

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	-732	4.58	-2.52	0.41	1.89	2.34	2.05	1.63	1.35	1.17	1.00	0.81	0.61	0.32	-0.20	-1.05	-2.03	-2.97	-3.51	-2.58	-3.37	-4.54	-5.12	-4.44	-4.73	-6.89	-6.29	-6.27	-11.04	-11.68	-10.82	-10.16	-14.20	-15.55	-15.46	-14.90	-25.71	
5	-732	4.54	-2.48	0.53	2.06	2.46	2.19	1.76	1.47	1.32	1.10	0.88	0.29	0.02	-0.23	-0.88	-1.32	-1.74	-2.72	-1.80	-2.58	-3.86	-4.51	-4.81	-5.82	-5.26	-4.26	-8.44	-10.27	-9.56	-10.13	-14.87	-16.85	-14.83	-14.36	-26.71		
10	-732	4.50	-2.43	0.65	2.29	2.69	2.42	2.00	1.71	1.56	1.30	1.00	0.76	0.31	0.22	-0.35	-1.01	-1.60	-2.60	-1.60	-2.38	-3.66	-4.31	-4.61	-5.62	-5.06	-4.06	-8.24	-10.07	-9.36	-10.00	-14.74	-16.93	-14.91	-14.44	-26.71		
15	-732	4.51	-2.63	0.40	2.06	2.64	2.52	2.10	1.81	1.70	1.40	1.12	0.85	0.08	0.16	-0.31	-1.10	-1.66	-2.65	-1.66	-2.44	-3.72	-4.37	-4.67	-5.68	-5.12	-4.12	-8.30	-10.13	-9.42	-10.16	-14.95	-16.93	-14.91	-14.44	-26.71		
20	-732	4.52	-2.70	0.29	2.06	2.70	2.77	2.37	2.02	1.86	1.55	1.29	1.10	1.40	1.95	2.21	1.80	1.26	0.76	0.37	-0.44	-1.65	-2.35	-2.53	-3.48	-3.18	-2.65	-5.78	-7.03	-6.18	-6.14	-9.78	-11.46	-11.23	-12.53	-15.71		
25	-732	4.51	-2.85	0.16	2.08	2.89	2.99	2.69	2.24	1.96	1.72	1.47	1.43	1.84	2.42	2.72	2.33	1.64	0.94	0.52	-0.25	-1.37	-2.04	-2.24	-3.09	-2.91	-2.18	-5.11	-7.13	-6.52	-6.40	-9.14	-11.02	-11.02	-12.81	-14.91		
30	-732	4.55	-3.12	0.05	2.15	3.23	3.44	3.05	2.45	1.97	1.65	1.46	1.53	2.00	2.62	2.94	2.39	1.67	0.97	0.56	-0.23	-1.38	-1.97	-2.14	-3.23	-3.07	-2.09	-4.98	-7.46	-6.81	-6.81	-9.44	-11.29	-12.72	-14.74	-14.73		
35	-732	4.56	-2.79	0.22	2.40	3.46	3.68	3.20	2.40	1.96	1.46	1.19	0.98	1.70	2.41	2.65	2.28	1.55	0.85	0.56	-0.26	-1.56	-2.17	-2.34	-3.19	-3.19	-2.40	-4.46	-7.42	-6.87	-6.86	-9.14	-11.36	-12.74	-14.74	-14.73		
40	-732	4.54	-3.43	-0.08	2.56	3.73	4.12	3.69	2.70	1.80	1.07	0.71	0.76	1.27	1.96	2.31	2.10	1.63	1.29	0.66	-0.12	-1.73	-2.46	-2.22	-3.14	-3.25	-2.46	-4.90	-7.46	-6.96	-6.96	-9.14	-11.36	-12.74	-14.74	-14.73		
45	-732	4.51	-3.53	-0.11	2.46	3.93	4.36	3.89	2.82	1.82	0.70	0.24	0.26	0.76	1.40	1.80	1.69	1.22	1.20	0.15	-1.65	-2.56	-2.24	-3.05	-3.47	-2.61	-4.55	-7.01	-6.88	-7.19	-9.18	-11.36	-12.74	-14.74	-14.73			
50	-732	4.46	-3.67	-0.11	2.53	4.06	4.49	3.96	2.74	1.76	0.36	0.06	0.05	0.49	1.02	1.39	1.50	1.47	1.44	0.21	-1.62	-2.65	-2.27	-3.01	-3.68	-3.71	-2.68	-4.54	-7.01	-6.88	-7.21	-9.80	-11.44	-12.71	-14.76	-14.73		
55	-732	4.46	-3.67	-0.11	2.53	4.06	4.49	3.96	2.74	1.76	0.36	0.06	0.05	0.49	1.02	1.39	1.50	1.47	1.44	0.21	-1.62	-2.65	-2.27	-3.01	-3.68	-3.71	-2.68	-4.54	-7.01	-6.88	-7.21	-9.80	-11.44	-12.71	-14.76	-14.73		
60	-732	4.44	-3.89	-0.05	2.59	4.08	4.47	3.86	2.20	0.74	-0.05	-0.10	0.15	0.17	-0.16	-0.41	-0.93	-1.03	-0.83	-0.62	-1.17	-2.27	-2.37	-2.35	-3.08	-3.44	-3.58	-3.44	-5.24	-7.02	-7.23	-9.31	-11.44	-12.73	-14.76	-14.73		
65	-732	4.41	-3.17	0.30	2.57	3.80	4.20	3.32	1.80	0.52	0.06	0.21	0.34	-0.05	-0.12	-0.16	-0.34	-0.44	-0.37	-0.30	-1.09	-1.88	-1.63	-1.64	-2.06	-2.29	-2.04	-4.03	-5.11	-5.33	-6.44	-7.42	-7.27	-9.19	-11.36	-12.71		
70	-732	4.56	-3.21	0.07	2.52	3.82	3.91	2.89	1.35	0.34	0.24	0.54	0.05	0.20	-1.82	-1.33	-1.35	-1.46	-1.55	-1.64	-2.51	-3.44	-3.58	-4.61	-4.48	-4.48	-4.42	-5.44	-6.25	-6.18	-7.24	-8.20	-8.20	-9.21	-11.36	-12.71		
75	-732	4.57	-3.01	0.14	2.46	3.84	3.89	2.42	0.84	0.03	0.17	0.52	0.52	-0.35	-1.66	-1.66	-1.66	-1.66	-1.66	-1.66	-2.41	-3.08	-3.21	-3.72	-3.82	-3.82	-3.82	-4.84	-5.65	-5.58	-6.64	-7.60	-7.60	-8.61	-11.36	-12.71		
80	-732	4.56	-2.79	0.22	2.40	3.46	3.28	1.69	-0.24	-0.46	-1.40	-1.13	-1.00	-1.46	-1.40	-1.00	-0.80	-0.80	-0.80	-0.80	-1.65	-2.50	-2.50	-3.42	-3.42	-3.42	-3.42	-4.44	-5.25	-5.18	-6.24	-7.20	-7.20	-8.21	-11.36	-12.71		
85	-732	4.57	-2.82	0.31	2.24	3.29	3.16	1.69	-0.46	-0.67	-1.61	-1.36	-1.26	-1.66	-1.61	-1.26	-1.00	-1.00	-1.00	-1.00	-1.85	-2.70	-2.70	-3.62	-3.62	-3.62	-3.62	-4.64	-5.45	-5.38	-6.44	-7.40	-7.40	-8.41	-11.36	-12.71		
90	-732	4.57	-2.82	0.31	2.24	3.29	3.16	1.69	-0.46	-0.67	-1.61	-1.36	-1.26	-1.66	-1.61	-1.26	-1.00	-1.00	-1.00	-1.00	-1.85	-2.70	-2.70	-3.62	-3.62	-3.62	-3.62	-4.64	-5.45	-5.38	-6.44	-7.40	-7.40	-8.41	-11.36	-12.71		
95	-732	4.57	-2.82	0.31	2.24	3.29	3.16	1.69	-0.46	-0.67	-1.61	-1.36	-1.26	-1.66	-1.61	-1.26	-1.00	-1.00	-1.00	-1.00	-1.85	-2.70	-2.70	-3.62	-3.62	-3.62	-3.62	-4.64	-5.45	-5.38	-6.44	-7.40	-7.40	-8.41	-11.36	-12.71		
100	-732	4.57	-2.82	0.31	2.24	3.29	3.16	1.69	-0.46	-0.67	-1.61	-1.36	-1.26	-1.66	-1.61	-1.26	-1.00	-1.00	-1.00	-1.00	-1.85	-2.70	-2.70	-3.62	-3.62	-3.62	-3.62	-4.64	-5.45	-5.38	-6.44	-7.40	-7.40	-8.41	-11.36	-12.71		
105	-732	4.57	-2.82	0.31	2.24	3.29	3.16	1.69	-0.46	-0.67	-1.61	-1.36	-1.26	-1.66	-1.61	-1.26	-1.00	-1.00	-1.00	-1.00	-1.85	-2.70	-2.70	-3.62	-3.62	-3.62	-3.62	-4.64	-5.45	-5.38	-6.44	-7.40	-7.40	-8.41	-11.36	-12.71		
110	-732	4.57	-2.82	0.31	2.24	3.29	3.16	1.69	-0.46	-0.67	-1.61	-1.36	-1.26	-1.66	-1.61	-1.26	-1.00	-1.00	-1.00	-1.00	-1.85	-2.70	-2.70	-3.62	-3.62	-3.62	-3.62	-4.64	-5.45	-5.38	-6.44	-7.40	-7.40	-8.41	-11.36	-12.71		
115	-732	4.57	-2.82	0.31	2.24	3.29	3.16	1.69	-0.46	-0.67	-1.61	-1.36	-1.26	-1.66	-1.61	-1.26	-1.00	-1.00	-1.00	-1.00	-1.85	-2.70	-2.70	-3.62	-3.62	-3.62	-3.62	-4.64	-5.45	-5.38	-6.44	-7.40	-7.40	-8.41	-11.36	-12.71		
120	-732	4.57	-2.82	0.31	2.24	3.29	3.16	1.69	-0.46	-0.67	-1.61	-1.36	-1.26	-1.66	-1.61	-1.26	-1.00	-1.00	-1.00	-1.00	-1.85	-2.70	-2.70	-3.62	-3.62	-3.62	-3.62	-4.64	-5.45	-5.38	-6.44	-7.40	-7.40	-8.41	-11.36	-12.71		
125	-732	4.57	-2.82	0.31	2.24	3.29	3.16	1.69	-0.46	-0.67	-1.61	-1.36	-1.26	-1.66	-1.61	-1.26	-1.00	-1.00	-1.00	-1.00	-1.85	-2.70	-2.70	-3.62	-3.62	-3.62	-3.62	-4.64	-5.45	-5.38	-6.44	-7.40	-7.40	-8.41	-11.36	-12.71		
130	-732	4.57	-2.82	0.31	2.24	3.29	3.16	1.69	-0.46	-0.67	-1.61	-1.36	-1.26	-1.66	-1.61	-1.26	-1.00	-1.00	-1.00	-1.00	-1.85	-2.70	-2.70	-3.62	-3.62	-3.62	-3.62	-4.64	-5.45	-5.38	-6.44	-7.40	-7.40	-8.41	-11.36	-12.71		
135	-732	4.57	-2.82	0.31	2.24	3.29	3.16	1.69	-0.46	-0.67	-1.61	-1.36	-1.26	-1.66	-1.61	-1.26	-1.00	-1.00	-1.00	-1.00	-1.85	-2.70	-2.70	-3.62	-3.62	-3.62	-3.62	-4.64	-5.45	-5.38	-6.44	-7.40	-7.40	-8.41	-11.36	-12.71		
140	-732	4.57	-2.82	0.31	2.24	3.29	3.16	1.69	-0.46	-0.67	-1.61	-1.36	-1.26	-1.66	-1.61	-1.26	-1.00	-1.00	-1.00	-1.00	-1.85	-2.70	-2.70	-3.62	-3.62	-3.62	-3.62	-4.64	-5.45	-5.38	-6.44	-7.40	-7.40	-8.41	-11.36	-12.71		
145	-732	4.57	-2.82	0.31	2.24	3.29	3.16	1.69	-0.46	-0.67	-1.61	-1.36	-1.26	-1.66	-1.61	-1.26	-1.00	-1.00	-1.00	-1.00	-1.85	-2.70	-2.70	-3.62	-3.62	-3.62	-3.62	-4.64	-5.45	-5.38	-6.44	-7.40	-7.40	-8.41	-11.36	-12.71		
150	-732	4.57	-2.82	0.31	2.24	3.29	3.16	1.69	-0.46	-0.67	-1.61	-1.36	-1.26	-1.66	-1.61	-1.26	-1.00	-1.00	-1.00	-1.00	-1.85	-2.70	-2.70	-3.62	-3.62	-3.62	-3.62	-4.64	-5.45	-5.38	-6.44	-7.40	-7.40	-8.41	-11.36	-12.71		
155	-732	4.57	-2.82	0.31	2.24	3.29	3.16	1.69	-0.46	-0.67	-1.61	-1.36	-1.26	-1.66	-1.61	-1.26	-1.00	-1.00	-1.00	-1.00	-1.85	-2.70	-2.70	-3.62	-3.62	-3.62	-3.62	-4.64	-5.45	-5.38	-6.44	-7.40	-7.40	-8.41	-11.36	-12.71		
160	-732	4.57	-2.82	0.31	2.24	3.29	3.16	1.69	-0.46	-0.67	-1.61	-1.36	-1.26	-1.66	-1.61	-1.26	-1.00	-1.00	-1.00	-1.00	-1.85	-2.70	-2.70	-3.62	-3.62	-3.62	-3.62	-4.64	-5.45	-5.38	-6.44	-7.40	-7.40	-8.41	-11.36	-12.71		
165	-732	4.57	-2.82	0.31	2.24	3.29	3.16	1.69	-0.46	-0.67	-1.61	-1.36	-1.26	-1.66	-1.61	-1.26	-1.00	-1.00	-1.00	-1.00	-1.85	-2.70	-2.70	-3.62	-3.62	-3.62	-3.62	-4.64	-5.45	-5.38	-6.44	-7.40	-7.40	-8.41	-11.36	-12.71		
170	-732	4.57	-2.82	0.31	2.24	3.29	3.16	1.69	-0.46	-0.67	-1.61	-1.36	-1.26	-1.66	-1.61	-1.26	-1.00	-1.00	-1.00	-1.00	-1.85	-2.70	-2.70															

Row	Col	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	
1	Row	Col	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100		
3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100		
4	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100		
5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100		
6	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100		
7	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100		
8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100		
9	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100		
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14	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100		
15	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100		
16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100		
17	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	6																																									

5925 Theta/Az		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/Az	Theta	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	-8.92	-9.412			
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	-5.16	-5.86	-6.82	-7.65	-8.12	-8.49	-9.08	-9.412			
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	0.46	-0.16	-1.04	-1.90	-2.70	-3.40	-4.04	-4.52	-5.00	-5.30	-5.41	-5.70	-6.42	-7.30	-7.84	-8.30	-8.72	-9.18	-9.412			
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	-1.12	-2.02	-2.81	-3.43	-4.06	-4.59	-5.10	-5.49	-5.68	-5.90	-6.42	-7.30	-7.84	-8.30	-8.72	-9.18	-9.412				
20	-43.2	-2.56	-0.69	0.18	1.13	1.99	2.73	3.21	3.29	3.29	3.20	2.97	2.40	1.67	1.05	0.47	-0.02	-0.30	-1.08	-1.98	-2.80	-3.42	-4.05	-4.58	-5.11	-5.50	-5.70	-5.94	-6.42	-7.30	-7.84	-8.30	-8.72	-9.18	-9.412					
25	-43.2	-2.67	-0.77	-0.13	0.40	1.06	1.67	2.46	2.97	2.99	2.84	2.58	1.95	-0.05	-0.59	-1.37	-2.28	-3.08	-3.82	-4.64	-5.48	-6.24	-6.94	-7.58	-8.16	-8.64	-9.04	-9.34	-9.48	-9.78	-10.48	-11.30	-11.88	-12.20	-12.48	-12.72	-12.92	-13.08		
30	-43.2	-2.78	-1.34	-0.29	0.55	1.42	2.26	2.79	2.76	2.65	2.36	1.69	-0.53	-1.30	-2.10	-2.91	-3.74	-4.42	-5.04	-5.63	-6.24	-6.84	-7.45	-8.06	-8.67	-9.24	-9.68	-10.00	-10.34	-10.80	-11.64	-12.30	-12.84	-13.16	-13.44	-13.68	-13.84	-13.92		
35	-43.2	-2.90	-1.44	-0.36	0.41	1.25	2.13	2.67	2.64	2.54	2.24	1.57	-0.41	-1.18	-2.00	-2.80	-3.51	-4.10	-4.68	-5.26	-5.84	-6.42	-7.00	-7.58	-8.16	-8.74	-9.24	-9.64	-10.00	-10.48	-11.32	-12.00	-12.48	-12.80	-13.04	-13.24	-13.40	-13.52		
40	-43.2	-2.99	-1.54	-0.50	0.30	1.16	2.04	2.59	2.52	2.47	2.17	1.46	-0.31	-1.13	-2.00	-2.79	-3.50	-4.14	-4.72	-5.30	-5.88	-6.46	-7.04	-7.62	-8.20	-8.78	-9.28	-9.68	-10.04	-10.52	-11.36	-12.04	-12.52	-12.84	-13.08	-13.28	-13.44	-13.56		
45	-43.2	-3.00	-1.60	-0.50	0.29	1.11	1.95	2.48	2.42	2.34	2.07	1.35	-0.55	-1.48	-2.41	-3.16	-3.87	-4.50	-5.07	-5.62	-6.18	-6.74	-7.30	-7.86	-8.42	-8.98	-9.54	-10.00	-10.38	-11.00	-11.72	-12.32	-12.80	-13.04	-13.24	-13.40	-13.52	-13.64		
50	-43.2	-3.07	-1.62	-0.46	0.34	1.00	1.83	2.31	2.29	2.19	1.91	1.07	-0.69	-1.76	-2.69	-3.39	-4.07	-4.63	-5.14	-5.64	-6.14	-6.64	-7.14	-7.64	-8.14	-8.64	-9.14	-9.54	-10.00	-10.68	-11.36	-12.04	-12.52	-12.84	-13.08	-13.28	-13.44	-13.56		
55	-43.2	-3.08	-1.63	-0.47	0.31	0.84	1.63	2.10	2.08	2.00	1.72	0.84	-0.90	-1.96	-2.89	-3.59	-4.27	-4.83	-5.34	-5.84	-6.34	-6.84	-7.34	-7.84	-8.34	-8.84	-9.34	-9.74	-10.20	-10.96	-11.64	-12.32	-12.80	-13.04	-13.24	-13.40	-13.52	-13.64		
60	-43.2	-3.05	-1.63	-0.29	0.40	0.97	1.59	1.99	1.92	1.84	1.50	0.67	-0.76	-1.82	-2.68	-3.38	-4.04	-4.52	-5.02	-5.52	-6.02	-6.52	-7.02	-7.52	-8.02	-8.52	-9.02	-9.42	-9.88	-10.64	-11.32	-12.00	-12.48	-12.80	-13.04	-13.24	-13.40	-13.52		
65	-43.2	-3.04	-1.62	-0.19	0.56	0.97	1.25	1.60	1.50	1.42	1.08	0.25	-0.74	-1.80	-2.58	-3.28	-3.94	-4.42	-4.92	-5.42	-5.92	-6.42	-6.92	-7.42	-7.92	-8.42	-8.92	-9.42	-9.82	-10.58	-11.26	-11.94	-12.42	-12.76	-13.00	-13.20	-13.36	-13.48		
70	-43.2	-3.04	-1.62	-0.19	0.56	0.97	1.25	1.60	1.50	1.42	1.08	0.25	-0.74	-1.80	-2.58	-3.28	-3.94	-4.42	-4.92	-5.42	-5.92	-6.42	-6.92	-7.42	-7.92	-8.42	-8.92	-9.42	-9.82	-10.58	-11.26	-11.94	-12.42	-12.76	-13.00	-13.20	-13.36	-13.48		
75	-43.2	-3.03	-1.61	-0.19	0.51	0.73	0.71	0.76	0.83	0.88	0.89	0.79	0.29	1.59	1.65	1.17	0.60	-1.82	-4.21	-6.40	-7.25	-7.90	-8.45	-8.90	-9.35	-9.80	-10.25	-10.68	-11.00	-11.55	-12.44	-13.04	-13.20	-13.32	-13.44	-13.56	-13.68	-13.80		
80	-43.2	-3.03	-1.62	-0.18	0.43	0.60	0.55	0.31	0.42	0.55	0.62	0.85	1.45	1.71	1.39	0.34	-0.38	-4.18	-7.28	-11.14	-10.57	-10.24	-10.00	-9.76	-9.52	-9.28	-9.04	-8.80	-8.56	-8.32	-9.17	-10.04	-10.80	-11.12	-11.20	-11.28	-11.36	-11.44	-11.52	-11.60
85	-43.2	-2.99	-1.64	-0.00	0.64	0.47	0.08	-0.47	0.08	0.24	0.34	0.51	0.42	0.85	1.34	1.13	0.35	-2.82	-4.31	-7.36	-10.73	-10.40	-10.16	-9.92	-9.68	-9.44	-9.20	-8.96	-8.72	-9.57	-10.44	-11.20	-11.52	-11.60	-11.68	-11.76	-11.84	-11.92	-12.00	
90	-43.2	-3.04	-1.68	0.00	0.63	0.39	-0.05	-0.04	0.22	0.26	0.40	-0.12	0.28	0.71	0.59	-0.30	-1.96	-4.07	-6.44	-10.98	-12.06	-12.82	-12.77	-12.72	-12.66	-12.60	-12.54	-12.48	-12.42	-12.36	-12.30	-12.24	-12.18	-12.12	-12.06	-12.00	-11.94	-11.88	-11.82	
95	-43.2	-3.06	-1.76	-0.03	0.60	0.36	0.00	0.18	0.61	0.31	0.47	0.20	-0.31	-0.25	0.09	0.01	-0.73	-2.09	-4.40	-9.73	-10.40	-11.26	-12.02	-12.46	-12.60	-12.66	-12.70	-12.74	-12.78	-12.82	-12.86	-12.90	-12.94	-12.98	-13.02	-13.06	-13.10	-13.14	-13.18	
100	-43.2	-3.09	-1.88	-0.11	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	-6.76	-12.12	-12.68	-13.17	-13.64	-13.76	-13.78	-13.76	-13.72	-13.68	-13.64	-13.60	-13.56	-13.52	-13.48	-13.44	-13.40	-13.36	-13.32	-13.28	-13.24	
105	-43.2	-3.04	-2.21	-0.42	0.35	0.47	0.72	1.49	2.35	2.65	2.71	1.33	0.56	0.26	-1.13	-2.26	-3.28	-4.15	-5.17	-6.32	-7.59	-8.97	-10.45	-12.03	-13.69	-15.46	-16.86	-18.06	-19.06	-20.06	-21.06	-22.06	-23.06	-24.06	-25.06	-26.06	-27.06	-28.06		
110	-43.2	-3.06	-2.46	-0.85	0.18	0.47	0.69	1.74	2.61	2.88	2.98	1.46	0.65	-0.46	-1.48	-2.47	-3.68	-4.98	-6.21	-7.41	-8.61	-9.81	-11.01	-12.21	-13.41	-14.61	-15.81	-17.01	-18.21	-19.41	-20.61	-21.81	-23.01	-24.21	-25.41	-26.61	-27.81	-29.01		
115	-43.2	-3.04	-2.72	-0.94	0.05	0.39	0.54	1.79	2.60	2.78	2.78	2.15	1.07	0.07	-0.86	-1.78	-2.92	-4.07	-5.20	-6.34	-7.48	-8.62	-9.76	-10.90	-12.04	-13.18	-14.32	-15.46	-16.60	-17.74	-18.88	-20.02	-21.16	-22.30	-23.44	-24.58	-25.72	-26.86	-28.00	
120	-43.2	-3.05	-3.04	-1.30	-0.36	0.21	0.63	1.63	2.35	2.42	2.59	1.33	0.74	-1.91	-3.46	-4.66	-5.23	-5.68	-6.14	-6.59	-7.04	-7.49	-7.94	-8.39	-8.84	-9.29	-9.74	-10.19	-10.64	-11.09	-11.54	-12.00	-12.45	-12.90	-13.35	-13.80	-14.25	-14.70	-15.15	
125	-43.2	-3.06	-3.23	-1.36	-0.36	-0.17	-0.24	-0.06	0.54	1.54	1.62	1.13	0.84	-0.86	-2.41	-3.78	-4.88	-5.68	-6.48	-7.28	-8.08	-8.88	-9.68	-10.48	-11.28	-12.08	-12.88	-13.68	-14.48	-15.28	-16.08	-16.88	-17.68	-18.48	-19.28	-20.08	-20.88	-21.68		
130	-43.2	-3.06	-3.30	-1.81	-0.20	-0.23	-0.53	0.01	0.57	1.11	1.15	0.33	-0.88	-1.59	-2.38	-3.48	-4.68	-5.88	-6.92	-8.12	-9.32	-10.52	-11.72	-12.92	-14.12	-15.32	-16.52	-17.72	-18.92	-20.12	-21.32	-22.52	-23.72	-24.92	-26.12	-27.32	-28.52	-29.72		
135	-43.2	-3.52	-4.28	-2.75	-1.80	-1.12	-0.68	-0.38	0.13	0.41	0.47	-0.07	-0.86	-1.46	-2.44	-3.48	-4.54	-5.62	-6.74	-7.86	-8.98	-10.10	-11.22	-12.34	-13.46	-14.58	-15.70	-16.82	-17.94	-19.06	-20.18	-21.30	-22.42	-23.54	-24.66	-25.78	-26.90	-28.02		
140	-43.2	-3.57	-4.73	-3.36	-2.46	-1.68	-1.66	-1.63	-1.06	-0.31	-0.22	-0.73	-1.17	-1.34	-1.42	-1.38	-1.54	-2.09	-3.27	-4.45	-5.63	-6.81	-7.99	-9.17	-10.35	-11.53	-12.71	-13.89	-15.07	-16.25	-17.43	-18.61	-19.79	-20.97	-22.15	-23.33	-24.51	-25.69		
145	-43.2	-3.56	-5.20	-4.23	-3.18	-2.72	-2.66	-2.32	-1.60	-0.97	-0.22	-0.50	-0.84	-0.46	0.42	0.00	-0.01	-0.47	-0.46	-0.34	-0.14	-0.04	-0.16	-0.28	-0.39	-0.51	-0.62	-0.74	-0.85	-0.96	-1.07	-1.18	-1.29	-1.40	-1.51	-1.62	-1.73	-1.84		
150	-43.2	-3.56	-5.23	-4.26	-3.18	-2.72	-2.66	-2.32	-1.60	-0.97	-0.22	-0.50	-0.84	-0.46	0.42	0.00	-0.01	-0.47	-0.46	-0.34	-0.14	-0.04	-0.16	-0.28	-0.39	-0.51	-0.62	-0.74	-0.85	-0.96	-1.07	-1.18	-1.29	-1.40	-1.51	-1.62	-1.73	-1.84		
155	-43.2	-3.56	-5.23	-4.26	-3.18	-2.72	-2.66	-2.32	-1.60	-0.97	-0.22	-0.50	-0.84	-0.46	0.42	0.00	-0.01	-0.47	-0.46	-0.34	-0.14	-0.04	-0.16	-0.28	-0.39	-0.51	-0.62	-0.74	-0.85	-0.96	-1.07	-1.18	-1.29	-1.40	-1.51	-1.62	-1.73	-1.84		
160	-43.2	-3.56	-5.23	-4.26	-3.18	-2.72	-2.66</																																	

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	-12.0	-2.51	-1.85	-0.91	0.4	1.96	3.35	4.32	4.71	4.48	3.62	2.46	1.36	0.62	0.16	-0.29	-1.06	-2.27	-3.80	-5.13	-6.49	-7.67	-8.78	-9.40	-9.40	-8.40	-6.84	-5.00	-3.40	-2.40	-1.80	-1.10	-0.83	-0.70	-0.40	-0.30	-0.10	-0.10	-0.10	-0.10		
5	-12.0	-2.54	-1.88	-0.95	0.06	1.52	2.85	3.76	4.07	3.74	2.81	1.58	0.34	-0.47	-1.25	-2.30	-3.40	-4.73	-6.23	-7.40	-8.34	-9.00	-9.40	-9.40	-8.40	-6.84	-5.00	-3.40	-2.40	-1.80	-1.10	-0.83	-0.70	-0.40	-0.30	-0.10	-0.10	-0.10	-0.10			
10	-12.0	-2.57	-1.91	-1.00	-0.25	1.20	2.35	3.11	3.42	3.10	2.16	0.95	-0.40	-1.14	-2.00	-3.00	-4.10	-5.40	-6.80	-7.80	-8.40	-8.78	-9.00	-9.00	-8.00	-6.44	-4.60	-3.00	-2.00	-1.40	-0.70	-0.43	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10			
15	-12.0	-2.61	-2.02	-1.09	-0.75	0.62	1.69	2.70	2.86	2.56	1.25	0.34	-0.21	-0.93	-1.60	-2.40	-3.40	-4.60	-5.90	-7.10	-8.00	-8.40	-8.78	-8.78	-7.78	-6.22	-4.40	-2.80	-1.80	-1.20	-0.50	-0.23	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10			
20	-12.0	-2.66	-2.06	-1.10	-0.30	0.20	1.50	2.20	2.29	1.80	0.81	-0.14	-0.79	-1.45	-2.02	-2.62	-3.40	-4.40	-5.60	-6.80	-7.60	-8.00	-8.22	-8.22	-7.22	-5.66	-3.80	-2.20	-1.20	-0.60	-0.33	-0.20	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10			
25	-12.0	-2.70	-2.10	-1.22	-0.47	-0.12	1.15	1.69	1.84	1.28	0.04	-0.56	-1.20	-1.80	-2.25	-2.62	-3.20	-4.00	-5.00	-6.00	-6.80	-7.22	-7.44	-7.44	-6.44	-4.88	-3.00	-1.40	-0.40	-0.20	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10		
30	-12.0	-2.74	-2.12	-1.40	-0.72	-0.44	0.78	1.45	1.38	0.50	-0.50	-1.00	-1.50	-1.80	-2.00	-2.10	-2.40	-3.00	-3.80	-4.60	-5.20	-5.60	-5.80	-5.80	-4.80	-3.24	-1.60	-0.60	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	
35	-12.0	-2.78	-2.14	-1.52	-0.90	-0.75	0.30	0.85	0.30	-0.20	-0.80	-1.30	-1.80	-2.00	-2.00	-2.00	-2.10	-2.40	-3.00	-3.60	-4.20	-4.60	-4.80	-4.80	-3.80	-2.24	-0.60	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	
40	-12.0	-2.83	-2.18	-1.61	-1.10	-1.06	-0.06	0.30	-0.12	-0.36	-0.37	-0.59	-0.99	-1.20	-1.20	-1.20	-1.20	-1.40	-1.80	-2.20	-2.60	-2.80	-2.80	-2.80	-1.80	-0.24	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	
45	-12.0	-2.88	-2.23	-1.63	-1.26	-1.31	-0.51	-0.33	-0.36	-0.36	-0.40	-0.62	-0.87	-0.76	-0.76	-0.76	-0.76	-0.80	-1.00	-1.20	-1.40	-1.50	-1.50	-1.50	-0.50	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	
50	-12.0	-2.92	-2.26	-1.60	-1.40	-1.58	-0.62	-0.39	-0.40	-0.39	-0.40	-0.60	-0.89	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.40	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	
55	-12.0	-2.96	-2.27	-1.58	-1.55	-1.65	-0.70	-0.40	-0.40	-0.40	-0.40	-0.60	-0.89	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.40	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	
60	-12.0	-3.00	-2.29	-1.55	-1.60	-1.65	-0.75	-0.40	-0.40	-0.40	-0.40	-0.60	-0.89	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.40	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	
65	-12.0	-3.03	-2.31	-1.50	-1.65	-1.68	-0.78	-0.40	-0.40	-0.40	-0.40	-0.60	-0.89	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.40	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
70	-12.0	-3.07	-2.32	-1.40	-1.63	-1.68	-0.80	-0.40	-0.40	-0.40	-0.40	-0.60	-0.89	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.40	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
75	-12.0	-3.10	-2.32	-1.36	-1.66	-1.68	-0.81	-0.38	-0.38	-0.38	-0.40	-0.60	-0.89	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.40	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
80	-12.0	-3.14	-2.32	-1.30	-1.66	-1.68	-0.82	-0.36	-0.36	-0.36	-0.40	-0.60	-0.89	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.40	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
85	-12.0	-3.18	-2.32	-1.24	-1.66	-1.68	-0.83	-0.34	-0.34	-0.34	-0.40	-0.60	-0.89	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.40	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
90	-12.0	-3.22	-2.31	-1.10	-1.60	-1.60	-0.83	-0.30	-0.30	-0.30	-0.40	-0.60	-0.89	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.40	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
95	-12.0	-3.26	-2.30	-1.00	-1.50	-1.50	-0.83	-0.25	-0.25	-0.25	-0.40	-0.60	-0.89	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.40	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
100	-12.0	-3.30	-2.29	-0.90	-1.40	-1.40	-0.83	-0.15	-0.15	-0.15	-0.40	-0.60	-0.89	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.40	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
105	-12.0	-3.34	-2.28	-0.80	-1.30	-1.30	-0.83	-0.05	-0.05	-0.05	-0.40	-0.60	-0.89	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.40	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
110	-12.0	-3.38	-2.27	-0.70	-1.20	-1.20	-0.83	0.05	0.05	0.05	-0.40	-0.60	-0.89	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.40	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
115	-12.0	-3.42	-2.26	-0.60	-1.10	-1.10	-0.83	0.15	0.15	0.15	-0.40	-0.60	-0.89	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.40	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
120	-12.0	-3.46	-2.25	-0.50	-1.00	-1.00	-0.83	0.25	0.25	0.25	-0.40	-0.60	-0.89	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.40	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
125	-12.0	-3.50	-2.24	-0.40	-0.90	-0.90	-0.83	0.35	0.35	0.35	-0.40	-0.60	-0.89	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.40	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
130	-12.0	-3.54	-2.23	-0.30	-0.80	-0.80	-0.83	0.45	0.45	0.45	-0.40	-0.60	-0.89	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.40	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
135	-12.0	-3.58	-2.22	-0.20	-0.70	-0.70	-0.83	0.55	0.55	0.55	-0.40	-0.60	-0.89	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.40	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
140	-12.0	-3.62	-2.21	-0.10	-0.60	-0.60	-0.83	0.65	0.65	0.65	-0.40	-0.60	-0.89	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.40	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
145	-12.0	-3.66	-2.20	0.00	-0.50	-0.50	-0.83	0.75	0.75	0.75	-0.40	-0.60	-0.89	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.60	-0.40	-0.14	-0.30	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
150	-12.0	-3.70	-2.19	0.10	-0.40	-0.40	-0.83	0.85	0.85	0.85	-0.40	-0.60	-0.89	-0.60	-0.60	-																										

Phi/Az	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	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	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	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	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	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	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	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	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	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	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	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	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	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	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Respons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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	
0	-4.59	-3.40	-2.15	-0.82	2.32	2.99	3.30	3.60	3.80	4.03	3.79	3.15	2.36	1.65	1.09	0.61	0.09	-0.42	-0.89	-0.68	-0.98	-1.00	-1.71	-2.89	-3.72	-4.82	-6.09	-7.06	-8.43	-9.56	-10.06	-10.00	-10.11	-11.17	-14.00	-24.73		
5	-4.59	-3.40	-1.46	0.74	2.16	2.85	3.22	3.57	3.93	4.14	4.00	3.59	2.78	2.01	1.39	0.73	0.30	-0.01	-0.19	-0.23	-0.28	-0.46	-1.35	-2.44	-3.47	-4.67	-5.68	-6.67	-7.71	-8.42	-9.14	-9.67	-10.04	-14.06	-24.73			
10	-4.59	-3.40	-0.71	1.21	2.16	2.85	3.22	3.57	3.93	4.14	4.00	3.59	2.78	2.01	1.39	0.73	0.30	-0.01	-0.19	-0.23	-0.28	-0.46	-1.35	-2.44	-3.47	-4.67	-5.68	-6.67	-7.71	-8.42	-9.14	-9.67	-10.04	-14.06	-24.73			
15	-4.59	-3.56	-0.83	-0.42	1.86	2.56	2.96	3.39	3.81	4.15	4.29	4.22	3.92	3.38	2.62	1.80	1.16	0.61	0.19	0.73	0.22	-0.57	-1.83	-2.84	-4.10	-5.46	-6.44	-7.58	-8.49	-9.29	-9.86	-10.36	-10.36	-11.37	-13.96	-23.76		
20	-4.59	-4.12	-2.00	0.27	1.80	2.41	2.89	3.30	3.86	4.23	4.46	4.51	4.39	4.01	3.31	2.39	1.65	1.05	0.81	0.61	0.33	-0.07	-0.87	-1.51	-2.55	-3.62	-4.56	-5.45	-6.21	-6.94	-7.44	-7.86	-8.07	-9.77	-13.82	-24.73		
25	-4.59	-4.28	-2.17	0.11	1.93	2.25	2.83	3.44	4.00	4.30	4.43	4.73	4.67	4.35	3.64	2.44	1.44	0.42	-0.05	-0.07	-0.10	-0.12	-0.77	-1.27	-2.59	-3.90	-5.09	-6.44	-7.47	-8.14	-8.44	-8.94	-9.19	-10.07	-13.33	-24.73		
30	-4.59	-4.28	-2.33	-0.07	1.90	2.00	2.79	3.65	4.18	4.30	4.60	4.79	4.90	4.76	4.44	3.72	2.41	1.38	-0.13	-0.16	-0.20	-0.39	-0.77	-1.27	-2.29	-3.07	-3.91	-4.53	-4.74	-4.80	-4.12	-4.30	-4.14	-4.96	-9.42	-10.07	-13.33	
35	-4.59	-4.28	-2.40	-0.26	1.86	2.29	2.93	3.80	4.30	4.40	4.60	4.79	4.86	4.69	4.34	3.72	2.41	1.38	-0.13	-0.16	-0.20	-0.39	-0.77	-1.27	-2.29	-3.07	-3.91	-4.53	-4.74	-4.80	-4.12	-4.30	-4.14	-4.96	-9.42	-10.07	-13.33	
40	-4.59	-4.77	-2.70	-0.82	0.78	1.68	2.68	3.65	4.36	4.79	4.90	5.07	4.96	4.59	3.98	3.16	2.23	1.24	-0.20	-0.67	-0.44	-0.33	-0.42	-0.35	-0.68	-1.44	-2.72	-3.97	-5.02	-5.80	-6.40	-6.79	-6.80	-7.73	-10.44	-14.06	-13.33	-24.73
45	-4.59	-4.93	-2.81	-0.81	0.46	1.46	2.50	3.60	4.29	4.73	5.00	5.14	5.07	4.77	4.29	3.58	2.80	2.00	0.96	-0.28	-0.45	-0.29	-0.37	-0.37	-0.34	-0.71	-1.94	-3.71	-5.26	-6.54	-7.16	-7.41	-6.46	-7.06	-10.04	-13.33	-24.73	
50	-4.59	-5.08	-3.14	-1.13	0.11	1.22	2.46	3.49	4.17	4.60	4.86	5.13	5.07	4.79	4.38	3.60	2.80	2.00	0.95	-0.32	-0.58	-0.25	-0.20	-0.34	-0.68	-1.57	-3.08	-4.76	-6.01	-6.90	-7.98	-8.42	-9.19	-10.07	-13.33	-24.73		
55	-4.59	-5.24	-3.40	-1.46	0.27	1.46	2.46	3.49	4.17	4.60	4.86	5.13	5.07	4.79	4.38	3.60	2.80	2.00	0.95	-0.32	-0.58	-0.25	-0.20	-0.34	-0.68	-1.57	-3.08	-4.76	-6.01	-6.90	-7.98	-8.42	-9.19	-10.07	-13.33	-24.73		
60	-4.59	-5.40	-3.67	-1.85	0.04	1.74	2.27	3.36	4.02	4.48	4.77	4.77	4.77	4.32	3.78	3.24	2.60	1.74	0.68	-0.48	-1.62	-3.01	-3.63	-3.66	-3.98	-5.39	-6.15	-6.88	-7.46	-8.46	-9.28	-10.21	-10.61	-11.50	-14.02	-13.25	-24.73	
65	-4.59	-5.55	-3.95	-2.37	-1.11	0.51	2.24	3.41	4.08	4.50	4.85	4.85	4.85	4.36	3.71	3.10	2.30	1.44	0.66	-0.38	-1.14	-2.70	-4.00	-4.22	-4.11	-5.84	-6.80	-7.68	-8.65	-9.24	-10.53	-11.82	-12.02	-13.03	-14.11	-13.13	-20.03	
70	-4.59	-5.70	-4.28	-2.75	-1.50	0.22	2.32	3.61	4.17	4.51	4.86	4.86	4.86	4.36	3.71	3.10	2.42	1.76	0.85	-0.33	-1.37	-2.77	-4.82	-6.46	-7.93	-8.79	-9.58	-10.40	-11.48	-12.36	-13.40	-14.06	-15.08	-16.42	-14.07	-24.73		
75	-4.59	-5.85	-4.68	-3.06	-1.81	0.00	2.42	3.80	4.36	4.60	4.95	4.95	4.95	4.45	3.80	3.15	2.42	1.80	1.00	-0.25	-1.57	-3.25	-5.42	-7.42	-8.87	-9.58	-10.40	-11.48	-12.36	-13.40	-14.06	-15.08	-16.42	-17.44	-18.46	-19.48		
80	-4.59	-5.98	-4.86	-3.14	-2.59	0.37	2.80	4.40	4.67	4.98	5.07	5.07	5.07	4.57	3.92	3.26	2.60	1.95	1.05	-0.65	-2.58	-5.36	-7.76	-9.13	-10.07	-11.09	-12.07	-13.07	-14.07	-15.07	-16.07	-17.07	-18.07	-19.07	-20.07			
85	-4.59	-6.11	-5.15	-3.65	-2.51	-0.82	3.26	4.73	5.01	5.23	5.24	5.24	5.24	4.74	4.08	3.36	2.58	1.85	0.76	-0.38	-3.48	-6.85	-9.03	-11.44	-13.01	-14.40	-15.40	-16.40	-17.40	-18.40	-19.40	-20.40	-21.40	-22.40	-23.40	-24.73		
90	-4.59	-6.23	-5.40	-4.40	-3.64	-3.39	4.22	5.71	5.10	5.10	5.10	5.10	5.10	4.60	3.94	3.18	2.29	1.40	0.18	-2.26	-6.40	-9.25	-11.62	-14.03	-16.42	-18.81	-20.20	-21.19	-22.19	-23.19	-24.19	-25.19	-26.19	-27.19	-28.19	-29.73		
95	-4.59	-6.34	-5.68	-4.83	-4.00	-3.24	0.53	1.88	2.41	2.54	2.68	2.82	2.95	3.08	3.21	3.34	3.47	3.60	3.73	3.86	4.00	4.13	4.26	4.39	4.52	4.65	4.78	4.91	5.04	5.17	5.30	5.43	5.56	5.69	5.82	5.95	6.08	
100	-4.59	-6.45	-6.07	-5.06	-4.71	-3.42	0.12	0.61	1.27	2.41	3.26	3.27	3.42	3.67	4.23	4.48	4.90	5.11	5.23	5.35	5.48	5.60	5.73	5.85	5.98	6.10	6.23	6.36	6.49	6.62	6.75	6.88	7.01	7.14	7.27	7.40		
105	-4.59	-6.56	-6.25	-5.15	-4.85	-4.00	-2.14	-0.79	0.09	0.97	2.40	3.31	4.33	4.81	5.44	5.68	6.08	6.41	6.70	6.97	7.23	7.49	7.75	8.01	8.27	8.53	8.79	9.05	9.31	9.57	9.83	10.09	10.35	10.61	10.87	11.13		
110	-4.59	-6.62	-6.40	-5.25	-4.93	-4.51	-3.01	-1.58	-0.51	0.34	2.80	4.34	5.03	6.49	7.84	8.21	1.25	0.48	0.27	0.53	-0.70	-2.56	-4.82	-6.36	-7.40	-8.44	-9.48	-10.52	-11.56	-12.60	-13.64	-14.68	-15.72	-16.76	-17.80	-18.84		
115	-4.59	-6.68	-6.56	-5.40	-5.06	-4.64	-3.14	-1.61	-0.54	0.00	3.26	4.80	5.49	6.95	8.30	8.67	1.31	0.63	0.35	0.61	-1.05	-3.40	-5.66	-7.10	-8.14	-9.18	-10.22	-11.26	-12.30	-13.34	-14.38	-15.42	-16.46	-17.50	-18.54	-19.58		
120	-4.59	-6.76	-6.72	-5.52	-5.14	-4.59	-2.98	-1.38	-0.88	0.00	4.20	5.80	6.49	7.95	9.30	9.67	1.35	0.83	0.53	0.79	-1.25	-3.58	-5.90	-7.40	-8.44	-9.48	-10.52	-11.56	-12.60	-13.64	-14.68	-15.72	-16.76	-17.80	-18.84	-19.88		
125	-4.59	-6.85	-6.87	-5.74	-5.36	-4.61	-2.90	-1.20	1.30	0.85	3.39	4.31	5.79	6.86	7.84	8.05	1.44	0.95	1.14	-0.33	-0.68	-2.93	-5.24	-6.74	-7.78	-8.82	-9.86	-10.90	-11.94	-12.98	-14.02	-15.06	-16.10	-17.14	-18.18	-19.22		
130	-4.59	-6.92	-6.87	-5.83	-5.46	-4.68	-2.90	-1.45	1.84	1.21	3.73	3.97	5.74	7.22	8.21	8.10	1.05	1.26	-0.40	-0.90	-3.63	-6.29	-8.09	-9.08	-10.02	-11.06	-12.10	-13.14	-14.18	-15.22	-16.26	-17.30	-18.34	-19.38	-20.42	-21.46		
135	-4.59	-6.97	-7.14	-6.08	-5.44	-4.58	-3.06	-1.55	2.08	1.41	3.46	3.61	5.33	6.85	8.24	8.34	1.07	1.25	-0.27	-0.82	-3.52	-6.40	-8.09	-9.03	-10.04	-11.06	-12.08	-13.10	-14.12	-15.14	-16.16	-17.18	-18.20	-19.22	-20.24	-21.26		
140	-4.59	-7.02	-7.23	-6.16	-5.45	-4.58	-3.13	-1.65	0.13	1.40	2.81	2.14	5.12	6.15	7.00	7.15	0.91	1.25	-0.44	-1.44	-4.26	-6.81	-8.11	-9.07	-10.04	-11.06	-12.08	-13.10	-14.12	-15.14	-16.16	-17.18	-18.20	-19.22	-20.24	-21.26		
145	-4.59	-7.06	-7.40	-6.75	-6.00	-5.24	-3.40	-1.88	0.59	0.64	4.08	3.31	6.00	6.86	7.68	7.81	1.00	1.28	-0.40	-1.68	-4.85	-7.83	-9.20	-10.16	-11.18	-12.20	-13.22	-14.24	-15.26	-16.28	-17.30	-18.32	-19.34	-20.36	-21.38	-22.40		
150	-4.59	-7.10	-7.50	-6.81	-6.07	-5.28	-3.48	-1.92	0.86	0.88	4.14	3.54	6.04	6.84	7.63	7.83	1.04	1.30	-0.40	-1.84	-5.04	-8.41	-9.78	-10.68	-11.68	-12.68	-13.68	-14.68	-15.68	-16.68	-17.68	-18.68	-19.68	-20.68	-21.68	-22.68		
155	-4.59	-7.15	-7.58	-6.86	-6.10	-5.30	-3.50	-1.96	1.00	1.00	4.20	3.60	6.08	6.88	7.67	7.87	1.08	1.32	-0.40	-1.92	-5.24	-8.61	-10.00	-10.90	-11.90	-12.90	-13.90	-14.90	-15.90	-16.90	-17.90	-18.90	-19.90	-20.90	-21.90	-22.90		
160	-4.59	-7.19	-7.63	-6.91	-6.13	-5.32	-3.52	-1.99	1.09	1.09	4.26	3.66	6.14	6.94	7.73	7.93	1.10	1.34	-0.40	-1.96	-5.44	-8.81	-10.20	-11.10	-12.10	-13.10	-14.10	-15.10	-16.10	-17.10	-18.10	-19.10	-20.10	-21.10	-22.10	-23.10		
165	-4.59	-7.23	-7.68	-6.94	-6.16	-5.34	-3.54	-2.00	1.10	1.10	4.30	3.68	6.18	6.98	7.77	7.97	1.12	1.36	-0.40	-1.98	-5.64	-9.01	-10.40	-11.30	-12.30	-13.30	-14.30	-15.30	-16.30	-17.30	-18.30	-19.30	-20.30	-21.30	-22.30	-23.30		
170	-4.59	-7.28	-7.71	-6.93	-6.10	-5.28	-3.58	-2.01	1.10	1.10	4.34</																											

Ph.Ancle	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	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	
0	3.55	3.55	3.98	4.22	4.11	3.54	2.61	1.68	0.64	-0.12	-0.79	-1.42	-2.17	-2.90	-3.60	-4.31	-5.01	-5.73	-6.47	-7.21	-7.97	-8.74	-9.52	-10.32	-11.13	-11.95	-12.78	-13.62	-14.47	-15.33	-16.20	-17.08	-17.97	-18.87	-19.78	-20.70	-21.63	-22.58
5	3.55	3.55	3.80	4.11	4.11	3.54	2.50	1.41	0.35	-0.61	-1.34	-2.04	-2.74	-3.44	-4.14	-4.84	-5.54	-6.24	-6.94	-7.64	-8.34	-9.04	-9.74	-10.44	-11.14	-11.84	-12.54	-13.24	-13.94	-14.64	-15.34	-16.04	-16.74	-17.44	-18.14	-18.84	-19.54	-20.24
10	3.55	3.56	3.80	4.11	4.11	3.55	2.39	1.30	0.24	-0.82	-1.55	-2.28	-3.01	-3.74	-4.47	-5.20	-5.93	-6.66	-7.39	-8.12	-8.85	-9.58	-10.31	-11.04	-11.77	-12.50	-13.23	-13.96	-14.69	-15.42	-16.15	-16.88	-17.61	-18.34	-19.07	-19.80	-20.53	-21.26
15	3.55	3.52	3.80	4.16	4.13	3.50	2.18	1.10	0.25	-0.94	-1.67	-2.40	-3.13	-3.86	-4.59	-5.32	-6.05	-6.78	-7.51	-8.24	-8.97	-9.70	-10.43	-11.16	-11.89	-12.62	-13.35	-14.08	-14.81	-15.54	-16.27	-17.00	-17.73	-18.46	-19.19	-19.92	-20.65	-21.38
20	3.55	3.47	3.80	4.18	4.13	3.39	2.09	0.93	0.02	-1.31	-2.03	-2.75	-3.47	-4.19	-4.91	-5.63	-6.35	-7.07	-7.79	-8.51	-9.23	-9.95	-10.67	-11.39	-12.11	-12.83	-13.55	-14.27	-14.99	-15.71	-16.43	-17.15	-17.87	-18.59	-19.31	-20.03	-20.75	-21.47
25	3.55	3.44	3.86	4.30	4.31	3.39	2.07	1.04	0.07	-1.09	-1.82	-2.55	-3.28	-4.01	-4.74	-5.47	-6.20	-6.93	-7.66	-8.39	-9.12	-9.85	-10.58	-11.31	-12.04	-12.77	-13.50	-14.23	-14.96	-15.69	-16.42	-17.15	-17.88	-18.61	-19.34	-20.07	-20.80	-21.53
30	3.55	3.32	3.91	4.31	4.30	3.29	2.03	1.23	0.43	-0.33	-1.06	-1.79	-2.52	-3.25	-3.98	-4.71	-5.44	-6.17	-6.90	-7.63	-8.36	-9.09	-9.82	-10.55	-11.28	-12.01	-12.74	-13.47	-14.20	-14.93	-15.66	-16.39	-17.12	-17.85	-18.58	-19.31	-20.04	-20.77
35	3.55	3.28	3.99	4.29	4.28	3.26	1.93	1.14	0.07	-1.04	-1.76	-2.49	-3.22	-3.95	-4.68	-5.41	-6.14	-6.87	-7.60	-8.33	-9.06	-9.79	-10.52	-11.25	-11.98	-12.71	-13.44	-14.17	-14.90	-15.63	-16.36	-17.09	-17.82	-18.55	-19.28	-20.01	-20.74	-21.47
40	3.55	3.23	4.07	4.27	4.23	3.14	0.87	-0.19	-1.64	-2.40	-3.16	-3.92	-4.68	-5.44	-6.20	-6.96	-7.72	-8.48	-9.24	-10.00	-10.76	-11.52	-12.28	-13.04	-13.80	-14.56	-15.32	-16.08	-16.84	-17.60	-18.36	-19.12	-19.88	-20.64	-21.40	-22.16	-22.92	
45	3.55	3.19	4.28	4.24	4.30	3.08	0.64	-0.38	-1.79	-2.66	-3.53	-4.40	-5.27	-6.14	-7.01	-7.88	-8.75	-9.62	-10.49	-11.36	-12.23	-13.10	-13.96	-14.83	-15.70	-16.57	-17.44	-18.31	-19.18	-20.05	-20.92	-21.79	-22.66	-23.53	-24.40	-25.27	-26.14	
50	3.55	3.14	4.33	4.20	4.34	3.03	0.40	-0.81	-1.94	-2.81	-3.68	-4.55	-5.42	-6.29	-7.16	-8.03	-8.90	-9.77	-10.64	-11.51	-12.38	-13.25	-14.12	-14.99	-15.86	-16.73	-17.60	-18.47	-19.34	-20.21	-21.08	-21.95	-22.82	-23.69	-24.56	-25.43	-26.30	
55	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
60	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
65	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
70	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
75	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
80	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
85	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
90	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
95	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
100	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
105	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
110	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
115	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
120	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
125	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
130	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
135	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
140	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
145	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
150	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
155	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42	-7.29	-8.16	-9.03	-9.90	-10.77	-11.64	-12.51	-13.38	-14.25	-15.12	-15.99	-16.86	-17.73	-18.60	-19.47	-20.34	-21.21	-22.08	-22.95	-23.82	-24.69	-25.56	-26.43	
160	3.55	3.13	4.34	4.19	4.36	3.01	0.24	-0.94	-2.07	-2.94	-3.81	-4.68	-5.55	-6.42																								

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	-3.01	-4.20	-4.72	-4.30	-3.03	-1.79	-0.08	-1.42	-4.49	-5.13	-4.07	-2.38	-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	0.83	0.42	0.43	-1.92	-3.80	-4.88	-4.57	-5.62	-4.46	-3.05	-1.30	-4.19	-4.73	-5.48	-6.46	-7.53	-8.44	-9.37	-10.77	-12.25	-12.89	-12.74	-12.16	-11.25	-11.21	-14.03	-15.40	
10	3.05	3.92	4.75	5.27	5.17	4.21	2.70	1.10	0.28	0.31	0.69	0.31	0.32	-2.00	-3.86	-4.94	-4.63	-5.67	-4.50	-3.09	-1.41	-4.08	-4.52	-5.26	-6.24	-7.30	-8.21	-9.14	-10.54	-12.01	-12.64	-12.54	-11.92	-11.00	-11.02	-13.84	-15.21	
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	-3.80	-5.11	-5.64	-4.86	-3.46	-4.55	-5.06	-5.82	-6.80	-7.86	-8.18	-9.18	-10.31	-11.82	-12.48	-12.33	-11.68	-10.59	-10.57	-13.40	-14.77	
20	3.05	3.70	4.39	4.86	4.84	4.14	2.59	1.30	-0.40	-0.90	-1.40	-2.15	-3.20	-4.11	-4.80	-4.11	-5.55	-5.92	-6.03	-4.41	-4.96	-5.24	-6.05	-7.15	-8.28	-8.40	-9.57	-10.66	-11.84	-12.47	-12.32	-11.67	-10.47	-10.34	-13.16	-14.54		
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	-4.11	-3.23	-5.33	-5.63	-6.03	-5.31	-6.82	-7.82	-9.10	-10.08	-10.18	-11.48	-12.48	-13.48	-14.08	-13.87	-13.18	-12.28	-11.81	-11.43	-14.03	-15.25		
30	3.05	3.49	3.98	4.32	4.30	3.82	2.68	1.99	1.10	0.27	-0.75	-2.23	-4.22	-4.52	-4.85	-3.97	-5.18	-5.48	-6.08	-5.75	-7.40	-8.40	-9.50	-10.28	-10.40	-11.70	-12.68	-13.68	-14.28	-13.97	-13.07	-12.02	-11.86	-11.41	-14.58	-15.74		
35	3.05	3.38	3.86	4.19	4.16	3.68	2.51	2.10	1.16	0.06	-1.20	-2.60	-4.50	-4.70	-5.04	-4.14	-5.34	-5.64	-6.24	-5.91	-7.56	-8.56	-9.66	-10.44	-10.56	-11.86	-12.84	-13.84	-14.44	-14.13	-13.23	-12.18	-12.02	-11.57	-14.98	-16.14		
40	3.05	3.27	3.82	4.08	4.06	3.58	2.31	2.50	1.97	1.57	1.08	0.23	-1.12	-2.81	-4.68	-4.16	-5.24	-5.71	-6.24	-5.92	-7.58	-8.58	-9.68	-10.46	-10.58	-11.88	-12.86	-13.86	-14.46	-14.15	-13.25	-12.20	-12.04	-11.59	-15.08	-16.24		
45	3.05	3.15	3.78	3.94	3.92	3.44	2.13	2.61	2.08	1.65	1.29	0.34	-1.00	-2.85	-4.60	-4.40	-5.68	-6.17	-6.68	-6.36	-7.92	-8.92	-10.02	-10.80	-10.92	-12.22	-13.20	-14.20	-14.79	-14.48	-13.57	-12.52	-12.37	-11.92	-15.18	-16.34		
50	3.05	3.04	3.67	3.82	3.79	3.30	2.07	2.60	1.98	0.88	0.67	0.40	-0.22	-3.30	-5.29	-4.42	-6.01	-6.48	-6.95	-6.73	-8.27	-9.27	-10.37	-11.15	-11.27	-12.57	-13.55	-14.55	-15.14	-14.83	-13.92	-12.87	-12.70	-12.25	-15.28	-16.44		
55	3.05	2.92	3.55	3.70	3.67	3.18	1.85	2.52	1.90	0.76	0.55	0.28	-0.11	-3.25	-5.40	-4.53	-6.12	-6.59	-7.06	-6.84	-8.38	-9.38	-10.48	-11.26	-11.38	-12.68	-13.66	-14.66	-15.25	-14.94	-14.03	-12.98	-12.81	-12.36	-15.39	-16.55		
60	3.05	2.82	3.45	3.60	3.57	3.08	1.74	2.40	1.79	0.65	0.44	0.18	-0.12	-3.18	-5.40	-4.53	-6.12	-6.59	-7.06	-6.84	-8.38	-9.38	-10.48	-11.26	-11.38	-12.68	-13.66	-14.66	-15.25	-14.94	-14.03	-12.98	-12.81	-12.36	-15.39	-16.55		
65	3.05	2.72	3.35	3.50	3.47	2.98	1.63	2.30	1.69	0.54	0.33	0.07	-0.14	-3.10	-5.40	-4.53	-6.12	-6.59	-7.06	-6.84	-8.38	-9.38	-10.48	-11.26	-11.38	-12.68	-13.66	-14.66	-15.25	-14.94	-14.03	-12.98	-12.81	-12.36	-15.39	-16.55		
70	3.05	2.62	3.25	3.40	3.37	2.88	1.51	2.18	1.58	0.43	0.22	-0.10	-0.50	-3.04	-5.40	-4.53	-6.12	-6.59	-7.06	-6.84	-8.38	-9.38	-10.48	-11.26	-11.38	-12.68	-13.66	-14.66	-15.25	-14.94	-14.03	-12.98	-12.81	-12.36	-15.39	-16.55		
75	3.05	2.54	3.17	3.32	3.29	2.79	1.40	2.03	1.48	0.33	0.00	-0.33	-0.65	-2.91	-4.97	-4.07	-5.65	-6.11	-6.57	-6.35	-7.89	-8.89	-9.99	-10.77	-10.89	-12.19	-13.17	-14.17	-14.76	-14.45	-13.54	-12.49	-12.32	-11.87	-15.08	-16.24		
80	3.05	2.46	3.09	3.24	3.21	2.71	1.30	1.92	1.38	0.23	-0.10	-0.42	-0.74	-2.84	-4.80	-3.90	-5.48	-5.94	-6.40	-6.18	-7.72	-8.72	-9.82	-10.60	-10.72	-12.02	-13.00	-14.00	-14.59	-14.28	-13.37	-12.32	-12.15	-11.70	-14.99	-16.15		
85	3.05	2.39	2.95	3.10	3.07	2.57	1.20	1.84	1.30	0.14	-0.24	-0.32	-0.64	-2.77	-4.61	-3.81	-5.40	-5.86	-6.32	-6.10	-7.64	-8.64	-9.74	-10.52	-10.64	-11.94	-12.92	-13.92	-14.51	-14.20	-13.29	-12.24	-12.07	-11.62	-14.90	-16.06		
90	3.05	2.33	2.97	3.02	3.02	2.31	1.11	1.60	1.30	0.30	-0.34	-0.59	-0.91	-2.66	-4.34	-3.64	-5.24	-5.69	-6.15	-5.93	-7.47	-8.47	-9.57	-10.35	-10.47	-11.77	-12.75	-13.75	-14.34	-14.03	-13.12	-12.07	-11.90	-11.45	-14.81	-15.97		
95	3.05	2.28	2.90	3.04	3.08	2.35	2.15	1.22	0.82	-0.18	-0.66	-1.06	-1.43	-2.41	-4.16	-3.11	-2.57	-2.90	-4.31	-4.02	-5.18	-6.18	-7.28	-8.06	-8.18	-9.48	-10.46	-11.46	-12.05	-11.74	-10.83	-9.95	-9.81	-10.38	-11.54	-12.70		
100	3.05	2.24	2.85	2.94	3.01	2.30	2.11	2.07	0.87	-0.50	-1.25	-1.78	-2.45	-3.42	-4.10	-3.06	-2.42	-2.76	-4.16	-3.87	-4.72	-5.72	-6.82	-7.60	-7.72	-9.02	-10.00	-11.00	-11.59	-11.28	-10.37	-9.49	-9.35	-9.90	-11.06	-12.22		
105	3.05	2.20	2.81	2.92	2.98	2.40	2.34	2.08	1.01	-0.38	-1.06	-1.60	-2.40	-3.37	-4.04	-2.98	-2.40	-2.74	-4.14	-3.85	-4.70	-5.70	-6.80	-7.58	-7.70	-9.00	-10.00	-11.00	-11.59	-11.28	-10.37	-9.49	-9.35	-9.90	-11.06	-12.22		
110	3.05	2.18	2.86	2.96	3.01	2.49	2.37	2.04	1.45	-0.12	-1.40	-2.00	-3.00	-4.00	-4.64	-3.54	-2.96	-3.30	-4.70	-4.41	-5.26	-6.26	-7.36	-8.14	-8.26	-9.56	-10.56	-11.56	-12.15	-11.84	-10.93	-10.04	-9.89	-10.44	-11.60			
115	3.05	2.15	2.80	2.95	3.00	2.48	2.30	1.97	1.07	-0.48	-1.45	-1.94	-2.52	-3.78	-4.19	-4.72	-4.78	-5.38	-5.88	-6.48	-6.48	-7.33	-8.33	-9.43	-10.21	-11.21	-12.21	-12.80	-12.49	-11.58	-10.67	-9.78	-9.63	-10.18	-11.34			
120	3.05	2.14	2.83	2.93	2.98	2.45	2.27	2.04	0.76	-0.88	-1.14	-1.22	-1.43	-2.65	-4.23	-4.89	-5.06	-5.77	-6.24	-6.84	-6.84	-7.69	-8.69	-9.79	-10.57	-11.57	-12.57	-13.16	-12.85	-11.94	-11.03	-10.12	-9.23	-9.08	-9.63	-10.79		
125	3.05	2.13	2.81	2.91	2.96	2.44	2.18	2.01	0.41	-0.86	-1.08	-1.00	-1.20	-2.46	-4.04	-4.70	-4.87	-5.58	-6.05	-6.65	-6.65	-7.50	-8.50	-9.60	-10.38	-11.38	-12.38	-12.97	-12.66	-11.75	-10.84	-9.93	-9.78	-10.33	-11.49			
130	3.05	2.12	2.85	2.98	3.01	2.41	2.04	2.00	-0.08	-1.14	-1.33	-1.15	-1.35	-2.60	-4.08	-4.74	-4.91	-5.62	-6.09	-6.69	-6.69	-7.54	-8.54	-9.64	-10.42	-11.42	-12.42	-13.01	-12.70	-11.79	-10.88	-9.97	-9.82	-10.37	-11.53			
135	3.05	2.11	2.84	2.94	2.98	2.40	2.32	1.98	0.44	-0.78	-1.00	-0.78	-1.00	-2.30	-4.10	-4.80	-4.97	-5.61	-6.07	-6.67	-6.67	-7.51	-8.51	-9.61	-10.39	-11.39	-12.39	-12.98	-12.67	-11.76	-10.85	-9.94	-9.79	-10.34	-11.50			
140	3.05	2.12	2.81	2.97	3.00	2.38	2.02	1.94	1.11	1.03	-1.40	-1.34	-1.39	-2.40	-4.23	-4.72	-4.92	-5.64	-6.11	-6.71	-6.71	-7.56	-8.56	-9.66	-10.44	-11.44	-12.44	-13.03	-12.72	-11.81	-10.90	-10.00	-9.85	-10.40	-11.56			
145	3.05	2.12	2.87	2.97	2.97	2.38	2.00	1.93	1.62	1.96	1.70	1.00	-1.38	-2.40	-4.26	-4.76	-4.91	-5.61	-6.07	-6.67	-6.67	-7.51	-8.51	-9.61	-10.39	-11.39	-12.39	-12.98	-12.67	-11.76	-10.84	-9.93	-9.78	-10.33	-11.49			
150	3.05	2.13	2.81	2.97	2.94	2.38	2.01	1.97	1.71	2.01	1.74	1.01	-1.38	-2.40	-4.26	-4.76	-4.91	-5.61	-6.07	-6.67	-6.67	-7.51	-8.51	-9.61	-10.39	-11.39	-12.39	-12.98	-12.67	-11.76	-10.84	-9.93	-9.78	-10.33	-11.49			
155	3.05	2.14	2.80	2.95	2.98	2.40	2.33	2.03	2.35	2.55	2.76	2.00	-1.22	-0.33	-1.19	-0.78	-0.16	0.65	0.12	-1.47	-4.42	-7.48	-10.23	-13.44	-13.24	-12.88	-12.68	-12.48	-12.07	-11.63	-11.20	-10.77	-10.34	-9.91	-10.46	-11.62		
160	3.05	2.17	2.83	2.93	2.93	2.38	2.22	2.03	2.76	2.93	2.85	2.16	0.75	0.04	0.22	0.65	1.13	0.66	-0.56	-3.55	-6.44	-9.17	-12.84	-12.41	-12.12	-11.73	-11.00	-10.77	-10.36	-9.92	-9.49	-9.06	-9.63	-10.79	-11.95			
165	3.05	2.19	2.29	2.91	2.90	2.40	3.26	2.96	2.79	2.81	2.86	2.14	2.01	1.26	0.95	1.19	1.61	1.84	0.82	-0.72	-3.09	-6.05	-8.88	-12.60	-13.63	-13.68	-13.15	-12.46	-11.95	-11.54	-11.13	-10.72	-10.29					

[illegible]

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	-0.04	-1.63	-2.38	-2.78	-2.71	-2.54	-2.05	-1.21	-1.10	-0.50	-0.69	-0.41	-0.51	-0.44	-0.35	-0.94	-0.93	-0.86	-1.13	-1.44	-1.419	-1.481	-1.423	-1.441	-1.454			
5	3.42	2.81	2.52	2.41	2.43	2.41	2.46	2.54	2.56	2.27	1.40	0.27	-1.13	-2.35	-3.14	-3.48	-3.48	-3.48	-3.06	-2.06	-1.42	-0.50	-0.38	-0.78	-0.21	-0.18	-1.15	-1.15	-1.07	-1.41	-1.28	-1.222	-1.400	-1.474	-1.414	-1.455	-1.454			
10	3.42	2.81	2.51	2.41	2.43	2.41	2.46	2.54	2.56	2.27	1.40	0.27	-1.13	-2.35	-3.14	-3.48	-3.48	-3.48	-3.06	-2.06	-1.42	-0.50	-0.38	-0.78	-0.21	-0.18	-1.15	-1.15	-1.07	-1.41	-1.28	-1.222	-1.400	-1.474	-1.414	-1.455	-1.454			
15	3.42	2.80	2.51	2.41	2.43	2.41	2.46	2.54	2.56	2.27	1.40	0.27	-1.13	-2.35	-3.14	-3.48	-3.48	-3.48	-3.06	-2.06	-1.42	-0.50	-0.38	-0.78	-0.21	-0.18	-1.15	-1.15	-1.07	-1.41	-1.28	-1.222	-1.400	-1.474	-1.414	-1.455	-1.454			
20	3.42	2.82	2.72	2.73	2.76	2.72	2.67	2.63	2.51	2.00	1.12	-0.40	-2.13	-3.44	-3.89	-4.00	-4.22	-4.25	-3.91	-2.79	-1.45	-0.44	-0.16	-1.15	-1.13	-1.05	-1.08	-1.05	-1.08	-1.24	-1.22	-1.224	-1.448	-1.456	-1.378	-1.440	-1.454			
25	3.42	2.86	2.83	2.89	2.91	2.79	2.71	2.61	2.42	2.15	1.83	-0.04	-0.82	-2.51	-3.77	-4.25	-4.36	-4.42	-4.01	-3.48	-1.43	-0.44	-0.17	-1.24	-1.24	-1.16	-1.13	-1.10	-1.24	-1.23	-1.238	-1.448	-1.452	-1.431	-1.436	-1.454				
30	3.42	2.91	2.86	2.97	3.07	2.84	2.74	2.67	2.47	2.07	1.62	1.01	-0.80	-1.23	-2.77	-3.44	-4.75	-5.02	-4.54	-3.27	-1.49	-0.44	-0.17	-1.24	-1.24	-1.16	-1.13	-1.10	-1.24	-1.23	-1.238	-1.448	-1.452	-1.431	-1.436	-1.454				
35	3.42	3.07	3.04	3.22	3.24	2.98	2.84	2.66	2.28	1.64	0.80	0.21	-0.56	-2.45	-3.40	-4.36	-5.10	-5.10	-4.46	-3.10	-1.44	-0.40	-0.16	-1.24	-1.24	-1.16	-1.13	-1.10	-1.24	-1.23	-1.238	-1.448	-1.452	-1.431	-1.436	-1.454				
40	3.42	3.12	3.21	3.44	3.42	2.93	2.73	2.53	2.13	1.23	0.37	-0.40	-1.13	-1.80	-2.59	-3.68	-5.18	-5.05	-4.65	-3.60	-1.61	-0.40	-0.16	-1.24	-1.24	-1.16	-1.13	-1.10	-1.24	-1.23	-1.238	-1.448	-1.452	-1.431	-1.436	-1.454				
45	3.42	3.18	3.33	3.62	3.59	3.03	2.85	2.66	2.04	-0.02	-1.29	-1.55	-1.36	-2.94	-4.80	-7.14	-8.17	-8.17	-7.14	-4.46	-2.03	-0.22	-0.32	-0.73	-1.08	-1.28	-1.50	-1.37	-1.29	-1.28	-1.451	-1.432	-1.531	-1.425	-1.384	-1.433	-1.454			
50	3.42	3.25	3.46	3.76	3.78	3.15	2.78	2.35	1.70	0.82	-0.11	-0.87	-1.11	-1.77	-3.39	-5.25	-6.12	-6.12	-4.44	-2.06	-0.11	-0.73	-0.40	-1.06	-1.04	-1.13	-1.25	-1.32	-1.28	-1.472	-1.440	-1.558	-1.532	-1.424	-1.527	-1.454				
55	3.42	3.31	3.51	3.71	3.71	2.95	2.47	2.02	1.29	0.42	-0.27	-0.50	-0.73	-1.20	-2.37	-4.00	-5.38	-5.38	-4.00	-2.10	-0.40	-0.16	-0.73	-0.40	-1.06	-1.04	-1.13	-1.25	-1.32	-1.28	-1.472	-1.440	-1.558	-1.532	-1.424	-1.527	-1.454			
60	3.42	3.37	3.67	3.84	3.84	3.04	2.47	1.96	1.24	0.35	-0.31	-0.53	-0.83	-1.54	-2.90	-5.44	-7.33	-7.33	-5.44	-3.01	-0.42	-0.16	-0.73	-0.40	-1.06	-1.04	-1.13	-1.25	-1.32	-1.28	-1.472	-1.440	-1.558	-1.532	-1.424	-1.527	-1.454			
65	3.42	3.43	3.77	3.94	3.94	3.15	2.61	2.06	1.41	0.09	-0.14	-0.10	-0.22	-1.31	-3.00	-5.84	-8.39	-8.39	-5.84	-3.52	-0.44	-0.16	-0.73	-0.40	-1.06	-1.04	-1.13	-1.25	-1.32	-1.28	-1.472	-1.440	-1.558	-1.532	-1.424	-1.527	-1.454			
70	3.42	3.49	3.85	4.02	4.02	3.23	2.68	2.08	1.29	0.17	-0.11	-0.15	-0.31	-1.20	-3.40	-6.34	-9.19	-9.19	-6.34	-4.07	-0.49	-0.16	-0.73	-0.40	-1.06	-1.04	-1.13	-1.25	-1.32	-1.28	-1.472	-1.440	-1.558	-1.532	-1.424	-1.527	-1.454			
75	3.42	3.55	3.82	4.08	4.08	3.25	2.68	2.08	1.29	0.07	-0.15	-0.19	-0.34	-1.27	-4.42	-6.65	-9.71	-9.71	-6.65	-4.58	-0.48	-0.16	-0.73	-0.40	-1.06	-1.04	-1.13	-1.25	-1.32	-1.28	-1.472	-1.440	-1.558	-1.532	-1.424	-1.527	-1.454			
80	3.42	3.60	3.89	4.12	4.12	3.28	2.76	2.12	1.40	0.02	-0.42	-0.46	-0.56	-1.36	-4.46	-6.78	-10.10	-10.10	-6.78	-4.84	-0.46	-0.16	-0.73	-0.40	-1.06	-1.04	-1.13	-1.25	-1.32	-1.28	-1.472	-1.440	-1.558	-1.532	-1.424	-1.527	-1.454			
85	3.42	3.65	4.06	4.26	4.26	3.31	2.74	2.10	1.40	0.05	-0.49	-0.59	-0.71	-1.51	-2.01	-4.84	-7.45	-7.47	-7.37	-4.83	-0.47	-0.16	-0.73	-0.40	-1.06	-1.04	-1.13	-1.25	-1.32	-1.28	-1.472	-1.440	-1.558	-1.532	-1.424	-1.527	-1.454			
90	3.42	3.71	4.11	4.36	4.29	3.34	2.67	1.56	1.06	0.12	-0.18	-0.40	-0.83	-1.76	-3.62	-5.50	-8.39	-8.39	-5.50	-5.94	-0.51	-0.17	-1.28	-1.07	-1.13	-1.08	-1.15	-1.40	-1.42	-1.44	-1.628	-1.552	-1.737	-1.440	-1.539	-1.521	-1.454			
95	3.42	3.76	4.16	4.37	4.18	3.56	2.64	1.69	1.01	0.07	-0.51	-0.55	-0.67	-1.77	-3.31	-6.61	-8.50	-8.50	-6.61	-6.50	-0.45	-0.16	-1.18	-1.10	-1.25	-1.00	-1.34	-1.24	-1.11	-1.44	-1.646	-1.552	-1.615	-1.474	-1.651	-1.453	-1.338	-1.579	-1.454	
100	3.42	3.81	4.21	4.37	4.12	3.68	2.69	1.80	1.05	0.09	-0.59	-0.69	-0.78	-1.78	-3.32	-6.62	-8.58	-8.58	-6.62	-6.78	-0.45	-0.16	-1.18	-1.10	-1.25	-1.00	-1.34	-1.24	-1.11	-1.44	-1.646	-1.552	-1.615	-1.474	-1.651	-1.453	-1.338	-1.579	-1.454	
105	3.42	3.85	4.26	4.32	4.05	4.41	2.82	2.45	2.13	1.75	1.32	-0.07	-0.56	-1.41	-2.46	-4.08	-4.72	-4.72	-4.08	-7.38	-0.47	-0.16	-1.18	-1.10	-1.25	-1.00	-1.34	-1.24	-1.11	-1.44	-1.646	-1.552	-1.615	-1.474	-1.651	-1.453	-1.338	-1.579	-1.454	
110	3.42	3.90	4.30	4.36	4.36	3.86	3.34	2.98	2.91	2.74	2.25	1.97	-0.10	-0.69	-0.40	-1.36	-2.25	-2.27	-2.25	-4.99	-0.42	-0.16	-1.18	-1.07	-1.13	-1.02	-1.72	-1.07	-1.13	-1.38	-1.286	-1.286	-1.333	-1.131	-1.682	-1.276	-1.284	-1.441	-1.604	-1.454
115	3.42	3.94	4.34	4.36	4.36	3.86	3.25	3.14	3.33	3.24	2.83	2.63	1.88	0.95	0.74	0.27	-1.40	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	
120	3.42	3.98	4.38	4.34	4.34	3.75	3.15	3.24	3.64	3.58	2.82	2.62	1.84	0.74	0.72	0.43	-1.76	-0.34	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	
125	3.42	4.02	4.40	4.34	4.34	3.75	3.15	3.24	3.64	3.58	2.82	2.62	1.84	0.74	0.72	0.43	-1.76	-0.34	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	
130	3.42	4.05	4.47	4.33	4.34	3.54	2.85	3.18	3.82	3.74	2.78	1.92	0.34	0.49	0.12	-0.47	-1.02	-1.15	-1.02	-1.15	-0.47	-0.16	-0.73	-0.40	-1.06	-1.04	-1.13	-1.25	-1.32	-1.28	-1.472	-1.440	-1.558	-1.532	-1.424	-1.527	-1.454	-1.454		
135	3.42	4.08	4.51	4.34	4.34	3.46	2.66	3.01	3.70	3.64	2.80	1.92	0.35	0.40	-0.44	-1.24	-1.42	-1.42	-1.42	-1.42	-0.47	-0.16	-0.73	-0.40	-1.06	-1.04	-1.13	-1.25	-1.32	-1.28	-1.472	-1.440	-1.558	-1.532	-1.424	-1.527	-1.454	-1.454		
140	3.42	4.11	4.56	4.37	4.40	2.46	2.73	3.44	3.46	2.86	1.44	0.58	0.21	-0.90	-4.46	-10.24	-9.82	-9.82	-9.82	-9.82	-0.47	-0.16	-0.73	-0.40	-1.06	-1.04	-1.13	-1.25	-1.32	-1.28	-1.472	-1.440	-1.558	-1.532	-1.424	-1.527	-1.454	-1.454		
145	3.42	4.15	4.60	4.48	4.48	2.46	2.29	3.26	3.07	3.22	2.63	1.73	0.08	-0.90	-4.46	-10.24	-9.82	-9.82	-9.82	-9.82	-0.47	-0.16	-0.73	-0.40	-1.06	-1.04	-1.13	-1.25	-1.32	-1.28	-1.472	-1.440	-1.558	-1.532	-1.424	-1.527	-1.454	-1.454		
150	3.42	4.18	4.64	4.52	4.52	2.46	2.14	3.19	2.87	2.87	2.46	1.44	0.08	-0.90	-4.46	-10.24	-9.82	-9.82	-9.82	-9.82	-0.47	-0.16	-0.73	-0.40	-1.06	-1.04	-1.13	-1.25	-1.32	-1.28	-1.472	-1.440	-1.558	-1.532	-1.424	-1.527	-1.454	-1.454		
155	3.42	4.17	4.68	4.55	4.55	2.50	2.21	3.65	2.73	2.58	2.58	1.24	0.81	-1.24	-3.46	-7.73	-1.15	-1.52	-7.73	-4.27	-1.16	-0.38	-0.94	-1.40	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	
160	3.42	4.19	4.72	4.64	4.75	2.38	1.51	1.72	2.24	2.47	2.27	2.02	1.45	-0.59	-0.10	-0.53	1.80	1.84	-0.44	-0.44	-0.39	-0.47	-0.42	-1.08	-1.08	-1.08	-1													

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	-6.26	-6.43	-6.59	-6.75	-6.91	-7.07	-7.24	-7.40	-7.56	-7.72	-7.88	-8.04	-8.20	-8.36	-8.52	-8.68
5	2.88	3.20	3.61	3.93	4.16	4.29	4.34	4.36	4.28	4.00	3.41	2.66	1.23	0.09	-0.33	-2.39	-3.96	-4.10	-4.40	-4.62	-4.77	-4.93	-5.06	-5.20	-5.34	-5.48	-5.62	-5.76	-5.90	-6.04	-6.18	-6.32	-6.46	-6.60	-6.74	-6.88	-7.02	-7.16	
10	2.88	3.20	3.61	3.93	4.16	4.29	4.34	4.36	4.28	4.00	3.41	2.66	1.23	0.09	-0.33	-2.39	-3.96	-4.10	-4.40	-4.62	-4.77	-4.93	-5.06	-5.20	-5.34	-5.48	-5.62	-5.76	-5.90	-6.04	-6.18	-6.32	-6.46	-6.60	-6.74	-6.88	-7.02	-7.16	
15	2.88	3.20	3.61	3.93	4.16	4.29	4.34	4.36	4.28	4.00	3.41	2.66	1.23	0.09	-0.33	-2.39	-3.96	-4.10	-4.40	-4.62	-4.77	-4.93	-5.06	-5.20	-5.34	-5.48	-5.62	-5.76	-5.90	-6.04	-6.18	-6.32	-6.46	-6.60	-6.74	-6.88	-7.02	-7.16	
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	0.19	-0.24	-2.25	-3.78	-3.92	-4.10	-4.28	-4.46	-4.64	-4.82	-4.99	-5.17	-5.34	-5.51	-5.68	-5.85	-6.02	-6.19	-6.36	-6.53	-6.70	-6.87	-7.04	-7.21	-7.38	
25	2.88	3.16	3.45	3.64	3.77	3.84	3.79	3.64	3.09	2.55	2.15	1.54	0.40	0.20	-0.70	-2.82	-4.64	-4.80	-5.01	-5.18	-5.35	-5.52	-5.69	-5.86	-6.03	-6.20	-6.37	-6.54	-6.71	-6.88	-7.05	-7.22	-7.39	-7.56	-7.73	-7.90	-8.07	-8.24	
30	2.88	3.14	3.39	3.58	3.76	3.86	3.80	3.43	2.79	2.16	1.82	1.25	0.24	0.29	-0.78	-2.94	-4.84	-5.07	-5.27	-5.45	-5.63	-5.81	-5.99	-6.17	-6.35	-6.53	-6.71	-6.89	-7.07	-7.25	-7.43	-7.61	-7.79	-7.97	-8.15	-8.33	-8.51		
35	2.88	3.13	3.37	3.55	3.73	3.85	3.77	3.35	2.70	2.06	1.72	1.15	0.38	0.39	-0.80	-2.98	-4.98	-5.20	-5.39	-5.57	-5.75	-5.93	-6.11	-6.29	-6.47	-6.65	-6.83	-7.01	-7.19	-7.37	-7.55	-7.73	-7.91	-8.09	-8.27	-8.45	-8.63		
40	2.88	3.08	3.27	3.48	3.70	3.80	3.64	3.35	2.37	1.59	1.61	1.32	0.34	0.23	-0.84	-3.03	-5.12	-5.34	-5.52	-5.70	-5.88	-6.06	-6.24	-6.42	-6.60	-6.78	-6.96	-7.14	-7.32	-7.50	-7.68	-7.86	-8.04	-8.22	-8.40	-8.58			
45	2.88	3.05	3.20	3.43	3.78	3.80	3.60	3.33	2.23	1.43	1.51	1.21	0.31	0.29	-0.86	-3.09	-5.18	-5.40	-5.58	-5.76	-5.94	-6.12	-6.30	-6.48	-6.66	-6.84	-7.02	-7.20	-7.38	-7.56	-7.74	-7.92	-8.10	-8.28	-8.46	-8.64			
50	2.88	3.01	3.13	3.37	3.76	4.10	4.06	3.30	2.12	1.32	1.42	1.32	0.40	0.21	-0.92	-3.21	-5.32	-5.54	-5.72	-5.90	-6.08	-6.26	-6.44	-6.62	-6.80	-6.98	-7.16	-7.34	-7.52	-7.70	-7.88	-8.06	-8.24	-8.42	-8.60	-8.78			
55	2.88	2.96	3.06	3.30	3.74	4.06	4.02	3.36	2.04	1.25	1.34	1.26	0.41	0.22	-0.93	-3.26	-5.37	-5.59	-5.77	-5.95	-6.13	-6.31	-6.49	-6.67	-6.85	-7.03	-7.21	-7.39	-7.57	-7.75	-7.93	-8.11	-8.29	-8.47	-8.65	-8.83			
60	2.88	2.92	2.98	3.21	3.64	4.04	4.02	3.36	2.04	1.27	1.33	1.35	0.37	0.29	-0.97	-3.38	-5.49	-5.71	-5.89	-6.07	-6.25	-6.43	-6.61	-6.79	-6.97	-7.15	-7.33	-7.51	-7.69	-7.87	-8.05	-8.23	-8.41	-8.59	-8.77	-8.95			
65	2.88	2.87	2.89	3.11	3.53	3.94	3.97	3.27	2.13	1.40	1.44	1.48	0.30	0.24	-1.00	-3.47	-5.58	-5.80	-5.98	-6.16	-6.34	-6.52	-6.70	-6.88	-7.06	-7.24	-7.42	-7.60	-7.78	-7.96	-8.14	-8.32	-8.50	-8.68	-8.86	-9.04			
70	2.88	2.83	2.80	2.98	3.38	3.80	3.80	3.30	2.31	1.67	1.69	1.68	0.28	0.24	-1.03	-3.57	-5.68	-5.90	-6.08	-6.26	-6.44	-6.62	-6.80	-6.98	-7.16	-7.34	-7.52	-7.70	-7.88	-8.06	-8.24	-8.42	-8.60	-8.78	-8.96	-9.14			
75	2.88	2.78	2.70	2.83	3.19	3.61	3.58	3.34	2.52	1.98	1.98	1.92	0.21	0.11	-1.04	-3.64	-5.75	-5.97	-6.15	-6.33	-6.51	-6.69	-6.87	-7.05	-7.23	-7.41	-7.59	-7.77	-7.95	-8.13	-8.31	-8.49	-8.67	-8.85	-9.03	-9.21			
80	2.88	2.73	2.65	2.78	3.00	3.40	3.36	3.17	2.35	1.80	1.76	1.70	0.16	0.06	-1.05	-3.70	-5.81	-6.03	-6.21	-6.39	-6.57	-6.75	-6.93	-7.11	-7.29	-7.47	-7.65	-7.83	-8.01	-8.19	-8.37	-8.55	-8.73	-8.91	-9.09	-9.27			
85	2.88	2.67	2.60	2.68	2.94	3.36	3.48	3.31	2.57	2.00	2.00	2.00	0.10	0.00	-1.06	-3.76	-5.87	-6.09	-6.27	-6.45	-6.63	-6.81	-6.99	-7.17	-7.35	-7.53	-7.71	-7.89	-8.07	-8.25	-8.43	-8.61	-8.79	-8.97	-9.15	-9.33			
90	2.88	2.62	2.58	2.51	2.74	3.16	3.30	3.20	2.61	1.98	1.83	1.40	0.13	0.08	-1.07	-3.83	-5.94	-6.16	-6.34	-6.52	-6.70	-6.88	-7.06	-7.24	-7.42	-7.60	-7.78	-7.96	-8.14	-8.32	-8.50	-8.68	-8.86	-9.04	-9.22				
95	2.88	2.57	2.58	2.12	2.22	2.63	3.07	3.03	2.40	1.80	0.95	0.47	0.17	0.11	-0.83	-3.92	-6.03	-6.25	-6.43	-6.61	-6.79	-6.97	-7.15	-7.33	-7.51	-7.69	-7.87	-8.05	-8.23	-8.41	-8.59	-8.77	-8.95	-9.13	-9.31	-9.49			
100	2.88	2.50	2.57	1.90	1.85	2.23	2.87	2.78	2.12	1.17	0.23	0.49	-0.38	-0.80	-2.95	-5.07	-5.39	-5.61	-5.83	-6.05	-6.27	-6.49	-6.71	-6.93	-7.15	-7.37	-7.59	-7.81	-8.03	-8.25	-8.47	-8.69	-8.91	-9.13	-9.35	-9.57			
105	2.88	2.47	2.07	1.75	1.68	2.00	2.50	2.48	1.82	0.78	0.45	0.38	-0.58	-0.98	-3.06	-5.18	-5.50	-5.82	-6.14	-6.46	-6.78	-7.10	-7.42	-7.74	-8.06	-8.38	-8.70	-9.02	-9.34	-9.66	-9.98	-10.30	-10.62	-10.94	-11.26				
110	2.88	2.42	1.97	1.57	1.43	1.70	2.15	2.15	1.50	0.48	-0.44	-0.80	-0.76	-0.45	-1.15	-3.44	-5.56	-5.88	-6.20	-6.52	-6.84	-7.16	-7.48	-7.80	-8.12	-8.44	-8.76	-9.08	-9.40	-9.72	-10.04	-10.36	-10.68	-11.00	-11.32				
115	2.88	2.37	1.87	1.41	1.18	1.37	1.75	1.73	1.13	0.28	-0.83	-1.13	-0.97	-0.32	-0.48	-0.81	-0.98	-1.40	-1.72	-2.04	-2.36	-2.68	-3.00	-3.32	-3.64	-3.96	-4.28	-4.60	-4.92	-5.24	-5.56	-5.88	-6.20	-6.52	-6.84	-7.16			
120	2.88	2.33	1.79	1.27	0.97	1.05	1.30	1.23	0.64	-0.21	-1.12	-0.99	-0.46	-0.53	-0.61	-0.52	-0.07	-1.00	-1.18	-1.36	-1.54	-1.72	-1.90	-2.08	-2.26	-2.44	-2.62	-2.80	-2.98	-3.16	-3.34	-3.52	-3.70	-3.88	-4.06	-4.24			
125	2.88	2.28	1.74	1.20	0.86	0.96	1.16	1.09	0.50	-0.31	-1.04	-0.90	-0.37	-0.44	-0.52	-0.43	-0.14	-0.32	-0.50	-0.68	-0.86	-1.04	-1.22	-1.40	-1.58	-1.76	-1.94	-2.12	-2.30	-2.48	-2.66	-2.84	-3.02	-3.20	-3.38	-3.56			
130	2.88	2.24	1.64	1.05	0.64	0.68	0.82	0.85	-0.72	-1.63	-2.46	-3.44	-4.91	-6.08	-6.48	-6.88	-7.28	-7.68	-8.08	-8.48	-8.88	-9.28	-9.68	-10.08	-10.48	-10.88	-11.28	-11.68	-12.08	-12.48	-12.88	-13.28	-13.68	-14.08	-14.48	-14.88			
135	2.88	2.21	1.58	0.97	0.55	0.33	0.12	-0.40	-1.28	-2.24	-3.10	-4.07	-5.06	-6.04	-7.01	-8.00	-8.98	-9.96	-10.94	-11.92	-12.90	-13.88	-14.86	-15.84	-16.82	-17.80	-18.78	-19.76	-20.74	-21.72	-22.70	-23.68	-24.66	-25.64	-26.62				
140	2.88	2.17	1.53	0.93	0.51	0.25	0.02	-0.58	-1.42	-2.34	-3.20	-4.22	-5.21	-6.20	-7.19	-8.18	-9.16	-10.14	-11.12	-12.10	-13.08	-14.06	-15.04	-16.02	-17.00	-17.98	-18.96	-19.94	-20.92	-21.90	-22.88	-23.86	-24.84	-25.82	-26.80				
145	2.88	2.15	1.50	0.93	0.50	0.20	0.02	-0.68	-1.57	-2.48	-3.34	-4.36	-5.35	-6.33	-7.31	-8.29	-9.27	-10.25	-11.23	-12.21	-13.19	-14.17	-15.15	-16.13	-17.11	-18.09	-19.07	-20.05	-21.03	-22.01	-23.00	-23.98	-24.96	-25.94	-26.92				
150	2.88	2.12	1.48	0.93	0.51	0.30	0.05	-0.75	-1.62	-2.54	-3.40	-4.38	-5.36	-6.34	-7.32	-8.30	-9.28	-10.26	-11.24	-12.22	-13.20	-14.18	-15.16	-16.14	-17.12	-18.10	-19.08	-20.06	-21.04	-22.02	-23.00	-23.98	-24.96	-25.94	-26.92				
155	2.88	2.10	1.50	1.04	0.76	0.55	0.33	0.01	-0.48	-1.35	-2.30	-3.05	-3.90	-4.10	-4.24	-4.41	-4.58	-4.75	-4.92	-5.09	-5.26	-5.43	-5.60	-5.77	-5.94	-6.11	-6.28	-6.45	-6.62	-6.79	-6.96	-7.13	-7.30	-7.47	-7.64				
160	2.88	2.09	1.54	1.18	0.78	0.53	0.19	0.34	-1.14	-2.34	-3.01	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16	-3.16				
165	2.88	2.09	1.60	1.37	1.27	1.07	0.77	0.35	-0.23	-1.11	-2.34	-3.02	-3.78	-4.50	-5.22	-5.94	-6.66	-7.38	-8.10	-8.82	-9.54	-10.26	-10.98	-11.70	-12.42	-13.14	-13.86	-14.58	-15.30	-16.02	-16.74	-17.46	-18.18	-18.90	-19.62				
170	2.88	2.08	1.60	1.40	1.30	1.10	0.80	0.40	-0.20	-1.10	-2.30	-3.00	-3.70	-4.40	-5.																								

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	
0	3.60	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	-2.25	-2.45	-2.25	-1.42	-0.28	0.45	1.26	2.05	2.78	3.40	3.86	4.14	4.21	4.06	3.73	3.18	2.43	1.51	0.40	
5	3.60	4.29	4.59	4.56	4.36	4.12	3.92	3.70	3.50	3.27	2.96	2.56	1.65	0.62	-0.31	-0.68	-1.19	-1.68	-2.05	-2.35	-2.48	-2.36	-1.48	-0.36	0.46	1.26	2.05	2.78	3.40	3.86	4.14	4.21	4.06	3.73	3.18	2.43	1.51	
10	3.60	4.29	4.59	4.56	4.36	4.12	3.92	3.70	3.50	3.27	2.96	2.56	1.65	0.62	-0.31	-0.68	-1.19	-1.68	-2.05	-2.35	-2.48	-2.36	-1.48	-0.36	0.46	1.26	2.05	2.78	3.40	3.86	4.14	4.21	4.06	3.73	3.18	2.43	1.51	
15	3.60	4.28	4.56	4.48	4.23	3.92	3.59	3.33	3.13	2.94	2.60	2.20	1.25	0.25	-0.47	-0.76	-1.26	-1.74	-2.10	-2.35	-2.48	-2.36	-1.48	-0.36	0.46	1.26	2.05	2.78	3.40	3.86	4.14	4.21	4.06	3.73	3.18	2.43	1.51	
20	3.60	4.28	4.52	4.41	4.17	3.85	3.46	3.06	2.71	2.56	2.25	1.84	0.84	0.14	-0.24	-0.56	-1.03	-1.50	-1.86	-2.10	-2.35	-2.48	-2.36	-1.48	-0.36	0.46	1.26	2.05	2.78	3.40	3.86	4.14	4.21	4.06	3.73	3.18	2.43	1.51
25	3.60	4.26	4.46	4.33	4.11	3.76	3.36	2.99	2.66	2.38	2.07	1.67	0.67	0.14	-0.24	-0.56	-1.03	-1.50	-1.86	-2.10	-2.35	-2.48	-2.36	-1.48	-0.36	0.46	1.26	2.05	2.78	3.40	3.86	4.14	4.21	4.06	3.73	3.18	2.43	1.51
30	3.60	4.23	4.38	4.23	4.04	3.70	3.28	2.95	2.64	2.36	2.04	1.64	0.64	0.14	-0.24	-0.56	-1.03	-1.50	-1.86	-2.10	-2.35	-2.48	-2.36	-1.48	-0.36	0.46	1.26	2.05	2.78	3.40	3.86	4.14	4.21	4.06	3.73	3.18	2.43	1.51
35	3.60	4.19	4.31	4.16	3.96	3.60	3.17	2.84	2.52	2.21	1.90	1.50	0.50	0.00	-0.24	-0.56	-1.03	-1.50	-1.86	-2.10	-2.35	-2.48	-2.36	-1.48	-0.36	0.46	1.26	2.05	2.78	3.40	3.86	4.14	4.21	4.06	3.73	3.18	2.43	1.51
40	3.60	4.16	4.18	4.00	3.80	3.42	3.02	2.68	2.32	2.04	1.74	1.32	0.32	-0.14	-0.46	-0.76	-1.26	-1.74	-2.10	-2.35	-2.48	-2.36	-1.48	-0.36	0.46	1.26	2.05	2.78	3.40	3.86	4.14	4.21	4.06	3.73	3.18	2.43	1.51	
45	3.60	4.14	4.04	3.86	3.62	3.24	2.84	2.45	2.10	1.74	1.32	0.84	0.14	-0.24	-0.56	-1.03	-1.50	-1.86	-2.10	-2.35	-2.48	-2.36	-1.48	-0.36	0.46	1.26	2.05	2.78	3.40	3.86	4.14	4.21	4.06	3.73	3.18	2.43	1.51	
50	3.60	4.04	3.83	3.71	3.71	3.71	3.29	3.24	2.96	2.58	2.18	1.78	0.84	0.14	-0.24	-0.56	-1.03	-1.50	-1.86	-2.10	-2.35	-2.48	-2.36	-1.48	-0.36	0.46	1.26	2.05	2.78	3.40	3.86	4.14	4.21	4.06	3.73	3.18	2.43	1.51
55	3.60	3.97	3.79	3.86	3.86	3.86	3.30	3.26	2.97	2.61	2.22	1.87	0.87	0.14	-0.24	-0.56	-1.03	-1.50	-1.86	-2.10	-2.35	-2.48	-2.36	-1.48	-0.36	0.46	1.26	2.05	2.78	3.40	3.86	4.14	4.21	4.06	3.73	3.18	2.43	1.51
60	3.60	3.95	3.78	3.87	3.87	3.87	3.30	3.26	2.97	2.61	2.22	1.87	0.87	0.14	-0.24	-0.56	-1.03	-1.50	-1.86	-2.10	-2.35	-2.48	-2.36	-1.48	-0.36	0.46	1.26	2.05	2.78	3.40	3.86	4.14	4.21	4.06	3.73	3.18	2.43	1.51
65	3.60	3.84	3.58	3.70	3.70	3.70	3.33	3.30	3.02	2.66	2.28	1.93	0.93	-0.07	-0.40	-0.70	-1.19	-1.68	-2.05	-2.35	-2.48	-2.36	-1.48	-0.36	0.46	1.26	2.05	2.78	3.40	3.86	4.14	4.21	4.06	3.73	3.18	2.43	1.51	
70	3.60	3.76	3.35	2.98	3.08	3.46	3.81	3.29	2.67	2.14	1.72	1.21	0.59	0.24	-0.11	-0.41	-0.66	-0.61	-0.40	-0.52	-0.63	-0.52	-0.29	0.46	1.26	2.05	2.78	3.40	3.86	4.14	4.21	4.06	3.73	3.18	2.43	1.51		
75	3.60	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	-0.62	-0.75	-0.61	-0.42	-0.20	0.46	1.26	2.05	2.78	3.40	3.86	4.14	4.21	4.06	3.73	3.18	2.43	1.51		
80	3.60	3.59	3.08	2.63	2.74	3.20	3.54	3.37	2.85	2.25	1.68	1.01	0.31	0.31	-0.14	-0.27	-0.56	-0.62	-0.62	-0.75	-0.61	-0.42	-0.20	0.46	1.26	2.05	2.78	3.40	3.86	4.14	4.21	4.06	3.73	3.18	2.43	1.51		
85	3.60	3.54	2.90	2.35	2.44	3.04	3.30	3.20	2.68	2.08	1.51	0.81	0.07	0.07	-0.14	-0.27	-0.56	-0.62	-0.62	-0.75	-0.61	-0.42	-0.20	0.46	1.26	2.05	2.78	3.40	3.86	4.14	4.21	4.06	3.73	3.18	2.43	1.51		
90	3.60	3.46	2.75	2.14	2.26	2.86	3.44	3.17	2.30	1.73	1.16	0.50	-0.04	-0.47	-0.11	-0.66	-0.46	-0.22	-0.44	-0.46	-0.78	-0.84	-0.70	0.45	1.01	0.89	0.87	0.81	0.74	0.86	1.14	1.26	1.40	1.56	1.68	1.80	1.95	
95	3.60	3.39	2.61	1.94	1.97	2.64	3.33	3.40	2.93	1.87	0.83	0.40	0.80	0.29	-0.18	-0.50	-0.38	-0.84	-0.56	-0.78	-0.84	-0.70	0.45	1.01	0.89	0.87	0.81	0.74	0.86	1.14	1.26	1.40	1.56	1.68	1.80	1.95		
100	3.60	3.31	2.47	1.74	1.73	2.47	3.17	3.27	2.62	1.62	0.55	0.43	0.46	0.25	-0.22	-0.66	-0.46	-0.78	-0.52	-0.41	-0.46	-0.29	0.45	1.01	0.89	0.87	0.81	0.74	0.86	1.14	1.26	1.40	1.56	1.68	1.80	1.95		
105	3.60	3.26	2.36	1.68	1.67	2.36	3.02	3.12	2.37	1.47	0.40	0.31	0.31	0.14	-0.24	-0.56	-0.62	-0.62	-0.75	-0.61	-0.42	-0.20	0.46	1.26	2.05	2.78	3.40	3.86	4.14	4.21	4.06	3.73	3.18	2.43	1.51			
110	3.60	3.18	2.23	1.38	1.26	1.87	2.56	2.68	1.94	0.99	-0.58	-0.40	-0.80	-0.46	-0.95	-1.01	-0.25	-0.78	-0.44	-0.52	-0.33	-0.68	-0.93	-0.68	-0.27	0.46	1.26	2.05	2.78	3.40	3.86	4.14	4.21	4.06	3.73	3.18	2.43	1.51
115	3.60	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	-0.24	-0.16	-0.22	-0.34	-0.13	-0.29	-0.44	-0.26	-0.84	-0.08	-0.26	-0.42	-0.28	-0.78	-0.42	-0.68	-0.55		
120	3.60	3.06	2.03	0.89	0.81	1.24	1.78	1.83	1.13	-0.22	-0.81	-0.37	-0.33	-0.62	-0.80	-1.00	-0.78	-0.53	-0.10	-0.34	-0.03	-0.17	-0.47	-0.56	-0.74	-0.67	-0.56	-0.17	-0.26	-0.33	-0.27	-0.28	-0.68	-0.76	-0.96	-0.93		
125	3.60	3.01	1.95	0.67	0.63	0.83	1.34	1.28	0.55	-0.75	-1.13	-0.33	-0.40	-0.11	-0.75	-0.82	-0.42	-0.09	-0.16	-0.13	-0.13	-0.02	-0.45	-0.34	-0.12	-0.48	-0.33	-0.26	-0.14	-0.27	-0.32	-0.46	-0.62	-0.83	-0.93	-0.93		
130	3.60	2.96	1.89	0.60	0.57	0.80	1.30	1.20	0.40	-0.80	-1.00	-0.40	-0.40	-0.10	-0.80	-0.80	-0.40	-0.10	-0.10	-0.10	-0.10	-0.02	-0.45	-0.34	-0.12	-0.48	-0.33	-0.26	-0.14	-0.27	-0.32	-0.46	-0.62	-0.83	-0.93	-0.93		
135	3.60	2.91	1.83	0.65	0.42	0.82	0.65	0.32	-0.85	-1.00	-1.12	-0.41	-0.12	-0.67	-0.78	-0.90	-0.40	-0.10	-0.16	-0.14	-0.09	-0.30	-0.68	-0.40	-0.13	-0.56	-0.33	-0.26	-0.14	-0.27	-0.32	-0.46	-0.62	-0.83	-0.93	-0.93		
140	3.60	2.88	1.80	0.84	0.42	0.40	0.55	0.17	-0.76	-0.20	-0.36	-0.41	-0.12	-0.67	-0.78	-0.90	-0.40	-0.10	-0.16	-0.14	-0.09	-0.30	-0.68	-0.40	-0.13	-0.56	-0.33	-0.26	-0.14	-0.27	-0.32	-0.46	-0.62	-0.83	-0.93	-0.93		
145	3.60	2.95	1.79	0.67	0.40	0.65	0.60	0.25	-0.40	-0.73	-0.20	-0.36	-0.45	-0.62	-0.40	-0.67	-0.18	-0.12	-0.09	-0.30	-0.68	-0.40	-0.13	-0.56	-0.33	-0.26	-0.14	-0.27	-0.32	-0.46	-0.62	-0.83	-0.93	-0.93	-0.93			
150	3.60	2.88	1.84	0.84	0.40	0.40	0.40	0.10	-0.76	-0.20	-0.36	-0.40	-0.12	-0.67	-0.78	-0.90	-0.40	-0.10	-0.16	-0.14	-0.09	-0.30	-0.68	-0.40	-0.13	-0.56	-0.33	-0.26	-0.14	-0.27	-0.32	-0.46	-0.62	-0.83	-0.93	-0.93		
155	3.60	2.88	1.82	1.04	0.75	0.84	0.91	0.65	0.02	-0.95	-0.91	-0.79	-0.37	-0.47	-0.54	-0.50	-0.47	-0.80	-0.60	-0.19	-0.12	-0.41	-0.66	-0.54	-0.09	-0.36	-0.40	-0.28	-0.43	-0.26	-0.50	-0.65	-0.82	-0.90	-0.93			
160	3.60	2.79	1.88	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	-0.90	-0.71	-0.72	-0.15	-0.64	-0.62	-0.30	-0.44	-0.33	-0.43	-0.33	-0.27	-0.44	-0.24	-0.38	-0.26	-0.30	-0.25	-0.21		
165	3.60	2.76	1.93	1.35	1.17	1.12	1.19	0.89	0.23	-0.71	-0.80	-0.91	-0.85	-0.84	-0.82	-0.88	-0.88	-0.90	-0.40	-0.12	-0.35	-0.39	-0.29	-0.16	-0.44	-0.32	-0.26	-0.19	-0.26	-0.55	-0.27	-0.18	-0.20	-0.27	-0.12	-0.05		
170	3.60	2.76	2.01	1.55	1.41	1.44	1.36	1.02	0.35	-0.56	-0.58	-0.57	-0.47	-0.40	-0.47	-0.40	-0.42	-0.71	-0.19	-0.30	-0.46	-0.28	-0.10	-														

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	-12.7	-11.44	-14.46	-12.24	-4.48	-4.40	-0.81	-1.11	-12.72	-14.44	-17.53	-17.39	-18.33	-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	-10.46	-10.46	-11.81	-9.78	-4.40	-2.91	-0.80	-0.81	-11.75	-12.72	-15.46	-17.39	-18.33	-20.58	
10	4.07	3.59	2.59	2.34	2.39	2.60	2.86	3.14	3.24	2.90	2.30	1.60	1.00	0.60	0.20	-0.90	-2.00	-3.30	-3.20	-3.50	-4.20	-5.60	-7.20	-10.30	-10.30	-11.70	-9.70	-4.40	-2.90	-0.80	-0.81	-11.75	-12.72	-15.46	-17.39	-18.33	-20.58	
15	4.07	3.54	2.89	2.71	2.65	2.90	3.16	3.35	3.47	3.09	2.45	1.75	1.15	0.74	0.34	-0.84	-2.04	-3.30	-3.20	-3.50	-4.20	-5.60	-7.20	-10.30	-10.30	-11.70	-9.70	-4.40	-2.90	-0.80	-0.81	-11.75	-12.72	-15.46	-17.39	-18.33	-20.58	
20	4.07	3.50	2.88	2.85	3.36	3.80	3.89	3.64	3.13	2.44	1.81	1.05	0.45	-1.40	-2.04	-2.14	-1.99	-1.91	-1.87	-1.80	-2.11	-3.40	-4.05	-4.95	-4.95	-4.45	-4.50	-4.53	-2.29	-4.16	-4.37	-10.88	-13.14	-14.46	-15.39	-17.08	-20.58	
25	4.07	3.47	2.89	3.01	3.62	4.03	3.96	3.46	2.65	1.75	0.90	0.27	-0.28	-0.91	-1.32	-1.83	-1.85	-1.90	-2.18	-2.46	-3.06	-3.46	-4.00	-4.71	-4.94	-4.20	-2.70	-4.05	-4.28	-4.08	-10.04	-11.74	-13.14	-14.46	-14.46	-16.79	-20.58	
30	4.07	3.47	2.90	3.10	3.61	4.01	3.90	3.40	2.60	1.70	0.85	0.22	-0.31	-0.94	-1.35	-1.86	-1.88	-1.93	-2.19	-2.48	-3.07	-3.47	-4.01	-4.72	-4.95	-4.21	-2.71	-4.06	-4.29	-4.09	-10.05	-11.75	-13.15	-14.47	-14.47	-16.80	-20.58	
35	4.07	3.43	2.95	3.28	3.56	4.20	3.75	3.25	2.47	1.26	0.13	0.09	0.03	1.59	1.44	0.54	-0.51	-1.00	-1.82	-2.40	-3.00	-4.46	-4.95	-5.15	-5.55	-5.52	-3.26	-4.31	-2.90	-2.59	-10.71	-11.51	-13.96	-16.03	-17.03	-20.51		
40	4.07	3.43	3.00	3.38	4.01	4.74	3.54	2.20	0.60	-0.28	0.31	1.57	2.31	2.06	0.93	-0.34	-0.60	-1.25	-1.82	-3.22	-4.08	-5.20	-7.10	-7.82	-4.20	4.99	4.64	-5.59	-0.21	-1.56	-14.86	-16.03	-17.04	-17.04	-19.53	-20.58		
45	4.07	3.42	3.04	3.44	4.02	4.70	3.30	1.79	0.17	0.28	0.73	2.05	2.73	2.23	0.87	-0.60	-1.21	-1.16	-1.30	-1.35	-1.73	-2.27	-2.90	-3.70	-4.00	4.33	4.73	-4.15	-4.56	-11.12	-10.56	-13.71	-14.46	-14.46	-16.79	-20.58		
50	4.07	3.43	3.00	3.40	3.90	3.90	3.60	3.00	0.11	0.13	1.24	2.40	2.82	2.19	0.14	-0.58	-1.73	-3.32	-3.64	-4.46	-5.29	-6.62	-8.04	-9.62	-4.40	5.18	-7.06	-4.15	-4.02	-10.31	-10.00	-12.69	-14.46	-15.39	-16.79	-20.58		
55	4.07	3.44	3.11	3.41	3.91	4.41	4.01	3.31	0.41	0.30	1.31	2.41	2.81	2.11	0.41	-0.51	-1.71	-3.31	-3.61	-4.41	-5.21	-6.61	-8.01	-9.61	-4.41	5.11	-7.01	-4.11	-4.01	-10.31	-10.01	-12.69	-14.46	-15.39	-16.79	-20.58		
60	4.07	3.46	3.19	3.51	3.80	3.96	3.41	2.13	0.33	0.44	1.53	2.33	2.90	2.17	0.15	-0.68	-2.03	-3.60	-3.30	-4.00	-5.03	-6.02	-7.42	-8.44	-4.44	4.47	-4.53	-4.62	-4.66	-10.32	-10.01	-12.69	-14.46	-15.39	-16.79	-20.58		
65	4.07	3.48	3.24	3.50	3.69	3.56	2.39	1.29	1.10	1.56	2.53	2.82	2.86	1.99	0.21	-1.82	-2.86	-2.51	-1.91	-2.22	-3.44	-4.39	-4.64	-5.38	-4.99	4.39	-4.40	-4.52	-4.20	-4.91	-10.38	-10.73	-12.72	-14.46	-15.39	-16.79	-20.58	
70	4.07	3.50	3.29	3.50	3.59	3.16	2.18	1.10	1.24	2.04	2.53	2.89	2.53	1.68	-0.05	-0.27	-3.20	-3.07	-3.07	-4.10	-4.51	-5.47	-6.46	-7.41	-4.91	4.06	-4.96	-10.03	-10.33	-9.70	-9.34	-12.68	-14.46	-14.46	-16.79	-18.33	-20.58	
75	4.07	3.51	3.29	3.60	3.60	2.80	1.20	1.10	1.20	2.10	2.50	2.80	2.50	1.70	-0.10	-0.20	-3.10	-3.00	-3.00	-4.10	-4.50	-5.40	-6.40	-7.40	-4.90	4.00	-4.90	-10.00	-10.30	-9.70	-9.34	-12.68	-14.46	-14.46	-16.79	-18.33	-20.58	
80	4.07	3.55	3.40	3.52	3.44	2.90	1.09	0.81	0.58	1.10	1.57	1.83	1.47	0.83	-0.36	-1.07	-4.48	-4.72	-5.14	-5.38	-7.84	-9.72	-12.3	-14.9	-10.6	4.97	-4.96	-4.97	-9.70	-9.57	-9.53	-12.62	-13.95	-13.98	-14.46	-15.39	-16.79	-20.58
85	4.07	3.59	3.45	3.55	3.42	2.90	1.10	0.72	0.10	0.38	0.82	0.97	0.80	0.09	-1.36	-3.41	-5.23	-5.86	-6.00	-4.07	-7.90	-9.80	-12.3	-14.9	-10.6	4.97	-4.96	-4.97	-9.70	-9.57	-9.53	-12.62	-13.95	-13.98	-14.46	-15.39	-16.79	-20.58
90	4.07	3.63	3.51	3.59	3.45	2.92	1.20	0.83	-0.21	-0.40	-0.94	0.23	0.15	-0.40	-1.77	-3.62	-4.44	-4.36	-4.69	-5.93	-7.57	-9.31	-12.05	-10.62	-10.70	-11.20	-9.33	-4.91	-4.80	-4.40	-11.74	-15.19	-15.13	-15.74	-15.46	-16.79	-20.58	
95	4.07	3.68	3.57	3.65	3.51	3.34	2.25	1.13	-0.15	-1.00	-0.94	0.73	0.73	-1.30	-4.45	-5.65	-5.60	-5.44	-6.83	-8.73	-10.45	-12.33	-14.17	-16.02	-14.17	-14.57	-11.20	-11.03	-9.80	-4.40	-4.47	-11.74	-15.19	-15.13	-15.74	-15.46	-16.79	-20.58
100	4.07	3.70	3.59	3.70	3.56	3.39	2.36	1.21	-0.10	-1.00	-0.94	0.73	0.73	-1.30	-4.45	-5.65	-5.60	-5.44	-6.83	-8.73	-10.45	-12.33	-14.17	-16.02	-14.17	-14.57	-11.20	-11.03	-9.80	-4.40	-4.47	-11.74	-15.19	-15.13	-15.74	-15.46	-16.79	-20.58
105	4.07	3.74	3.69	3.77	3.69	3.39	2.89	2.04	-0.69	-1.05	-0.88	-1.48	-1.69	-4.10	-5.91	-6.76	-6.52	-6.87	-6.85	-6.41	-7.56	-9.26	-10.21	-12.30	-9.94	-10.55	-13.81	-13.88	-10.88	-4.81	-4.48	-13.44	-14.44	-14.23	-13.98	-16.08	-20.58	
110	4.07	3.77	3.74	3.83	3.76	3.56	3.18	2.48	-1.27	-0.55	-0.86	-0.47	-0.68	-4.47	-6.44	-6.47	-6.56	-6.82	-6.43	-6.40	-6.71	-8.31	-10.62	-11.83	-12.99	-11.82	-10.57	-11.76	-12.82	-11.44	-12.07	-14.88	-14.76	-12.91	-13.31	-16.40	-20.58	
115	4.07	3.81	3.78	3.87	3.84	3.88	3.39	2.80	-1.76	-0.10	-0.30	-1.00	-1.08	-7.90	-7.75	-6.74	-6.13	-6.56	-7.12	-6.83	-6.46	-7.89	-10.88	-13.46	-13.08	-14.48	-16.56	-16.38	-14.48	-12.88	-14.44	-17.28	-15.00	-13.06	-13.14	-16.78	-20.58	
120	4.07	3.84	3.84	3.84	3.84	3.84	3.84	3.84	-2.30	-0.70	-0.70	-0.70	-0.70	-7.90	-7.90	-7.90	-7.90	-7.90	-7.90	-7.90	-7.90	-7.90	-7.90	-7.90	-7.90	-7.90	-7.90	-7.90	-7.90	-7.90	-7.90	-7.90	-7.90	-7.90	-7.90	-7.90	-20.58	
125	4.07	3.87	3.85	3.89	3.81	3.82	3.33	2.84	-2.11	-0.70	-0.36	-0.28	-0.40	-5.34	-6.75	-6.61	-6.56	-6.54	-7.86	-8.65	-8.54	-8.89	-12.22	-16.25	-12.07	-17.93	-15.01	-13.53	-13.12	-14.28	-19.84	-15.65	-16.57	-15.94	-14.85	-17.72	-20.58	
130	4.07	3.90	3.90	3.90	3.88	3.76	3.39	2.91	-2.45	-1.81	-1.06	-0.07	-1.24	-2.65	-3.72	-4.33	-4.73	-4.54	-6.08	-6.02	-6.48	-10.74	-12.53	-15.42	-10.30	-19.87	-14.62	-12.59	-12.37	-13.31	-18.88	-15.53	-16.47	-15.30	-14.29	-20.58		
135	4.07	3.93	3.89	3.80	3.52	3.84	2.94	2.44	-1.70	-1.15	-0.56	-0.11	-0.90	-2.27	-3.30	-3.96	-4.44	-5.20	-4.45	-6.22	-6.42	-6.98	-10.40	-11.78	-14.12	-17.52	-16.00	-14.42	-12.51	-12.07	-13.30	-17.79	-16.38	-18.74	-15.99	-16.86	-20.58	
140	4.07	3.97	3.98	3.89	3.59	3.86	2.97	2.45	-1.70	-1.15	-0.56	-0.11	-0.90	-2.27	-3.30	-3.96	-4.44	-5.20	-4.45	-6.22	-6.42	-6.98	-10.40	-11.78	-14.12	-17.52	-16.00	-14.42	-12.51	-12.07	-13.30	-17.79	-16.38	-18.74	-15.99	-16.86	-20.58	
145	4.07	3.97	3.98	3.89	3.59	3.86	2.97	2.45	-1.70	-1.15	-0.56	-0.11	-0.90	-2.27	-3.30	-3.96	-4.44	-5.20	-4.45	-6.22	-6.42	-6.98	-10.40	-11.78	-14.12	-17.52	-16.00	-14.42	-12.51	-12.07	-13.30	-17.79	-16.38	-18.74	-15.99	-16.86	-20.58	
150	4.07	3.99	3.99	3.84	3.52	3.88	2.83	1.83	-0.41	-0.60	-1.26	-0.82	-1.53	-3.58	-4.77	-5.06	-4.86	-5.62	-6.26	-6.08	-6.40	-10.40	-12.21	-12.77	-12.77	-13.16	-12.21	-14.50	-11.47	-12.23	-14.07	-16.24	-17.39	-20.31	-21.41	-20.58		
155	4.07	4.01	3.95	3.45	2.62	4.10	0.25	0.51	-0.91	-1.35	-2.00	-1.00	-4.24	-5.41	-6.61	-7.89	-8.07	-8.09	-10.88	-11.81	-13.18	-13.67	-12.07	-10.82	-9.96	-11.40	-10.88	-10.24	-20.74	-12.00	-17.89	-18.49	-23.07	-23.14	-22.12	-22.42	-20.58	
160	4.07	4.02	3.93	3.35	2.47	4.36	0.48	0.14	-0.91	-1.45	-2.05	-1.02	-3.93	-5.08	-6.28	-7.45	-8.43	-8.07	-10.53	-11.42	-13.00	-13.05	-10.47	-10.32	-10.56	-10.88	-10.81	-17.53	-16.54	-17.32	-18.21	-20.88	-24.19	-24.03	-23.46	-20.58		
165	4.07	4.04	3.93	3.35	2.47	4.36	0.48	0.14	-0.91	-1.45	-2.05	-1.02	-3.93	-5.08	-6.28	-7.45	-8.43	-8.07	-10.53	-11.42	-13.00																	

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

Time	Phase	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				
0	-0.51	0.31	-0.21	0.51	-0.11	-0.41	0.61	0.31	0.51	0.51	0.12	0.54	-0.41	-0.21	-0.41	-0.41	-0.51	0.61	0.41	0.21	0.21	-0.41	-0.31	0.41	-0.41	-0.11	-0.12	-0.55	0.34	-0.31	0.41	-0.21	-0.11	-0.11	-0.11	-0.11	-0.11	-0.11	-0.11			
5	-0.51	0.31	-0.27	0.37	-0.51	-0.46	-0.38	-0.02	0.38	0.55	0.56	0.23	-0.38	-0.22	-0.20	-0.23	-0.40	-0.24	-0.46	0.76	-0.40	-0.24	-0.20	-0.11	-0.43	-0.12	-0.12	-0.77	-0.42	-0.02	-0.21	-0.42	-0.21	-0.42	-0.21	-0.42	-0.21	-0.42	-0.21	-0.42		
10	-0.51	0.28	-0.15	-0.20	-0.35	-0.39	-0.30	-0.04	0.28	0.53	0.55	0.30	-0.18	-0.07	-0.16	-0.27	-0.28	-0.47	-0.28	0.45	0.31	-0.92	-0.18	-0.17	-0.16	-0.16	-0.15	-0.16	-0.13	-0.40	-0.73	-0.40	-0.73	-0.40	-0.73	-0.40	-0.73	-0.40	-0.73	-0.40		
15	-0.51	0.22	-0.03	-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	-0.41	-0.41	-0.41	-0.41	-0.41	-0.41	-0.41	-0.41	-0.41	-0.41	-0.41		
20	-0.51	0.17	0.00	-0.18	0.11	0.13	0.01	0.00	-0.11	-0.04	0.05	0.00	0.03	0.14	-0.34	-0.07	-0.57	-0.28	-0.65	-0.30	-0.64	-0.60	-0.55	-0.43	-0.38	-0.28	-0.18	-0.08	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	
25	-0.51	0.12	0.20	0.36	0.35	0.22	0.04	-0.12	-0.20	-0.30	-0.33	-0.39	-0.40	-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	-0.41	-0.41	
30	-0.51	0.08	0.31	0.51	0.51	0.42	0.18	-0.09	-0.34	-0.52	-0.43	-0.40	-0.23	-0.27	-0.37	-0.43	-0.49	-0.56	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	
35	-0.51	0.03	0.41	0.67	0.73	0.60	0.33	0.00	-0.30	-0.55	-0.71	-0.82	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91	-0.91
40	-0.51	0.00	0.41	0.73	0.86	0.73	0.46	0.11	-0.04	-0.28	-0.46	-0.57	-0.67	-0.77	-0.87	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97
45	-0.51	0.04	0.56	0.86	0.96	0.82	0.55	0.20	0.11	-0.05	-0.04	-0.00	-0.12	-0.30	-0.37	-0.43	-0.49	-0.56	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61	-0.61
50	-0.51	0.06	0.61	0.94	1.00	0.82	0.40	0.36	0.46	0.60	0.60	0.37	-0.07	-0.40	-0.46	-0.52	-0.56	-0.60	-0.64	-0.67	-0.69	-0.70	-0.71	-0.72	-0.73	-0.74	-0.75	-0.76	-0.77	-0.78	-0.79	-0.80	-0.81	-0.82	-0.83	-0.84	-0.85	-0.86	-0.87	-0.88	-0.89	-0.90
55	-0.51	0.09	0.65	0.97	1.00	0.82	0.49	0.47	0.56	0.67	0.67	0.40	0.10	0.25	0.28	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40	0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.50	0.51	0.52	0.53	0.54	0.55	0.56
60	-0.51	0.10	0.66	0.98	1.01	0.84	0.51	0.49	0.57	0.68	0.68	0.41	0.11	0.26	0.29	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40	0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.50	0.51	0.52	0.53	0.54	0.55	0.56	0.57
65	-0.51	0.11	0.67	0.94	1.00	0.86	0.38	0.38	0.46	0.56	0.56	0.47	0.10	0.26	0.29	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40	0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.50	0.51	0.52	0.53	0.54	0.55	0.56	0.57
70	-0.51	0.11	0.66	0.89	0.77	0.46	0.20	0.25	0.59	0.83	0.83	0.59	0.13	0.39	0.57	0.75	0.91	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
75	-0.51	0.11	0.64	0.82	0.63	0.25	-0.01	0.00	0.44	0.90	1.21	1.20	0.68	0.22	-0.16	-0.36	-0.50	-0.67	-0.80	-0.77	-0.78	-0.78	-0.78	-0.78	-0.78	-0.78	-0.78	-0.78	-0.78	-0.78	-0.78	-0.78	-0.78	-0.78	-0.78	-0.78	-0.78	-0.78	-0.78	-0.78	-0.78	
80	-0.51	0.09	0.60	0.75	0.46	0.05	-0.21	-0.08	0.31	0.74	0.99	0.85	0.58	0.01	-0.57	-0.86	-1.11	-1.17	-1.28	-1.40	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	-1.48	
85	-0.51	0.04	0.35	0.40	0.14	-0.14	-0.28	-0.35	0.04	0.44	0.64	0.54	0.34	-0.04	-0.54	-0.84	-1.04	-1.14	-1.24	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34	-1.34
90	-0.51	0.05	0.50	0.54	0.19	-0.30	-0.55	-0.38	0.08	0.47	0.60	0.36	-0.23	-0.40	-0.62	-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	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	-0.72	
95	-0.51	0.03	0.44	0.44	0.04	-0.40	-0.42	-0.63	-0.42	0.01	0.35	0.42	0.13	-0.40	-0.22	-0.13	-0.14	-0.24	-0.26	-0.28	-0.34	-0.41	-0.43	-0.43	-0.43	-0.43	-0.43	-0.43	-0.43	-0.43	-0.43	-0.43	-0.43	-0.43	-0.43	-0.43	-0.43	-0.43	-0.43	-0.43	-0.43	-0.43
100	-0.51	0.01	0.37	0.34	0.04	-0.40	-0.44	-0.64	-0.44	-0.04	0.25	0.25	-0.05	-0.40	-0.27	-0.16	-0.18	-0.26	-0.27	-0.34	-0.43	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46	-0.46
105	-0.51	0.00	0.22	0.14	-0.44	-0.44	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64	-0.64
110	-0.51	0.01	0.15	0.11	-0.10	-0.30	-0.30	-0.40	-0.15	0.15	0.15	-0.10	-0.60	-0.70	-0.81	-0.90	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
115	-0.51	0.10	0.07	0.05	-0.14	-0.24	-0.11	0.13	0.29	0.46	0.29	0.08	-0.60	-0.76	-0.85	-0.93	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
120	-0.51	0.21	0.01	0.01	-0.30	-0.40	-0.40	-0.30	0.01	0.30	0.46	0.29	0.08	-0.60	-0.76	-0.85	-0.93	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
125	-0.51	0.23	-0.09	-0.06	-0.40	-0.40	-0.30	0.02	0.27	0.54	0.60	0.29	-0.23	-0.40	-0.50	-0.56	-0.60	-0.64	-0.68	-0.72	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76
130	-0.51	0.24	-0.10	-0.12	-0.30	-0.31	0.41	0.72	0.88	0.83	0.57	0.13	-0.42	-0.69	-0.84	-0.94	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
135	-0.51	0.26	-0.17	-0.04	-0.21	0.55	0.86	1.04	1.03	0.86	0.51	0.05	-0.40	-0.67	-0.87	-0.97	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
140	-0.51	0.26	-0.25	-0.24	0.04	0.27	0.63	0.94	1.13	1.17	1.00	0.04	0.05	0.07	0.37	0.75	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
145	-0.51	0.27	-0.26	-0.25	0.04	0.27	0.63	0.94	1.13	1.17	1.00	0.04	0.05	0.07	0.37	0.75	0.97	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
150	-0.51	0.27	-0.54	-0.30	-0.10	0.20	0.67	0.96	1.13	1.21	1.21	1.16	0.82	0.58	0.32	0.05	-0.26	-0.64	-1.12	-1.46	-1.81	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00	-2.00
155	-0.51	0.63	-0.46	-0.46	-0.10	0.25	0.84	0.92	1.00	1.15	1.16	1.10	0.80	0.00	0.50	0.32	0.0																									

[illegible]

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		
Ph(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	-1.20	-2.44	-3.81	-4.71	-5.34	-5.08	-3.84	-3.54	-4.31	-4.54	-5.42	-6.01	-6.07	0.79	1.20	1.31	1.07	0.51	-0.39	-1.19	-1.58	-2.15	-2.83	-3.33	-3.73	-4.03	-4.19	-4.25	-4.19	-4.13	-4.25	-4.19	-4.13	-4.25	-4.19	-4.13	-4.25	-4.19	-4.13	-4.25
5	-1.20	-2.56	-4.00	-4.90	-5.61	-5.01	-4.01	-3.54	-4.61	-5.02	-5.85	-6.08	-6.04	0.84	1.15	1.47	1.53	1.13	0.20	-0.91	-1.64	-2.34	-3.03	-3.71	-4.11	-4.36	-4.54	-4.63	-4.58	-4.54	-4.63	-4.58	-4.54	-4.63	-4.58	-4.54	-4.63	-4.58	-4.54	
10	-1.20	-2.68	-4.20	-5.10	-5.81	-5.01	-3.81	-3.24	-4.51	-5.02	-5.85	-6.08	-6.04	0.89	1.10	1.41	1.47	1.06	-0.87	-1.64	-2.34	-3.03	-3.71	-4.11	-4.36	-4.54	-4.63	-4.58	-4.54	-4.63	-4.58	-4.54	-4.63	-4.58	-4.54	-4.63	-4.58	-4.54	-4.63	-4.58
15	-1.20	-2.84	-4.38	-5.14	-5.84	-4.77	-4.12	-3.88	-5.00	-5.47	-6.00	-6.20	-6.14	0.19	0.64	0.91	0.90	0.99	0.33	-1.08	-2.84	-3.44	-4.78	-5.79	-6.37	-6.70	-6.77	-6.60	-6.40	-6.11	-6.19	-6.28	-6.16	-6.15	-6.27	-6.10	-6.22	-6.07	-6.20	-6.03
20	-1.20	-3.00	-4.43	-5.05	-5.46	-4.67	-4.15	-4.02	-4.46	-5.30	-6.06	-6.42	-6.14	0.42	0.14	0.18	0.40	0.58	0.03	-1.18	-3.73	-4.29	-5.96	-6.67	-6.83	-6.67	-6.43	-6.18	-6.10	-6.18	-6.28	-6.21	-6.13	-6.22	-6.04	-6.20	-6.00	-6.20	-5.98	
25	-1.20	-3.16	-4.46	-4.81	-4.85	-4.01	-5.13	-5.42	-5.00	-5.27	0.30	0.76	0.53	0.14	0.02	0.23	0.36	0.01	-0.89	-3.98	-4.07	-5.23	-6.46	-6.15	-6.33	-6.15	-5.88	-6.11	-6.02	-6.13	-6.27	-6.14	-6.28	-6.19	-6.23	-6.14	-6.22	-6.14	-6.03	
30	-1.20	-3.34	-4.56	-4.71	-4.67	-3.81	-5.46	-5.41	-4.86	-5.24	0.55	0.91	0.51	0.01	-0.40	0.24	0.55	0.19	-0.61	-4.26	-4.35	-5.48	-6.69	-6.30	-6.48	-6.30	-6.03	-6.26	-6.17	-6.28	-6.42	-6.30	-6.46	-6.37	-6.40	-6.31	-6.37	-6.28	-6.35	
35	-1.20	-3.50	-4.56	-4.34	-3.84	-2.53	-5.66	-5.66	-5.01	-5.74	-6.69	-6.42	-6.29	-0.32	-0.24	-0.65	-1.08	0.28	0.12	-3.56	-5.69	-5.97	-6.81	-7.66	-6.40	-6.44	-6.16	-6.12	-6.13	-6.26	-6.44	-6.38	-6.48	-6.36	-6.42	-6.35	-6.42	-6.35	-6.42	
40	-1.20	-3.60	-4.56	-3.98	-2.82	-1.84	-6.99	-6.97	-6.12	-7.13	-8.42	-8.16	-8.22	-0.81	0.00	0.34	0.33	0.01	-0.46	-3.81	-6.01	-6.05	-7.26	-8.07	-7.26	-6.47	-6.38	-6.04	-6.24	-6.34	-6.55	-6.34	-6.48	-6.14	-6.24	-6.19	-6.24	-6.19		
45	-1.20	-3.68	-4.14	-3.68	-2.28	-0.95	-8.20	-8.19	-8.72	-10.46	-12.23	-12.59	-12.51	-1.07	-0.08	0.38	0.22	-0.33	-0.93	-3.82	-6.44	-6.01	-7.40	-8.07	-7.26	-6.47	-6.38	-6.04	-6.24	-6.34	-6.55	-6.34	-6.48	-6.14	-6.24	-6.19	-6.24	-6.19		
50	-1.20	-3.76	-3.96	-3.36	-1.84	-0.56	-9.49	-9.47	-10.41	-12.81	-15.01	-15.26	-15.01	-1.36	-0.30	-0.46	-0.16	-0.36	-1.36	-3.89	-6.80	-6.26	-7.59	-8.26	-7.45	-6.66	-6.57	-6.23	-6.43	-6.53	-6.74	-6.53	-6.67	-6.33	-6.43	-6.38	-6.43	-6.38		
55	-1.20	-3.84	-4.06	-3.46	-1.94	-0.86	-10.74	-10.72	-11.41	-13.81	-16.01	-16.26	-16.01	-1.64	-0.58	-0.72	-0.28	-0.58	-1.58	-4.08	-7.00	-6.36	-7.69	-8.36	-7.55	-6.76	-6.67	-6.33	-6.53	-6.63	-6.84	-6.63	-6.77	-6.43	-6.53	-6.48	-6.53	-6.48		
60	-1.20	-3.92	-4.14	-3.54	-2.02	-1.14	-11.99	-11.97	-12.41	-14.81	-17.01	-17.26	-17.01	-1.92	-0.80	-0.96	-0.38	-0.80	-1.76	-4.28	-7.18	-6.54	-7.87	-8.54	-7.73	-6.94	-6.85	-6.51	-6.71	-6.81	-7.02	-6.81	-6.95	-6.61	-6.71	-6.66	-6.71	-6.66		
65	-1.20	-4.00	-4.22	-3.62	-2.10	-1.44	-13.17	-13.15	-13.41	-15.81	-18.01	-18.26	-18.01	-2.20	-0.90	-1.06	-0.46	-0.90	-1.96	-4.48	-7.36	-6.72	-8.05	-8.72	-7.91	-7.12	-7.03	-6.69	-6.89	-6.99	-7.20	-7.03	-7.17	-6.83	-6.93	-6.88	-6.93	-6.88		
70	-1.20	-4.08	-4.30	-3.70	-2.18	-1.64	-14.35	-14.33	-14.41	-16.81	-19.01	-19.26	-19.01	-2.48	-1.00	-1.16	-0.56	-1.00	-2.16	-4.68	-7.54	-6.90	-8.23	-8.90	-8.09	-7.30	-7.21	-6.87	-7.07	-7.17	-7.38	-7.21	-7.35	-7.01	-7.11	-7.06	-7.11	-7.06		
75	-1.20	-4.16	-4.38	-3.78	-2.26	-1.84	-15.53	-15.51	-15.41	-17.91	-20.11	-20.36	-20.11	-2.76	-1.10	-1.26	-0.66	-1.10	-2.36	-4.88	-7.72	-7.08	-8.41	-9.08	-8.27	-7.48	-7.39	-7.05	-7.25	-7.35	-7.56	-7.39	-7.53	-7.19	-7.29	-7.24	-7.29	-7.24		
80	-1.20	-4.24	-4.46	-3.86	-2.34	-2.04	-16.71	-16.69	-16.51	-19.21	-21.41	-21.66	-21.41	-3.04	-1.20	-1.36	-0.76	-1.20	-2.56	-5.08	-7.90	-7.26	-8.59	-9.26	-8.45	-7.66	-7.57	-7.23	-7.43	-7.53	-7.74	-7.57	-7.71	-7.37	-7.47	-7.42	-7.47	-7.42		
85	-1.20	-4.32	-4.54	-3.94	-2.42	-2.24	-17.89	-17.87	-17.61	-20.41	-22.61	-22.86	-22.61	-3.32	-1.30	-1.46	-0.86	-1.30	-2.76	-5.28	-8.08	-7.44	-8.77	-9.44	-8.63	-7.84	-7.75	-7.41	-7.61	-7.71	-7.92	-7.75	-7.89	-7.55	-7.65	-7.60	-7.65	-7.60		
90	-1.20	-4.40	-4.62	-4.02	-2.50	-2.44	-19.07	-19.05	-18.71	-21.81	-24.01	-24.26	-24.01	-3.60	-1.40	-1.56	-0.96	-1.40	-2.96	-5.48	-8.26	-7.62	-8.95	-9.62	-8.81	-8.02	-7.93	-7.59	-7.79	-7.89	-8.10	-7.93	-8.07	-7.73	-7.83	-7.78	-7.83	-7.78		
95	-1.20	-4.48	-4.70	-4.10	-2.58	-2.58	-20.25	-20.23	-19.81	-23.01	-25.21	-25.46	-25.21	-3.88	-1.50	-1.66	-1.06	-1.50	-3.16	-5.68	-8.44	-7.80	-9.13	-9.80	-9.01	-8.22	-8.13	-7.79	-7.99	-8.09	-8.30	-8.13	-8.27	-7.93	-8.03	-7.98	-8.03	-7.98		
100	-1.20	-4.56	-4.78	-4.18	-2.62	-2.62	-21.43	-21.41	-20.91	-24.21	-26.41	-26.66	-26.41	-4.16	-1.60	-1.76	-1.16	-1.60	-3.36	-5.88	-8.62	-7.98	-9.31	-10.00	-9.21	-8.42	-8.33	-7.99	-8.19	-8.29	-8.50	-8.33	-8.47	-8.13	-8.23	-8.18	-8.23	-8.18		
105	-1.20	-4.64	-4.86	-4.26	-2.66	-2.66	-22.61	-22.59	-22.01	-25.41	-27.61	-27.86	-27.61	-4.44	-1.70	-1.86	-1.26	-1.70	-3.56	-6.08	-8.80	-8.16	-9.49	-10.18	-9.39	-8.60	-8.51	-8.17	-8.37	-8.47	-8.68	-8.51	-8.65	-8.31	-8.41	-8.36	-8.41	-8.36		
110	-1.20	-4.72	-4.94	-4.34	-2.70	-2.70	-23.79	-23.77	-23.11	-26.61	-28.81	-29.06	-28.81	-4.72	-1.80	-1.96	-1.30	-1.80	-3.76	-6.28	-9.00	-8.36	-9.69	-10.38	-9.59	-8.80	-8.71	-8.37	-8.57	-8.67	-8.88	-8.71	-8.85	-8.51	-8.61	-8.56	-8.61	-8.56		
115	-1.20	-4.80	-5.02	-4.42	-2.74	-2.74	-24.97	-24.95	-24.21	-27.81	-30.01	-30.26	-30.01	-5.00	-1.90	-2.06	-1.34	-1.90	-3.96	-6.48	-9.18	-8.54	-9.87	-10.56	-9.77	-8.98	-8.89	-8.55	-8.75	-8.85	-9.06	-8.89	-9.03	-8.69	-8.79	-8.74	-8.79	-8.74		
120	-1.20	-4.88	-5.10	-4.50	-2.78	-2.78	-26.15	-26.13	-25.31	-28.91	-31.11	-31.36	-31.11	-5.28	-2.00	-2.16	-1.38	-2.00	-4.16	-6.68	-9.36	-8.72	-10.05	-10.74	-9.95	-9.16	-9.07	-8.73	-8.93	-9.03	-9.24	-9.07	-9.21	-8.87	-8.97	-8.92	-8.97	-8.92		
125	-1.20	-4.96	-5.18	-4.58	-2.82	-2.82	-27.33	-27.31	-26.41	-30.01	-32.21	-32.46	-32.21	-5.56	-2.10	-2.26	-1.42	-2.10	-4.36	-6.88	-9.54	-8.90	-10.23	-10.92	-10.13	-9.34	-9.25	-8.91	-9.11	-9.21	-9.42	-9.25	-9.39	-9.05	-9.15	-9.10	-9.15	-9.10		
130	-1.20	-5.04	-5.26	-4.66	-2.86	-2.86	-28.51	-28.49	-27.51	-31.11	-33.31	-33.56	-33.31	-5.84	-2.20	-2.36	-1.46	-2.20	-4.56	-7.08	-9.72	-9.08	-10.41	-11.10	-10.31	-9.52	-9.43	-9.09	-9.29	-9.39	-9.60	-9.43	-9.57	-9.23	-9.33	-9.28	-9.33	-9.28		
135	-1.20	-5.12	-5.34	-4.74	-2.90	-2.90	-29.69	-29.67	-28.61	-32.21	-34.41	-34.66	-34.41	-6.12	-2.30	-2.46	-1.50	-2.30	-4.76	-7.28	-9.90	-9.26	-10.59	-11.28	-10.49	-9.70	-9.61	-9.27	-9.47	-9.57	-9.78	-9.61	-9.75	-9.41	-9.51	-9.46	-9.51	-9.46		
140	-1.20	-5.20	-5.42	-4.82	-2.94	-2.94	-30.87	-30.85	-29.71	-33.31	-35.51	-35.76	-35.51	-6.40	-2.40	-2.56	-1.54	-2.40	-4.96	-7.48	-10.08	-9.44	-10.77	-11.46	-10.67	-9.88	-9.79	-9.45	-9.65	-9.75	-9.96	-9.79	-9.93	-9.59	-9.69	-9.64	-9.69	-9.64		
145	-1.20	-5.28	-5.50	-4.90	-2.98	-2.98	-32.05	-32.03	-30.81	-34.41	-36.61	-36.86	-36.61	-6.68	-2.50	-2.66	-1.58	-2.50	-5.16	-7.68	-10.26	-9.62	-10.91	-11.60	-10.81	-10.02	-9.93	-9.59	-9.79	-9.89	-10.10	-9.93	-10.07	-9.73	-9.83	-9.78	-9.83	-9.78		
150	-1.20	-5.36	-5.58	-4.98	-3.02	-3.02	-33.23	-33.21	-31.91	-35.51	-37.71	-37.96	-37.71	-6.96	-2.60	-2.76	-1.62	-2.60	-5.36	-7.88	-10.44	-9.80	-11.09	-11.78	-10.99	-10.20	-10.11	-9.77	-9.97	-10.07	-10.28	-10.11	-10.25	-9.91	-10.01	-9.96	-10.01	-9.96		
155	-1.20	-5.44	-5.66	-5.06	-3.06	-3.06	-34.41	-34.39	-33.01	-36.61	-38.81	-39.06	-38.81	-7.24	-2.70	-2.86	-1.64	-2.70	-5.56	-8.08	-10.62	-10.00	-11.27	-11.96	-11.17	-10.38	-10.29	-9.95	-10.15	-10.25	-10.46	-10.29	-10.43	-10.09	-10.19	-10.14	-10.19	-10.14		
160	-1.20	-5.52	-5.74	-5.14	-3.10	-3.10	-35.59																																	

5150 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)	(E)
0	2.0	1.24	-0.02	-1.13	-1.82	-1.50	0.54	-0.13	-0.70	-1.53	-0.59	-3.23	-3.22	-1.60	-0.08	-0.18	-0.45	-5.01	-7.23	-4.78	-5.02	-4.37	-7.58	-4.51	-6.41	-7.44	-33.58	-16.81	-12.31	-12.35	-14.00	-14.09	-14.72	-13.82	-14.45	-15.08	-15.50	
5	2.20	1.30	0.13	-0.95	-1.74	-1.62	0.81	-0.42	-0.84	-1.70	-3.21	-3.24	-2.41	-3.12	-3.44	-2.58	-5.96	-7.19	-3.28	-6.05	-4.08	-5.08	-9.63	-7.08	-6.57	-7.34	-31.64	-14.15	-11.53	-12.61	-12.66	-14.18	-15.39	-13.93	-14.38	-15.62	-15.50	
10	2.36	1.27	0.25	-0.75	-1.61	-1.58	0.91	-0.35	-0.85	-1.61	-3.18	-3.20	-2.41	-3.09	-3.41	-2.57	-5.93	-6.97	-3.01	-6.14	-4.01	-5.14	-9.58	-6.95	-6.41	-7.24	-31.58	-14.01	-11.42	-12.57	-12.57	-14.09	-15.36	-14.25	-14.38	-15.62	-15.50	
15	2.50	1.27	0.41	-0.51	-1.46	-1.51	0.95	-0.89	-1.04	-2.51	-3.04	-2.75	-0.85	-1.17	-2.14	-3.04	-3.35	-4.35	-4.31	-3.33	-4.22	-3.35	-10.06	-6.96	-6.95	-10.05	-31.64	-14.01	-11.41	-12.56	-12.56	-14.09	-15.36	-14.25	-14.38	-15.62	-15.50	
20	2.58	1.56	0.73	-0.11	-0.96	-1.36	1.15	-0.00	-1.12	-1.14	-0.82	-0.65	-0.47	-1.31	-2.23	-2.92	-3.13	-3.60	-5.22	-7.28	-7.14	-7.93	-6.77	-6.36	-10.29	-10.39	-6.51	-6.57	-11.68	-11.05	-11.22	-10.52	-11.42	-13.00	-12.52	-13.00	-15.50	
25	2.58	1.66	0.86	0.25	-0.52	-0.99	-0.97	-0.86	-1.14	-1.20	-1.03	-0.91	-1.18	-1.82	-2.82	-3.21	-3.30	-3.24	-4.78	-4.93	-4.17	-5.62	-6.81	-6.82	-9.85	-10.49	-7.37	-7.54	-7.93	-11.44	-10.83	-11.38	-14.69	-13.21	-13.05	-15.29	-15.50	
30	2.58	1.76	1.20	0.64	-0.02	-0.49	-0.68	-0.73	-1.03	-1.21	-1.14	-1.11	-1.41	-2.02	-3.28	-2.59	-1.82	-2.11	-3.78	-4.68	-4.02	-5.34	-6.24	-10.86	-11.05	-7.54	-7.12	-9.86	-10.77	-11.74	-12.62	-10.96	-11.47	-13.74	-13.47	-15.20	-15.50	
35	2.58	1.86	1.45	0.89	0.17	-0.26	-0.28	-0.94	-0.74	-1.09	-1.06	-0.88	-1.08	-1.84	-2.51	-1.76	-0.97	-1.07	-4.85	-5.17	-4.85	-6.17	-7.07	-12.88	-11.05	-10.81	-10.77	-11.74	-12.62	-11.05	-11.59	-12.94	-12.51	-13.28	-14.77	-15.50		
40	2.58	1.96	1.68	1.42	1.06	0.00	0.66	0.35	-0.24	-0.76	-0.64	-0.23	0.18	-0.58	-1.16	1.83	2.11	1.35	-3.95	-3.56	-3.14	-2.54	-1.93	-10.08	-15.82	-11.03	-10.88	-7.54	-7.17	-9.49	-11.78	-14.72	-13.84	-13.21	-15.02	-15.50		
45	2.58	2.06	1.82	1.79	1.59	1.40	1.12	0.84	-0.15	-0.80	0.53	1.23	1.87	2.52	3.12	3.26	3.22	3.27	-3.78	-3.07	-3.05	-3.11	-4.71	-6.84	-9.85	-9.25	-7.28	-6.80	-4.05	-13.76	-17.00	-15.07	-13.15	-13.14	-14.88	-15.50		
50	2.58	2.16	2.13	2.13	2.16	2.06	2.11	2.19	1.94	1.24	0.54	0.51	1.15	1.93	2.59	3.18	3.68	3.68	-4.56	-4.70	-3.86	-3.54	-4.78	-6.35	-6.62	-7.08	-6.42	-5.97	-4.05	-12.02	-17.80	-15.53	-13.31	-13.08	-14.88	-15.50		
55	2.58	2.26	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	-4.78	-4.78	-4.78	-4.78	-4.78	-4.78	-4.78	-4.78	-4.78	-4.78	-4.78	-4.78	-4.78	-4.78	-4.78	-4.78	-4.78	-4.78		
60	2.58	2.35	2.51	2.68	2.78	3.04	3.35	3.32	3.20	2.80	2.71	1.89	2.38	2.50	2.59	2.64	2.37	1.87	-2.08	-1.13	-1.14	-1.42	-1.45	-1.45	-1.45	-1.45	-1.45	-1.45	-1.45	-1.45	-1.45	-1.45	-1.45	-1.45	-1.45	-1.45	-1.45	
65	2.58	2.44	2.67	2.88	3.02	3.28	3.65	3.72	3.36	2.78	2.27	2.27	2.03	1.68	1.22	0.75	-0.58	-1.58	-4.58	-4.01	-4.58	-4.58	-4.58	-4.58	-4.58	-4.58	-4.58	-4.58	-4.58	-4.58	-4.58	-4.58	-4.58	-4.58	-4.58	-4.58	-4.58	-4.58
70	2.58	2.52	2.81	3.05	3.15	3.38	3.74	3.88	3.67	3.29	2.98	2.73	2.38	1.85	0.56	-0.47	-1.25	-2.47	-5.07	-3.74	-5.02	-5.35	-6.08	-6.17	-6.17	-6.17	-6.17	-6.17	-6.17	-6.17	-6.17	-6.17	-6.17	-6.17	-6.17	-6.17	-6.17	-6.17
75	2.58	2.59	2.93	3.16	3.21	3.33	3.53	3.79	3.71	3.55	3.35	3.16	2.84	1.88	0.01	-1.72	-2.97	-3.86	-5.88	-3.86	-7.28	-4.94	-10.53	-10.18	-11.11	-11.05	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
80	2.58	2.64	3.03	3.24	3.19	3.17	3.35	3.59	3.34	3.52	3.54	3.39	3.52	3.54	3.39	2.86	1.84	0.23	-1.76	-3.39	-4.47	-5.20	-7.46	-12.12	-12.12	-12.12	-12.12	-12.12	-12.12	-12.12	-12.12	-12.12	-12.12	-12.12	-12.12	-12.12	-12.12	-12.12
85	2.58	2.72	3.11	3.29	3.14	2.94	2.96	3.04	3.10	3.25	3.37	3.31	2.82	2.08	0.81	-0.79	-2.30	-3.24	-5.07	-6.11	-6.92	-8.46	-12.40	-14.15	-10.38	-12.31	-10.14	-10.04	-9.25	-9.94	-10.04	-10.25	-14.28	-14.30	-14.97	-13.07	-14.78	-15.50
90	2.58	2.78	3.17	3.31	3.05	2.88	2.55	2.66	2.64	2.84	2.94	2.86	2.58	2.05	1.21	0.13	-1.08	-2.12	-2.81	-3.64	-4.16	-5.55	-11.72	-13.57	-9.71	-10.27	-9.02	-8.68	-8.03	-11.26	-12.94	-13.30	-12.64	-13.03	-14.88	-15.50	-15.50	
95	2.58	2.83	3.22	3.31	2.97	2.66	2.20	2.15	2.23	2.37	2.35	2.14	1.89	1.57	1.06	0.37	-0.54	-1.63	-2.53	-3.19	-4.13	-6.38	-10.88	-14.38	-9.86	-10.40	-9.68	-8.97	-10.12	-10.03	-10.76	-11.98	-12.44	-13.24	-13.16	-14.88	-15.50	
100	2.58	2.97	3.26	3.31	2.89	2.47	1.92	1.85	1.91	1.98	1.76	1.51	1.30	0.97	0.54	-0.31	-1.06	-2.34	-3.79	-4.02	-4.05	-10.37	-15.07	-10.74	-10.42	-9.84	-10.36	-10.03	-10.47	-10.03	-11.38	-12.18	-12.72	-13.14	-14.00	-15.50		
105	2.58	2.91	3.29	3.30	2.87	2.12	1.72	1.63	1.64	1.68	1.74	1.59	1.31	0.81	0.53	-1.05	-2.25	-3.82	-4.07	-4.22	-4.24	-9.38	-13.85	-15.07	-10.27	-9.86	-10.38	-10.05	-11.51	-12.12	-11.04	-11.51	-12.38	-12.70	-13.43	-14.53	-15.50	
110	2.58	2.94	3.31	3.28	2.76	2.00	1.54	1.38	1.32	1.19	0.72	-0.18	-0.90	-1.93	-3.28	-4.54	-5.68	-6.48	-7.92	-7.18	-4.48	-7.60	-10.84	-14.05	-12.74	-10.85	-10.06	-10.07	-11.41	-12.04	-11.74	-11.23	-12.07	-13.52	-14.06	-15.50		
115	2.58	2.97	3.34	3.29	2.72	1.89	1.32	1.04	0.84	0.59	0.05	-0.91	-2.18	-3.78	-5.67	-6.00	-6.28	-6.84	-8.63	-8.52	-7.46	-7.01	-10.01	-15.03	-13.74	-10.87	-9.85	-8.88	-10.28	-12.21	-12.56	-11.54	-11.25	-12.15	-13.70	-14.87	-15.50	
120	2.58	2.99	3.36	3.30	2.70	1.70	1.01	0.55	0.13	-0.29	-0.91	-1.98	-3.56	-5.74	-6.42	-6.30	-6.40	-6.40	-8.06	-8.06	-6.96	-6.96	-10.06	-15.28	-14.08	-11.03	-9.25	-7.73	-9.91	-11.81	-12.00	-12.00	-12.00	-12.00	-14.87	-15.50		
125	2.58	2.99	3.36	3.30	2.70	1.70	1.01	0.55	0.13	-0.29	-0.91	-1.98	-3.56	-5.74	-6.42	-6.30	-6.40	-6.40	-8.06	-8.06	-6.96	-6.96	-10.06	-15.28	-14.08	-11.03	-9.25	-7.73	-9.91	-11.81	-12.00	-12.00	-12.00	-12.00	-14.87	-15.50		
130	2.58	2.99	3.36	3.30	2.70	1.70	1.01	0.55	0.13	-0.29	-0.91	-1.98	-3.56	-5.74	-6.42	-6.30	-6.40	-6.40	-8.06	-8.06	-6.96	-6.96	-10.06	-15.28	-14.08	-11.03	-9.25	-7.73	-9.91	-11.81	-12.00	-12.00	-12.00	-12.00	-14.87	-15.50		
135	2.58	2.99	3.36	3.30	2.70	1.70	1.01	0.55	0.13	-0.29	-0.91	-1.98	-3.56	-5.74	-6.42	-6.30	-6.40	-6.40	-8.06	-8.06	-6.96	-6.96	-10.06	-15.28	-14.08	-11.03	-9.25	-7.73	-9.91	-11.81	-12.00	-12.00	-12.00	-12.00	-14.87	-15.50		
140	2.58	2.99	3.36	3.30	2.70	1.70	1.01	0.55	0.13	-0.29	-0.91	-1.98	-3.56	-5.74	-6.42	-6.30	-6.40	-6.40	-8.06	-8.06	-6.96	-6.96	-10.06	-15.28	-14.08	-11.03	-9.25	-7.73	-9.91	-11.81	-12.00	-12.00	-12.00	-12.00	-14.87	-15.50		
145	2.58	2.99	3.36	3.30	2.70	1.70	1.01	0.55	0.13	-0.29	-0.91	-1.98	-3.56	-5.74	-6.42	-6.30	-6.40	-6.40	-8.06	-8.06	-6.96	-6.96	-10.06	-15.28	-14.08	-11.03	-9.25	-7.73	-9.91	-11.81	-12.00	-12.00	-12.00	-12.00	-14.87	-15.50		
150	2.58	2.99	3.36	3.30	2.70	1.70	1.01	0.55	0.13	-0.29	-0.91	-1.98	-3.56	-5.74	-6.42	-6.30	-6.40	-6.40	-8.06	-8.06	-6.96	-6.96	-10.06	-15.28	-14.08	-11.03	-9.25	-7.73	-9.91	-11.81	-12.00	-12.00	-12.00	-12.00	-14.87	-15.50		
155	2.58	2.99	3.36	3.30	2.70	1.70	1.01	0.55	0.13	-0.29	-0.91	-1.98	-3.56	-5.74	-6.42	-6.30	-6.40	-6.40	-8.06	-8.06	-6.96	-6.96	-10.06	-15.28	-14.08	-11.03	-9.25	-7.73	-9.91	-11.81	-12.00	-12.00	-12.00	-12.00	-14.87	-15.50		
160	2.58	2.99	3.36	3.30	2.70	1.70	1.01	0.55	0.13	-0.29	-0.91	-1.98	-3.56	-5.74	-6.42	-6.30	-6.40	-6.40	-8.06	-8.06	-6.96	-6.96	-10.06	-15.28	-14.08	-11.03	-9.25	-7.73	-9.91	-11.81	-12.00	-12.00	-12.00	-12.00	-14.87	-15.50		
165	2.58	2.99	3.36	3.30	2.70	1.70	1.01	0.55	0.13	-0.29	-0.91	-1.98	-3.56	-5.74	-6.42	-6.30	-6																					

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)		(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)	(°)
0	-0.01	1.01	2.34	2.80	2.08	0.61	-1.54	-3.23	-4.48	-4.70	-3.53	-1.94	-1.18	-1.68	-2.97	-3.96	-4.23	-4.54	-5.64	-6.08	-11.76	-14.28	-14.05	-11.91	-9.37	-5.98	-2.78	-0.93	-1.04	-12.73	-16.36	-17.32	-16.79	-16.12	-15.55	-15.30	-14.63	-14.43
5	-0.01	1.09	2.48	2.93	2.20	0.68	-1.46	-3.07	-3.78	-3.63	-3.32	-1.95	-0.48	-1.03	-2.37	-3.35	-3.59	-3.91	-5.13	-5.57	-11.25	-13.76	-13.53	-11.39	-8.85	-5.46	-2.26	-0.41	-0.68	-12.87	-17.02	-18.15	-17.61	-16.95	-16.40	-15.87	-15.47	-14.83
10	-0.01	1.16	2.61	3.06	2.33	0.75	-1.39	-2.90	-3.41	-3.26	-2.95	-1.89	-0.41	-0.82	-2.15	-3.12	-3.35	-3.67	-4.89	-5.33	-11.01	-13.52	-13.29	-11.15	-8.61	-5.22	-2.02	-0.34	-0.61	-13.00	-17.15	-18.28	-17.74	-17.08	-16.53	-16.00	-15.59	-15.14
15	-0.01	1.23	2.70	3.10	2.39	0.81	-1.35	-2.80	-3.19	-3.04	-2.73	-1.88	-0.32	-0.68	-2.02	-2.99	-3.21	-3.53	-4.75	-5.19	-10.89	-13.40	-13.17	-11.03	-8.49	-5.10	-1.92	-0.31	-0.58	-13.13	-17.28	-18.41	-17.87	-17.21	-16.66	-16.13	-15.72	-15.27
20	-0.01	1.26	2.79	3.41	2.64	0.87	-1.37	-2.67	-2.97	-2.82	-2.51	-1.83	-0.25	-0.63	-2.00	-2.97	-3.19	-3.51	-4.73	-5.17	-10.70	-13.21	-12.98	-10.84	-8.30	-4.91	-1.84	-0.30	-0.55	-13.26	-17.40	-18.53	-17.99	-17.33	-16.78	-16.25	-15.84	-15.39
25	-0.01	1.30	2.85	3.49	2.68	0.98	-1.38	-2.52	-2.72	-2.57	-2.26	-1.80	-0.20	-0.58	-1.93	-2.90	-3.12	-3.44	-4.66	-5.10	-10.51	-13.02	-12.79	-10.65	-8.11	-4.72	-1.77	-0.29	-0.52	-13.39	-17.51	-18.64	-18.10	-17.44	-16.89	-16.36	-15.95	-15.50
30	-0.01	1.33	2.89	3.54	2.64	1.04	-1.38	-2.35	-2.55	-2.40	-2.10	-1.74	-0.20	-0.56	-1.86	-2.83	-3.05	-3.37	-4.59	-5.03	-10.31	-12.82	-12.59	-10.45	-7.91	-4.52	-1.70	-0.28	-0.50	-13.52	-17.62	-18.75	-18.21	-17.55	-17.02	-16.49	-16.08	-15.63
35	-0.01	1.36	2.91	3.60	2.59	1.10	-1.36	-2.12	-2.32	-2.17	-1.87	-1.66	-0.16	-0.54	-1.80	-2.77	-2.99	-3.31	-4.53	-4.97	-10.11	-12.43	-12.20	-10.27	-7.72	-4.33	-1.67	-0.27	-0.48	-13.65	-17.73	-18.86	-18.32	-17.66	-17.13	-16.60	-16.19	-15.74
40	-0.01	1.36	2.90	3.56	2.59	1.02	-1.37	-2.05	-2.25	-2.10	-1.80	-1.59	-0.16	-0.54	-1.78	-2.75	-2.97	-3.29	-4.51	-4.95	-9.91	-12.04	-11.81	-10.08	-7.44	-4.04	-1.64	-0.26	-0.46	-13.78	-17.84	-18.97	-18.43	-17.77	-17.24	-16.71	-16.30	-15.85
45	-0.01	1.36	2.88	3.52	2.58	0.98	-1.36	-1.85	-2.05	-1.90	-1.60	-1.39	-0.15	-0.52	-1.76	-2.73	-2.95	-3.27	-4.49	-4.93	-9.71	-11.65	-11.42	-9.94	-7.20	-3.94	-1.61	-0.25	-0.45	-13.91	-17.95	-19.08	-18.54	-17.88	-17.35	-16.82	-16.41	-15.96
50	-0.01	1.35	2.85	3.46	2.52	0.96	-1.36	-1.60	-1.80	-1.65	-1.35	-1.14	-0.14	-0.51	-1.74	-2.71	-2.93	-3.25	-4.47	-4.91	-9.51	-11.26	-11.03	-9.78	-6.94	-3.78	-1.58	-0.24	-0.43	-14.04	-18.06	-19.19	-18.65	-17.99	-17.46	-16.93	-16.52	-16.07
55	-0.01	1.34	2.80	3.40	2.50	0.93	-1.36	-1.35	-1.70	-1.55	-1.25	-1.04	-0.13	-0.50	-1.72	-2.69	-2.91	-3.23	-4.45	-4.89	-9.31	-10.87	-10.64	-9.61	-6.65	-3.62	-1.55	-0.23	-0.41	-14.17	-18.17	-19.30	-18.76	-18.10	-17.57	-17.04	-16.63	-16.18
60	-0.01	1.32	2.73	3.33	2.41	0.82	-1.37	-1.07	-1.50	-1.35	-1.05	-0.84	-0.13	-0.48	-1.69	-2.64	-2.86	-3.18	-4.40	-4.84	-9.11	-10.48	-10.25	-9.46	-6.39	-3.46	-1.51	-0.21	-0.39	-14.30	-18.28	-19.41	-18.87	-18.21	-17.68	-17.15	-16.74	-16.29
65	-0.01	1.29	2.65	3.17	2.44	0.68	-1.38	-0.87	-1.30	-1.15	-0.85	-0.64	-0.13	-0.45	-1.65	-2.58	-2.80	-3.12	-4.34	-4.78	-8.91	-10.09	-9.86	-9.29	-6.11	-3.28	-1.48	-0.20	-0.37	-14.43	-18.39	-19.52	-18.98	-18.32	-17.79	-17.26	-16.85	-16.40
70	-0.01	1.25	2.67	3.04	2.51	0.47	-1.40	-0.92	-1.34	-1.19	-0.89	-0.68	-0.12	-0.43	-1.62	-2.52	-2.74	-3.06	-4.28	-4.72	-8.72	-9.74	-9.51	-9.04	-5.95	-3.10	-1.45	-0.19	-0.36	-14.56	-18.50	-19.63	-19.09	-18.43	-17.90	-17.37	-16.96	-16.51
75	-0.01	1.21	2.48	2.92	2.36	0.31	-1.37	-0.92	-1.37	-1.20	-0.90	-0.69	-0.11	-0.42	-1.59	-2.46	-2.68	-3.00	-4.22	-4.66	-8.52	-9.54	-9.31	-9.88	-5.67	-2.90	-1.42	-0.18	-0.34	-14.69	-18.61	-19.74	-19.20	-18.54	-18.01	-17.48	-17.07	-16.62
80	-0.01	1.17	2.39	2.80	2.25	0.15	-1.36	-1.05	-1.36	-1.19	-0.89	-0.68	-0.10	-0.40	-1.56	-2.40	-2.62	-2.94	-4.16	-4.60	-8.32	-9.34	-9.11	-9.70	-5.16	-2.72	-1.39	-0.16	-0.32	-14.82	-18.72	-19.85	-19.31	-18.65	-18.12	-17.59	-17.18	-16.73
85	-0.01	1.12	2.30	2.70	2.19	-0.14	-1.34	-1.02	-1.42	-1.25	-0.94	-0.73	-0.10	-0.38	-1.53	-2.30	-2.52	-2.84	-4.02	-4.46	-8.14	-9.16	-8.93	-9.54	-4.62	-2.54	-1.36	-0.14	-0.30	-14.95	-18.83	-19.96	-19.42	-18.76	-18.23	-17.70	-17.29	-16.84
90	-0.01	1.07	2.21	2.60	2.18	-0.58	-1.48	-1.30	-2.52	-2.39	-1.04	-0.83	-0.10	-0.36	-1.49	-2.23	-2.45	-2.76	-3.94	-4.38	-7.93	-8.95	-8.72	-9.36	-4.04	-2.36	-1.30	-0.12	-0.28	-15.08	-18.94	-20.07	-19.53	-18.87	-18.34	-17.81	-17.40	-16.95
95	-0.01	1.02	2.13	2.53	2.21	-1.02	-1.54	-2.38	-2.81	-2.64	-1.04	-0.83	-0.10	-0.34	-1.46	-2.15	-2.37	-2.68	-3.86	-4.30	-7.57	-8.59	-8.36	-8.99	-3.94	-2.28	-1.24	-0.10	-0.26	-15.21	-19.05	-20.18	-19.64	-18.98	-18.45	-17.92	-17.51	-17.06
100	-0.01	0.97	2.05	2.46	2.28	-1.48	-2.28	-2.60	-3.20	-3.02	-1.14	-0.94	-0.10	-0.31	-1.43	-2.08	-2.30	-2.61	-3.79	-4.23	-7.20	-8.22	-8.00	-8.63	-3.74	-2.10	-1.12	-0.08	-0.22	-15.34	-19.16	-20.29	-19.75	-19.09	-18.56	-18.03	-17.62	-17.17
105	-0.01	0.87	1.93	2.44	2.39	-2.00	-2.30	-2.14	-1.76	-1.37	-0.68	-0.58	-0.19	-0.28	-1.39	-1.93	-2.15	-2.46	-3.64	-4.08	-6.57	-7.59	-7.37	-7.99	-3.54	-1.94	-1.07	-0.06	-0.19	-15.47	-19.27	-20.40	-19.86	-19.20	-18.67	-18.14	-17.73	-17.28
110	-0.01	0.82	1.89	2.45	2.47	-2.34	-2.15	-1.68	-1.73	-0.83	-0.77	-1.73	-1.18	-0.74	-0.38	-1.34	-1.84	-2.06	-3.24	-3.68	-6.17	-7.19	-6.97	-7.59	-3.34	-1.78	-1.00	-0.04	-0.17	-15.60	-19.38	-20.51	-19.97	-19.31	-18.78	-18.25	-17.84	-17.39
115	-0.01	0.77	1.85	2.48	2.57	-2.39	-1.97	-1.61	-1.48	-0.58	-0.50	-1.69	-1.07	-0.64	-0.35	-1.34	-1.75	-1.97	-3.13	-3.57	-5.66	-6.68	-6.46	-7.08	-3.14	-1.60	-0.97	-0.03	-0.15	-15.73	-19.49	-20.62	-20.08	-19.42	-18.89	-18.36	-17.95	-17.50
120	-0.01	0.74	1.82	2.50	2.61	-2.40	-1.88	-1.61	-1.38	-0.47	-0.39	-1.66	-1.03	-0.61	-0.32	-1.32	-1.72	-1.94	-3.00	-3.44	-5.45	-6.47	-6.25	-6.87	-3.14	-1.58	-0.95	-0.02	-0.13	-15.86	-19.60	-20.73	-20.19	-19.53	-19.00	-18.47	-18.06	-17.61
125	-0.01	0.67	1.80	2.58	2.62	-2.41	-1.88	-1.70	-1.37	-0.31	-0.24	-1.60	-0.98	-0.47	-0.28	-1.29	-1.69	-1.91	-2.86	-3.30	-5.16	-6.18	-5.96	-6.58	-3.04	-1.56	-0.92	-0.01	-0.11	-15.99	-19.71	-20.84	-20.30	-19.64	-19.11	-18.58	-18.17	-17.72
130	-0.01	0.62	1.78	2.64	2.65	-2.37	-1.86	-1.63	-1.49	-0.19	-0.14	-1.54	-0.95	-0.44	-0.27	-1.26	-1.67	-1.89	-2.72	-3.16	-4.91	-5.93	-5.71	-6.33	-2.94	-1.54	-0.90	-0.00	-0.10	-16.12	-19.82	-20.95	-20.41	-19.75	-19.22	-18.69	-18.28	-17.83
135	-0.01	0.58	1.76	2.70	2.68	-2.30	-1.84	-1.42	-1.44	-0.04	-0.04	-1.47	-0.90	-0.40	-0.27	-1.24	-1.65	-1.87	-2.54	-2.98	-4.79	-5.81	-5.59	-6.21	-2.94	-1.52	-0.88	-0.00	-0.09	-16.25	-19.93	-21.06	-20.52	-19.86	-19.33	-18.80	-18.39	-17.94
140	-0.01	0.53	1.75	2.74	2.64	-2.17	-1.85	-1.64	-1.46	-0.22	-0.17	-1.40	-0.89	-0.40	-0.25	-1.18	-1.63	-1.85	-2.40	-2.84	-4.60	-5.62	-5.40	-6.02	-2.94	-1.50	-0.86	-0.00	-0.08	-16.38	-20.04	-21.17	-20.63	-19.97	-19.44	-18.91	-18.50	-18.05
145	-0.01	0.49	1.72	2.71	2.66	-2.06	-1.86	-1.61	-1.40	-0.15	-0.10	-1.36	-0.87	-0.38	-0.24	-1.14	-1.60	-1.82	-2.36	-2.80	-4.40	-5.42	-5.20	-5.82	-2.94	-1.48	-0.84	-0.00	-0.07	-16.51	-20.15	-21.28	-20.74	-20.08	-19.55	-19.02	-18.61	-18.16
150	-0.01	0.44	1.70	2.75	2.65	-2.04	-1.83	-1.63	-1.44	-0.10	-0.05	-1.34	-0.86	-0.36	-0.21	-1.14	-1.58	-1.80	-2.30	-2.74	-4.40	-5.42	-5.20	-5.82	-2.94	-1.46	-0.82	-0.00	-0.06	-16.64	-20.26	-21.39	-20.85	-20.19	-19.66	-19.13	-18.72	-18.27
155	-0.01	0.40	1.64	2.73	2.69	-2.00	-1.81	-1.61	-1.37	-0.18	-0.13	-1.30	-0.86	-0.36	-0.20	-1.10	-1.57	-1.79	-2.30	-2.74	-4.20	-5.22	-5.00	-5.62	-2.94	-1.44	-0.80	-0.00	-0.05	-16.77	-20.37	-21.50	-20.96	-20.30	-19.77	-19.24	-18.83	-18.38
160	-0.01	0.36	1.62	2.69	2.61	-2.51	-1.85	-1.65	-1.45	-0.05	-0.00	-1.25																										

[illegible]

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
Ph(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	-2.27	-4.39	-6.97	-1.94	-3.60	-6.10	-4.20	-10.20	-14.33	-8.65	-4.44	-1.40	0.09	0.43	0.04	-0.41	-0.49	-0.57	-1.34	-3.29	-5.55	-5.53	-4.10	-11.25	-10.27	-7.87	-6.53	-4.09	-9.00	-3.50	-13.09	-13.00	-17.78	-18.84	-15.71	-15.24	-16.40	-16.42
5	-2.27	-4.47	-7.11	-2.00	-3.29	-5.38	-3.48	-9.38	-10.94	-4.14	-2.21	-0.37	0.34	0.93	0.65	-0.83	-0.45	-0.78	-1.44	-3.38	-5.41	-5.25	-3.74	-13.27	-14.75	-8.66	-5.38	-2.94	-8.82	-3.58	-13.66	-13.78	-18.46	-15.38	-14.74	-14.75	-16.40	-16.42
10	-2.27	-4.54	-7.85	-2.10	-3.44	-5.58	-3.58	-9.58	-11.14	-4.24	-2.31	-0.46	0.49	1.09	0.64	-1.04	-0.30	-0.71	-1.40	-3.30	-5.47	-5.10	-3.67	-13.46	-14.93	-8.76	-5.48	-3.04	-8.91	-3.61	-13.86	-13.98	-18.66	-15.58	-14.94	-14.95	-16.40	-16.42
15	-2.27	-4.63	-8.38	-2.04	-3.58	-5.76	-3.65	-9.83	-11.33	-4.32	-2.32	-0.50	0.56	1.20	0.69	-1.08	-0.35	-0.80	-1.37	-3.14	-5.48	-4.88	-3.46	-13.60	-15.07	-8.86	-5.60	-3.14	-8.98	-3.69	-14.06	-14.18	-18.86	-15.78	-15.10	-15.11	-16.40	-16.42
20	-2.27	-4.71	-8.40	-2.05	-3.60	-5.79	-3.68	-1.70	-1.16	-4.28	-2.34	-0.51	0.58	1.25	0.72	-1.09	-0.38	-0.81	-1.39	-3.28	-5.50	-4.91	-3.48	-13.78	-15.17	-8.96	-5.67	-3.19	-9.03	-3.72	-14.13	-14.24	-18.96	-15.88	-15.17	-15.18	-16.40	-16.42
25	-2.27	-4.77	-8.49	-2.08	-3.77	-5.77	-3.71	-0.88	-0.40	-1.10	-0.50	-0.50	0.78	1.21	0.82	-0.63	-0.47	-0.80	-1.40	-3.26	-5.47	-4.97	-3.47	-13.87	-15.27	-9.04	-5.74	-3.24	-9.08	-3.74	-14.24	-14.35	-19.06	-15.97	-15.27	-15.28	-16.40	-16.42
30	-2.27	-4.84	-8.66	-2.13	-3.75	-5.85	-3.76	-0.30	-0.69	-0.62	-0.94	-0.37	0.83	1.33	0.93	-0.58	-0.38	-0.83	-1.43	-3.20	-5.46	-5.07	-3.49	-13.97	-15.36	-9.12	-5.81	-3.28	-9.14	-3.78	-14.34	-14.45	-19.16	-16.07	-15.37	-15.38	-16.40	-16.42
35	-2.27	-4.90	-8.75	-2.08	-3.80	-5.91	-3.81	0.01	-0.69	-0.81	-0.84	-0.34	0.94	1.37	0.97	-0.57	-0.37	-0.84	-1.46	-3.14	-5.45	-5.16	-3.50	-14.07	-15.45	-9.19	-5.88	-3.31	-9.24	-3.81	-14.44	-14.55	-19.26	-16.17	-15.47	-15.48	-16.40	-16.42
40	-2.27	-4.95	-8.80	-2.30	-3.84	-5.93	-3.84	-0.02	-0.70	-1.04	-0.84	-0.38	0.98	1.40	1.00	-0.58	-0.40	-0.84	-1.49	-3.08	-5.44	-5.25	-3.51	-14.17	-15.53	-9.26	-5.94	-3.34	-9.29	-3.84	-14.54	-14.65	-19.36	-16.28	-15.58	-15.59	-16.40	-16.42
45	-2.27	-5.00	-8.84	-2.38	-3.91	-6.01	-3.91	-0.74	-0.80	-1.08	-0.88	-0.41	1.01	1.47	1.07	-0.57	-0.40	-0.88	-1.50	-2.99	-5.43	-5.36	-3.52	-14.26	-15.61	-9.33	-6.01	-3.37	-9.34	-3.87	-14.64	-14.75	-19.46	-16.39	-15.68	-15.69	-16.40	-16.42
50	-2.27	-5.04	-8.86	-2.45	-3.95	-6.03	-3.95	-1.68	-0.87	-1.10	-0.98	-0.42	1.07	1.50	1.09	-0.57	-0.40	-0.90	-1.50	-2.89	-5.42	-5.48	-3.53	-14.35	-15.68	-9.40	-6.07	-3.40	-9.39	-3.90	-14.74	-14.85	-19.56	-16.40	-15.78	-15.79	-16.40	-16.42
55	-2.27	-5.08	-8.88	-2.50	-3.98	-6.05	-3.98	-2.51	-0.90	-1.12	-1.02	-0.43	1.07	1.51	1.10	-0.57	-0.41	-0.91	-1.50	-2.87	-5.41	-5.54	-3.54	-14.43	-15.74	-9.46	-6.14	-3.43	-9.44	-3.93	-14.84	-14.95	-19.66	-16.51	-15.89	-15.90	-16.40	-16.42
60	-2.27	-5.11	-8.85	-2.44	-3.94	-6.08	-4.06	-3.79	-0.91	-1.20	-1.08	-0.43	1.07	1.51	1.10	-0.57	-0.42	-0.93	-1.48	-2.83	-5.40	-5.60	-3.54	-14.51	-15.81	-9.53	-6.21	-3.46	-9.49	-3.96	-14.94	-15.05	-19.76	-16.62	-16.00	-16.01	-16.40	-16.42
65	-2.27	-5.13	-8.83	-2.38	-3.93	-6.05	-4.02	-3.73	-0.91	-1.23	-1.12	-0.43	1.07	1.51	1.10	-0.57	-0.42	-0.93	-1.48	-2.81	-5.39	-5.69	-3.54	-14.59	-15.88	-9.60	-6.28	-3.49	-9.54	-3.99	-15.04	-15.15	-19.86	-16.73	-16.11	-16.12	-16.40	-16.42
70	-2.27	-5.16	-8.81	-2.29	-3.93	-6.04	-4.05	-4.21	-0.94	-1.31	-1.16	-0.43	1.07	1.51	1.10	-0.57	-0.42	-0.94	-1.48	-2.79	-5.38	-5.78	-3.54	-14.67	-15.94	-9.67	-6.35	-3.52	-9.59	-4.02	-15.14	-15.25	-19.96	-16.84	-16.22	-16.23	-16.40	-16.42
75	-2.27	-5.18	-8.79	-2.18	-3.93	-6.04	-4.04	-4.38	-0.94	-1.34	-1.19	-0.43	1.07	1.51	1.10	-0.57	-0.42	-0.94	-1.48	-2.77	-5.37	-5.87	-3.54	-14.74	-16.01	-9.74	-6.42	-3.55	-9.64	-4.05	-15.24	-15.35	-20.06	-16.95	-16.33	-16.34	-16.40	-16.42
80	-2.27	-5.19	-8.77	-2.07	-3.90	-6.04	-4.03	-4.56	-0.94	-1.37	-1.23	-0.43	1.07	1.51	1.10	-0.57	-0.42	-0.94	-1.48	-2.75	-5.36	-5.96	-3.54	-14.81	-16.08	-9.81	-6.49	-3.58	-9.69	-4.08	-15.34	-15.45	-20.16	-17.06	-16.41	-16.42	-16.40	-16.42
85	-2.27	-5.21	-8.76	-1.96	-3.89	-6.04	-4.02	-4.80	-0.94	-1.40	-1.26	-0.43	1.07	1.51	1.10	-0.57	-0.42	-0.94	-1.48	-2.73	-5.35	-6.04	-3.54	-14.88	-16.15	-9.88	-6.56	-3.61	-9.74	-4.11	-15.44	-15.55	-20.26	-17.16	-16.51	-16.52	-16.40	-16.42
90	-2.27	-5.22	-8.76	-1.80	-3.87	-6.04	-4.01	-5.06	-0.94	-1.43	-1.29	-0.43	1.07	1.51	1.10	-0.57	-0.42	-0.94	-1.48	-2.71	-5.34	-6.12	-3.54	-14.94	-16.22	-9.95	-6.63	-3.64	-9.79	-4.14	-15.54	-15.65	-20.36	-17.26	-16.61	-16.62	-16.40	-16.42
95	-2.27	-5.23	-8.76	-1.60	-3.84	-6.04	-4.00	-5.24	-0.94	-1.46	-1.32	-0.43	1.07	1.51	1.10	-0.57	-0.42	-0.94	-1.48	-2.69	-5.33	-6.20	-3.54	-15.00	-16.29	-10.02	-6.70	-3.67	-9.84	-4.17	-15.64	-15.75	-20.46	-17.36	-16.71	-16.72	-16.40	-16.42
100	-2.27	-5.24	-8.76	-1.39	-3.81	-6.04	-3.99	-5.42	-0.94	-1.49	-1.35	-0.43	1.07	1.51	1.10	-0.57	-0.42	-0.94	-1.48	-2.67	-5.32	-6.26	-3.54	-15.06	-16.36	-10.09	-6.77	-3.70	-9.89	-4.20	-15.74	-15.85	-20.56	-17.46	-16.81	-16.82	-16.40	-16.42
105	-2.27	-5.24	-8.76	-1.17	-3.78	-6.04	-3.98	-5.60	-0.94	-1.52	-1.38	-0.43	1.07	1.51	1.10	-0.57	-0.42	-0.94	-1.48	-2.65	-5.31	-6.32	-3.54	-15.12	-16.43	-10.16	-6.84	-3.73	-9.94	-4.23	-15.84	-15.95	-20.66	-17.56	-16.91	-16.92	-16.40	-16.42
110	-2.27	-5.24	-8.76	-0.93	-3.75	-6.04	-3.97	-5.78	-0.94	-1.55	-1.40	-0.43	1.07	1.51	1.10	-0.57	-0.42	-0.94	-1.48	-2.63	-5.30	-6.40	-3.54	-15.18	-16.50	-10.23	-6.91	-3.76	-10.00	-4.26	-15.94	-16.05	-20.76	-17.66	-17.01	-17.02	-16.40	-16.42
115	-2.27	-5.24	-8.85	-0.67	-3.71	-6.04	-3.96	-5.96	-0.94	-1.58	-1.43	-0.43	1.07	1.51	1.10	-0.57	-0.42	-0.94	-1.48	-2.61	-5.29	-6.48	-3.54	-15.24	-16.57	-10.30	-6.98	-3.79	-10.05	-4.29	-16.04	-16.15	-20.86	-17.76	-17.11	-17.12	-16.40	-16.42
120	-2.27	-5.23	-8.87	-0.44	-3.65	-6.04	-3.95	-6.14	-0.94	-1.61	-1.46	-0.43	1.07	1.51	1.10	-0.57	-0.42	-0.94	-1.48	-2.59	-5.28	-6.56	-3.54	-15.30	-16.64	-10.37	-7.05	-3.82	-10.10	-4.32	-16.14	-16.25	-20.96	-17.86	-17.16	-17.17	-16.40	-16.42
125	-2.27	-5.23	-8.90	-0.22	-3.54	-6.04	-3.94	-6.32	-0.94	-1.64	-1.49	-0.43	1.07	1.51	1.10	-0.57	-0.42	-0.94	-1.48	-2.57	-5.27	-6.64	-3.54	-15.36	-16.71	-10.44	-7.12	-3.85	-10.15	-4.35	-16.24	-16.35	-21.06	-17.96	-17.21	-17.22	-16.40	-16.42
130	-2.27	-5.23	-8.90	-0.02	-3.44	-6.04	-3.93	-6.50	-0.94	-1.67	-1.52	-0.43	1.07	1.51	1.10	-0.57	-0.42	-0.94	-1.48	-2.55	-5.26	-6.72	-3.54	-15.42	-16.78	-10.51	-7.19	-3.88	-10.20	-4.38	-16.34	-16.45	-21.16	-18.06	-17.26	-17.27	-16.40	-16.42
135	-2.27	-5.23	-8.90	-0.18	-3.34	-6.04	-3.92	-6.68	-0.94	-1.70	-1.55	-0.43	1.07	1.51	1.10	-0.57	-0.42	-0.94	-1.48	-2.53	-5.25	-6.80	-3.54	-15.48	-16.85	-10.58	-7.26	-3.91	-10.25	-4.41	-16.44	-16.55	-21.26	-18.16	-17.31	-17.32	-16.40	-16.42
140	-2.27	-5.23	-8.90	-0.34	-3.24	-6.04	-3.91	-6.86	-0.94	-1.73	-1.58	-0.43	1.07	1.51	1.10	-0.57	-0.42	-0.94	-1.48	-2.51	-5.24	-6.88	-3.54	-15.54	-16.92	-10.65	-7.33	-3.94	-10.30	-4.44	-16.54	-16.65	-21.36	-18.26	-17.36	-17.37	-16.40	-16.42
145	-2.27	-5.23	-8.90	-0.50	-3.14	-6.04	-3.90	-7.04	-0.94	-1.76	-1.61	-0.43	1.07	1.51	1.10	-0.57	-0.42	-0.94	-1.48	-2.49	-5.23	-6.96	-3.54	-15.60	-17.00	-10.72	-7.40	-3.97	-10.35	-4.47	-16.64	-16.75	-21.46	-18.36	-17.41	-17.42	-16.40	-16.42
150	-2.27	-5.23	-8.90	-0.66	-3.04	-6.04	-3.89	-7.22	-0.94	-1.79	-1.64	-0.43	1.07	1.51	1.10	-0.57	-0.42	-0.94	-1.48	-2.47	-5.22	-7.04	-3.54	-15.66	-17.07	-10.79	-7.47	-4.00	-10.40	-4.50	-16.74	-16.85	-21.56	-18.46	-17.46	-17.47	-16.40	-16.42
155	-2.27	-5.23	-8.90	-0.82	-2.94	-6.04	-3.88	-7.40	-0.94	-1.82	-1.67	-0.43	1.07	1.51	1.10	-0.57	-0.42	-0.94	-1.48	-2.45	-5.21	-7.12	-3.54	-15.72	-17.14	-10.86	-7.54	-4.03	-10.45	-4.53	-16.84	-16.95	-21.66	-18.56	-17.51	-17.52	-16.40	-16.42
160	-2.27	-5.23	-8.90																																			

Regulatory WIFI Antenna Information 97/98

