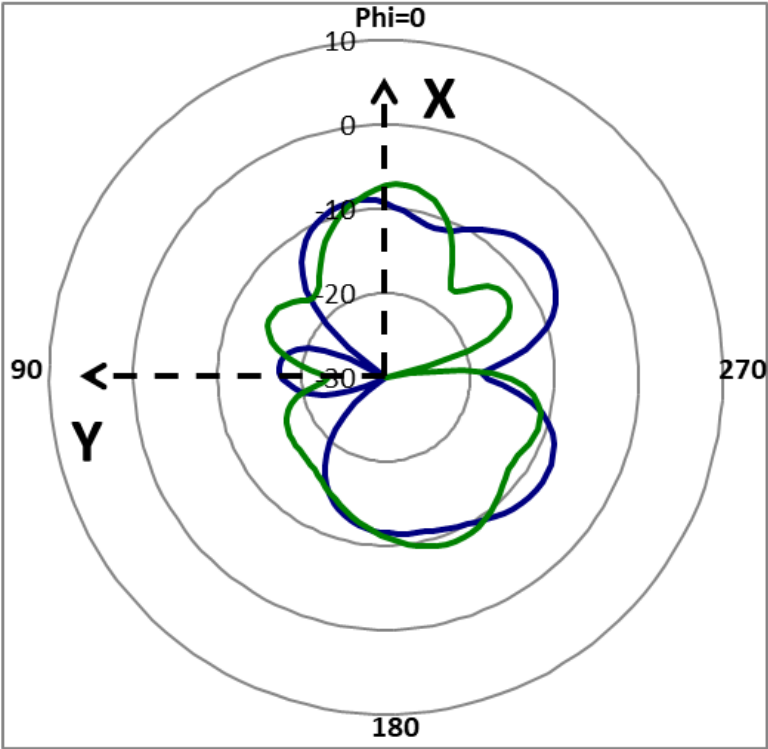


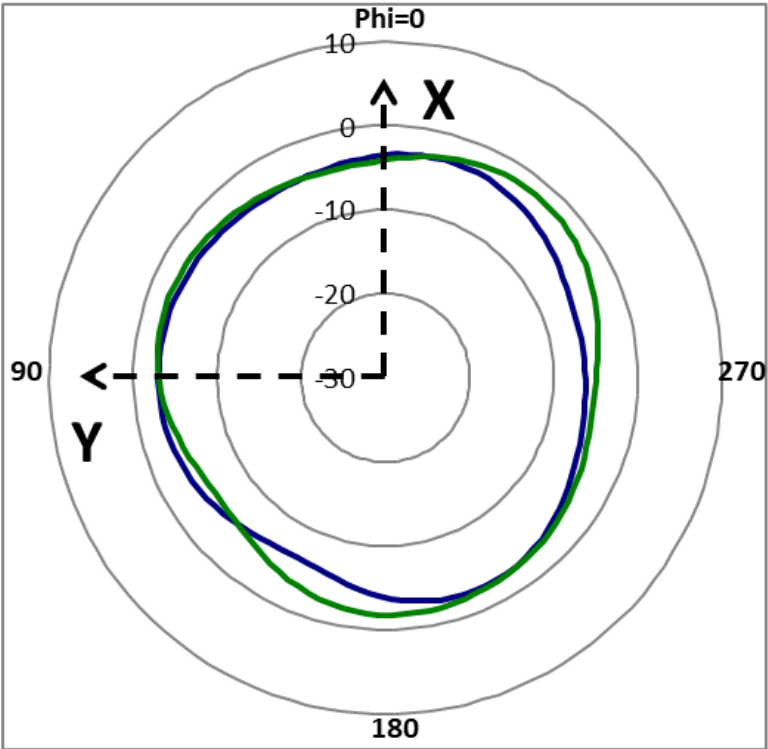
Ant. Position : GPS Ant.13

XY_Pol._Phi_Ant.13



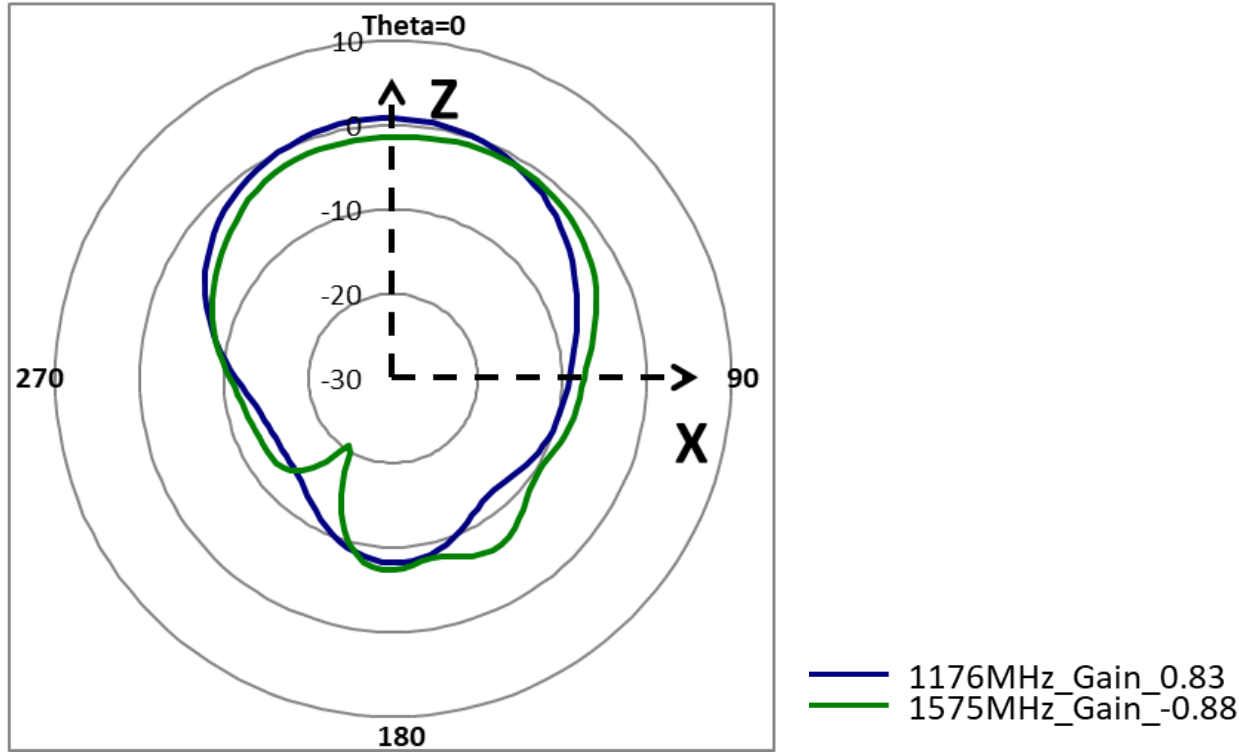
1176MHz_Gain_-6.53
1575MHz_Gain_-7.09

XY_Pol._Theta_Ant.13

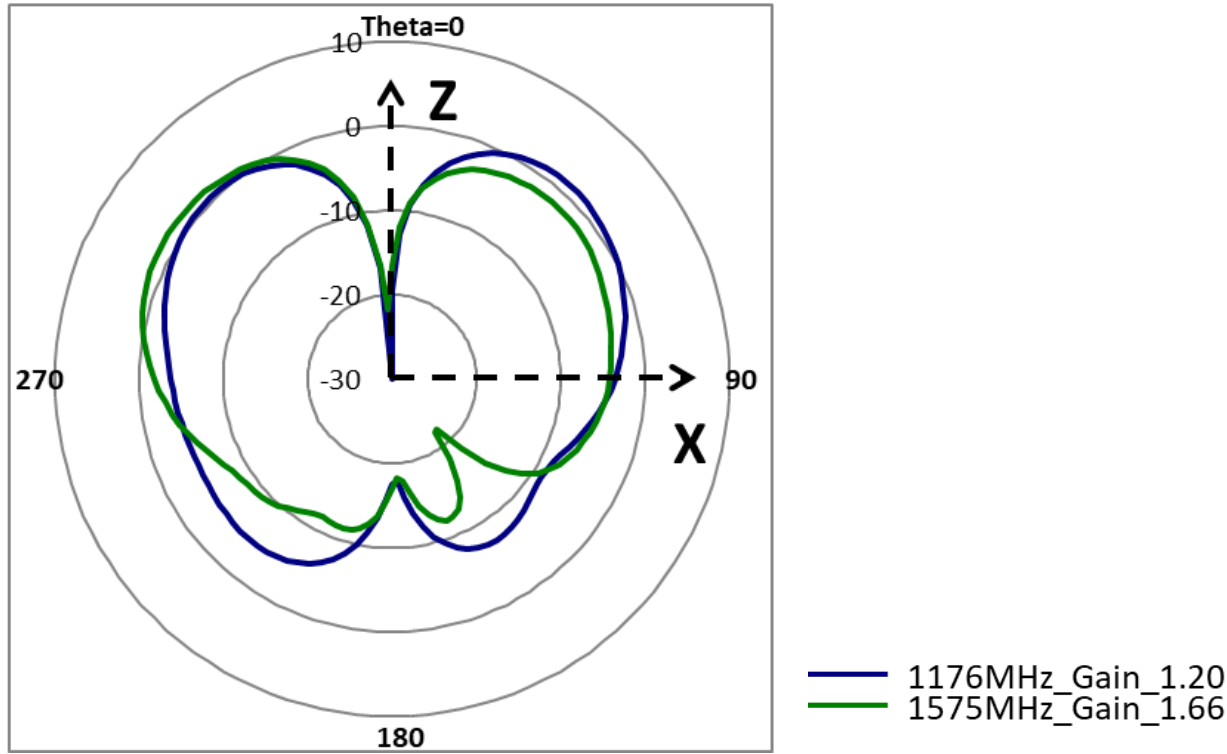


1176MHz_Gain_-2.53
1575MHz_Gain_-1.76

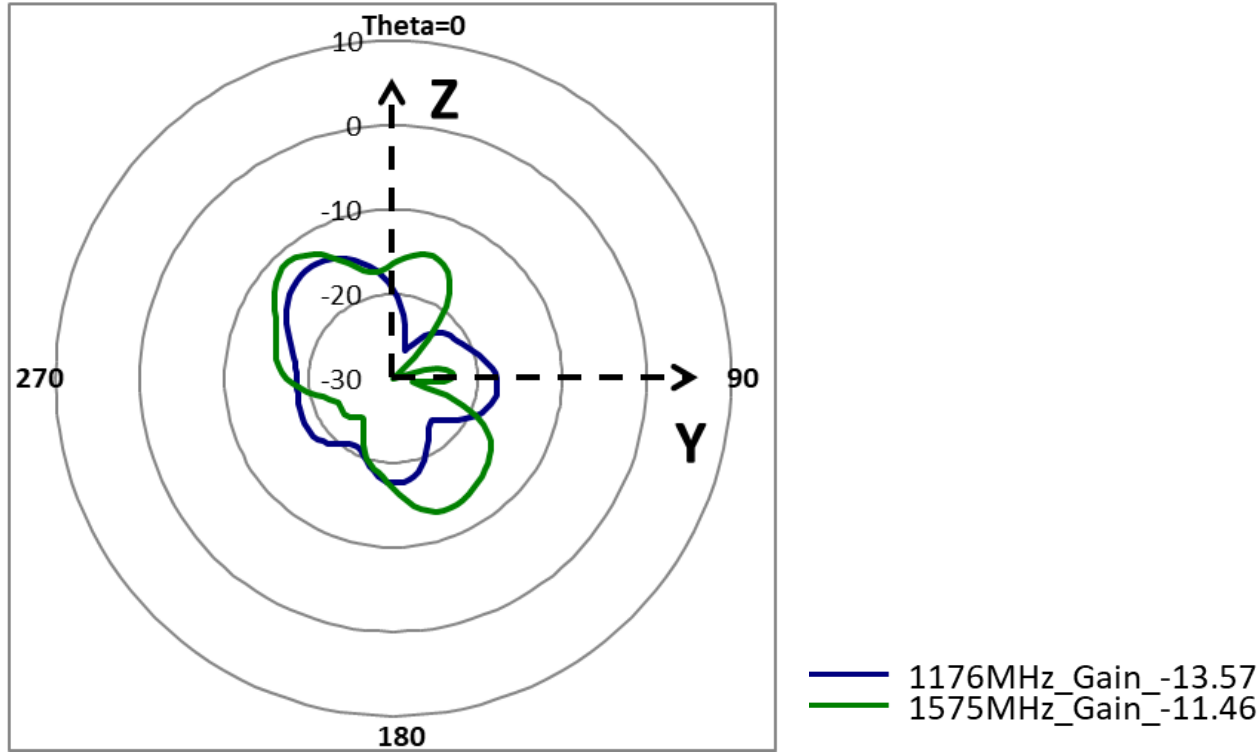
XZ_Pol._Phi_Ant.13



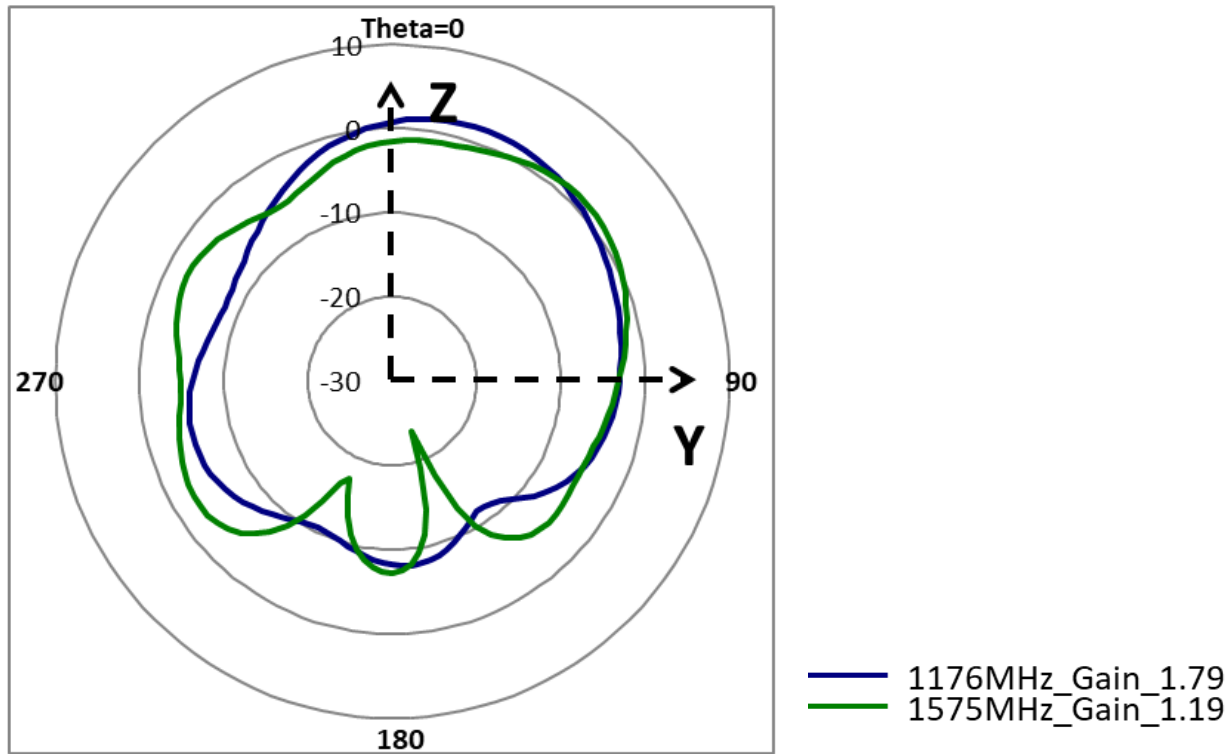
XZ_Pol._Theta_Ant.13



YZ_Pol._Phi_Ant.13

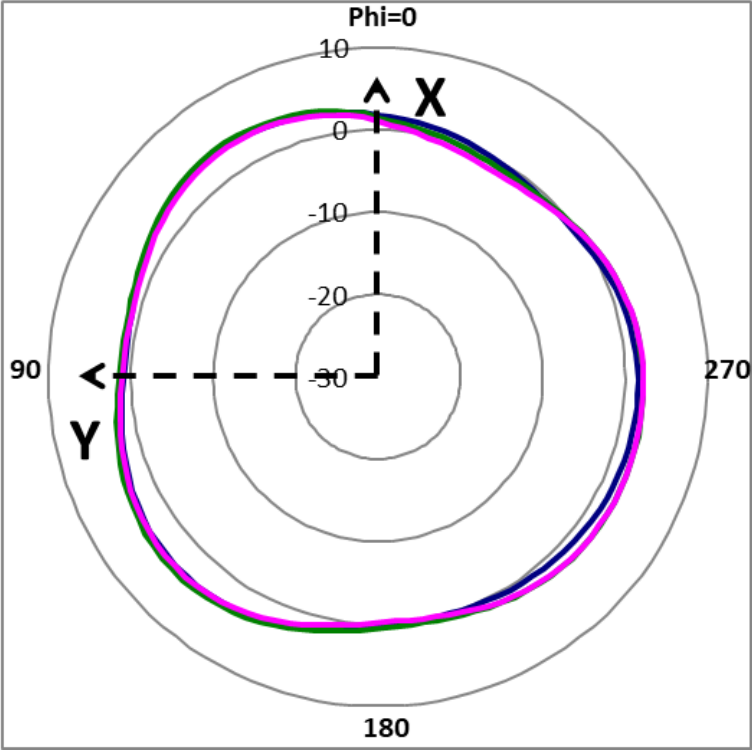


YZ_Pol._Theta_Ant.13

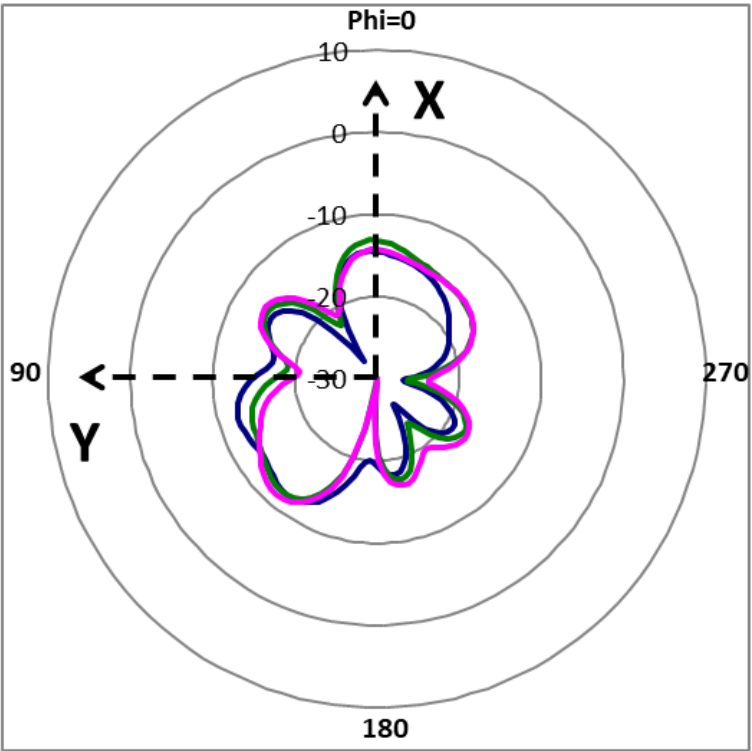


Ant. Position : BLE Ant.14

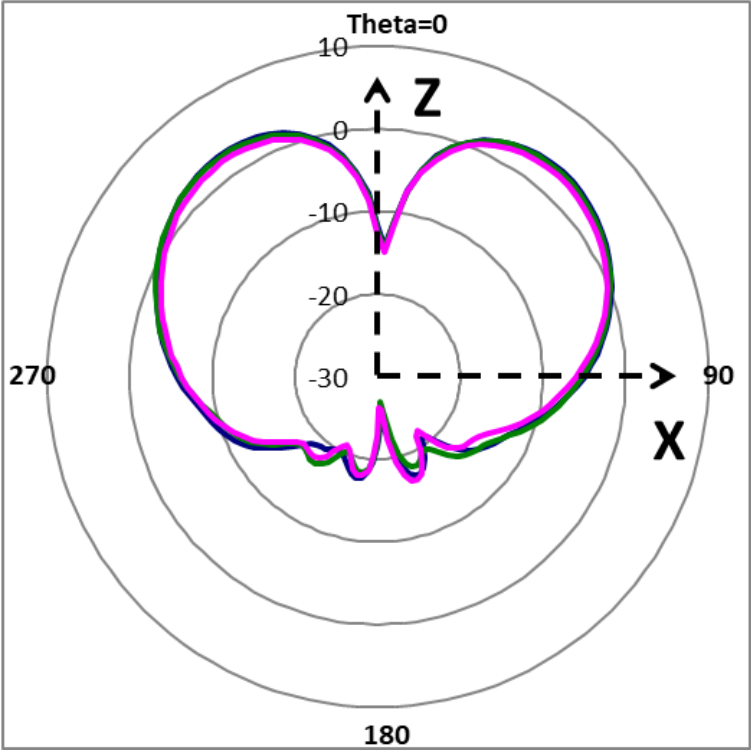
XY_Pol._Phi_Ant.14



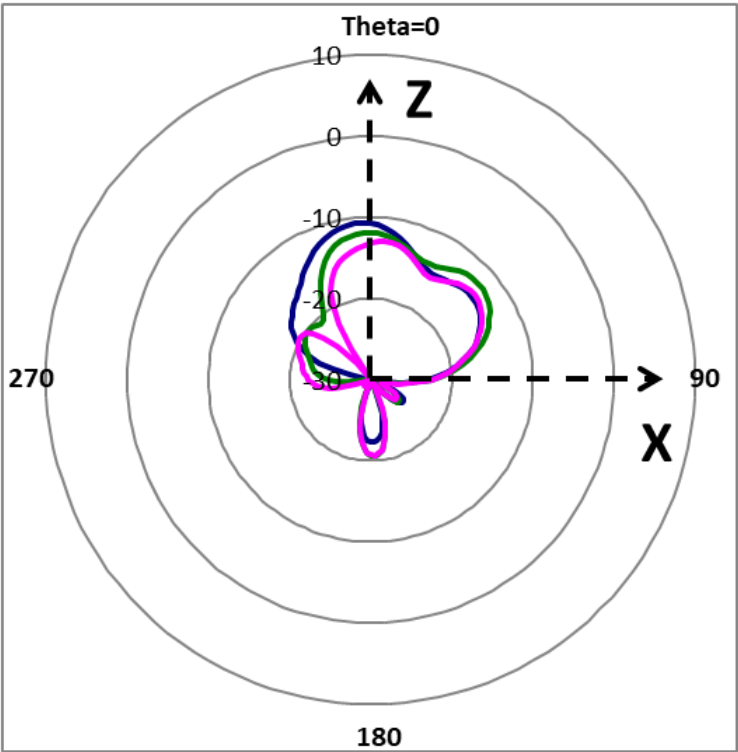
XY_Pol._Theta_Ant.14



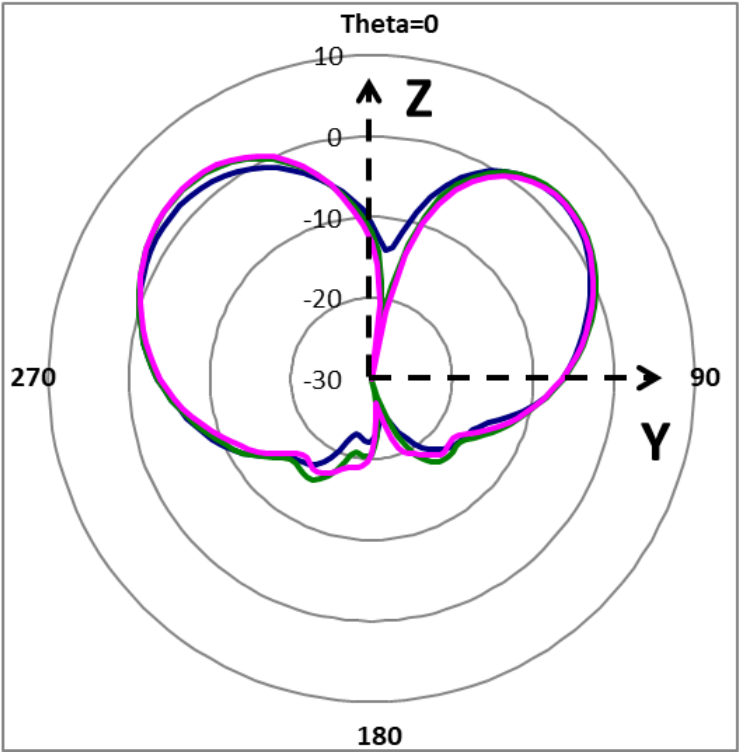
XZ_Pol._Phi_Ant.14



XZ_Pol._Theta_Ant.14

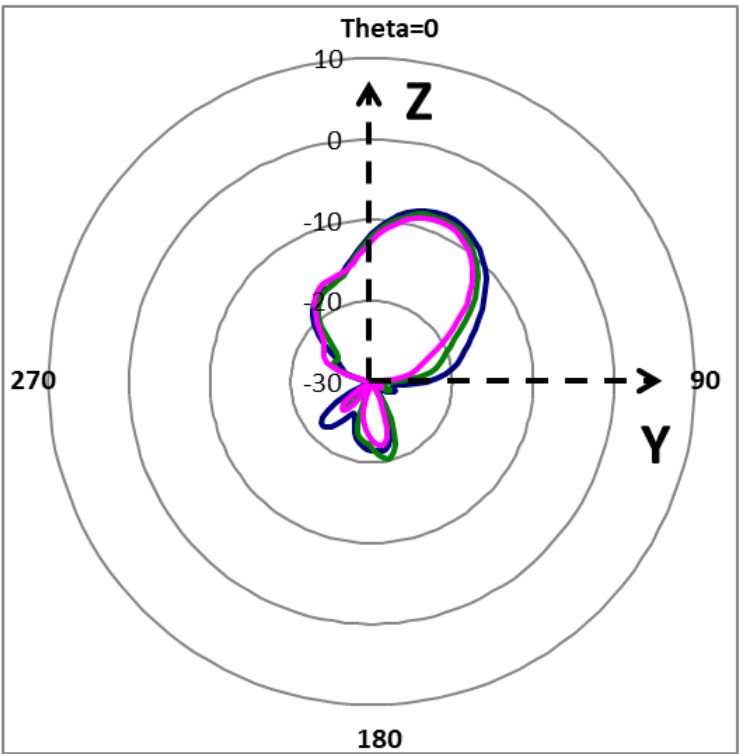


YZ_Pol._Phi_Ant.14



- 2401MHz_Gain_2.11
- 2452MHz_Gain_2.99
- 2484MHz_Gain_3.18

YZ_Pol._Theta_Ant.14



- 2401MHz_Gain_-7.53
- 2452MHz_Gain_-8.00
- 2484MHz_Gain_-8.44

Appendix_Radiated Total Gain Result

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

S150 (Theta,AzAngle)	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,AzAngle (°)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)	Response (dBi)																																																																																																																																																																																									
0	0.27	-1.03	-3.22	-5.46	-6.88	-5.38	-3.19	-3.52	-3.73	-4.08	-5.27	-7.37	-8.83	-12.25	-14.45	-14.58	-12.57	-10.42	-8.48	-7.07	-6.72	-7.43	-9.32	-10.82	-12.21	-13.38	-12.71	-11.46	-10.83	-10.02	-8.57	-7.19	-6.52	-6.74	-7.38	-7.38																																																																																																																																																																																									
5	0.27	-1.03	-3.18	-5.27	-6.48	-4.10	-3.08	-2.73	-2.89	-3.20	-4.07	-5.93	-8.38	-10.07	-10.74	-10.98	-10.93	-10.82	-9.98	-9.18	-8.88	-7.18	-9.56	-11.01	-13.01	-12.11	-12.12	-12.87	-11.47	-10.57	-9.83	-9.32	-7.12	-6.57	-6.83	-7.48	-7.38																																																																																																																																																																																								
10	0.27	-1.03	-3.11	-5.04	-5.13	-3.76	-2.72	-2.48	-2.48	-2.82	-3.82	-5.66	-8.31	-9.96	-10.13	-10.58	-10.74	-9.44	-8.87	-8.88	-7.07	-7.78	-10.93	-11.62	-12.41	-10.82	-11.56	-12.18	-11.42	-10.34	-9.20	-7.97	-6.98	-6.58	-6.93	-7.53	-7.38																																																																																																																																																																																								
15	0.27	-1.01	-3.01	-4.78	-4.83	-3.56	-2.57	-2.26	-2.33	-2.61	-3.46	-5.22	-7.32	-9.38	-9.56	-10.01	-9.86	-7.70	-7.44	-7.56	-5.14	-6.16	-10.80	-11.62	-11.13	-10.07	-10.97	-11.72	-11.32	-10.26	-9.08	-7.84	-6.82	-6.48	-7.03	-7.61	-7.38																																																																																																																																																																																								
20	0.27	-0.98	-2.88	-4.54	-4.59	-3.45	-2.55	-2.30	-2.38	-2.54	-3.04	-4.27	-5.85	-7.71	-8.00	-8.20	-8.00	-6.00	-5.23	-5.11	-5.28	-3.32	-5.07	-11.40	-11.19	-10.71	-10.74	-10.98	-11.08	-10.58	-9.79	-7.47	-6.88	-6.81	-7.14	-7.68	-7.38																																																																																																																																																																																								
25	0.27	-0.94	-2.75	-4.36	-4.42	-3.43	-2.63	-2.44	-2.53	-2.53	-3.22	-4.20	-5.88	-7.87	-8.08	-8.26	-8.06	-5.42	-4.87	-4.53	-4.88	-2.69	-5.07	-10.98	-12.43	-11.88	-10.19	-9.87	-10.58	-10.58	-9.90	-7.33	-6.88	-6.85	-7.26	-7.77	-7.38																																																																																																																																																																																								
30	0.27	-0.90	-2.61	-4.08	-4.21	-3.50	-2.88	-2.73	-2.58	-2.25	-2.28	-2.82	-3.53	-5.56	-6.87	-7.38	-7.88	-4.70	-4.68	-4.70	-4.36	-2.76	-5.05	-10.85	-14.88	-12.85	-9.37	-9.84	-10.07	-10.07	-9.20	-7.38	-6.81	-6.72	-7.39	-7.84	-7.38																																																																																																																																																																																								
35	0.27	-0.86	-2.46	-3.88	-4.25	-3.82	-3.00	-2.91	-2.88	-2.78	-2.18	-2.68	-3.41	-5.35	-6.38	-6.23	-6.54	-3.54	-4.34	-4.75	-4.56	-2.56	-5.18	-10.66	-17.62	-13.08	-8.87	-9.07	-9.27	-11.58	-9.82	-7.64	-6.83	-7.03	-7.82	-7.38																																																																																																																																																																																									
40	0.27	-0.79	-2.32	-3.72	-4.23	-3.88	-3.32	-3.25	-3.38	-3.23	-2.36	-3.38	-4.83	-6.05	-6.56	-6.08	-6.36	-1.62	-3.15	-4.10	-4.93	-6.19	-8.04	-11.62	-20.98	-14.53	-9.27	-9.26	-10.11	-12.18	-10.08	-7.73	-6.81	-6.96	-7.67	-7.98	-7.38																																																																																																																																																																																								
45	0.27	-0.73	-2.18	-3.57	-4.22	-3.88	-3.67	-3.72	-3.88	-3.98	-2.78	-3.48	-5.07	-6.01	-6.13	-6.96	-6.41	-0.87	-2.01	-3.53	-4.85	-6.27	-8.64	-10.51	-12.81	-17.52	-15.46	-10.57	-9.44	-11.19	-13.02	-10.78	-7.88	-6.96	-7.12	-7.82	-8.04	-7.38																																																																																																																																																																																							
50	0.27	-0.67	-2.05	-3.44	-4.28	-4.17	-4.08	-4.31	-4.77	-4.74	-3.38	-4.85	-5.80	-6.87	-7.71	-8.87	-9.17	-2.68	-4.08	-5.88	-7.47	-11.44	-11.88	-10.84	-12.07	-13.71	-12.18	-11.55	-11.88	-10.88	-10.46	-7.94	-7.85	-7.28	-7.86	-8.08	-7.38																																																																																																																																																																																								
55	0.27	-0.61	-1.93	-3.31	-4.15	-4.28	-4.48	-4.82	-4.80	-5.00	-4.88	-5.48	-6.28	-7.28	-8.18	-9.38	-9.88	-3.94	-4.78	-6.84	-8.87	-9.25	-11.73	-10.84	-11.36	-13.57	-14.46	-10.58	-14.14	-10.21	-7.84	-7.17	-7.43	-8.08	-8.13	-7.38																																																																																																																																																																																									
60	0.27	-0.55	-1.80	-3.17	-4.08	-4.28	-4.58	-5.38	-5.25	-5.62	-4.68	-5.07	-5.86	-6.47	-7.48	-8.12	-9.37	-2.75	-3.75	-6.28	-8.88	-9.58	-10.78	-11.58	-12.88	-14.88	-17.82	-17.82	-17.82	-13.78	-12.72	-7.63	-7.10	-7.55	-8.18	-8.13	-7.38																																																																																																																																																																																								
65	0.27	-0.48	-1.68	-3.03	-3.91	-4.14	-4.58	-5.48	-5.48	-5.48	-4.48	-4.88	-5.48	-6.13	-7.18	-7.82	-9.28	-2.68	-3.13	-5.58	-8.48	-9.48	-10.48	-11.48	-12.48	-15.01	-20.83	-18.48	-12.88	-11.77	-7.38	-7.86	-7.64	-8.27	-8.14	-7.38																																																																																																																																																																																									
70	0.27	-0.41	-1.56	-2.88	-3.71	-3.88	-4.15	-5.08	-4.84	-5.56	-4.44	-4.38	-5.18	-5.56	-6.76	-7.44	-8.82	-4.85	-5.58	-6.43	-8.87	-9.87	-10.87	-11.87	-12.87	-15.82	-20.83	-16.88	-11.74	-8.47	-7.84	-7.88	-7.88	-8.38	-8.15	-7.38																																																																																																																																																																																									
75	0.27	-0.35	-1.44	-2.70	-3.58	-3.88	-4.08	-4.88	-4.88	-5.08	-4.88	-5.08	-5.88	-6.28	-7.48	-8.18	-9.28	-3.21	-3.75	-6.14	-8.88	-9.88	-10.88	-11.88	-12.88	-15.87	-21.81	-14.82	-10.88	-7.84	-7.78	-7.98	-8.28	-8.13	-7.38																																																																																																																																																																																										
80	0.27	-0.28	-1.32	-2.51	-3.17	-3.18	-3.88	-4.88	-4.88	-5.18	-4.88	-5.18	-6.18	-6.58	-7.88	-8.58	-9.68	-2.18	-3.18	-5.88	-8.88	-9.88	-10.88	-11.88	-12.88	-15.88	-21.88	-15.15	-12.88	-9.17	-7.24	-6.81	-6.96	-7.68	-8.23	-8.08	-7.38																																																																																																																																																																																								
85	0.27	-0.22	-1.19	-2.28	-2.88	-2.88	-3.44	-4.53	-4.53	-4.87	-4.38	-5.37	-6.37	-6.77	-7.38	-8.68	-9.38	-1.18	-2.67	-4.03	-6.11	-8.88	-9.84	-10.84	-11.84	-12.84	-15.84	-21.84	-17.55	-12.98	-7.91	-6.88	-6.58	-6.98	-7.65	-8.13	-8.03	-7.38																																																																																																																																																																																							
90	0.27	-0.15	-1.06	-2.08	-2.53	-2.51	-3.84	-4.78	-4.68	-4.68	-4.18	-5.18	-6.18	-6.58	-7.18	-8.48	-9.18	-0.82	-2.53	-3.38	-5.82	-8.88	-9.88	-10.88	-11.88	-12.88	-15.88	-21.88	-18.88	-12.88	-6.81	-6.28	-6.48	-7.04	-7.53	-8.00	-7.38																																																																																																																																																																																								
95	0.27	-0.09	-0.92	-1.81	-2.18	-1.94	-3.52	-4.23	-4.95	-4.41	0.15	0.37	0.17	0.12	0.43	0.34	0.74	-2.22	-2.84	-3.34	-5.18	-6.22	-8.85	-9.84	-10.84	-11.84	-12.84	-13.84	-15.84	-16.84	-12.84	-6.84	-6.85	-6.48	-7.11	-7.58	-7.84	-7.38																																																																																																																																																																																							
100	0.27	-0.03	-0.78	-1.56	-1.88	-1.87	-3.18	-4.03	-4.84	-4.18	0.18	0.47	0.48	0.48	0.58	0.58	0.58	-1.84	-2.44	-3.13	-5.38	-6.85	-8.88	-9.88	-10.88	-11.88	-12.88	-13.88	-14.88	-15.88	-16.88	-12.88	-6.88	-6.87	-7.17	-7.38	-7.67	-7.88	-7.38																																																																																																																																																																																						
105	0.27	0.03	-0.65	-1.28	-1.41	-1.17	-2.85	-3.67	-4.18	0.38	0.87	0.88	0.85	0.57	0.94	0.71	-0.48	-1.78	-1.18	-3.02	-5.48	-6.82	-8.83	-9.88	-10.88	-11.88	-12.88	-13.88	-14.88	-15.88	-16.88	-12.88	-6.88	-6.71	-6.71	-7.22	-7.25	-7.48	-7.78	-7.38																																																																																																																																																																																					
110	0.27	0.09	-0.51	-1.01	-0.98	-0.78	-2.58	-3.37	-4.07	0.48	0.92	0.83	0.40	0.42	0.88	0.68	-0.52	-1.78	-1.23	-3.02	-5.86	-6.98	-8.78	-9.87	-10.87	-11.87	-12.87	-13.87	-14.87	-15.87	-16.87	-12.87	-6.87	-6.47	-6.87	-7.23	-7.17	-7.38	-7.61	-7.38																																																																																																																																																																																					
115	0.27	0.15	-0.39	-0.74	-0.58	-0.24	-1.11	-0.14	-0.01	0.48	0.84	0.83	0.09	0.15	0.88	0.51	-0.74	-1.85	-2.25	-3.18	-6.87	-8.78	-9.88	-10.88	-11.88	-12.88	-13.88	-14.88	-15.88	-16.88	-12.88	-6.88	-6.47	-6.21	-6.12	-7.01	-7.27	-6.97	-7.13	-7.53	-7.38																																																																																																																																																																																				
120	0.27	0.20	-0.27	-0.58	-0.18	0.24	0.33	0.16	0.17	0.53	0.75	0.78	-0.23	-0.15	0.42	0.19	-1.15	-2.28	-2.48	-3.37	-5.91	-8.81	-9.81	-10.81	-11.81	-12.81	-13.81	-14.81	-15.81	-16.81	-12.81	-6.81	-6.18	-6.18	-6.28	-7.08	-7.42	-6.98	-7.42	-7.38																																																																																																																																																																																					
125	0.27	0.25	-0.17	-0.28	0.18	0.70	0.79	0.53	0.42	0.68	0.74	0.22	-0.48	-0.36	0.18	-0.18	-1.53	-2.14	-2.68	-3.63	-6.19	-8.88	-9.88	-10.88	-11.88	-12.88	-13.88	-14.88	-15.88	-16.88	-12.88	-6.88	-6.17	-6.17	-6.28	-7.08	-7.12	-6.78	-6.85	-7.38																																																																																																																																																																																					
130	0.27	0.29	-0.08	-0.11	0.48	1.18	1.23	0.82	0.74	0.88	0.83	0.28	-0.48	-0.38	0.08	-0.68	-1.78	-2.57	-2.87	-3.67	-6.33	-7.84	-9.78	-11.74	-13.74	-15.74	-17.74	-19.74	-21.74	-23.74	-25.74	-27.74	-29.74	-31.74	-33.74	-35.74	-37.74	-39.74	-41.74	-43.74	-45.74	-47.74	-49.74	-51.74	-53.74	-55.74	-57.74	-59.74	-61.74	-63.74	-65.74	-67.74	-69.74	-71.74	-73.74	-75.74	-77.74	-79.74	-81.74	-83.74	-85.74	-87.74	-89.74	-91.74	-93.74	-95.74	-97.74	-99.74	-101.74	-103.74	-105.74	-107.74	-109.74	-111.74	-113.74	-115.74	-117.74	-119.74	-121.74	-123.74	-125.74	-127.74	-129.74	-131.74	-133.74	-135.74	-137.74	-139.74	-141.74	-143.74	-145.74	-147.74	-149.74	-151.74	-153.74	-155.74	-157.74	-159.74	-161.74	-163.74	-165.74	-167.74	-169.74	-171.74	-173.74	-175.74	-177.74	-179.74	-181.74	-183.74	-185.74	-187.74	-189.74	-191.74	-193.74	-195.74	-197.74	-199.74	-201.74	-203.74	-205.74	-207.74	-209.74	-211.74	-213.74	-215.74	-217.74	-219.74	-221.74	-223.74	-225.74	-227.74	-229.74	-231.74	-233.74	-235.74	-237.74	-239.74	-241.74	-243.74	-245.74	-247.74	-249.74	-251.74	-253.74	-255.74	-257.74	-259.74	-261.74	-263.74	-265.74	-267.74	-269.74	-271.74	-273.74	-275.74	-277.74	-279.74	-281.74	-283.74	-285.74	-287.74	-289.74	-291.74	-293.74	-295.74	-297.74	-299.74	-301.74	-303.74	-305.74	-307.74	-309.74	-311.74	-313.74	-315.74	-317.74	-319.74	-321.74	-323.74	-325.74	-327.74	-329.74	-331.74	-333.74	-335.74	-337.74	-339.74	-341.74	-343.74	-345.74	-347.74	-349.74	-351.74	-353.74	-355.74	-357.74	-359.74	-361.74	-363.74	-365.74	-367.74	-369.74	-371.74	-373.74	-375.74	-377.74	-379.74	-381.74	-383.74	-385.74	-387.74	-389.74	-391.74	-393.74	-395.74	-397.74	-399.74	-401.74	-403.74	-40

5895-Theta(Angle)		0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180
Phi(Angle)	Theta(Angle)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)
0	1.23	0.07	-1.64	-2.73	-2.68	-1.44	0.51	-0.01	-0.27	-0.62	-1.06	-1.25	-2.16	-4.26	-7.41	-10.34	-11.82	-13.38	-13.58	-11.80	-11.14	-12.56	-13.26	-11.17	-10.22	-11.48	-14.30	-14.06	-12.69	-12.24	-11.24	-9.47	-8.25	-6.07	-4.63	-3.10	-1.42	
5	1.23	0.07	-1.58	-2.57	-2.47	-1.54	0.53	0.06	-0.23	-0.70	-1.12	-1.62	-2.67	-4.80	-7.97	-11.01	-11.88	-12.46	-14.08	-12.00	-11.24	-12.60	-13.30	-11.41	-10.32	-11.73	-13.33	-13.26	-12.32	-11.79	-10.88	-8.66	-7.38	-5.06	-3.76	-2.16	-0.48	
10	1.23	0.07	-1.52	-2.46	-2.36	-1.60	0.55	0.12	-0.20	-0.76	-1.16	-1.66	-2.72	-4.86	-7.97	-11.04	-11.79	-12.37	-14.00	-12.00	-11.24	-12.60	-13.30	-11.41	-10.32	-11.73	-13.33	-13.26	-12.32	-11.79	-10.88	-8.66	-7.38	-5.06	-3.76	-2.16	-0.48	
15	1.23	0.02	-1.37	-2.11	-1.96	-1.33	0.75	0.05	-0.05	-0.64	-1.24	-2.06	-3.27	-4.85	-6.77	-7.80	-8.23	-9.78	-10.02	-10.20	-10.20	-10.20	-10.20	-10.20	-10.20	-10.20	-10.20	-10.20	-10.20	-10.20	-10.20	-10.20	-10.20	-10.20	-10.20	-10.20	-10.20	-10.20
20	1.23	0.02	-1.23	-1.68	-1.74	-1.29	0.99	-1.03	-1.22	-1.35	-1.58	-2.15	-2.93	-4.40	-5.48	-6.40	-7.38	-7.44	-8.40	-8.40	-8.40	-8.40	-8.40	-8.40	-8.40	-8.40	-8.40	-8.40	-8.40	-8.40	-8.40	-8.40	-8.40	-8.40	-8.40	-8.40	-8.40	-8.40
25	1.23	0.07	-1.08	-1.63	-1.57	-1.34	1.32	-1.63	-1.98	-2.12	-1.98	-2.12	-2.30	-2.60	-2.43	-1.83	-1.27	-1.46	-2.27	-2.68	-2.52	-1.33	-0.72	-0.59	-1.33	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63
30	1.23	0.12	-0.93	-1.42	-1.47	-1.40	1.78	-2.33	-2.83	-2.93	-2.81	-2.53	-2.30	-1.91	-1.27	-0.46	-1.46	-2.08	-2.21	-1.28	-0.47	-0.11	-1.08	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63	-1.63
35	1.23	0.24	-0.76	-1.20	-1.26	-1.29	2.31	-2.71	-3.33	-3.26	-2.93	-2.30	-1.46	-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	-0.46	-0.46	-0.46	-0.46
40	1.23	0.26	-0.60	-1.06	-1.40	-2.00	3.26	-3.07	-3.46	-3.26	-2.71	-1.98	-0.87	-0.54	-0.46	-0.54	-0.87	-1.37	-1.32	-0.34	-0.76	-0.99	-1.33	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68	-1.68
45	1.23	0.33	-0.44	-0.90	-1.38	-2.20	3.40	-2.48	-3.46	-4.47	-4.58	-4.00	-3.46	-3.44	-3.30	-2.13	-1.18	-1.50	-2.99	-3.41	-3.08	-2.45	-2.42	-3.08	-3.68	-3.72	-3.68	-3.72	-3.68	-3.72	-3.68	-3.72	-3.68	-3.72	-3.68	-3.72	-3.68	-3.72
50	1.23	0.41	-0.28	-0.73	-1.33	-2.39	3.79	-2.68	-3.79	-4.66	-4.76	-4.02	-3.13	-3.09	-2.88	-2.52	-1.52	-2.06	-3.64	-4.94	-3.64	-2.94	-1.46	-1.11	-0.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	
55	1.23	0.48	-0.12	-0.56	-1.33	-2.76	4.05	-2.47	-4.34	-4.76	-4.76	-4.05	-3.12	-3.09	-2.88	-2.52	-1.52	-2.06	-3.64	-4.94	-3.64	-2.94	-1.46	-1.11	-0.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38
60	1.23	0.56	0.04	-0.34	-0.50	-2.00	3.31	-2.85	-3.77	-3.78	-3.53	-3.31	-3.08	-3.02	-2.80	-2.00	-2.00	-2.00	-3.48	-5.75	-4.48	-3.97	-3.19	-2.63	-2.65	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64	-2.64
65	1.23	0.66	0.20	-0.12	-0.56	-2.40	2.68	-3.13	-3.13	-3.18	-2.98	-2.90	-3.41	-3.47	-3.54	-2.68	-2.90	-3.41	-4.72	-5.33	-4.78	-4.12	-3.16	-2.64	-2.73	-2.72	-2.72	-2.72	-2.72	-2.72	-2.72	-2.72	-2.72	-2.72	-2.72	-2.72	-2.72	-2.72
70	1.23	0.75	0.35	0.11	-0.20	-0.48	1.73	-2.30	-2.46	-2.53	-2.40	-2.40	-3.15	-2.95	-3.12	-2.47	-3.40	-4.00	-4.75	-4.94	-4.95	-4.95	-4.94	-4.94	-4.94	-4.94	-4.94	-4.94	-4.94	-4.94	-4.94	-4.94	-4.94	-4.94	-4.94	-4.94	-4.94	-4.94
75	1.23	0.83	0.51	0.34	0.21	-0.15	0.03	-1.43	-1.76	-1.87	-1.74	-1.82	-2.50	-2.51	-2.77	-2.13	-3.28	-3.11	-3.53	-3.98	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04	-4.04
80	1.23	0.92	0.67	0.50	0.40	0.00	0.00	-1.26	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	
85	1.23	1.00	0.81	0.79	0.66	0.14	0.07	0.19	-0.43	-0.73	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	-0.66	
90	1.23	1.09	0.95	1.00	1.27	1.48	1.36	0.82	0.12	-0.24	-0.24	-0.23	-0.57	-0.84	-0.77	-0.88	-0.27	-1.44	-1.08	-1.53	-1.07	-1.46	-1.11	-1.40	-1.17	-1.46	-1.17	-1.46	-1.17	-1.46	-1.17	-1.46	-1.17	-1.46	-1.17	-1.46	-1.17	
95	1.23	1.17	1.09	1.18	1.52	1.84	1.81	1.32	0.62	0.18	0.17	0.15	0.20	0.65	0.98	-1.06	-0.91	-3.87	-4.30	-5.41	-4.28	-5.18	-4.28	-5.18	-4.28	-5.18	-4.28	-5.18	-4.28	-5.18	-4.28	-5.18	-4.28	-5.18	-4.28	-5.18	-4.28	
100	1.23	1.26	1.22	1.36	1.73	2.10	2.14	1.39	1.11	0.71	0.62	0.49	0.81	1.60	1.18	-1.96	-3.13	-4.44	-5.18	-6.06	-5.18	-6.06	-5.18	-6.06	-5.18	-6.06	-5.18	-6.06	-5.18	-6.06	-5.18	-6.06	-5.18	-6.06	-5.18	-6.06	-5.18	
105	1.23	1.34	1.51	1.98	2.39	2.80	2.88	1.61	1.39	1.12	0.75	0.87	0.71	1.46	-2.78	-3.28	-4.38	-5.18	-6.06	-5.18	-6.06	-5.18	-6.06	-5.18	-6.06	-5.18	-6.06	-5.18	-6.06	-5.18	-6.06	-5.18	-6.06	-5.18	-6.06	-5.18	-6.06	
110	1.23	1.40	1.47	1.66	2.26	2.66	2.99	2.40	1.88	1.60	0.98	0.81	0.98	-1.73	-2.42	-3.36	-4.35	-5.32	-6.78	-5.98	-6.98	-5.98	-6.98	-5.98	-6.98	-5.98	-6.98	-5.98	-6.98	-5.98	-6.98	-5.98	-6.98	-5.98	-6.98	-5.98	-6.98	
115	1.23	1.47	1.58	1.80	2.81	2.81	2.79	2.70	2.53	2.38	2.01	1.15	0.12	-0.35	-1.15	-2.78	-3.58	-4.40	-5.31	-6.62	-6.35	-6.28	-6.88	-6.35	-6.88	-6.35	-6.88	-6.35	-6.88	-6.35	-6.88	-6.35	-6.88	-6.35	-6.88	-6.35	-6.88	
120	1.23	1.54	1.70	1.94	2.36	2.79	2.99	2.79	2.89	2.76	2.30	1.27	0.22	-0.40	-1.53	-3.08	-4.40	-5.08	-6.24	-5.08	-6.24	-5.08	-6.24	-5.08	-6.24	-5.08	-6.24	-5.08	-6.24	-5.08	-6.24	-5.08	-6.24	-5.08	-6.24	-5.08	-6.24	
125	1.23	1.60	1.80	2.00	2.39	2.81	3.07	2.81	3.07	2.81	2.39	1.37	0.35	0.10	-0.40	-1.53	-3.08	-4.40	-5.08	-6.24	-5.08	-6.24	-5.08	-6.24	-5.08	-6.24	-5.08	-6.24	-5.08	-6.24	-5.08	-6.24	-5.08	-6.24	-5.08	-6.24	-5.08	
130	1.23	1.66	1.91	2.23	2.70	3.17	3.44	3.42	3.32	3.18	2.75	1.81	0.57	-0.62	-1.53	-2.93	-2.68	-2.96	-3.61	-4.68	-2.93	-4.58	-3.72	-5.38	-4.58	-3.72	-5.38	-4.58	-3.72	-5.38	-4.58	-3.72	-5.38	-4.58	-3.72	-5.38	-4.58	-3.72
135	1.23	1.72	2.00	2.36	2.92	3.47	3.82	3.59	3.44	3.32	3.05	2.40	1.46	0.40	-0.38	-1.06	-1.48	-1.91	-2.68	-3.70	-4.15	-3.48	-2.88	-2.54	-3.25	-4.48	-4.28	-3.70	-4.88	-4.72	-4.58	-4.72	-4.58	-4.72	-4.58	-4.72		
140	1.23	1.77	2.09	2.49	3.04	3.56	3.80	3.72	3.52	3.46	3.38	3.01	2.83	1.43	0.63	-0.06	-0.55	-1.14	-1.86	-2.90	-4.22	-3.99	-2.24	-3.98	-2.57	-3.96	-2.72	-4.70	-4.28	-4.80	-4.72	-4.58	-4.72	-4.58	-4.72	-4.58		
145	1.23	1.82	2.16	2.60	3.18	3.70	3.95	3.80	3.59	3.52	3.37	3.00	2.85	1.52	1.53	0.84	0.17	-0.08	-1.58	-2.46	-3.11	-2.98	-2.26	-4.18	-2.98	-4.18	-2.98	-4.18	-2.98	-4.18	-2.98	-4.18	-2.98	-4.18	-2.98	-4.18		
150	1.23	1.87	2.25	2.89	3.38	3.90	3.99	3.81	3.57	3.55	3.37	3.13	2.95	1.58	1.66	0.40	-0.30	-1.20	-2.10	-3.23	-2.48	-3.02	-2.48	-3.02	-2.48	-3.02	-2.48	-3.02	-2.48	-3.02	-2.48	-3.02	-2.48	-3.02	-2.48	-3.02	-2.48	
155	1.23	1.91	2.31	2.77	3.36	3.95	3.99	3.70	3.56	3.70	3.56	3.37	3.34	2.88	2.60	1.10	1.11	0.03	-0.97	-1.97	-3.05	-2.40	-3.71	-4.88	-3.94	-4.58	-3.94	-4.58	-3.94	-4.58	-3.94	-4.58	-3.94	-4.58	-3.94	-4.58		
160	1.23	1.94	2.36	2.81	3.38	3.94	3.95	3.74	3.58	3.81	4.00	3.87	3.25	3.08	3.61	1.66	0.03	-1.51	-2.79	-2.88	-1.91	-3.34	-1.72	-3.88	-4.00	-4.66	-3.34	-4.52	-3.98	-4.90	-4.78	-4.60	-4.78	-4.60	-4.78			
165	1.23	1.97	2.40	2.84	3.37	3.79	3.88	3.73	3.71	4.02	4.31	4.28	4.00	3.84	3.68	3.19	2.41	1.82	-0.98	-0.71	-1.98</																	

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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	-1.45	-1.47	-0.82	0.45	1.41	2.10	2.62	3.00	3.27	3.52	3.73	3.81	3.82	3.21	2.77	2.59	2.56	2.60	0.32	-0.24	-0.81	-1.61	-2.47	-3.22	-3.17	-1.17	-0.84	-0.01	-0.70	0.26	-1.22	-0.43	-0.12	-0.14	-0.25	-0.14	-0.25	-0.10
5	-1.45	-1.82	-0.89	0.38	1.24	1.73	2.11	2.47	2.84	3.20	3.40	3.38	3.30	2.41	1.86	1.62	1.65	1.75	1.25	-0.32	-1.19	-2.18	-3.08	-3.80	-4.08	-3.58	-4.00	-3.01	-2.46	-0.89	1.10	-0.25	-0.17	-0.23	-0.10	-0.23	-0.10	
10	-1.45	-1.82	-1.20	-0.18	0.40	1.01	1.29	1.57	1.82	2.05	2.23	2.35	2.40	1.40	0.78	0.52	0.58	0.65	0.72	0.78	-0.18	-1.05	-1.94	-2.73	-3.38	-3.87	-4.17	-3.97	-3.14	-1.97	0.40	-0.10	-0.07	-0.10	-0.07	-0.10	-0.07	
15	-1.45	-1.30	-1.34	-0.18	0.76	0.74	0.95	0.84	1.00	1.00	1.00	1.00	0.98	0.88	-0.30	-1.14	-0.74	-0.70	-0.50	-0.28	-0.27	-0.83	-1.73	-2.52	-3.06	-3.34	-3.40	-3.08	-2.11	-0.82	-0.33	-0.14	-0.10	-0.11	-0.10	-0.11	-0.10	
20	-1.45	-1.30	-1.13	0.08	0.62	0.24	-0.28	-0.56	-0.29	0.32	0.59	0.10	-0.10	-0.22	-0.54	-1.05	-1.42	-1.83	-2.01	-2.03	-1.05	-1.19	-2.09	-2.88	-3.40	-3.68	-3.68	-3.40	-2.88	-2.09	-1.42	-0.99	-0.71	-0.17	-0.11	-0.11	-0.10	
25	-1.45	-1.30	-1.22	-0.07	0.33	-0.14	-1.01	-1.07	-1.55	-0.79	-0.43	-0.72	-1.09	-0.77	-2.04	-2.26	-1.97	-2.65	-4.20	-4.79	-4.80	-3.16	-1.15	-1.00	-0.49	-0.40	-0.06	-0.74	-2.68	-0.77	-0.17	-0.08	-0.08	-0.09	-0.10	-0.10	-0.10	
30	-1.45	-1.24	-1.31	-0.16	0.25	-0.33	-1.30	-1.22	-2.39	-1.57	-0.91	-1.66	-1.80	-1.40	-2.47	-2.41	-2.52	-2.74	-3.55	-4.49	-4.40	-3.02	-0.93	-1.01	-1.00	-0.74	-0.44	-0.35	-0.72	-0.46	-0.07	-0.07	-0.08	-0.08	-0.10	-0.10	-0.10	
35	-1.45	-1.24	-1.30	-0.16	0.25	-0.33	-1.30	-1.22	-2.39	-1.57	-0.91	-1.66	-1.80	-1.40	-2.47	-2.41	-2.52	-2.74	-3.55	-4.49	-4.40	-3.02	-0.93	-1.01	-1.00	-0.74	-0.44	-0.35	-0.72	-0.46	-0.07	-0.07	-0.08	-0.08	-0.10	-0.10	-0.10	
40	-1.45	-1.20	-1.47	-0.37	0.19	-0.09	-0.96	-1.08	-1.21	-1.85	-1.36	-1.18	-1.34	-1.34	-1.71	-2.33	-2.68	-4.48	-5.69	-6.41	-6.46	-4.56	-2.69	-0.85	-0.47	-0.55	-1.22	-0.66	-0.74	-1.13	-0.82	-0.40	-0.09	-0.09	-0.10	-0.10	-0.10	
45	-1.45	-1.20	-1.56	-0.40	0.23	0.23	-0.28	-0.96	-1.52	-1.71	-1.83	-1.60	-1.77	-2.21	-2.30	-4.12	-5.41	-6.63	-7.37	-7.44	-7.40	-5.32	-3.02	-0.92	-0.28	-0.44	-1.22	-0.66	-0.74	-1.13	-0.82	-0.40	-0.09	-0.09	-0.10	-0.10	-0.10	
50	-1.45	-1.24	-1.56	-0.40	0.32	0.32	0.28	-0.32	-1.05	-1.21	-1.85	-1.31	-1.48	-1.20	-2.73	-4.00	-5.00	-5.71	-6.79	-7.11	-6.79	-4.79	-2.69	-0.85	-0.47	-0.55	-1.22	-0.66	-0.74	-1.13	-0.82	-0.40	-0.09	-0.09	-0.10	-0.10	-0.10	
55	-1.45	-1.24	-1.56	-0.40	0.32	0.32	0.28	-0.32	-1.05	-1.21	-1.85	-1.31	-1.48	-1.20	-2.73	-4.00	-5.00	-5.71	-6.79	-7.11	-6.79	-4.79	-2.69	-0.85	-0.47	-0.55	-1.22	-0.66	-0.74	-1.13	-0.82	-0.40	-0.09	-0.09	-0.10	-0.10	-0.10	
60	-1.45	-1.35	-1.51	-0.46	0.32	0.53	1.04	1.00	0.40	-0.58	-0.75	-0.86	-0.82	-0.83	-0.46	-0.95	-0.70	-0.63	-0.61	-0.44	-0.34	-0.25	-0.42	-0.28	-0.40	-0.42	-0.28	-0.40	-0.42	-0.28	-0.40	-0.42	-0.28	-0.40	-0.42	-0.28		
65	-1.45	-1.38	-1.42	-0.37	0.65	1.25	1.25	0.63	-0.40	-1.72	-2.76	-3.33	-3.82	-4.41	-5.21	-6.28	-7.28	-7.79	-7.58	-7.13	-7.12	-7.43	-7.43	-7.39	-7.31	-6.80	-6.16	-5.06	-3.62	-2.51	-1.41	-0.88	-0.36	-0.40	-0.36	-0.40		
70	-1.45	-1.40	-1.28	-0.22	0.82	1.46	1.40	0.84	-0.31	-1.54	-2.54	-3.08	-3.48	-4.04	-4.78	-5.68	-6.42	-6.88	-6.56	-6.22	-6.48	-6.18	-5.66	-4.86	-3.96	-3.06	-2.06	-1.06	-0.46	-0.79	-0.36	-0.46	-0.36	-0.46	-0.36	-0.46		
75	-1.45	-1.30	-1.11	-0.03	1.13	1.71	1.71	1.15	0.01	-1.17	-2.12	-2.62	-3.02	-3.58	-4.24	-5.04	-5.82	-6.28	-5.96	-5.57	-5.71	-5.25	-4.54	-3.64	-2.64	-1.64	-0.64	-0.36	-0.74	-0.74	-0.46	-0.36	-0.74	-0.74	-0.46	-0.36		
80	-1.45	-1.10	-0.81	0.20	1.34	2.04	2.04	1.34	-0.24	-1.42	-2.36	-2.86	-3.26	-3.82	-4.46	-5.14	-5.82	-6.22	-5.82	-5.34	-5.26	-4.64	-3.86	-2.96	-1.96	-0.96	-0.46	-0.84	-0.84	-0.46	-0.46	-0.84	-0.84	-0.46	-0.46	-0.84		
85	-1.45	-1.00	-0.65	0.02	1.62	2.38	2.38	1.62	-0.77	-1.24	-2.18	-2.68	-3.08	-3.74	-4.42	-5.10	-5.78	-6.18	-5.78	-5.30	-5.04	-4.42	-3.64	-2.74	-1.74	-0.74	-0.42	-0.82	-0.82	-0.42	-0.42	-0.82	-0.82	-0.42	-0.42	-0.82		
90	-1.45	-1.34	-0.38	0.85	1.97	2.77	2.77	1.97	2.79	2.80	0.82	-0.42	-1.00	-2.46	-2.74	-2.25	-1.54	-1.00	-0.82	-0.67	-0.86	-1.37	-2.26	-3.48	-4.68	-5.68	-6.48	-7.14	-6.74	-6.08	-4.15	-2.77	-0.87	-0.83	-0.31	-0.22		
95	-1.45	-1.21	-0.10	1.20	2.33	3.15	3.15	2.33	3.18	2.72	1.71	0.42	-0.98	-2.49	-3.10	-2.54	-1.63	-1.28	-1.00	-0.77	-0.85	-1.38	-2.48	-3.68	-4.88	-5.78	-6.58	-7.28	-6.88	-6.22	-4.38	-2.82	-0.94	-0.47	-0.25	-0.30		
100	-1.45	-1.05	0.18	1.57	2.77	3.45	3.45	1.57	2.77	2.15	0.82	-0.36	-1.10	-2.62	-3.23	-2.66	-1.66	-1.28	-1.00	-0.77	-0.85	-1.38	-2.48	-3.68	-4.88	-5.78	-6.58	-7.28	-6.88	-6.22	-4.38	-2.82	-0.94	-0.47	-0.25	-0.30		
105	-1.45	-0.84	0.45	1.87	2.97	3.77	3.77	0.45	1.19	1.77	2.99	3.84	3.34	-0.33	-0.21	-0.85	-1.38	-1.98	-1.77	-1.48	-1.23	-1.48	-2.48	-3.68	-4.88	-5.78	-6.58	-7.28	-6.88	-6.22	-4.38	-2.82	-0.94	-0.47	-0.25	-0.30		
110	-1.45	-0.61	0.71	2.17	3.25	3.96	3.96	0.71	2.35	3.44	4.35	4.02	-0.68	-0.75	-0.35	-1.34	-2.28	-2.10	-1.88	-1.61	-1.34	-2.04	-3.42	-4.62	-5.62	-6.42	-7.12	-6.72	-6.02	-4.12	-2.62	-0.92	-0.39	-0.39	-0.22	-0.30		
115	-1.45	-0.68	0.84	2.44	3.47	4.09	4.09	0.84	2.47	3.46	4.35	4.05	-0.36	-0.43	-0.10	-1.33	-2.21	-2.46	-2.34	-2.06	-1.84	-2.54	-3.64	-4.64	-5.44	-6.14	-6.74	-6.34	-5.64	-3.74	-2.24	-0.84	-0.34	-0.34	-0.22	-0.30		
120	-1.45	-0.55	1.16	2.68	3.66	4.15	4.15	1.16	2.68	3.63	4.33	4.03	-0.24	-0.29	-0.09	-1.27	-1.66	-2.02	-2.22	-2.08	-1.79	-2.49	-3.59	-4.59	-5.39	-6.09	-6.79	-6.39	-5.69	-3.79	-2.29	-0.89	-0.39	-0.39	-0.22	-0.30		
125	-1.45	-0.46	1.30	2.84	3.74	4.21	4.21	1.30	2.84	3.71	4.32	4.02	-0.16	-0.19	-0.07	-1.18	-1.56	-1.92	-2.12	-2.00	-1.71	-2.41	-3.51	-4.51	-5.31	-6.01	-6.71	-6.31	-5.61	-3.71	-2.21	-0.81	-0.31	-0.31	-0.22	-0.30		
130	-1.45	-0.36	1.50	3.04	3.91	4.38	4.38	1.50	3.04	3.90	4.37	4.07	-0.10	-0.13	-0.04	-1.09	-1.46	-1.82	-2.02	-1.90	-1.61	-2.31	-3.41	-4.41	-5.21	-5.91	-6.61	-6.21	-5.51	-3.61	-2.11	-0.71	-0.21	-0.21	-0.22	-0.30		
135	-1.45	-0.28	1.63	3.17	3.99	4.47	4.47	1.63	3.17	3.96	4.35	4.06	-0.11	-0.14	-0.05	-1.02	-1.39	-1.75	-1.95	-1.83	-1.54	-2.24	-3.34	-4.34	-5.14	-5.84	-6.54	-6.14	-5.44	-3.54	-2.04	-0.64	-0.14	-0.14	-0.22	-0.30		
140	-1.45	-0.21	1.73	3.28	4.03	4.51	4.51	1.73	3.28	4.03	4.44	4.06	-0.14	-0.17	-0.06	-0.93	-1.30	-1.66	-1.86	-1.74	-1.45	-2.15	-3.25	-4.25	-5.05	-5.75	-6.45	-6.05	-5.35	-3.45	-1.95	-0.55	-0.05	-0.05	-0.22	-0.30		
145	-1.45	-0.15	1.79	3.30	4.03	4.49	4.49	1.79	3.30	4.03	4.42	4.06	-0.17	-0.19	-0.08	-0.83	-1.20	-1.56	-1.76	-1.64	-1.35	-2.05	-3.15	-4.15	-4.95	-5.65	-6.35	-5.95	-5.25	-3.35	-1.85	-0.45	-0.05	-0.05	-0.22	-0.30		
150	-1.45	-0.10	1.80	3.34	4.06	4.49	4.49	1.80	3.34	4.06	4.42	4.06	-0.19	-0.21	-0.09	-0.73	-1.10	-1.46	-1.66	-1.54	-1.25	-1.95	-3.05	-4.05	-4.85	-5.55	-6.25	-5.85	-5.15	-3.25	-1.75	-0.35	-0.05	-0.05	-0.22	-0.30		
155	-1.45	-0.08	1.83	3.25	3.88	4.34	4.34	1.83	3.25	3.88	4.34	4.06	-0.22	-0.24	-0.10	-0.63	-1.01	-1.42	-1.62	-1.50	-1.21	-1.91	-3.01	-4.01	-4.81	-5.51	-6.21	-5.81	-5.11	-3.21	-1.71	-0.31	-0.01	-0.01	-0.22	-0.30		
160	-1.45	-0.08	1.80	3.16	3.72	3.82	3.82	1.80	3.16	3.72	3.82	4.06	-0.14	-0.16	-0.08	-0.76	-1.14	-1.52	-1.72	-1.60	-1.31	-2.01	-3.11	-4.11	-4.91	-5.61	-6.31	-5.91	-5.21	-3.31	-1.81	-0.41	-0.01	-0.01	-0.22	-0.30		
165	-1.45	-0.06	1.74	3.03	3.50	3.34	3.34	1.74	3.03	3.50	3.34	4.06	-0.18	-0.19	-0.09	-0.84	-1.22	-1.60	-1.80	-1.68	-1.39	-2.09	-3.19	-4.19	-4.99	-5.69	-6.39	-5.99	-5.29	-3.39	-1.89	-0.49	-0.09	-0.09	-0.22	-0.30		
170	-1.45	-0.06	1.66	2.84	3.24	3.14	3.14	1.66	2.84	3.24	3.14	4.06	-0.22	-0.23	-0.10	-0.90	-1.28	-1.66	-1.86	-1.74	-1.45	-2.15	-3.25	-4.25	-5.05	-5.75	-6.45	-6.05	-5.35	-3.45	-1.95	-						

Time (Hours)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180
Ph.Anc	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response
0	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
5	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
10	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
15	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
20	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
25	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
30	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
35	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
40	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
45	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
50	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
55	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
60	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
65	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
70	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
75	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
80	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
85	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
90	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
95	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
100	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
105	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
110	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
115	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
120	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
125	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
130	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
135	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
140	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
145	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
150	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
155	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
160	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
165	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
170	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
175	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0
180	-11.1	-6.7	-5.6	-3.4	-1.4	0.0	1.4	2.4	3.2	3.8	4.2	4.7	4.6	4.5	3.5	2.2	1.0	1.6	0.2	-2.2	-4.5	-4.7	-7.7	-12.5	-10.1	-9.5	-11.1	-6.2	-7.8	-4.7	-12.0	-13.1	-12.3	-11.1	-10.7	-11.9	-12.0

Regulatory WIFI Antenna Information 60/98

Phenotype	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	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	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	140	145	150	155	160	165	170	175	180	
0	4.64	-4.24	-2.58	-2.54	-2.77	-0.79	1.15	1.90	1.04	-0.13	-0.65	-1.29	-1.83	-2.00	-1.58	-1.15	-1.40	-2.48	-3.76	-5.57	-5.34	-6.11	-6.55	-6.02	-3.10	-2.72	-2.84	-9.71	-10.13	-12.38	-14.62	-16.29	-17.27	-19.25	-21.41	-23.41	-27.01
1	4.64	-4.64	-3.02	-2.35	-2.73	-0.27	0.86	1.22	0.33	-0.60	-1.10	-1.67	-2.64	-2.44	-1.60	-1.20	-1.79	-3.25	-4.43	-6.24	-6.11	-7.29	-8.17	-8.98	-10.23	-11.72	-12.84	-15.19	-16.23	-18.55	-19.76	-20.83	-23.50	-25.45	-30.24	-27.01	
2	4.64	-4.64	-4.64	-3.02	-2.73	-0.41	0.41	0.41	0.41	-0.41	-0.86	-1.31	-2.28	-2.08	-1.24	-0.84	-1.43	-2.89	-4.07	-5.88	-5.75	-6.93	-7.81	-8.62	-10.11	-11.60	-12.72	-15.07	-16.11	-18.43	-19.64	-20.71	-23.38	-25.33	-30.12	-27.01	
3	15	4.64	-4.64	-4.64	-3.02	-2.73	-0.80	-0.80	-0.80	-0.80	-0.79	-0.79	-1.56	-1.82	-1.05	-0.64	-1.30	-2.76	-3.94	-5.66	-5.46	-6.64	-7.52	-8.33	-10.17	-12.22	-14.42	-14.44	-12.84	-10.82	-10.84	-12.40	-14.57	-16.75	-21.11	-20.12	-27.01
4	20	4.64	-5.18	-4.68	-4.18	-3.68	-2.02	-2.02	-2.02	-2.02	-2.02	-2.02	-3.80	-4.18	-2.43	-1.82	-2.26	-3.93	-5.06	-6.80	-6.56	-7.74	-8.55	-10.55	-12.63	-13.79	-11.14	-9.44	-7.74	-12.42	-13.03	-13.58	-14.96	-17.30	-20.53	-25.25	-27.01
5	24	4.64	-5.64	-5.33	-4.37	-4.07	-2.22	-2.37	-2.63	-2.68	-2.68	-2.68	-4.33	-4.63	-2.88	-2.17	-2.61	-4.16	-5.28	-7.01	-6.71	-7.94	-8.75	-10.75	-12.83	-14.06	-11.36	-9.65	-7.95	-10.31	-12.44	-12.72	-14.20	-16.78	-20.00	-27.01	
6	28	4.64	-5.76	-5.68	-4.83	-4.71	-2.33	-2.43	-2.69	-2.72	-2.72	-2.72	-4.37	-4.67	-2.92	-2.21	-2.65	-4.20	-5.32	-7.05	-6.75	-7.98	-8.79	-10.79	-12.87	-14.10	-11.40	-9.69	-7.99	-10.34	-12.47	-12.74	-14.22	-16.78	-20.00	-27.01	
7	32	4.64	-5.76	-5.68	-4.83	-4.71	-2.33	-2.43	-2.69	-2.72	-2.72	-2.72	-4.37	-4.67	-2.92	-2.21	-2.65	-4.20	-5.32	-7.05	-6.75	-7.98	-8.79	-10.79	-12.87	-14.10	-11.40	-9.69	-7.99	-10.34	-12.47	-12.74	-14.22	-16.78	-20.00	-27.01	
8	36	4.64	-5.76	-5.68	-4.83	-4.71	-2.33	-2.43	-2.69	-2.72	-2.72	-2.72	-4.37	-4.67	-2.92	-2.21	-2.65	-4.20	-5.32	-7.05	-6.75	-7.98	-8.79	-10.79	-12.87	-14.10	-11.40	-9.69	-7.99	-10.34	-12.47	-12.74	-14.22	-16.78	-20.00	-27.01	
9	40	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
10	44	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
11	48	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
12	52	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
13	56	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
14	60	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
15	64	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
16	68	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
17	72	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
18	76	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
19	80	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
20	84	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
21	88	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
22	92	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
23	96	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
24	100	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
25	104	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
26	108	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
27	112	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
28	116	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
29	120	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
30	124	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
31	128	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
32	132	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11	-4.79	-4.79	-5.72	-6.72	-7.65	-8.58	-9.51	-10.44	-11.36	-12.28	-13.19	-14.06	-14.92	-15.84	-16.74	-17.64	
33	136	4.64	-5.34	-7.32	-11.51	-8.58	-6.00	-6.00	-6.00	-4.64	-2.62	2.73	2.45	1.91	2.55	2.02	0.51	-1.17	-2.56	-4.11																	

Threat Actor	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
Threat Actor	(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)
1	4.28	-7.25	-5.11	-1.12	-0.41	-0.33	-0.73	-0.36	-0.41	0.44	-0.07	-0.51	-0.01	-5.71	-7.89	-4.31	-7.51	-8.81	-7.01	-6.56	-11.51	-11.81	-11.11	-4.31	-13.16	-10.11	-10.72	-9.13	-11.71	-13.51	-13.11	-15.21	-22.14	-26.71	-25.11	-23.31	
5	4.28	-7.25	-5.11	-1.12	-0.41	-0.33	-0.73	-0.36	-0.41	0.44	-0.07	-0.51	-0.01	-5.71	-7.89	-4.31	-7.51	-8.81	-7.01	-6.56	-11.51	-11.81	-11.11	-4.31	-13.16	-10.11	-10.72	-9.13	-11.71	-13.51	-13.11	-15.21	-22.14	-26.71	-25.11	-23.31	
10	4.28	-7.25	-5.11	-1.12	-0.41	-0.33	-0.73	-0.36	-0.41	0.44	-0.07	-0.51	-0.01	-5.71	-7.89	-4.31	-7.51	-8.81	-7.01	-6.56	-11.51	-11.81	-11.11	-4.31	-13.16	-10.11	-10.72	-9.13	-11.71	-13.51	-13.11	-15.21	-22.14	-26.71	-25.11	-23.31	
15	4.28	-7.25	-5.11	-1.12	-0.41	-0.33	-0.73	-0.36	-0.41	0.44	-0.07	-0.51	-0.01	-5.71	-7.89	-4.31	-7.51	-8.81	-7.01	-6.56	-11.51	-11.81	-11.11	-4.31	-13.16	-10.11	-10.72	-9.13	-11.71	-13.51	-13.11	-15.21	-22.14	-26.71	-25.11	-23.31	
20	4.28	-7.25	-5.11	-1.12	-0.41	-0.33	-0.73	-0.36	-0.41	0.44	-0.07	-0.51	-0.01	-5.71	-7.89	-4.31	-7.51	-8.81	-7.01	-6.56	-11.51	-11.81	-11.11	-4.31	-13.16	-10.11	-10.72	-9.13	-11.71	-13.51	-13.11	-15.21	-22.14	-26.71	-25.11	-23.31	
25	4.28	-7.25	-5.11	-1.12	-0.41	-0.33	-0.73	-0.36	-0.41	0.44	-0.07	-0.51	-0.01	-5.71	-7.89	-4.31	-7.51	-8.81	-7.01	-6.56	-11.51	-11.81	-11.11	-4.31	-13.16	-10.11	-10.72	-9.13	-11.71	-13.51	-13.11	-15.21	-22.14	-26.71	-25.11	-23.31	
30	4.28	-7.25	-5.11	-1.12	-0.41	-0.33	-0.73	-0.36	-0.41	0.44	-0.07	-0.51	-0.01	-5.71	-7.89	-4.31	-7.51	-8.81	-7.01	-6.56	-11.51	-11.81	-11.11	-4.31	-13.16	-10.11	-10.72	-9.13	-11.71	-13.51	-13.11	-15.21	-22.14	-26.71	-25.11	-23.31	
35	4.28	-7.25	-5.11	-1.12	-0.41	-0.33	-0.73	-0.36	-0.41	0.44	-0.07	-0.51	-0.01	-5.71	-7.89	-4.31	-7.51	-8.81	-7.01	-6.56	-11.51	-11.81	-11.11	-4.31	-13.16	-10.11	-10.72	-9.13	-11.71	-13.51	-13.11	-15.21	-22.14	-26.71	-25.11	-23.31	
40	4.28	-7.25	-5.11	-1.12	-0.41	-0.33	-0.73	-0.36	-0.41	0.44	-0.07	-0.51	-0.01	-5.71	-7.89	-4.31	-7.51	-8.81	-7.01	-6.56	-11.51	-11.81	-11.11	-4.31	-13.16	-10.11	-10.72	-9.13	-11.71	-13.51	-13.11	-15.21	-22.14	-26.71	-25.11	-23.31	
45	4.28	-7.25	-5.11	-1.12	-0.41	-0.33	-0.73	-0.36	-0.41	0.44	-0.07	-0.51	-0.01	-5.71	-7.89	-4.31	-7.51	-8.81	-7.01	-6.56	-11.51	-11.81	-11.11	-4.31	-13.16	-10.11	-10.72	-9.13	-11.71	-13.51	-13.11	-15.21	-22.14	-26.71	-25.11	-23.31	
50	4.28	-7.25	-5.11</																																		

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5850 Theta(Arc)		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(Arc)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)		
0	-4.33	-4.46	-4.78	-2.35	-4.78	0.45	1.04	0.97	0.51	-0.13	-0.90	-1.40	-1.98	-1.89	-1.53	-1.44	-2.24	-3.61	-4.16	-4.09	-4.93	-4.82	-4.72	-10.54	-13.57	-19.28	-19.24	-17.28	-17.07	-17.98	-20.25	-24.98	-26.12	-22.13	-21.96	-23.12	-25.63			
5	-4.33	-4.57	-4.03	-2.59	-4.06	0.61	1.40	1.38	0.76	-0.11	-0.88	-1.33	-1.98	-1.73	-1.48	-1.75	-2.47	-3.48	-3.03	-4.13	-4.05	-4.15	-9.34	-9.82	-12.86	-19.83	-18.40	-17.19	-17.98	-20.82	-24.31	-28.38	-27.42	-22.83	-21.96	-22.80	-25.63			
10	-4.33	-4.46	-4.20	-2.70	-4.06	0.76	1.35	1.36	0.78	-0.12	-0.92	-1.34	-1.97	-1.70	-1.28	-1.28	-2.21	-2.84	-3.14	-3.96	-4.53	-4.56	-4.74	-9.88	-9.57	-12.47	-19.84	-18.99	-17.46	-20.82	-21.40	-22.96	-24.88	-26.12	-22.13	-21.96	-22.74	-25.63		
15	-4.33	-4.46	-4.41	-2.96	-4.06	0.90	1.07	1.07	0.78	-0.14	-0.95	-1.40	-1.98	-1.80	-1.40	-1.68	-2.21	-2.97	-3.37	-4.06	-4.70	-4.82	-9.82	-9.55	-12.55	-19.86	-19.03	-17.43	-20.82	-21.32	-22.90	-24.98	-26.12	-22.13	-21.96	-22.80	-25.63			
20	-4.33	-4.46	-4.53	-3.07	-4.10	1.00	0.77	1.08	0.78	1.68	0.46	-0.46	-0.95	-1.65	-2.76	-3.30	-3.53	-4.32	-4.60	-5.49	-6.70	-6.46	-4.46	-9.26	-9.35	-12.58	-19.72	-15.31	-15.31	-22.38	-17.40	-17.40	-20.82	-21.29	-21.29	-22.80	-25.63			
25	-4.33	-4.46	-4.60	-3.14	-4.15	1.07	0.71	2.02	0.49	2.06	0.93	-0.14	-0.47	-0.76	-1.05	-2.43	-3.13	-3.71	-4.40	-5.47	-6.15	-6.52	-4.40	-9.26	-9.24	-12.58	-19.67	-13.93	-15.61	-20.88	-20.26	-17.98	-19.78	-23.96	-23.96	-22.80	-25.63			
30	-4.33	-4.40	-4.63	-3.17	-4.13	1.04	2.01	2.07	2.47	1.46	0.24	-0.28	-0.51	-0.22	-0.16	-0.30	-3.08	-4.41	-4.72	-5.22	-6.40	-7.59	-7.67	-9.35	-12.16	-10.81	-10.81	-14.10	-15.69	-24.44	-22.29	-17.97	-19.96	-26.88	-22.37	-22.54	-25.63			
35	-4.33	-4.46	-4.70	-3.20	-4.16	1.06	1.97	2.01	2.47	1.46	0.24	-0.28	-0.51	-0.22	-0.16	-0.30	-3.08	-4.41	-4.72	-5.22	-6.40	-7.59	-7.67	-9.35	-12.16	-10.81	-10.81	-14.10	-15.69	-24.44	-22.29	-17.97	-19.96	-26.88	-22.37	-22.54	-25.63			
40	-4.33	-4.43	-4.53	-3.07	-4.12	1.04	1.90	2.06	2.09	2.39	0.93	-0.23	-0.47	-0.70	-1.40	-2.43	-3.95	-4.69	-4.97	-5.46	-6.93	-7.46	-9.81	-10.28	-11.82	-13.58	-13.27	-12.09	-12.09	-16.88	-17.96	-18.42	-20.30	-20.14	-21.37	-22.83	-25.63			
45	-4.33	-4.78	-4.42	-2.86	-4.17	0.44	1.81	2.02	1.18	2.37	1.02	0.56	-1.04	-1.15	-1.82	-3.06	-4.56	-5.70	-6.75	-6.64	-6.46	-8.21	-9.91	-10.57	-11.37	-13.06	-13.19	-11.82	-12.09	-15.52	-16.78	-18.40	-21.06	-20.46	-23.40	-22.70	-25.63			
50	-4.33	-4.71	-4.28	-3.02	-4.04	0.63	1.69	2.07	1.08	2.59	0.86	-1.17	-2.09	-1.19	-1.66	-3.05	-4.46	-6.10	-6.17	-6.40	-7.94	-9.38	-10.33	-11.58	-13.62	-13.36	-11.63	-12.09	-16.40	-18.08	-18.53	-20.72	-20.73	-23.10	-22.77	-25.63				
55	-4.33	-4.78	-4.28	-3.02	-4.04	0.63	1.69	2.07	1.08	2.59	0.86	-1.17	-2.09	-1.19	-1.66	-3.05	-4.46	-6.10	-6.17	-6.40	-7.94	-9.38	-10.33	-11.58	-13.62	-13.36	-11.63	-12.09	-16.40	-18.08	-18.53	-20.72	-20.73	-23.10	-22.77	-25.63				
60	-4.33	-4.52	-3.91	-2.46	-4.06	0.46	1.36	1.94	2.08	1.40	-0.31	-2.46	-3.90	-3.70	-3.18	-2.86	-3.22	-4.08	-4.46	-5.38	-6.03	-6.14	-8.24	-11.11	-14.81	-15.05	-11.39	-9.72	-9.70	-15.00	-20.07	-19.33	-18.14	-20.33	-22.90	-25.63				
65	-4.33	-4.46	-3.71	-2.28	-4.73	0.44	1.10	1.31	1.12	0.30	-1.31	-3.06	-3.27	-2.64	-3.30	-4.46	-4.72	-5.68	-6.43	-6.14	-6.46	-8.24	-11.11	-14.81	-15.44	-15.44	-10.68	-9.07	-10.04	-17.53	-17.48	-18.27	-19.31	-22.93	-22.94	-25.63				
70	-4.33	-4.30	-3.48	-2.09	-4.64	0.38	0.76	0.50	0.18	-1.18	-2.46	-2.91	-2.08	-1.17	-0.52	-0.42	-1.40	-2.61	-3.43	-4.40	-5.40	-6.40	-8.40	-10.68	-14.18	-10.68	-10.68	-9.00	-9.79	-12.75	-10.40	-14.70	-18.08	-22.56	-22.56	-25.63				
75	-4.33	-4.18	-3.28	-1.92	-4.56	0.28	0.36	0.43	-1.74	-2.97	-3.52	-2.63	-1.89	-0.87	-0.05	0.79	-0.66	-2.08	-3.32	-4.76	-5.44	-6.46	-8.46	-10.68	-13.14	-12.96	-10.68	-9.00	-10.12	-12.38	-14.62	-15.55	-16.95	-18.77	-22.18	-22.94	-25.63			
80	-4.33	-4.06	-3.07	-1.77	-4.56	0.13	0.06	-0.14	-0.90	-2.46	-4.06	-4.26	-2.47	-0.87	0.46	0.82	1.09	-0.70	-2.61	-3.52	-5.15	-6.40	-8.46	-10.68	-12.47	-11.00	-12.47	-11.00	-10.68	-10.68	-10.68	-10.68	-12.70	-16.48	-18.48	-21.70	-22.94	-25.63		
85	-4.33	-3.94	-2.86	-1.63	-4.57	0.40	-0.94	-3.44	-4.76	-4.41	-3.35	-0.50	-0.41	0.69	0.92	0.24	-1.05	-2.06	-3.41	-4.38	-5.44	-6.46	-8.46	-10.68	-12.47	-11.00	-12.47	-11.00	-10.68	-10.68	-10.68	-10.68	-12.70	-16.48	-18.48	-21.70	-22.94	-25.63		
90	-4.33	-3.82	-2.66	-1.51	-4.61	-0.22	-0.63	-2.16	-4.51	-4.91	-4.62	-2.42	-0.77	-0.13	-0.14	-0.32	-0.80	-2.32	-3.47	-4.61	-5.42	-6.46	-8.46	-10.68	-12.47	-11.00	-12.47	-11.00	-10.68	-10.68	-10.68	-10.68	-12.70	-16.48	-18.48	-21.70	-22.94	-25.63		
95	-4.33	-3.71	-2.48	-1.40	-4.66	0.38	0.74	2.01	0.98	5.17	-4.25	-2.45	-1.22	-0.11	-0.43	-1.46	-2.51	-3.97	-4.18	-5.36	-6.40	-8.46	-10.68	-12.47	-11.00	-12.47	-11.00	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	
100	-4.33	-3.61	-2.31	-1.30	-4.75	-0.52	-0.76	-1.98	-1.18	-4.11	-4.68	-2.74	-1.61	-0.86	-0.20	-0.46	-1.56	-2.48	-3.40	-4.58	-5.48	-6.46	-8.46	-10.68	-12.47	-11.00	-12.47	-11.00	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68		
105	-4.33	-3.50	-2.15	-1.21	-4.77	-0.63	-0.71	-2.31	-2.43	-4.06	-4.78	-2.85	-1.85	-0.98	-0.30	-0.45	-1.66	-2.48	-3.40	-4.58	-5.48	-6.46	-8.46	-10.68	-12.47	-11.00	-12.47	-11.00	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68		
110	-4.33	-3.44	-2.00	-1.12	-4.80	-0.71	-0.69	-0.03	-1.74	-3.39	-4.78	-2.89	-1.95	-1.17	-0.48	-0.22	-0.49	-1.71	-2.61	-3.83	-4.44	-5.43	-7.08	-7.29	-8.85	-10.31	-10.68	-10.76	-10.76	-10.76	-10.76	-10.76	-10.76	-10.76	-10.76	-10.76	-10.76			
115	-4.33	-3.37	-1.88	-1.03	-4.79	-0.74	0.63	0.77	-1.20	-1.18	-0.50	-0.05	0.08	-1.12	-1.10	-0.85	-1.40	-2.62	-3.60	-4.63	-5.48	-6.43	-7.18	-8.46	-8.82	-8.85	-10.46	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68			
120	-4.33	-3.32	-1.77	-0.93	-4.75	-0.77	0.55	0.54	-0.75	-0.55	-0.14	0.66	0.61	0.09	-0.08	-1.32	-2.30	-3.76	-4.11	-5.72	-6.56	-5.53	-6.14	-7.18	-8.14	-8.11	-10.16	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68				
125	-4.33	-3.26	-1.68	-0.86	-4.70	-0.78	0.44	0.53	-0.74	-0.54	-0.14	0.64	0.61	0.09	-0.08	-1.32	-2.30	-3.76	-4.11	-5.72	-6.56	-5.53	-6.14	-7.18	-8.14	-8.11	-10.16	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68	-10.68				
130	-4.33	-3.27	-1.63	-0.74	-4.56	-0.51	-0.22	0.03	0.11	0.36	0.82	-1.46	-1.87	-1.58	-1.28	-0.56	-0.90	-1.15	-2.18	-2.65	-3.91	-4.48	-5.96	-6.81	-8.02	-9.01	-10.14	-10.14	-10.14	-10.14	-10.14	-10.14	-10.14	-10.14	-10.14	-10.14				
135	-4.33	-3.27	-1.61	-0.67	-4.43	-0.40	0.01	0.39	0.61	0.86	1.26	-1.65	-1.63	-1.77	-1.47	-0.80	-1.10	-2.18	-2.65	-3.91	-4.48	-5.96	-6.81	-8.02	-9.01	-10.14	-10.14	-10.14	-10.14	-10.14	-10.14	-10.14	-10.14	-10.14	-10.14	-10.14				
140	-4.33	-3.28	-1.62	-0.62	-4.31	-0.34	0.24	0.74	1.10	1.37	1.83	-1.81	-1.82	-1.63	-1.20	-0.46	-0.82	-1.44	-2.36	-2.81	-4.06	-4.62	-6.18	-7.04	-8.24	-9.32	-10.46	-10.46	-10.46	-10.46	-10.46	-10.46	-10.46	-10.46	-10.46	-10.46				
145	-4.33	-3.33	-1.67	-0.62	-4.22	-0.02	0.47	1.00	1.50	1.82	2.19	-1.97	-1.92	-1.68	-1.14	-0.54	-0.84	-1.31	-2.48	-3.42	-4.78	-5.22	-6.38	-7.08	-8.24	-9.32	-10.46	-10.46	-10.46	-10.46	-10.46	-10.46	-10.46	-10.46	-10.46	-10.46				
150	-4.33	-3.34	-1.68	-0.60	-4.20	0.05	0.44	1.13	1.24	2.11	1.91	-1.91	-1.91	-1.68	-1.14	-0.54	-0.84	-1.31	-2.48	-3.42	-4.78	-5.22	-6.38	-7.08	-8.24	-9.32	-10.46	-10.46	-10.46	-10.46	-10.46	-10.46	-10.46	-10.46	-10.46	-10.46				
155	-4.33	-3.46	-1.93	-0.60	-4.28	0.03	0.45	1.11	1.70	2.38	2.21	-1.88	-1.85	-1.67	-1.12	-0.54	-0.84	-1.31	-2.48	-3.42	-4.78	-5.22	-6.38	-7.08	-8.24	-9.32	-10.46	-10.46	-10.46	-10.46	-10.46	-10.46	-10.46	-10.46	-10.46	-10.46				
160	-4.33	-3.55	-2.14	-1.01	-4.42	-0.11	0.30	0.85	1.67	2.10	2.38	-1.53	-0.69	-0.42	-1.17	-1.14	-0.26																							

Phi/Angle	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Resp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Doc.No.:3.8.05 Rev

7125 Theta(Angle)		0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180
Phi(Angle)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)
0	-7.25	-4.91	-3.13	-2.21	-1.15	1.25	0.84	0.97	1.34	1.03	-0.01	-1.22	-2.57	-4.65	-4.93	-3.94	-2.88	-1.68	-4.03	-3.31	-4.30	-4.91	-6.48	-10.05	-10.18	-12.58	-14.83	-15.51	-11.70	-11.68	-13.89	-15.93	-15.82	-15.67	-17.58	-21.17	-28.18	
5	-7.25	-4.82	-3.08	-2.25	-1.12	1.21	0.65	0.97	1.02	1.07	0.97	-0.14	-1.21	-3.18	-5.56	-4.71	-4.68	-5.60	-4.07	-3.62	-4.88	-6.16	-11.13	-10.48	-9.82	-12.12	-17.24	-14.22	-11.82	-12.44	-15.65	-16.89	-16.24	-16.05	-16.96	-20.48	-28.18	
10	-7.25	-4.75	-3.03	-2.21	-1.08	1.21	0.67	0.97	1.02	1.07	0.97	-0.14	-1.21	-3.18	-5.56	-4.71	-4.68	-5.60	-4.07	-3.62	-4.88	-6.16	-11.13	-10.48	-9.82	-12.12	-17.24	-14.22	-11.82	-12.44	-15.65	-16.89	-16.24	-16.05	-16.96	-20.48	-28.18	
15	-7.25	-4.68	-3.15	-2.40	-1.08	1.30	0.88	1.31	0.88	0.54	0.74	1.03	1.03	-0.07	-3.32	-5.19	-3.48	-2.47	-5.58	-4.17	-3.38	-4.83	-6.15	-9.35	-12.37	-10.84	-9.35	-12.08	-12.43	-14.54	-16.12	-17.35	-16.54	-16.35	-19.03	-21.14	-28.18	
20	-7.25	-4.48	-3.23	-2.70	0.84	1.40	1.21	0.88	0.89	1.08	1.12	0.75	-0.37	-4.41	-4.55	-5.65	-6.02	-4.01	-5.11	-4.64	-4.88	-6.11	-9.32	-12.22	-10.78	-12.53	-10.84	-13.18	-11.24	-13.48	-14.23	-15.42	-15.30	-16.45	-15.80	-19.71	-28.18	
25	-7.25	-4.46	-3.35	-4.95	0.84	1.46	1.56	1.32	1.17	1.22	1.38	0.88	-0.16	-3.35	-5.33	-5.46	-5.88	-4.03	-3.80	-5.14	-4.33	-10.45	-4.46	-9.33	-10.56	-17.84	-11.47	-10.46	-13.23	-15.05	-14.30	-15.43	-15.40	-15.64	-15.92	-19.71	-28.18	
30	-7.25	-4.33	-3.48	-2.24	0.43	1.48	1.66	1.75	1.49	1.37	1.49	1.44	0.55	-1.31	-3.55	-4.46	-3.74	-2.54	-2.82	-4.08	-10.24	-7.99	-8.19	-13.33	-17.17	-10.32	-9.88	-13.28	-14.03	-15.12	-16.44	-16.11	-15.94	-15.92	-19.82	-28.18		
35	-7.25	-4.27	-3.82	-2.12	0.47	2.10	2.12	2.27	1.94	1.82	1.79	1.15	-0.45	-2.31	-3.77	-3.88	-2.40	-1.38	-2.40	-2.41	-10.46	-8.41	-8.10	-14.66	-17.46	-10.46	-9.82	-13.21	-14.22	-15.27	-16.46	-16.11	-15.94	-15.92	-19.82	-28.18		
40	-7.25	-4.22	-3.73	-1.84	0.40	1.40	2.26	2.41	1.99	1.48	1.28	1.56	1.23	-0.26	-2.48	-3.84	-3.68	-3.18	-2.12	-2.72	-4.61	-8.88	-10.31	-7.39	-13.82	-14.27	-15.17	-9.86	-12.88	-16.78	-16.28	-19.19	-19.36	-16.27	-19.83	-28.18		
45	-7.25	-4.17	-3.83	-0.88	-0.37	1.28	2.32	2.59	2.15	1.27	0.76	0.84	0.72	-0.65	-2.74	-4.07	-4.22	-3.79	-3.15	-3.27	-6.07	-9.73	-7.40	-12.82	-12.19	-12.85	-8.80	-12.88	-12.07	-13.84	-12.01	-17.72	-16.48	-19.81	-28.18			
50	-7.25	-4.12	-3.88	-0.29	-0.42	1.11	2.29	2.67	2.22	1.07	0.82	0.18	-0.29	-1.55	-3.46	-4.61	-4.88	-4.24	-3.40	-4.41	-6.85	-7.74	-7.82	-11.88	-10.94	-11.58	-9.02	-9.34	-13.33	-12.79	-20.77	-16.48	-19.84	-28.18				
55	-7.25	-4.06	-3.86	-0.20	-0.42	1.18	2.41	2.64	2.18	1.07	0.86	0.24	-0.48	-1.30	-3.45	-4.68	-4.93	-4.16	-3.70	-4.41	-6.78	-7.81	-7.81	-11.88	-10.94	-11.58	-9.02	-9.34	-13.33	-12.79	-20.77	-16.48	-19.84	-28.18				
60	-7.25	-4.04	-3.87	-0.44	-0.34	0.68	1.50	2.41	2.01	0.54	-1.57	-2.68	-3.80	-3.85	-4.58	-4.73	-4.48	-3.95	-3.48	-4.52	-7.26	-4.55	-6.88	-3.35	-10.55	-11.55	-9.07	-10.53	-16.32	-19.35	-17.74	-16.03	-16.18	-17.13	-20.76	-28.18		
65	-7.25	-4.01	-3.88	-0.48	-0.38	0.46	1.57	2.07	1.68	0.13	-1.25	-3.79	-4.17	-4.85	-4.58	-3.88	-4.83	-3.88	-3.15	-4.48	-5.28	-4.08	-4.34	-4.25	-3.36	-10.02	-9.48	-9.58	-15.88	-16.12	-15.28	-14.23	-15.28	-17.30	-21.22	-28.18		
70	-7.25	-3.97	-3.88	-0.22	-0.33	0.31	1.23	1.63	1.21	-0.42	-0.88	-4.78	-5.14	-4.58	-4.73	-3.73	-4.07	-3.80	-3.24	-1.82	-3.34	-4.30	-4.68	-4.29	-4.11	-4.27	-3.87	-9.16	-12.47	-13.88	-13.58	-13.88	-14.88	-17.71	-19.78	-28.18		
75	-7.25	-3.94	-3.88	-0.22	-0.38	0.20	0.88	1.16	0.82	-1.11	-0.84	-5.53	-4.03	-4.84	-4.25	-3.07	-3.13	-3.51	-2.48	-1.84	-2.73	-4.44	-7.15	-4.48	-4.71	-4.51	-7.78	-7.46	-10.33	-15.37	-12.42	-12.48	-14.68	-17.14	-22.41	-28.18		
80	-7.25	-3.96	-4.02	-2.12	-0.62	0.40	0.88	1.40	1.08	-1.40	-1.82	-5.78	-4.07	-5.33	-2.31	-2.07	-2.35	-1.88	-2.21	-2.40	-7.72	-4.57	-6.13	-7.66	-7.54	-7.99	-6.88	-13.88	-12.42	-12.42	-12.42	-14.88	-17.14	-22.41	-28.18			
85	-7.25	-3.86	-4.07	-2.10	-0.44	0.64	1.06	0.81	-0.14	-0.54	-0.84	-4.68	-4.48	-4.46	-2.58	-1.40	-1.80	-2.74	-2.44	-2.58	-6.33	-5.96	-6.16	-4.46	-7.48	-7.78	-7.28	-6.85	-11.95	-14.74	-12.47	-12.72	-13.03	-14.82	-19.48	-28.18		
90	-7.25	-3.82	-4.17	-2.15	-0.32	0.84	1.14	1.16	0.14	-1.54	-1.78	-5.24	-5.14	-3.95	-2.58	-1.34	-1.78	-2.78	-2.78	-2.78	-3.87	-5.32	-4.86	-3.38	-4.88	-4.27	-7.01	-9.07	-13.08	-15.85	-14.84	-17.71	-19.38	-20.41	-24.88	-28.18		
95	-7.25	-3.77	-4.29	-0.29	-0.28	1.19	1.88	1.73	0.80	-0.71	-2.46	-3.84	-4.47	-3.93	-2.51	-1.67	-2.08	-3.08	-3.01	-4.16	-4.48	-6.83	-6.56	-7.14	-4.44	-7.18	-4.48	-13.07	-15.38	-15.11	-15.12	-15.82	-17.71	-21.47	-25.88	-28.18		
100	-7.25	-3.76	-4.42	-0.35	-0.42	1.22	2.26	2.28	1.52	0.22	-1.20	-2.72	-3.71	-4.41	-3.42	-1.76	-2.22	-3.38	-3.38	-4.58	-4.48	-6.84	-6.78	-7.07	-7.20	-7.81	-6.88	-12.30	-13.80	-14.62	-16.78	-17.83	-18.11	-22.37	-28.18			
105	-7.25	-3.85	-4.55	-0.30	-0.47	1.27	2.45	2.68	2.08	0.89	-0.48	-2.83	-3.58	-4.15	-3.12	-2.82	-4.07	-2.50	-3.76	-3.84	-5.88	-5.87	-6.53	-6.44	-6.80	-6.81	-10.27	-14.24	-15.28	-15.53	-15.85	-15.85	-15.85	-22.94	-27.02	-28.18		
110	-7.25	-3.53	-4.64	-3.34	-1.17	1.01	2.41	2.60	2.38	1.95	0.40	-0.85	-1.40	-1.37	-0.83	-0.40	-1.11	-2.02	-2.21	-2.48	-3.74	-5.72	-7.33	-7.07	-4.12	-8.84	-10.17	-11.15	-11.95	-11.83	-11.74	-13.84	-17.28	-22.96	-27.02	-28.18		
115	-7.25	-3.58	-4.85	-3.75	-1.27	0.56	2.15	2.69	2.44	1.86	1.12	0.20	-0.88	-0.84	-0.41	-0.35	-1.15	-2.22	-2.78	-2.48	-4.72	-6.38	-7.40	-7.81	-7.77	-4.88	-10.83	-11.85	-11.53	-10.83	-10.53	-12.18	-15.38	-18.37	-22.91	-27.02	-28.18	
120	-7.25	-3.74	-4.65	-4.03	-2.40	-0.40	1.71	2.38	2.25	1.94	1.36	0.61	-0.38	-0.22	-1.02	-1.17	-2.08	-3.34	-2.48	-3.32	-6.07	-8.12	-8.46	-6.05	-7.85	-8.14	-11.10	-12.02	-11.12	-9.88	-7.70	-11.01	-13.82	-17.09	-21.47	-27.02	-28.18	
125	-7.25	-3.78	-4.65	-4.03	-2.40	-0.40	1.71	2.38	2.25	1.94	1.36	0.61	-0.38	-0.22	-1.02	-1.17	-2.08	-3.34	-2.48	-3.32	-6.07	-8.12	-8.46	-6.05	-7.85	-8.14	-11.10	-12.02	-11.12	-9.88	-7.70	-11.01	-13.82	-17.09	-21.47	-27.02	-28.18	
130	-7.25	-3.46	-4.88	-3.86	-3.88	-0.88	-3.02	0.75	1.53	1.38	0.82	0.17	-0.71	-2.02	-3.11	-2.45	-3.51	-5.97	-4.34	-7.18	-9.56	-12.77	-9.38	-10.82	-9.87	-9.61	-9.85	-9.48	-10.28	-13.72	-10.33	-14.48	-19.39	-26.34	-27.02	-28.18		
135	-7.25	-3.47	-3.62	-3.02	-2.40	-0.98	0.51	1.23	0.89	0.14	-0.88	-2.06	-3.27	-3.88	-3.72	-3.80	-4.27	-4.01	-3.85	-4.85	-4.47	-6.36	-5.88	-4.14	-6.57	-7.17	-7.74	-8.01	-4.18	-8.82	-10.81	-12.82	-15.26	-19.48	-25.87	-28.18		
140	-7.25	-3.52	-3.02	-2.24	-1.56	-0.52	0.60	1.15	0.85	-1.11	-1.31	-2.31	-2.68	-2.23	-1.82	-1.57	-1.71	-1.35	-1.11	-1.08	-3.08	-3.81	-4.05	-4.54	-5.11	-5.81	-6.46	-7.18	-8.21	-8.10	-10.78	-11.84	-13.24	-15.57	-19.14	-25.87	-28.18	
145	-7.25	-3.48	-2.52	-2.41	-0.88	0.24	1.03	1.33	1.04	0.33	-0.56	-1.84	-0.88	-1.05	-0.88	0.33	0.47	-0.07	-1.22	-3.34	-3.88	-4.02	-4.58	-5.08	-5.88	-6.48	-7.08	-8.48	-10.25	-10.22	-13.32	-12.88	-15.78	-18.88	-24.43	-28.18		
150	-7.25	-3.41	-2.86	-2.45	-0.33	1.06	1.45	1.48	1.34	0.88	0.33	-0.86	-1.38	-0.88	-0.88	0.37	0.88	-0.88	-0.88	-2.17	-3.88	-4.27	-4.51	-4.88	-5.11	-5.88	-6.48	-7.08	-8.48	-10.25	-10.22	-13.32	-12.88	-15.78	-18.88	-24.43	-28.18	
155	-7.25	-4.00	-1.63	-0.01	1.75	2.08	2.05	1.78	1.54	1.39	1.07	0.53	0.11	-0.84	-0.32	-0.94	-1.39	-1.31	-1.32	-0.33	-1.41	-6.82	-6.82	-6.82	-7.33	-7.87	-8.08	-10.47	-12.48	-12.48	-15.12	-16.46	-18.87	-22.82	-28.18	-28.18		
160	-7.25	-3.86	-1.27	0.48	1.88	2.22	2.41	2.22	1.84	1.82	1.51	0.97	-0.34	-0.88	-2.88	-1.31	-3.81	-4.38	-3.79	-3.21	-3.54	-4.44	-5.70	-7.38	-7.18	-7.88	-8.36	-8.41	-8.46	-9.18	-10.88	-13.88	-16.38	-17.18	-18.75	-22.58	-28.18	
165	-7.25	-3.76	-1.06	0.82	1.88	2.41	2.46	2.05	1.44	1.87	1.88	0.85	-0.17	-0.58	-2.78	-1.55	-4.68	-4.62	-3.58	-2.58	-2.78	-3.07	-4.48	-4.83	-5.47	-6.31	-6.48											

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Regulatory WIFI Antenna Information 70/98

Ph.Anc	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		
Ph.Anc	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response	Response		
0	-4.32	-2.12	-0.17	1.40	2.57	3.35	3.84	4.16	4.37	4.50	4.67	4.87	5.07	5.26	5.43	5.59	5.74	5.88	5.99	6.08	6.16	6.23	6.29	6.34	6.38	6.41	6.43	6.45	6.46	6.47	6.47	6.47	6.47	6.47	6.47	6.47	6.47	6.47	6.47	
10	-4.32	-2.23	-0.39	1.75	3.00	3.81	4.30	4.62	4.78	4.90	4.97	5.07	5.16	5.24	5.31	5.37	5.43	5.48	5.52	5.56	5.59	5.62	5.64	5.66	5.68	5.69	5.70	5.71	5.72	5.72	5.72	5.72	5.72	5.72	5.72	5.72	5.72	5.72	5.72	
20	-4.32	-2.39	-0.73	1.88	3.16	4.03	4.52	4.84	4.99	5.10	5.17	5.24	5.30	5.36	5.41	5.46	5.50	5.54	5.57	5.60	5.62	5.64	5.66	5.68	5.69	5.70	5.71	5.72	5.72	5.72	5.72	5.72	5.72	5.72	5.72	5.72	5.72	5.72	5.72	5.72
30	-4.32	-2.66	-0.81	1.60	2.96	3.84	4.30	4.61	4.77	4.92	5.03	5.10	5.16	5.22	5.27	5.32	5.37	5.41	5.45	5.48	5.51	5.54	5.56	5.58	5.60	5.61	5.62	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63
40	-4.32	-2.56	-0.81	1.10	2.39	3.16	3.59	3.91	4.13	4.29	4.43	4.56	4.68	4.79	4.89	4.98	5.07	5.15	5.23	5.30	5.37	5.43	5.49	5.54	5.59	5.63	5.67	5.70	5.72	5.72	5.72	5.72	5.72	5.72	5.72	5.72	5.72	5.72	5.72	5.72
50	-4.32	-2.67	-1.11	0.00	1.60	2.46	2.97	3.29	3.46	3.60	3.73	3.85	3.96	4.06	4.15	4.24	4.32	4.40	4.47	4.54	4.61	4.67	4.73	4.79	4.84	4.89	4.93	4.97	4.99	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
60	-4.32	-2.99	-1.54	0.50	0.00	1.16	2.04	2.59	2.92	3.17	3.40	3.61	3.80	4.00	4.20	4.39	4.57	4.75	4.92	5.09	5.26	5.43	5.59	5.74	5.88	5.99	6.08	6.16	6.23	6.29	6.34	6.38	6.41	6.43	6.45	6.47	6.47	6.47	6.47	
70	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
80	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
90	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
100	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
110	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
120	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
130	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
140	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
150	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
160	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
170	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
180	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
190	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
200	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
210	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
220	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
230	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
240	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
250	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
260	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
270	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
280	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
290	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
300	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
310	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10	5.24	5.37	5.50	5.62	5.72	5.80	5.87	5.92	5.96	5.99	6.01	6.03	6.04	6.05	6.05	6.05	
320	-4.32	-3.00	-1.60	0.50	0.29	1.11	1.95	2.40	2.73	3.00	3.21	3.39	3.56	3.73	3.89	4.05	4.21	4.37	4.52	4.67	4.82	4.96	5.10																	

7125 Theta(Arc)		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(Arc (°))	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	Response (dB)	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	-8.70	-9.48	-9.81	-10.15	-11.71	-12.40	-11.57	-10.31	-8.84	-6.82	-4.22	-1.10	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15
5	-12.0	-2.54	-1.88	-0.95	0.56	2.02	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	-9.58	-9.40	-9.81	-11.71	-12.40	-11.57	-10.31	-8.84	-6.82	-4.22	-1.10	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15
10	-12.0	-2.57	-1.91	-1.00	0.65	2.15	2.95	3.75	4.01	3.63	2.65	1.35	0.14	-0.64	-1.40	-2.33	-3.30	-4.50	-5.85	-7.00	-7.80	-8.30	-8.50	-8.40	-8.00	-9.80	-10.40	-9.50	-8.20	-6.70	-4.60	-2.40	-1.10	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15	
15	-12.0	-2.61	-1.95	-1.05	0.75	2.02	2.80	3.70	3.86	3.36	2.25	0.94	-0.21	-1.03	-1.80	-2.46	-3.30	-4.30	-5.40	-6.50	-7.30	-7.70	-7.80	-7.60	-7.10	-8.80	-9.30	-8.40	-7.10	-5.60	-3.50	-2.10	-1.10	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15	
20	-12.0	-2.66	-1.98	-1.10	0.82	1.90	2.58	3.39	3.42	2.81	1.61	-0.14	-1.19	-1.95	-2.72	-3.32	-4.02	-4.80	-5.60	-6.30	-6.80	-7.00	-6.90	-6.60	-6.10	-7.80	-8.20	-7.30	-6.00	-4.50	-2.40	-1.10	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15		
25	-12.0	-2.70	-2.02	-1.15	0.89	1.69	2.19	2.84	2.74	2.04	1.80	-0.40	-1.36	-2.13	-2.80	-3.20	-3.60	-4.10	-4.60	-5.00	-5.30	-5.40	-5.30	-5.00	-4.50	-6.20	-6.50	-5.60	-4.30	-2.80	-1.40	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15			
30	-12.0	-2.74	-2.05	-1.20	0.94	1.48	1.98	2.50	2.30	1.50	1.50	-0.80	-1.50	-2.20	-2.50	-2.80	-3.20	-3.60	-4.00	-4.30	-4.40	-4.30	-4.00	-3.50	-5.20	-5.50	-4.60	-3.30	-1.80	-0.40	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15				
35	-12.0	-2.78	-2.10	-1.25	0.98	1.26	1.61	2.00	1.60	1.00	1.00	-1.00	-1.50	-2.20	-2.50	-2.80	-3.20	-3.60	-4.00	-4.30	-4.40	-4.30	-4.00	-3.50	-5.20	-5.50	-4.60	-3.30	-1.80	-0.40	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15				
40	-12.0	-2.83	-2.04	-1.30	1.00	1.06	1.06	1.30	1.12	0.58	0.30	-1.30	-1.90	-2.60	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15				
45	-12.0	-2.88	-2.03	-1.33	1.00	0.83	0.51	0.33	0.49	0.36	-0.36	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15				
50	-12.0	-2.92	-2.00	-1.30	0.98	0.62	0.30	0.49	0.31	0.16	-0.30	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15				
55	-12.0	-2.96	-1.98	-1.25	0.94	0.40	0.16	0.40	0.20	0.00	-0.40	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15				
60	-12.0	-3.00	-1.98	-1.20	0.90	0.25	0.16	0.40	0.20	0.00	-0.40	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15				
65	-12.0	-3.03	-1.91	-1.05	0.85	0.10	0.14	0.40	0.20	0.00	-0.40	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15				
70	-12.0	-3.07	-1.92	-1.00	0.83	0.00	0.00	0.38	0.24	0.00	-0.38	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15				
75	-12.0	-3.10	-1.92	-0.98	0.80	-0.01	0.38	0.24	0.00	-0.38	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15					
80	-12.0	-3.14	-1.92	-0.90	0.75	-0.06	0.36	0.20	0.00	-0.36	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15					
85	-12.0	-3.18	-1.92	-0.80	0.70	-0.10	0.30	0.10	0.00	-0.30	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15					
90	-12.0	-3.22	-1.93	-0.80	0.70	-0.10	0.30	0.10	0.00	-0.30	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15					
95	-12.0	-3.26	-1.93	-0.80	0.70	-0.10	0.30	0.10	0.00	-0.30	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15					
100	-12.0	-3.30	-1.93	-0.80	0.70	-0.10	0.30	0.10	0.00	-0.30	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15					
105	-12.0	-3.34	-1.93	-0.80	0.70	-0.10	0.30	0.10	0.00	-0.30	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15					
110	-12.0	-3.38	-1.93	-0.80	0.70	-0.10	0.30	0.10	0.00	-0.30	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15					
115	-12.0	-3.42	-1.93	-0.80	0.70	-0.10	0.30	0.10	0.00	-0.30	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15					
120	-12.0	-3.46	-1.93	-0.80	0.70	-0.10	0.30	0.10	0.00	-0.30	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15					
125	-12.0	-3.50	-1.93	-0.80	0.70	-0.10	0.30	0.10	0.00	-0.30	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15					
130	-12.0	-3.54	-1.93	-0.80	0.70	-0.10	0.30	0.10	0.00	-0.30	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15					
135	-12.0	-3.58	-1.93	-0.80	0.70	-0.10	0.30	0.10	0.00	-0.30	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15					
140	-12.0	-3.62	-1.93	-0.80	0.70	-0.10	0.30	0.10	0.00	-0.30	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15					
145	-12.0	-3.66	-1.93	-0.80	0.70	-0.10	0.30	0.10	0.00	-0.30	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15					
150	-12.0	-3.70	-1.93	-0.80	0.70	-0.10	0.30	0.10	0.00	-0.30	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15					
155	-12.0	-3.74	-1.93	-0.80	0.70	-0.10	0.30	0.10	0.00	-0.30	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15					
160	-12.0	-3.78	-1.93	-0.80	0.70	-0.10	0.30	0.10	0.00	-0.30	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15					
165	-12.0	-3.82	-1.93	-0.80	0.70	-0.10	0.30	0.10	0.00	-0.30	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12	-0.13	-0.14	-0.15					
170	-12.0	-3.86	-1.93	-0.80	0.70	-0.10	0.30	0.10	0.00	-0.30	-1.40	-2.00	-2.70	-3.00	-3.30	-3.60	-4.00	-4.30	-4.60	-4.70	-4.60	-4.30	-3.80	-5.50	-5.80	-4.90	-3.60	-2.10	-0.60	-0.15	-0.11	-0.12</								

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		
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10	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		
11	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		
12	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		
13	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		
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																																									

Ph.Ano	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
Ph.Ano	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	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
5	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
10	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
15	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
20	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
25	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
30	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
35	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
40	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
45	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
50	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
55	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
60	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
65	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
70	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
75	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
80	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
85	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
90	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
95	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
100	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
105	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
110	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
115	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
120	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
125	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
130	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
135	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
140	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
145	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
150	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
155	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
160	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
165	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72	-4.82	-4.09	-7.00	-7.05	-4.43	-5.96	-9.06	-10.00	-11.01	-11.17	-14.00	-24.73		
170	-4.59	-3.42	-1.25	0.82	2.32	2.90	3.30	3.60	3.90	4.03	3.78	3.15	2.36	1.65	1.09	0.41	0.09	-0.42	-0.83	-0.48	-1.00	-1.71	-2.49	-3.72														

Regulatory WIFI Antenna Information 76/98

Ph.Arc	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	4.65	4.45	4.09	3.41	3.13	2.64	2.19	1.76	1.32	0.87	0.29	0.27	-0.04	-1.36	-1.81	-2.17	-2.50	-2.80	-3.10	-3.53	-3.88	-4.23	-4.71	-5.26	-5.85	-6.48	-7.21	-8.28	-9.17	-9.86	-10.46	-11.02	-11.55	-12.05	-12.52	-13.03	
5	4.65	4.49	4.14	3.71	3.19	2.64	2.09	1.54	0.96	0.33	-0.25	-0.86	-1.73	-2.33	-2.81	-3.18	-3.46	-3.70	-3.96	-4.08	-4.29	-4.46	-5.14	-5.49	-6.28	-7.07	-8.06	-9.16	-9.94	-10.46	-11.02	-11.55	-12.05	-12.52	-13.03	-13.57	
10	4.65	4.49	4.14	3.71	3.19	2.64	2.09	1.54	0.96	0.33	-0.25	-0.86	-1.73	-2.33	-2.81	-3.18	-3.46	-3.70	-3.96	-4.08	-4.29	-4.46	-5.14	-5.49	-6.28	-7.07	-8.06	-9.16	-9.94	-10.46	-11.02	-11.55	-12.05	-12.52	-13.03	-13.57	
15	4.65	4.55	4.55	4.30	3.89	3.36	2.74	2.08	1.38	0.63	-0.19	-1.00	-1.99	-2.87	-3.64	-4.27	-4.73	-5.04	-5.22	-5.33	-5.39	-5.58	-6.00	-6.72	-7.64	-8.64	-9.68	-10.73	-10.84	-11.05	-10.46	-9.96	-9.28	-8.34	-7.15	-5.84	
20	4.65	4.68	4.38	3.99	3.47	2.85	2.17	1.45	0.68	-0.15	-1.06	-2.00	-2.91	-3.75	-4.40	-4.93	-5.46	-5.77	-5.96	-6.14	-6.44	-6.98	-7.42	-8.14	-9.02	-10.02	-11.02	-11.18	-11.31	-10.83	-10.18	-9.34	-8.74	-7.78	-6.68	-5.42	
25	4.65	4.64	4.45	4.09	3.58	2.96	2.32	1.61	0.87	0.07	-0.79	-1.68	-2.58	-3.44	-4.25	-4.99	-5.53	-6.14	-6.55	-6.93	-7.40	-8.13	-9.06	-9.93	-10.81	-11.82	-11.92	-12.10	-11.37	-10.46	-9.46	-8.84	-7.69	-6.97	-5.70		
30	4.65	4.60	4.52	4.25	3.72	3.14	2.56	1.83	1.14	0.42	-0.34	-1.14	-1.96	-2.81	-3.75	-4.61	-5.56	-6.33	-7.07	-7.74	-8.40	-9.34	-10.30	-10.95	-11.66	-12.72	-13.07	-11.17	-11.05	-11.34	-10.54	-9.53	-8.84	-7.69	-6.97	-5.70	
35	4.65	4.60	4.51	4.26	3.76	3.20	2.70	2.00	1.30	0.59	-0.19	-1.00	-1.99	-2.87	-3.64	-4.27	-4.73	-5.04	-5.22	-5.33	-5.39	-5.58	-6.00	-6.72	-7.64	-8.64	-9.68	-10.73	-10.84	-11.05	-10.46	-9.96	-9.28	-8.34	-7.15	-5.84	
40	4.65	4.74	4.66	4.40	3.90	3.30	2.74	2.00	1.24	0.55	-0.15	-1.00	-1.99	-2.87	-3.64	-4.27	-4.73	-5.04	-5.22	-5.33	-5.39	-5.58	-6.00	-6.72	-7.64	-8.64	-9.68	-10.73	-10.84	-11.05	-10.46	-9.96	-9.28	-8.34	-7.15	-5.84	
45	4.65	4.77	4.72	4.40	3.90	3.30	2.74	2.00	1.24	0.55	-0.15	-1.00	-1.99	-2.87	-3.64	-4.27	-4.73	-5.04	-5.22	-5.33	-5.39	-5.58	-6.00	-6.72	-7.64	-8.64	-9.68	-10.73	-10.84	-11.05	-10.46	-9.96	-9.28	-8.34	-7.15	-5.84	
50	4.65	4.80	4.79	4.57	4.21	3.75	3.26	2.70	2.33	1.93	1.08	0.62	0.20	-1.13	-2.28	-3.08	-3.78	-4.28	-4.74	-5.08	-5.40	-5.78	-6.28	-6.84	-7.42	-8.14	-9.02	-10.02	-11.02	-11.18	-11.31	-10.83	-10.18	-9.34	-8.74	-7.78	
55	4.65	4.85	4.80	4.49	4.23	3.84	3.38	2.74	2.35	1.95	1.13	0.65	0.21	-1.17	-2.35	-3.15	-3.85	-4.35	-4.80	-5.14	-5.46	-5.84	-6.34	-6.90	-7.48	-8.16	-9.04	-10.04	-11.04	-11.20	-11.34	-10.86	-10.19	-9.46	-8.73	-7.77	
60	4.65	4.86	4.80	4.48	4.22	3.84	3.38	2.74	2.35	1.95	1.13	0.65	0.21	-1.17	-2.35	-3.15	-3.85	-4.35	-4.80	-5.14	-5.46	-5.84	-6.34	-6.90	-7.48	-8.16	-9.04	-10.04	-11.04	-11.20	-11.34	-10.86	-10.19	-9.46	-8.73	-7.77	
65	4.65	4.88	4.82	4.36	4.44	4.02	3.57	3.14	2.76	2.40	1.80	1.58	1.84	0.37	-0.46	-1.42	-2.57	-3.90	-5.53	-7.93	-10.26	-12.85	-15.66	-18.52	-21.26	-23.86	-26.17	-28.00	-29.47	-30.65	-31.47	-32.00	-32.46	-32.84	-33.14	-33.47	
70	4.65	4.96	4.95	4.48	4.48	4.06	3.61	3.20	2.83	2.40	2.00	1.61	1.63	0.33	-0.48	-1.42	-2.56	-3.75	-5.19	-6.82	-9.70	-12.71	-15.51	-18.33	-20.95	-23.35	-25.46	-27.30	-28.86	-29.53	-30.06	-30.45	-30.74	-31.04	-31.27	-31.47	
75	4.65	4.91	4.91	4.52	4.50	4.08	3.63	3.22	2.86	2.50	2.10	1.57	0.94	-0.20	-1.40	-2.66	-3.93	-5.15	-6.66	-8.46	-10.86	-13.57	-16.27	-18.94	-21.42	-23.64	-25.60	-27.24	-28.58	-29.43	-30.01	-30.39	-30.68	-30.89	-31.04	-31.17	
80	4.65	4.93	4.89	4.48	4.45	4.03	3.58	3.23	2.86	2.55	2.17	1.53	0.81	-0.01	-0.95	-1.94	-3.23	-4.59	-6.08	-8.55	-11.08	-13.52	-16.00	-18.42	-20.74	-22.88	-24.80	-26.43	-27.80	-28.83	-29.46	-29.87	-30.14	-30.32	-30.44	-30.57	
85	4.65	4.96	4.96	4.58	4.58	4.16	3.71	3.35	2.97	2.60	2.25	1.84	1.08	0.20	-0.81	-1.86	-3.20	-4.59	-6.08	-8.55	-11.08	-13.52	-16.00	-18.42	-20.74	-22.88	-24.80	-26.43	-27.80	-28.83	-29.46	-29.87	-30.14	-30.32	-30.44	-30.57	
90	4.65	4.94	4.90	4.44	4.40	4.02	3.58	3.20	2.87	2.50	2.18	1.98	1.31	0.44	-0.59	-1.71	-3.08	-4.49	-5.82	-7.40	-10.08	-12.78	-15.40	-17.98	-20.53	-22.97	-25.31	-27.48	-29.40	-31.04	-32.43	-33.60	-34.58	-35.31	-35.87	-36.31	
95	4.65	4.95	4.90	4.44	4.40	4.02	3.58	3.20	2.87	2.50	2.18	1.98	1.31	0.44	-0.59	-1.71	-3.08	-4.49	-5.82	-7.40	-10.08	-12.78	-15.40	-17.98	-20.53	-22.97	-25.31	-27.48	-29.40	-31.04	-32.43	-33.60	-34.58	-35.31	-35.87	-36.31	
100	4.65	4.95	4.90	4.44	4.40	4.02	3.58	3.20	2.87	2.50	2.18	1.98	1.31	0.44	-0.59	-1.71	-3.08	-4.49	-5.82	-7.40	-10.08	-12.78	-15.40	-17.98	-20.53	-22.97	-25.31	-27.48	-29.40	-31.04	-32.43	-33.60	-34.58	-35.31	-35.87	-36.31	
105	4.65	4.95	4.90	4.44	4.40	4.02	3.58	3.20	2.87	2.50	2.18	1.98	1.31	0.44	-0.59	-1.71	-3.08	-4.49	-5.82	-7.40	-10.08	-12.78	-15.40	-17.98	-20.53	-22.97	-25.31	-27.48	-29.40	-31.04	-32.43	-33.60	-34.58	-35.31	-35.87	-36.31	
110	4.65	4.95	4.90	4.44	4.40	4.02	3.58	3.20	2.87	2.50	2.18	1.98	1.31	0.44	-0.59	-1.71	-3.08	-4.49	-5.82	-7.40	-10.08	-12.78	-15.40	-17.98	-20.53	-22.97	-25.31	-27.48	-29.40	-31.04	-32.43	-33.60	-34.58	-35.31	-35.87	-36.31	
115	4.65	4.95	4.90	4.44	4.40	4.02	3.58	3.20	2.87	2.50	2.18	1.98	1.31	0.44	-0.59	-1.71	-3.08	-4.49	-5.82	-7.40	-10.08	-12.78	-15.40	-17.98	-20.53	-22.97	-25.31	-27.48	-29.40	-31.04	-32.43	-33.60	-34.58	-35.31	-35.87	-36.31	
120	4.65	4.95	4.90	4.44	4.40	4.02	3.58	3.20	2.87	2.50	2.18	1.98	1.31	0.44	-0.59	-1.71	-3.08	-4.49	-5.82	-7.40	-10.08	-12.78	-15.40	-17.98	-20.53	-22.97	-25.31	-27.48	-29.40	-31.04	-32.43	-33.60	-34.58	-35.31	-35.87	-36.31	
125	4.65	4.91	4.89	4.40	4.40	4.35	4.32	4.30	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34		
130	4.65	4.91	4.89	4.40	4.40	4.35	4.32	4.30	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34		
135	4.65	4.91	4.89	4.40	4.40	4.35	4.32	4.30	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34		
140	4.65	4.91	4.89	4.40	4.40	4.35	4.32	4.30	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34		
145	4.65	4.91	4.89	4.40	4.40	4.35	4.32	4.30	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34		
150	4.65	4.91	4.89	4.40	4.40	4.35	4.32	4.30	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34		
155	4.65	4.91	4.89	4.40	4.40	4.35	4.32	4.30	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34		
160	4.65	4.91	4.89	4.40	4.40	4.35	4.32	4.30	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34		
165	4.65	4.91	4.89	4.40	4.40	4.35	4.32	4.30	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34		
170	4.65	4.91	4.89	4.40	4.40	4.35	4.32	4.30	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34						