2.46	-2.44	-3.24	-4.46	-5.40	-6.04	-6.40	-7.20	-8.00	-8.79	-9.58	-10.37	-11.16	-11.95	-12.74	-13.53	-14.32	-15.11	-15.90	-16.69	-17.48					
170	4.06	4.55	4.31	3.76	3.19	2.51	1.56	-0.33	-1.36	-2.33	-2.76	-3.42	-2.85	-2.83	-3.63	-4.85	-5.89	-6.53	-6.93	-7.73	-8.53	-9.32	-10.11	-10.90	-11.69	-12.48	-13.27	-14.06	-14.85	-15.64	-16.43	-17.22	-18.01					
175	4.06	4.55	4.31	3.70	3.21	2.47	1.69	0.65	-0.80	-2.73	-4.06	-5.39	-4.67	-4.69	-5.96	-7.52	-7.90	-9.31	-10.39	-11.40	-12.40	-13.40	-14.40	-15.40														

[illegible]

Theta (rad)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180
Phi (rad)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180
Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response
0	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
5	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
10	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
15	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
20	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
25	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
30	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
35	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
40	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
45	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
50	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
55	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
60	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
65	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
70	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
75	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
80	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
85	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
90	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
95	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
100	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
105	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
110	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
115	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
120	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
125	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
130	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
135	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
140	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
145	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
150	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
155	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72	-11.98	-13.09	-14.01	-14.70	-15.10	-15.16	-14.92	-14.52
160	-1.20	-2.44	-3.81	-4.71	-5.34	-5.68	-5.94	-6.14	-6.24	-6.31	-6.34	-6.32	-6.22	-6.07	0.79	1.20	1.31	1.15	0.81	-0.39	-1.10	-1.95	-2.93	-4.03	-5.26	-6.59	-7.97	-9.37	-10.72								

Ant. Position : 2G/5G/6G Ant.1

5	-1.20	-1.36	-2.21	-2.26	-2.47	-1.01	-0.11	0.12	-0.14	-0.11	1.03	1.51	1.07	1.48	-0.01	-0.29	-0.45	-0.78	-1.14	-1.51	-2.04	-2.51	-3.18	-4.00	-4.50	-4.01	-4.54	-4.01	-4.62	-4.50	-4.22	-4.19	-3.12	-4.41	-4.19	-3.15	
6	-1.20	-1.36	-2.30	-2.37	-1.91	-1.47	-0.27	0.63	1.38	1.82	1.80	1.57	1.82	-0.42	-0.07	-0.38	-0.44	-0.82	-1.28	-1.65	-1.94	-2.21	-2.82	-3.31	-4.30	-3.58	-4.17	-4.41	-4.62	-4.96	-7.54	-4.47	-4.14	-2.75	-5.00	-4.43	-3.18
10	-1.20	-1.34	-2.41	-2.46	-2.06	-1.37	-0.50	0.41	1.18	1.85	1.71	1.40	1.85	0.24	-0.22	-0.46	-0.98	-1.38	-1.74	-2.18	-2.36	-2.30	-3.09	-3.96	-4.06	-5.93	-4.34	-4.51	-4.76	-4.02	-2.74	-4.33	-3.12	-3.51	-4.473	-3.18	
15	-1.20	-1.50	-2.42	-2.54	-2.25	-1.67	-0.66	0.04	-0.82	1.18	1.85	1.38	1.86	0.52	-0.07	-0.59	-1.02	-1.40	-2.42	-3.05	-3.09	-2.89	-2.83	-3.19	-4.06	-5.16	-4.07	-4.46	-5.52	-4.55	-4.57	-7.16	-4.80	-5.18	-5.493	-4.432	-3.18
20	-1.20	-1.54	-2.42	-2.54	-2.24	-1.67	-0.66	0.04	-0.82	1.18	1.85	1.38	1.86	0.52	-0.07	-0.59	-1.02	-1.40	-2.42	-3.05	-3.09	-2.89	-2.83	-3.19	-4.06	-5.16	-4.07	-4.46	-5.52	-4.55	-4.57	-7.16	-4.80	-5.18	-5.493	-4.432	-3.18
25	-1.20	-1.57	-2.42	-2.73	-2.76	-2.50	-1.31	-1.17	-0.44	-0.06	-0.07	-0.46	-1.00	-1.44	-1.35	-0.67	-1.37	-1.42	-3.34	-4.19	-4.21	-5.54	-4.03	-4.48	-5.39	-4.24	-4.84	-4.91	-5.84	-4.23	-5.02	-4.17	-5.34	-5.07	-5.443	-4.432	-3.18
30	-1.20	-1.84	-2.40	-2.81	-3.06	-2.84	-1.97	-1.32	-0.38	-1.00	-1.50	-1.55	-2.28	-2.39	-1.57	-1.42	-1.84	-5.92	-7.32	-6.49	-4.41	-4.31	-4.27	-5.06	-4.00	-4.82	-4.98	-4.97	-6.07	-4.17	-5.74	-5.91	-7.23	-6.02	-5.440	-4.32	-3.18
35	-1.20	-1.80	-2.38	-2.82	-3.17	-3.00	-1.94	-2.03	-2.28	-1.87	-2.01	-2.55	-3.33	-4.13	-4.78	-5.36	-4.04	-7.00	-8.51	-8.77	-8.71	-8.39	-7.08	-6.38	-4.29	-4.58	-4.97	-4.84	-8.72	-4.25	-6.40	-5.79	-7.00	-6.03	-5.442	-4.430	-3.18
40	-1.20	-1.80	-2.38	-2.82	-3.17	-3.00	-1.94	-2.03	-2.28	-1.87	-2.01	-2.55	-3.33	-4.13	-4.78	-5.36	-4.04	-7.00	-8.51	-8.77	-8.71	-8.39	-7.08	-6.38	-4.29	-4.58	-4.97	-4.84	-8.72	-4.25	-6.40	-5.79	-7.00	-6.03	-5.442	-4.430	-3.18
45	-1.20	-1.55	-2.36	-3.06	-3.38	-3.08	-1.81	-2.50	-4.42	-3.44	-2.76	-2.40	-3.11	-3.35	-4.05	-4.58	-4.24	-6.83	-7.20	-7.88	-7.11	-7.77	-7.20	-6.32	-4.28	-4.48	-5.18	-7.50	-7.37	-6.76	-4.10	-6.00	-7.23	-5.08	-5.442	-4.550	-3.18
50	-1.20	-1.44	-2.23	-3.08	-4.23	-5.38	-5.78	-5.01	-3.77	-2.77	-2.26	-2.24	-2.70	-3.81	-4.84	-4.96	-7.34	-7.58	-7.68	-6.40	-6.40	-7.70	-7.30	-7.38	-7.75	-8.28	-8.55	-8.14	-7.23	-4.39	-4.30	-7.50	-7.82	-5.51	-5.513	-3.18	
55	-1.20	-1.58	-2.15	-3.08	-4.42	-5.04	-5.44	-5.32	-2.74	-2.14	-2.12	-2.66	-3.72	-5.18	-4.77	-7.50	-8.31	-8.27	-8.23	-6.38	-6.52	-8.42	-7.84	-8.07	-8.45	-8.18	-8.10	-7.88	-4.80	-4.78	-7.92	-7.80	-5.44	-5.443	-4.550	-3.18	
60	-1.20	-1.58	-2.15	-3.08	-4.42	-5.04	-5.44	-5.32	-2.74	-2.14	-2.12	-2.66	-3.72	-5.18	-4.77	-7.50	-8.31	-8.27	-8.23	-6.38	-6.52	-8.42	-7.84	-8.07	-8.45	-8.18	-8.10	-7.88	-4.80	-4.78	-7.92	-7.80	-5.44	-5.443	-4.550	-3.18	
65	-1.20	-1.58	-2.15	-3.08	-4.42	-5.04	-5.44	-5.32	-2.74	-2.14	-2.12	-2.66	-3.72	-5.18	-4.77	-7.50	-8.31	-8.27	-8.23	-6.38	-6.52	-8.42	-7.84	-8.07	-8.45	-8.18	-8.10	-7.88	-4.80	-4.78	-7.92	-7.80	-5.44	-5.443	-4.550	-3.18	
70	-1.20	-1.37	-1.81	-2.76	-4.36	-4.32	-7.06	-5.51	-3.55	-2.22	-1.68	-1.76	-2.24	-2.78	-3.86	-2.98	-2.77	-2.85	-2.75	-3.07	-3.57	-4.23	-5.84	-6.07	-7.15	-6.38	-6.98	-9.01	-6.33	-6.88	-8.89	-12.15	-15.10	-15.36	-15.36	-15.36	
75	-1.20	-1.29	-1.46	-2.55	-4.11	-4.07	-5.12	-3.06	-1.65	-0.99	-0.91	-1.17	-1.48	-1.81	-1.54	-1.46	-1.52	-1.82	-2.34	-3.02	-3.77	-5.55	-6.37	-6.24	-7.12	-7.80	-8.63	-9.11	-6.46	-6.98	-7.70	-12.70	-15.10	-15.26	-15.26	-15.26	
80	-1.20	-1.21	-1.50	-2.38	-3.74	-5.51	-5.14	-4.89	-2.82	-1.62	-1.23	-0.90	-1.11	-1.33	-1.06	-0.92	-1.00	-1.53	-2.38	-3.21	-4.15	-5.00	-5.71	-6.32	-6.85	-7.33	-7.89	-8.66	-9.57	-10.27	-10.71	-11.50	-13.17	-15.52	-15.15	-15.15	
85	-1.20	-1.21	-1.50	-2.38	-3.74	-5.51	-5.14	-4.89	-2.82	-1.62	-1.23	-0.90	-1.11	-1.33	-1.06	-0.92	-1.00	-1.53	-2.38	-3.21	-4.15	-5.00	-5.71	-6.32	-6.85	-7.33	-7.89	-8.66	-9.57	-10.27	-10.71	-11.50	-13.17	-15.52	-15.15	-15.15	
90	-1.20	-1.14	-1.74	-2.18	-2.80	-4.14	-4.47	-3.51	-1.70	-1.19	-0.73	-1.13	-1.15	-0.94	-0.65	-0.31	-0.10	-0.66	-1.46	-2.52	-3.85	-5.36	-6.84	-8.03	-8.64	-9.85	-10.13	-11.83	-12.33	-12.34	-12.72	-13.71	-15.06	-14.88	-14.88	-14.88	
95	-1.20	-0.96	-0.96	-1.36	-2.20	-3.38	-3.89	-3.06	-1.05	-0.47	-0.06	-0.85	-1.28	-1.34	-1.17	-0.85	-0.22	-0.09	-0.47	-1.23	-2.24	-3.54	-5.08	-6.40	-8.03	-8.65	-10.21	-12.72	-12.80	-12.84	-12.84	-12.84	-12.84	-12.84	-12.84	-12.84	
100	-1.20	-0.88	-0.77	-1.06	-1.76	-2.24	-3.12	-2.56	-1.38	-0.67	-0.79	-1.23	-1.34	-1.22	-0.98	-0.67	-0.27	-0.05	-0.54	-1.86	-3.02	-4.44	-6.13	-8.09	-10.16	-11.54	-13.17	-13.68	-12.82	-12.82	-12.82	-12.82	-12.82	-12.82	-12.82	-12.82	
105	-1.20	-0.88	-0.77	-1.06	-1.76	-2.24	-3.12	-2.56	-1.38	-0.67	-0.79	-1.23	-1.34	-1.22	-0.98	-0.67	-0.27	-0.05	-0.54	-1.86	-3.02	-4.44	-6.13	-8.09	-10.16	-11.54	-13.17	-13.68	-12.82	-12.82	-12.82	-12.82	-12.82	-12.82	-12.82	-12.82	
110	-1.20	-0.71	-0.62	-0.43	-0.73	-1.27	-1.61	-1.48	-0.67	-0.55	-0.85	-1.07	-1.05	-0.82	-0.58	-0.38	-0.07	-0.17	-0.49	-1.46	-3.60	-4.96	-6.42	-8.14	-11.24	-13.10	-12.82	-12.82	-12.82	-12.82	-12.82	-12.82	-12.82	-12.82	-12.82	-12.82	
115	-1.20	-0.68	-0.25	-0.14	-0.32	-0.66	-0.94	-0.85	-0.48	-0.67	-0.53	-0.81	-0.82	-0.89	-0.76	-0.54	-0.28	-0.07	-0.13	-0.53	-1.54	-4.48	-6.06	-7.80	-10.27	-12.82	-12.82	-12.82	-12.82	-12.82	-12.82	-12.82	-12.82	-12.82	-12.82	-12.82	
120	-1.20	-0.59	-0.10	-0.12	-0.08	-0.13	-0.32	-0.30	-0.05	-0.32	-0.63	-0.79	-0.81	-0.73	-0.57	-0.31	-0.06	-0.54	-1.16	-1.90	-2.74	-3.63	-4.65	-6.06	-7.94	-9.88	-10.61	-11.98	-12.42	-12.56	-12.56	-12.56	-12.56	-12.56	-12.56		
125	-1.20	-0.55	-0.04	-0.05	-0.42	-0.33	-0.22	-0.23	-0.40	-0.63	-0.80	-0.86	-0.79	-0.62	-0.39	-0.09	-0.33	-0.48	-1.48	-2.10	-3.01	-3.79	-4.82	-6.29	-8.23	-9.78	-10.86	-12.07	-12.51	-12.57	-12.54	-12.62	-12.76	-14.48	-13.75	-13.75	
130	-1.20	-0.55	-0.04	-0.05	-0.42	-0.33	-0.22	-0.23	-0.40	-0.63	-0.80	-0.86	-0.79	-0.62	-0.39	-0.09	-0.33	-0.48	-1.48	-2.10	-3.01	-3.79	-4.82	-6.29	-8.23	-9.78	-10.86	-12.07	-12.51	-12.57	-12.54	-12.62	-12.76	-14.48	-13.75	-13.75	
135	-1.20	-0.42	-0.24	-0.22	-0.34	-1.00	-1.03	-1.11	-1.19	-1.17	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-0.86	-1.12	-1.81	-2.43	-3.46	-4.49	-5.61	-6.63	-8.40	-10.17	-12.47	-13.10	-12.47	-12.47	-12.47	-12.47	-12.47	-12.47	-12.47	-12.47	
140	-1.20	-0.38	-0.35	-0.95	-1.12	-1.21	-1.24	-1.26	-1.31	-1.32	-1.25	-1.08	-0.83	-0.55	-0.24	-0.11	-0.53	-0.07	-1.76	-2.58	-4.41	-4.19	-4.68	-6.06	-6.46	-8.11	-11.77	-12.47	-12.47	-12.47	-12.47	-12.47	-12.47	-12.47	-12.47	-12.47	
145	-1.20	-0.35	-0.32	-0.85	-1.25	-1.32	-1.34	-1.36	-1.38	-1.37	-1.37	-1.32	-1.16	-0.78	-0.47	-0.17	-0.14	-0.55	-1.61	-3.29	-3.21	-3.98	-4.57	-4.95	-6.28	-6.78	-8.46	-10.6	-9.94	-11.84	-12.82	-12.84	-12.84	-12.84	-12.84	-12.84	
150	-1.20	-0.32	-0.32	-0.85	-1.25	-1.32	-1.34	-1.36	-1.38	-1.37	-1.37	-1.32	-1.16	-0.78	-0.47	-0.17	-0.14	-0.55	-1.61	-3.29	-3.21	-3.98	-4.57	-4.95	-6.28	-6.78	-8.46	-10.6	-9.94	-11.84	-12.82	-12.84	-12.84	-12.84	-12.84	-12.84	
155	-1.20	-0.30	-0.56	-0.07	-1.39	-1.07	-1.40	-1.36	-1.24	-1.03	-0.88	-0.65	-0.34	-0.05	-0.22	-0.48	-0.79	-1.17	-1.85	-2.55	-3.94	-3.68	-4.27	-4.88	-5.85	-6.26	-6.98	-8.96	-10.07	-12.09	-12.31	-12.31	-12.31	-12.31	-12.31	-12.31	
160	-1.20	-0.29	-0.52	-1.09	-1.40	-1.40	-1.40	-1.40	-1.30	-1.14	-0.95	-0.70	-0.44	-0.10	-0.21	-0.48	-0.76	-1.06	-1.44	-1.86	-2.44	-3.05	-3.72	-4.37	-4.92	-5.19	-5.68	-6.65	-8.19	-10.88	-11.55	-11.87	-11.62	-11.63	-12.02	-12.72	-12.72
165	-1.20	-0.29	-0.53	-1.10	-1.40	-1.40	-1.40	-1.40	-1.30	-1.14	-0.98	-0.68	-0.29	-0.05	-0.37	-0.64	-0.99	-1.19	-1.69	-2.15	-2.70	-3.34	-4.00	-4.68	-4.96	-5.14	-5.29	-5.68	-6.49	-7.86	-10.40	-11.00	-11.31	-11.06	-11.06	-11.06	
170	-1.20	-0.29	-0.52	-1.09	-1.40	-1.40	-1.40	-1.40	-1.30	-1.14	-0.92	-0.64	-0.32	-0.04	-0.39	-0.73	-1.09	-1.36	-1.80	-2.40	-3.00	-3.62	-4.31	-4.92	-5.11	-5.46	-5.54	-5.57	-6.42	-7.89	-10.23	-10.40	-10.44	-10.75	-10.66	-10.75	
175	-1.20	-0.29	-0.51	-1.08	-1.40	-1.40	-1.40	-1.40	-1.30	-1.14	-0.92	-0.64	-0.32	-0.04	-0.39	-0.73	-1.09	-1.36	-1.80	-2.40	-3.00	-3.62	-4.31	-4.92	-5.11	-5.46	-5.54	-5.57	-6.42	-7.89	-10.23	-10.40	-10.44	-10.75	-10.66	-10.75	
180	-1.20	-0.32																																			