

2D Radiation Pattern- WiFi Ant3 @ 5.9GHz (2/4)

[illegible]

2D Radiation Pattern- WiFi Ant3 @ 5.9GHz (3/4)

Theta(Pt)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90
182	-4.49	-5.57	-6.65	-7.73	-8.81	-9.88	-10.95	-12.02	-13.09	-14.16	-15.23	-16.30	-17.37	-18.44	-19.51	-20.58	-21.65	-22.72	-23.79	-24.86	-25.93	-27.00	-28.07	-29.14	-30.21	-31.28	-32.35	-33.42	-34.49	-35.56	-36.63	-37.70	-38.77	-39.84	-40.91	-41.98	-43.05	-44.12	-45.19	-46.26	-47.33	-48.40	-49.47	-50.54		
184	-5.64	-6.80	-7.96	-9.12	-10.28	-11.44	-12.60	-13.76	-14.92	-16.08	-17.24	-18.40	-19.56	-20.72	-21.88	-23.04	-24.20	-25.36	-26.52	-27.68	-28.84	-30.00	-31.16	-32.32	-33.48	-34.64	-35.80	-36.96	-38.12	-39.28	-40.44	-41.60	-42.76	-43.92	-45.08	-46.24	-47.40	-48.56	-49.72	-50.88	-52.04	-53.20	-54.36			
186	-4.97	-6.18	-7.39	-8.59	-9.79	-10.99	-12.19	-13.39	-14.59	-15.79	-16.99	-18.19	-19.39	-20.59	-21.79	-22.99	-24.19	-25.39	-26.59	-27.79	-28.99	-30.19	-31.39	-32.59	-33.79	-34.99	-36.19	-37.39	-38.59	-39.79	-40.99	-42.19	-43.39	-44.59	-45.79	-46.99	-48.19	-49.39	-50.59	-51.79	-52.99	-54.19	-55.39			
188	-4.46	-5.70	-6.94	-8.17	-9.40	-10.63	-11.86	-13.09	-14.32	-15.55	-16.78	-18.01	-19.24	-20.47	-21.70	-22.93	-24.16	-25.39	-26.62	-27.85	-29.08	-30.31	-31.54	-32.77	-34.00	-35.23	-36.46	-37.69	-38.92	-40.15	-41.38	-42.61	-43.84	-45.07	-46.30	-47.53	-48.76	-49.99	-51.22	-52.45	-53.68	-54.91	-56.14			
190	-4.98	-6.16	-7.34	-8.51	-9.68	-10.85	-12.02	-13.19	-14.36	-15.53	-16.70	-17.87	-19.04	-20.21	-21.38	-22.55	-23.72	-24.89	-26.06	-27.23	-28.40	-29.57	-30.74	-31.91	-33.08	-34.25	-35.42	-36.59	-37.76	-38.93	-40.10	-41.27	-42.44	-43.61	-44.78	-45.95	-47.12	-48.29	-49.46	-50.63	-51.80	-52.97	-54.14	-55.31		
192	-4.32	-5.60	-6.87	-8.14	-9.41	-10.68	-11.95	-13.22	-14.49	-15.76	-17.03	-18.30	-19.57	-20.84	-22.11	-23.38	-24.65	-25.92	-27.19	-28.46	-29.73	-31.00	-32.27	-33.54	-34.81	-36.08	-37.35	-38.62	-39.89	-41.16	-42.43	-43.70	-44.97	-46.24	-47.51	-48.78	-49.95	-51.12	-52.39	-53.66	-54.93	-56.20	-57.47			
194	-3.71	-5.02	-6.31	-7.60	-8.89	-10.18	-11.47	-12.76	-14.05	-15.34	-16.63	-17.92	-19.21	-20.50	-21.79	-23.08	-24.37	-25.66	-26.95	-28.24	-29.53	-30.82	-32.11	-33.40	-34.69	-35.98	-37.27	-38.56	-39.85	-41.14	-42.43	-43.72	-45.01	-46.30	-47.59	-48.88	-50.17	-51.46	-52.75	-54.04	-55.33	-56.62	-57.91			
196	-3.89	-5.20	-6.50	-7.80	-9.10	-10.40	-11.70	-13.00	-14.30	-15.60	-16.90	-18.20	-19.50	-20.80	-22.10	-23.40	-24.70	-26.00	-27.30	-28.60	-29.90	-31.20	-32.50	-33.80	-35.10	-36.40	-37.70	-39.00	-40.30	-41.60	-42.90	-44.20	-45.50	-46.80	-48.10	-49.40	-50.70	-52.00	-53.30	-54.60	-55.90	-57.20				
198	-3.76	-5.06	-6.35	-7.64	-8.93	-10.22	-11.51	-12.80	-14.09	-15.38	-16.67	-17.96	-19.25	-20.54	-21.83	-23.12	-24.41	-25.70	-27.00	-28.29	-29.58	-30.87	-32.16	-33.45	-34.74	-36.03	-37.32	-38.61	-39.90	-41.19	-42.48	-43.77	-45.06	-46.35	-47.64	-48.93	-50.22	-51.51	-52.80	-54.09	-55.38	-56.67	-57.96			
200	-3.81	-5.10	-6.39	-7.68	-8.97	-10.26	-11.55	-12.84	-14.13	-15.42	-16.71	-18.00	-19.29	-20.58	-21.87	-23.16	-24.45	-25.74	-27.03	-28.32	-29.61	-30.90	-32.19	-33.48	-34.77	-36.06	-37.35	-38.64	-39.93	-41.22	-42.51	-43.80	-45.09	-46.38	-47.67	-48.96	-50.25	-51.54	-52.83	-54.12	-55.41	-56.70				
202	-4.12	-5.39	-6.66	-7.93	-9.20	-10.47	-11.74	-13.01	-14.28	-15.55	-16.82	-18.09	-19.36	-20.63	-21.90	-23.17	-24.44	-25.71	-26.98	-28.25	-29.52	-30.79	-32.06	-33.33	-34.60	-35.87	-37.14	-38.41	-39.68	-40.95	-42.22	-43.49	-44.76	-46.03	-47.30	-48.57	-49.84	-51.11	-52.38	-53.65	-54.92	-56.19				
204	-4.38	-5.64	-6.90	-8.16	-9.42	-10.68	-11.94	-13.20	-14.46	-15.72	-16.98	-18.24	-19.50	-20.76	-22.02	-23.28	-24.54	-25.80	-27.06	-28.32	-29.58	-30.84	-32.10	-33.36	-34.62	-35.88	-37.14	-38.40	-39.66	-40.92	-42.18	-43.44	-44.70	-45.96	-47.22	-48.48	-49.74	-51.00	-52.26	-53.52	-54.78	-56.04				
206	-4.48	-5.73	-6.98	-8.23	-9.48	-10.73	-11.98	-13.23	-14.48	-15.73	-16.98	-18.23	-19.48	-20.73	-21.98	-23.23	-24.48	-25.73	-26.98	-28.23	-29.48	-30.73	-31.98	-33.23	-34.48	-35.73	-36.98	-38.23	-39.48	-40.73	-41.98	-43.23	-44.48	-45.73	-46.98	-48.23	-49.48	-50.73	-51.98	-53.23	-54.48	-55.73				
208	-4.35	-5.60	-6.85	-8.10	-9.35	-10.60	-11.85	-13.10	-14.35	-15.60	-16.85	-18.10	-19.35	-20.60	-21.85	-23.10	-24.35	-25.60	-26.85	-28.10	-29.35	-30.60	-31.85	-33.10	-34.35	-35.60	-36.85	-38.10	-39.35	-40.60	-41.85	-43.10	-44.35	-45.60	-46.85	-48.10	-49.35	-50.60	-51.85	-53.10	-54.35	-55.60				
210	-5.34	-6.53	-7.71	-8.89	-10.07	-11.25	-12.43	-13.61	-14.79	-15.97	-17.15	-18.33	-19.51	-20.69	-21.87	-23.05	-24.23	-25.41	-26.59	-27.77	-28.95	-30.13	-31.31	-32.49	-33.67	-34.85	-36.03	-37.21	-38.39	-39.57	-40.75	-41.93	-43.11	-44.29	-45.47	-46.65	-47.83	-49.01	-50.19	-51.37	-52.55	-53.73				
212	-5.68	-6.85	-8.02	-9.19	-10.36	-11.53	-12.70	-13.87	-15.04	-16.21	-17.38	-18.55	-19.72	-20.89	-22.06	-23.23	-24.40	-25.57	-26.74	-27.91	-29.08	-30.25	-31.42	-32.59	-33.76	-34.93	-36.10	-37.27	-38.44	-39.61	-40.78	-41.95	-43.12	-44.29	-45.46	-46.63	-47.80	-48.97	-50.14	-51.31	-52.48	-53.65				
214	-4.91	-6.17	-7.43	-8.68	-9.93	-11.18	-12.43	-13.68	-14.93	-16.18	-17.43	-18.68	-19.93	-21.18	-22.43	-23.68	-24.93	-26.18	-27.43	-28.68	-29.93	-31.18	-32.43	-33.68	-34.93	-36.18	-37.43	-38.68	-39.93	-41.18	-42.43	-43.68	-44.93	-46.18	-47.43	-48.68	-49.93	-51.18	-52.43	-53.68	-54.93	-56.18				
216	-4.83	-6.08	-7.33	-8.58	-9.83	-11.08	-12.33	-13.58	-14.83	-16.08	-17.33	-18.58	-19.83	-21.08	-22.33	-23.58	-24.83	-26.08	-27.33	-28.58	-29.83	-31.08	-32.33	-33.58	-34.83	-36.08	-37.33	-38.58	-39.83	-41.08	-42.33	-43.58	-44.83	-46.08	-47.33	-48.58	-49.83	-51.08	-52.33	-53.58	-54.83	-56.08				
218	-4.61	-5.87	-7.13	-8.39	-9.65	-10.91	-12.17	-13.43	-14.69	-15.95	-17.21	-18.47	-19.73	-20.99	-22.25	-23.51	-24.77	-26.03	-27.29	-28.55	-29.81	-31.07	-32.33	-33.59	-34.85	-36.11	-37.37	-38.63	-39.89	-41.15	-42.41	-43.67	-44.93	-46.19	-47.45	-48.71	-49.97	-51.23	-52.49	-53.75	-55.01					
220	-4.71	-5.96	-7.21	-8.46	-9.71	-10.96	-12.21	-13.46	-14.71	-15.96	-17.21	-18.46	-19.71	-20.96	-22.21	-23.46	-24.71	-25.96	-27.21	-28.46	-29.71	-30.96	-32.21	-33.46	-34.71	-35.96	-37.21	-38.46	-39.71	-40.96	-42.21	-43.46	-44.71	-45.96	-47.21	-48.46	-49.71	-50.96	-52.21	-53.46	-54.71	-55.96				
222	-3.99	-5.24	-6.49	-7.74	-8.99	-10.24	-11.49	-12.74	-13.99	-15.24	-16.49	-17.74	-18.99	-20.24	-21.49	-22.74	-23.99	-25.24	-26.49	-27.74	-28.99	-30.24	-31.49	-32.74	-33.99	-35.24	-36.49	-37.74	-38.99	-40.24	-41.49	-42.74	-43.99	-45.24	-46.49	-47.74	-48.99	-50.24	-51.49	-52.74	-53.99	-55.24				
224	-4.31	-5.56	-6.81	-8.06	-9.31	-10.56	-11.81	-13.06	-14.31	-15.56	-16.81	-18.06	-19.31	-20.56	-21.81	-23.06	-24.31	-25.56	-26.81	-28.06	-29.31	-30.56	-31.81	-33.06	-34.31	-35.56	-36.81	-38.06	-39.31	-40.56	-41.81	-43.06	-44.31	-45.56	-46.81	-48.06	-49.31	-50.56	-51.81	-53.06	-54.31	-55.56				
226	-4.89	-6.14	-7.39	-8.64	-9.89	-11.14	-12.39	-13.64	-14.89	-16.14	-17.39	-18.64	-19.89	-21.14	-22.39	-23.64	-24.89	-26.14	-27.39	-28.64	-29.89	-31.14	-32.39	-33.64	-34.89	-36.14	-37.39	-38.64	-39.89	-41.14	-42.39	-43.64	-44.89	-46.14	-47.39	-48.64	-49.89	-51.14	-52.39	-53.64	-54.89	-56.14				
228	-4.84	-6.09	-7.34	-8.59	-9.84	-11.09	-12.34	-13.59	-14.84	-16.09	-17.34	-18.59	-19.84	-21.09	-22.34	-23.59	-24.84	-26.09	-27.34	-28.59	-29.84	-31.09	-32.34	-33.59	-34.84	-36.09	-37.34	-38.59	-39.84	-41.09	-42.34	-43.59	-44.84	-46.09	-47.34	-48.59	-49.84	-51.09	-52.34	-53.59	-54.84	-56.09				
230	-4.84	-6.09	-7.34	-8.59	-9.84	-11.09	-12.34	-13.59	-14.84	-16.09	-17.34	-18.59	-19.84	-21.09	-22.34	-23.59	-24.84	-26.09	-27.34	-28.59	-29.84	-31.09	-32.34	-33.59	-34.84	-36.09	-37.34	-38.59	-39.84	-41.09	-42.34	-43.59	-44.84	-46.09	-47.34	-48.59	-49.84	-51.09	-52.34	-53.59	-54.84	-56.09				
232	-4.84	-6.09	-7.34	-8.59	-9.84	-11.09	-12.34	-13.59	-14.84	-16.09	-17.34	-18.59	-19.84	-21.09	-22.34	-23.59	-24.84	-26.09	-27.34	-28.59	-29.84	-31.09	-32.34	-33.59	-34.84	-36.09	-37.34	-38.59	-39.84	-41.09	-42.34	-43.59	-44.84	-46.09	-47.34	-48.59	-49.84	-51.09	-52.34	-53.59	-54.84	-56.09				
234	-4.84	-6.09	-7.34	-8.59	-9.84	-11.09	-12.34	-13.59	-14.84	-16.09	-17.34	-18.59	-19.84	-21.09	-22.34	-23.59	-24.84	-26.09	-27.34	-28.59	-29.84	-31.09	-32.34	-33.59	-34.84	-36.09	-37.34	-38.59	-39.84	-41.09	-42.34	-43.59	-44.84	-46.09	-47.34	-48.59	-49.84	-51.09	-52.34	-53.59	-54.84	-56.09				
236	-4.84	-6.09	-7.34	-8.59	-9.84	-11.09	-12.34	-13.59	-14.84	-16.09	-17.34	-18.59	-19.84	-21.09	-22.34	-23.59	-24.84	-26.09	-27.34	-28.59	-29.84	-31.09	-32.34	-33.59	-34.84	-36.09	-37.34	-38.59	-39.84	-41.09	-42.34	-43.59	-44.84	-46.09	-47.34											

2D Radiation Pattern- WiFi Ant3 @ 5.9GHz (4/4)

[illegible]

2D Radiation Pattern-WiFi Ant3 @ 6.5GHz (1/4)

Theta(Deg)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90		
0	5.49	5.41	5.42	5.51	5.64	5.82	6.00	6.18	6.34	6.46	6.51	6.49	6.41	6.29	6.15	6.02	5.91	5.82	5.74	5.68	5.61	5.55	5.49	5.43	5.38	5.34	5.31	5.30	5.29	5.28	5.26	5.24	5.22	5.19	5.16	5.14	5.11	5.10	5.10	5.09	5.08	5.07	5.06	5.05	5.04	5.03		
2	5.58	5.50	5.49	5.55	5.70	5.92	6.10	6.26	6.40	6.47	6.22	6.17	6.04	5.87	5.68	5.52	5.41	5.29	5.20	5.16	5.12	5.10	5.12	5.17	5.22	5.27	5.30	5.32	5.34	5.35	5.36	5.37	5.38	5.39	5.40	5.41	5.42	5.43	5.44	5.45	5.46	5.47	5.48	5.49	5.50	5.51		
4	5.49	5.48	5.43	5.70	5.85	6.07	6.27	6.37	6.39	6.32	5.91	5.76	5.56	5.25	4.92	4.58	4.20	3.82	3.45	3.10	2.78	2.49	2.24	2.03	1.86	1.72	1.61	1.52	1.45	1.40	1.36	1.33	1.31	1.30	1.29	1.28	1.27	1.26	1.25	1.24	1.23	1.22	1.21	1.20	1.19	1.18		
6	5.47	5.44	5.37	5.40	5.40	5.40	5.28	5.14	4.97	4.72	4.39	4.01	3.59	3.13	2.65	2.16	1.66	1.15	0.64	0.13	-0.38	-0.90	-1.42	-1.94	-2.46	-2.97	-3.47	-3.96	-4.44	-4.90	-5.34	-5.76	-6.16	-6.54	-6.90	-7.24	-7.56	-7.86	-8.13	-8.37	-8.58	-8.74	-8.85	-8.91				
8	5.450	5.436	5.39	5.425	5.462	5.494	5.490	5.37	5.19	4.96	4.62	4.16	3.57	2.95	2.30	1.64	1.07	0.50	-0.07	-0.68	-1.29	-1.90	-2.50	-3.09	-3.66	-4.21	-4.74	-5.25	-5.74	-6.21	-6.65	-7.06	-7.44	-7.79	-8.12	-8.42	-8.68	-8.90	-9.08	-9.22	-9.34	-9.42	-9.46					
10	5.37	5.34	5.26	5.14	5.00	4.82	4.58	4.26	3.85	3.35	2.78	2.15	1.48	0.78	0.07	-0.65	-1.36	-2.05	-2.72	-3.37	-3.99	-4.58	-5.14	-5.67	-6.17	-6.64	-7.08	-7.49	-7.87	-8.22	-8.54	-8.83	-9.08	-9.29	-9.46	-9.60	-9.71	-9.79	-9.83	-9.85	-9.86	-9.86	-9.85					
12	4.27	4.08	4.02	4.09	4.24	4.46	4.69	4.94	5.16	5.32	5.41	5.39	5.30	5.18	5.04	4.89	4.68	4.48	4.29	4.10	3.90	3.69	3.48	3.27	3.06	2.85	2.64	2.43	2.22	2.01	1.80	1.59	1.38	1.17	0.96	0.75	0.54	0.33	0.12	-0.09	-0.30	-0.51	-0.72	-0.93				
14	4.20	4.05	4.02	4.08	4.23	4.42	4.65	4.87	5.08	5.25	5.29	5.20	5.02	4.74	4.50	4.27	4.04	3.81	3.58	3.35	3.12	2.89	2.66	2.43	2.20	1.97	1.74	1.51	1.28	1.05	0.82	0.59	0.36	0.13	-0.10	-0.33	-0.56	-0.79	-1.02	-1.25	-1.48	-1.71	-1.94					
16	4.16	4.05	4.04	4.11	4.25	4.44	4.63	4.84	5.01	5.20	5.31	5.36	5.36	5.31	5.29	5.26	5.21	5.26	5.27	5.27	5.25	5.19	5.10	4.99	4.86	4.72	4.57	4.43	4.28	4.14	4.00	3.87	3.74	3.63	3.52	3.43	3.35	3.28	3.22	3.15	3.09	3.02	2.94	2.87	2.80	2.75		
18	4.11	4.08	4.09	4.17	4.30	4.46	4.61	4.83	5.02	5.17	5.29	5.36	5.42	5.46	5.46	5.42	5.36	5.28	5.18	5.06	4.92	4.78	4.63	4.48	4.33	4.18	4.03	3.88	3.73	3.58	3.43	3.28	3.13	2.98	2.83	2.68	2.53	2.38	2.23	2.08	1.93	1.78	1.63	1.48				
20	4.13	4.12	4.16	4.24	4.35	4.50	4.68	4.82	4.98	5.15	5.29	5.41	5.50	5.58	5.68	5.69	5.57	5.39	5.19	4.92	4.58	4.19	3.76	3.30	2.82	2.34	1.86	1.38	0.90	0.42	-0.06	-0.54	-1.02	-1.50	-1.98	-2.46	-2.94	-3.42	-3.90	-4.38	-4.86	-5.34	-5.82					
22	4.11	4.23	4.32	4.41	4.52	4.64	4.78	4.96	5.10	5.20	5.29	5.41	5.54	5.64	5.69	5.60	5.40	5.07	4.61	4.03	3.35	2.58	1.73	0.80	-0.20	-1.20	-2.19	-3.17	-4.15	-5.13	-6.11	-7.09	-8.07	-9.05	-10.03	-11.01	-12.00	-13.00	-14.00	-15.00	-16.00	-17.00	-18.00					
24	4.13	4.20	4.28	4.37	4.47	4.59	4.71	4.85	5.00	5.15	5.32	5.50	5.67	5.83	5.97	6.08	6.13	6.07	5.91	5.63	5.24	4.74	4.14	3.44	2.74	2.04	1.34	0.64	-0.06	-0.76	-1.46	-2.16	-2.86	-3.56	-4.26	-4.96	-5.66	-6.36	-7.06	-7.76	-8.46	-9.16	-9.86					
26	4.11	4.23	4.32	4.42	4.52	4.62	4.74	4.87	5.02	5.18	5.37	5.57	5.79	5.99	6.17	6.30	6.38	6.40	6.38	6.24	5.94	5.54	5.04	4.44	3.84	3.24	2.64	2.04	1.44	0.84	0.24	-0.36	-0.96	-1.56	-2.16	-2.76	-3.36	-3.96	-4.56	-5.16	-5.76	-6.36	-6.96					
28	4.08	4.13	4.21	4.30	4.40	4.50	4.60	4.69	4.85	5.02	5.20	5.39	5.59	5.78	5.96	6.11	6.21	6.28	6.29	6.27	6.22	6.14	6.04	5.92	5.81	5.66	5.48	5.29	5.08	4.85	4.61	4.35	4.09	3.82	3.55	3.29	3.05	2.82	2.60	2.45	2.29	2.13	1.98	1.82	1.65	1.51	1.36	1.24
30	4.08	4.05	4.10	4.19	4.30	4.42	4.54	4.67	4.82	4.97	5.10	5.26	5.43	5.60	5.77	5.96	6.09	6.20	6.28	6.34	6.37	6.36	6.30	6.21	6.09	5.96	5.82	5.67	5.50	5.32	5.14	4.95	4.76	4.57	4.38	4.19	4.00	3.81	3.62	3.43	3.24	3.05	2.86	2.67	2.48			
32	4.08	4.13	4.21	4.30	4.40	4.50	4.60	4.69	4.85	5.02	5.20	5.39	5.59	5.78	5.96	6.11	6.21	6.28	6.29	6.27	6.22	6.14	6.04	5.92	5.77	5.60	5.39	5.18	4.95	4.70	4.45	4.20	3.94	3.68	3.42	3.16	2.90	2.64	2.38	2.12	1.86	1.60	1.34	1.08	0.82			
34	4.05	4.08	4.19	4.30	4.42	4.54	4.67	4.82	4.97	5.10	5.26	5.43	5.60	5.77	5.96	6.09	6.20	6.28	6.34	6.37	6.36	6.30	6.21	6.09	5.96	5.82	5.67	5.50	5.32	5.14	4.95	4.76	4.57	4.38	4.19	4.00	3.81	3.62	3.43	3.24	3.05	2.86	2.67	2.48				
36	4.03	4.08	4.19	4.30	4.42	4.54	4.67	4.82	4.97	5.10	5.26	5.43	5.60	5.77	5.96	6.09	6.20	6.28	6.34	6.37	6.36	6.30	6.21	6.09	5.96	5.82	5.67	5.50	5.32	5.14	4.95	4.76	4.57	4.38	4.19	4.00	3.81	3.62	3.43	3.24	3.05	2.86	2.67	2.48				
38	4.01	4.11	4.24	4.36	4.49	4.62	4.75	4.87	5.01	5.16	5.29	5.45	5.58	5.69	5.78	5.82	5.79	5.68	5.53	5.34	5.12	4.88	4.62	4.36	4.09	3.82	3.55	3.29	3.05	2.82	2.60	2.45	2.29	2.13	1.98	1.82	1.66	1.51	1.36	1.24	1.10	0.94	0.78	0.62				
40	4.01	4.11	4.24	4.36	4.49	4.62	4.75	4.87	5.01	5.16	5.29	5.45	5.58	5.69	5.78	5.82	5.79	5.68	5.53	5.34	5.12	4.88	4.62	4.36	4.09	3.82	3.55	3.29	3.05	2.82	2.60	2.45	2.29	2.13	1.98	1.82	1.66	1.51	1.36	1.24	1.10	0.94	0.78	0.62				
42	4.01	4.11	4.24	4.36	4.49	4.62	4.75	4.87	5.01	5.16	5.29	5.45	5.58	5.69	5.78	5.82	5.79	5.68	5.53	5.34	5.12	4.88	4.62	4.36	4.09	3.82	3.55	3.29	3.05	2.82	2.60	2.45	2.29	2.13	1.98	1.82	1.66	1.51	1.36	1.24	1.10	0.94	0.78	0.62				
44	4.01	4.11	4.24	4.36	4.49	4.62	4.75	4.87	5.01	5.16	5.29	5.45	5.58	5.69	5.78	5.82	5.79	5.68	5.53	5.34	5.12	4.88	4.62	4.36	4.09	3.82	3.55	3.29	3.05	2.82	2.60	2.45	2.29	2.13	1.98	1.82	1.66	1.51	1.36	1.24	1.10	0.94	0.78	0.62				
46	4.01	4.11	4.24	4.36	4.49	4.62	4.75	4.87	5.01	5.16	5.29	5.45	5.58	5.69	5.78	5.82	5.79	5.68	5.53	5.34	5.12	4.88	4.62	4.36	4.09	3.82	3.55	3.29	3.05	2.82	2.60	2.45	2.29	2.13	1.98	1.82	1.66	1.51	1.36	1.24	1.10	0.94	0.78	0.62				
48	4.01	4.11	4.24	4.36	4.49	4.62	4.75	4.87	5.01	5.16	5.29	5.45	5.58	5.69	5.78	5.82	5.79	5.68	5.53	5.34	5.12	4.88	4.62	4.36	4.09	3.82	3.55	3.29	3.05	2.82	2.60	2.45	2.29	2.13	1.98	1.82	1.66	1.51	1.36	1.24	1.10	0.94	0.78	0.62				
50	4.01	4.11	4.24	4.36	4.49	4.62	4.75	4.87	5.01	5.16	5.29	5.45	5.58	5.69	5.78	5.82	5.79	5.68	5.53	5.34	5.12	4.88	4.62	4.36	4.09	3.82	3.55	3.29	3.05	2.82	2.60	2.45	2.29	2.13	1.98	1.82	1.66	1.51	1.36	1.24	1.10	0.94	0.78	0.62				
52	4.01	4.11	4.24	4.36	4.49	4.62	4.75	4.87	5.01	5.16	5.29	5.45	5.58	5.69	5.78	5.82	5.79	5.68	5.53	5.34	5.12	4.88	4.62	4.36	4.09	3.82	3.55	3.29	3.05	2.82	2.60	2.45	2.29	2.13	1.98	1.82	1.66	1.51	1.36	1.24	1.10	0.94	0.78	0.62				
54	4.01	4.11	4.24	4.36	4.49	4.62	4.75	4.87	5.01	5.16	5.29	5.45	5.58	5.69	5.78	5.82	5.79	5.68	5.53	5.34	5.12	4.88	4.62	4.36	4.09	3.82	3.55	3.29	3.05	2.82	2.60	2.45	2.29	2.13	1.98	1.82	1.66	1.51	1.36	1.24	1.10	0.94	0.78	0.62				
56	4.01	4.11	4.24	4.36	4.49	4.62	4.75	4.87	5.01	5.16	5.29	5.45	5.58	5.69	5.78	5.82	5.79	5.68	5.53	5.34	5.12	4.88	4.62	4.36	4.09	3.82	3.55	3.29	3.05	2.82	2.60	2.45	2.29	2.13	1.98	1.82	1.66	1.51	1.36	1.24	1.10	0.94	0.78	0.62				
58	4.01	4.11	4.24	4.36	4.49	4.62	4.75	4.87	5.01	5.16																																						

2D Radiation Pattern- WiFi Ant3 @ 6.5GHz (2/4)

Theta/Deg	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80				
0	4.40	4.39	4.33	4.26	4.21	4.19	4.19	4.22	4.27	4.33	4.39	4.45	4.50	4.54	4.57	4.58	4.57	4.56	4.53	4.51	4.49	4.47	4.45	4.43	4.41	4.39	4.37	4.35	4.32	4.28	4.24	4.19	4.14	4.09	4.05	4.01	4.00	4.01	4.06	4.16	4.32	4.51	4.68	4.82	4.99
2	5.89	5.88	5.84	5.76	5.72	5.68	5.65	5.65	5.67	5.72	5.79	5.86	5.94	6.00	6.02	6.04	6.03	6.01	6.00	5.98	5.96	5.94	5.92	5.90	5.88	5.86	5.84	5.82	5.80	5.76	5.70	5.63	5.57	5.50	5.42	5.40	5.42	5.45	5.45	5.52	5.61	5.70	5.82	5.96	
4	5.40	5.39	5.36	5.31	5.25	5.19	5.14	5.11	5.11	5.15	5.24	5.30	5.46	5.57	5.64	5.67	5.65	5.62	5.58	5.53	5.50	5.48	5.47	5.45	5.43	5.40	5.38	5.35	5.32	5.26	5.19	5.10	5.00	4.88	4.81	4.81	4.89	5.08	5.33	5.59	5.80	6.03	6.29	6.58	
6	4.42	4.41	4.40	4.34	4.26	4.20	4.16	4.12	4.08	4.02	4.00	4.02	4.06	4.07	4.05	4.02	4.01	4.00	3.99	3.97	3.95	3.93	3.91	3.89	3.87	3.85	3.83	3.80	3.75	3.70	3.63	3.56	3.48	3.42	3.41	3.42	3.45	3.47	3.48	3.50	3.52	3.54	3.57	3.60	
8	4.45	4.44	4.42	4.38	4.33	4.26	4.20	4.15	4.13	4.16	4.22	4.34	4.46	4.57	4.65	4.67	4.66	4.61	4.56	4.50	4.47	4.44	4.43	4.42	4.41	4.40	4.38	4.35	4.34	4.32	4.29	4.26	4.20	4.13	4.02	3.97	3.73	3.61	3.57	3.62	3.80	4.06	4.33	4.55	4.80
10	5.39	5.38	5.36	5.30	5.20	5.07	4.92	4.75	4.59	4.42	4.26	4.08	3.86	3.64	3.45	3.30	3.20	3.15	3.12	3.10	3.08	3.06	3.04	3.02	3.00	2.98	2.96	2.94	2.91	2.87	2.82	2.75	2.68	2.60	2.52	2.45	2.40	2.42	2.46	2.50	2.54	2.57	2.60	2.63	
12	5.55	5.53	5.51	5.48	5.45	5.40	5.36	5.32	5.30	5.31	5.36	5.44	5.57	5.69	5.84	5.92	5.92	5.87	5.78	5.72	5.67	5.62	5.58	5.54	5.51	5.48	5.45	5.42	5.39	5.36	5.34	5.31	5.30	5.29	5.28	5.24	5.20	5.16	5.12	5.08	5.07	5.07	5.08	5.12	5.17
14	5.12	5.09	5.07	5.06	5.02	4.99	4.96	4.94	4.94	4.96	4.99	5.04	5.12	5.20	5.26	5.29	5.27	5.23	5.19	5.16	5.13	5.10	5.08	5.06	5.04	5.02	5.00	4.98	4.96	4.94	4.92	4.90	4.88	4.86	4.84	4.82	4.80	4.78	4.76	4.74	4.72	4.70	4.68	4.66	
16	2.70	2.67	2.64	2.62	2.61	2.60	2.59	2.58	2.58	2.59	2.60	2.62	2.64	2.65	2.65	2.64	2.61	2.57	2.52	2.48	2.43	2.38	2.33	2.28	2.23	2.17	2.12	2.08	2.04	2.01	1.98	1.96	1.92	1.87	1.78	1.66	1.53	1.42	1.35	1.35	1.44	1.59	1.78	1.92	1.98
18	2.29	2.25	2.22	2.21	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.21	2.21	2.21	2.21	2.21	2.12	2.08	2.05	2.01	1.96	1.90	1.84	1.78	1.71	1.64	1.58	1.51	1.44	1.37	1.30	1.23	1.16	1.08	0.98	0.88	0.76	0.66	0.58	0.52	0.47	0.43			
20	1.90	1.85	1.81	1.80	1.81	1.84	1.85	1.93	1.94	1.84	1.79	1.70	1.57	1.40	1.19	1.02	0.84	0.69	0.57	0.47	0.38	0.30	0.23	0.17	0.12	0.08	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
22	1.51	1.45	1.41	1.41	1.42	1.47	1.54	1.60	1.54	1.46	1.30	1.05	0.78	0.48	0.26	0.14	0.07	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
24	1.14	1.07	1.02	1.02	1.05	1.12	1.21	1.29	1.35	1.37	1.33	1.25	1.14	1.03	0.94	0.86	0.80	0.80	0.84	0.82	0.79	0.75	0.69	0.61	0.53	0.44	0.35	0.27	0.19	0.13	0.08	0.06	0.04	0.04	0.02	0.00	0.04	0.09	0.14	0.18	0.20	0.20	0.17	0.14	
26	0.98	0.91	0.86	0.86	0.90	1.01	1.04	1.06	1.06	1.05	1.01	0.92	0.80	0.67	0.51	0.37	0.25	0.16	0.09	0.05	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		
28	0.64	0.54	0.49	0.49	0.54	0.64	0.68	0.78	0.81	0.77	0.68	0.55	0.42	0.31	0.25	0.22	0.22	0.21	0.20	0.17	0.15	0.11	0.04	0.04	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		
30	0.36	0.31	0.29	0.29	0.34	0.41	0.54	0.68	0.78	0.81	0.77	0.68	0.55	0.42	0.31	0.25	0.22	0.21	0.20	0.17	0.15	0.11	0.04	0.04	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		
32	0.26	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23		
34	0.91	0.99	1.03	1.02	0.96	0.84	0.70	0.55	0.41	0.31	0.26	0.26	0.28	0.32	0.36	0.37	0.38	0.39	0.38	0.37	0.36	0.35	0.34	0.33	0.34	0.36	0.40	0.44	0.48	0.51	0.54	0.54	0.53	0.52	0.49	0.47	0.45	0.43	0.40	0.35	0.30	0.22	0.12	0.02	0.08
36	1.27	1.37	1.51	1.76	2.16	2.69	3.28	3.87	4.40	4.85	5.19	5.40	5.48	5.45	5.31	5.08	4.78	4.45	4.10	3.74	3.38	3.02	2.66	2.30	2.00	1.75	1.54	1.36	1.22	1.12	1.06	1.03	1.02	1.01	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	
40	1.51	1.59	1.61	1.58	1.51	1.40	1.26	1.10	0.95	0.81	0.70	0.63	0.58	0.54	0.52	0.51	0.50	0.49	0.48	0.45	0.41	0.36	0.30	0.25	0.21	0.18	0.16	0.15	0.14	0.13	0.10	0.08	0.05	0.03	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00		
44	2.12	2.15	2.14	2.09	2.00	1.87	1.71	1.54	1.37	1.21	1.06	0.94	0.85	0.77	0.72	0.69	0.67	0.65	0.63	0.59	0.52	0.47	0.41	0.35	0.30	0.26	0.23	0.21	0.20	0.18	0.14	0.10	0.06	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
46	2.70	2.68	2.63	2.53	2.39	2.22	2.05	1.82	1.63	1.46	1.32	1.21	1.13	1.07	1.04	1.01	0.99	0.97	0.93	0.86	0.76	0.65	0.67	0.59	0.50	0.41	0.36	0.34	0.33	0.32	0.30	0.28	0.26	0.24	0.22	0.20	0.18	0.16	0.14	0.12	0.10	0.08	0.06		
50	3.48	3.41	3.29	3.12	2.81	2.40	2.10	1.80	1.58	1.40	1.26	1.16	1.09	1.04	1.00	0.97	0.94	0.91	0.88	0.84	0.78	0.70	0.61	0.52	0.43	0.34	0.26	0.19	0.13	0.08	0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
52	3.24	3.18	3.07	2.93	2.74	2.51	2.26	2.02	1.81	1.64	1.54	1.49	1.48	1.49	1.49	1.47	1.42	1.35	1.26	1.15	1.02	0.95	0.74	0.69	0.60	0.51	0.42	0.34	0.26	0.19	0.13	0.08	0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
54	3.75	3.63	3.49	3.31	3.08	2.82	2.53	2.27	2.05	1.90	1.85	1.87	1.94	2.02	2.07	2.07	2.05	1.98	1.84	1.65	1.46	1.23	0.96	0.85	0.78	0.71	0.64	0.56	0.48	0.40	0.32	0.24	0.16	0.09	0.04	0.02	0.01	0.00	0.00	0.00	0.00	0.00			
60	4.14	4.03	3.89	3.71	3.48	3.22	2.94	2.68	2.37	2.17	2.07	2.02	2.08	2.16	2.20	2.18	2.10	1.92	1.68	1.39	1.17	1.02	0.83	0.71	0.61	0.51	0.41	0.31	0.24	0.17	0.11	0.06	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
64	4.47	4.38	4.27	4.13	3.96	3.76	3.55	3.35	3.11	3.14	3.17	3.20	3.27	3.45	3.68	3.97	4.19	4.29	4.26	4.16	4.00	3.78	3.51	3.29	3.03	2.76	2.50	2.24	2.00	1.78	1.59	1.38	1.17	1.00	0.82	0.64	0.46	0.29	0.13	0.06	0.03	0.01			
66	4.71	4.63	4.51	4.35	4.16	4.00	3.80	3.58	3.34	3.38	3.42	3.47	3.67	3.97	4.37	4.87	5.47	6.17	6.87	7.57	8.27	8.97	9.67	10.37	11.07	11.77	12.47	13.17	13.87	14.57	15.27	15.97	16.67	17.37	18.07	18.77	19.47	20.17	20.87	21.57					
68	4.86	4.78	4.71	4.60	4.43	4.32	4.26	4.16	4.03	4.05	4.09	4.12	4.20	4.30	4.43	4.60	4.80	5.03	5.28	5.54	5.81	6.09	6.38	6.68	6.98	7.28	7.58	7.88	8.18	8.48	8.78	9.08	9.38	9.68	9.98	10.28	10.58	10.88	11.18	11.48	11.78	12.08			
70	4.96	4.91	4.87	4.80	4.70	4.60	4.50	4.40	4.30	4.31	4.34	4.38	4.44	4.50	4.56	4.63	4.70	4.77	4.84	4.91	4.98	5.05	5.12	5.19	5.26	5.33	5.40	5.47	5.54	5.61	5.68	5.75	5.82	5.89	5.96	6.03	6.10	6.17	6.24	6.31					

2D Radiation Pattern- WiFi Ant3 @ 6.5GHz (3/4)

Theta(Pt)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90		
182	-13.95	-13.96	-13.98	-13.40	-13.44	-13.49	-13.56	-13.63	-13.70	-13.77	-13.83	-13.86	-13.89	-13.91	-13.94	-13.99	-14.05	-14.11	-14.13	-14.16	-14.19	-13.69	-13.56	-12.99	-12.83	-12.34	-12.14	-12.01	-12.00	-12.02	-12.08	-12.17	-12.28	-12.39	-12.49	-12.59	-12.68	-12.71	-12.79	-12.83	-12.87	-12.91	-12.94	-12.95	-12.93			
184	-12.39	-12.32	-12.25	-12.21	-12.18	-12.17	-12.19	-12.22	-12.25	-12.28	-12.31	-12.34	-12.36	-12.37	-12.39	-12.41	-12.44	-12.46	-12.48	-12.50	-12.51	-12.74	-12.31	-12.19	-12.01	-12.03	-12.06	-12.07	-12.08	-12.07	-12.06	-12.05	-12.07	-12.06	-12.05	-12.06	-12.07	-12.06	-12.11	-12.10	-12.17	-12.14	-12.12	-12.10	-12.08			
186	-11.24	-11.29	-11.36	-11.46	-11.55	-11.68	-11.80	-11.90	-12.00	-12.10	-12.20	-12.28	-12.35	-12.40	-12.43	-12.46	-12.49	-12.52	-12.55	-12.57	-12.59	-12.40	-12.08	-12.23	-12.45	-12.83	-13.25	-13.68	-14.08	-14.45	-14.78	-15.06	-15.29	-15.48	-15.63	-15.74	-15.81	-15.85	-15.86	-15.85	-15.82	-15.77	-15.69	-15.58	-15.44	-15.28		
188	-10.46	-10.58	-10.80	-10.79	-10.57	-10.57	-10.54	-10.44	-10.41	-10.30	-10.18	-10.05	-10.10	-10.20	-10.30	-10.40	-10.50	-10.60	-10.70	-10.80	-10.90	-10.41	-10.08	-0.74	-0.54	-0.45	-0.46	-0.50	-0.56	-0.63	-0.70	-0.78	-0.86	-0.93	-1.00	-1.06	-1.11	-1.15	-1.18	-1.20	-1.21	-1.21	-1.19	-1.16	-1.12	-1.08		
190	-9.90	-10.03	-10.17	-10.31	-10.47	-10.64	-10.83	-11.03	-11.23	-11.41	-11.56	-11.68	-11.78	-11.82	-11.85	-11.86	-11.86	-11.81	-11.68	-11.44	-11.07	-10.54	-0.90	-0.24	-0.24	-0.40	-0.66	-0.97	-1.41	-2.00	-2.78	-3.79	-5.07	-7.47	-10.59	-17.78	-28.97	-40.88	-48.10	-52.00	-54.40	-55.41	-55.81	-55.68				
192	-9.47	-9.60	-9.82	-9.99	-10.25	-10.57	-10.94	-11.35	-11.80	-12.31	-12.86	-13.44	-14.02	-14.60	-15.16	-15.70	-16.21	-16.68	-17.11	-17.50	-17.84	-17.04	-15.86	-14.60	-13.28	-11.94	-10.60	-9.34	-8.16	-7.14	-6.23	-5.39	-4.64	-3.98	-3.34	-2.78	-2.24	-1.78	-1.38	-1.02	-0.72	-0.48	-0.28	-0.14	-0.06			
194	-9.18	-9.40	-9.69	-10.00	-10.37	-10.80	-11.34	-11.94	-12.62	-13.38	-14.22	-15.11	-16.04	-17.00	-17.97	-18.94	-19.90	-20.84	-21.75	-22.61	-23.42	-24.18	-24.89	-25.54	-26.12	-26.63	-27.08	-27.46	-27.78	-28.02	-28.19	-28.28	-28.30	-28.24	-28.12	-27.94	-27.69	-27.36	-26.86	-26.19	-25.36	-24.38	-23.25	-21.98	-20.58			
196	-9.09	-9.30	-9.49	-9.71	-10.00	-10.38	-10.84	-11.37	-11.97	-12.64	-13.38	-14.17	-15.00	-15.87	-16.77	-17.69	-18.62	-19.56	-20.50	-21.42	-22.30	-23.13	-23.90	-24.61	-25.26	-25.84	-26.35	-26.79	-27.16	-27.46	-27.69	-27.86	-27.97	-28.02	-28.00	-27.92	-27.78	-27.58	-27.24	-26.74	-26.07	-25.24	-24.26	-23.13	-21.86	-20.46		
198	-9.00	-9.20	-9.46	-9.69	-9.89	-10.08	-10.21	-10.35	-10.47	-10.58	-10.68	-10.78	-10.85	-10.87	-10.83	-10.76	-10.68	-10.59	-10.48	-10.36	-10.23	-10.09	-9.94	-9.78	-9.61	-9.43	-9.25	-9.07	-8.89	-8.71	-8.53	-8.35	-8.17	-8.02	-7.87	-7.64	-7.45	-7.23	-7.00	-6.73	-6.46	-6.15	-5.79	-5.38	-4.86	-4.24	-3.52	
200	-8.88	-9.21	-9.49	-9.72	-9.87	-10.07	-10.20	-10.30	-10.38	-10.44	-10.48	-10.51	-10.53	-10.54	-10.54	-10.51	-10.46	-10.39	-10.30	-10.19	-10.07	-9.94	-9.79	-9.62	-9.45	-9.27	-9.09	-8.91	-8.73	-8.55	-8.37	-8.19	-8.02	-7.87	-7.64	-7.45	-7.23	-7.00	-6.73	-6.46	-6.15	-5.79	-5.38	-4.86	-4.24	-3.52		
202	-8.81	-9.26	-9.55	-9.78	-9.86	-10.04	-10.18	-10.25	-10.30	-10.34	-10.38	-10.41	-10.42	-10.42	-10.41	-10.37	-10.33	-10.28	-10.21	-10.12	-10.00	-9.87	-9.69	-9.49	-9.28	-9.07	-8.86	-8.65	-8.44	-8.23	-8.02	-7.81	-7.60	-7.40	-7.20	-7.00	-6.79	-6.58	-6.37	-6.16	-5.95	-5.74	-5.53	-5.32	-5.11	-4.90		
204	-8.93	-9.39	-9.66	-9.85	-9.88	-10.06	-10.08	-10.07	-10.04	-10.00	-9.97	-9.95	-9.93	-9.91	-9.87	-9.81	-9.78	-10.00	-10.12	-10.07	-10.16	-10.13	-10.12	-10.14	-10.16	-10.18	-10.19	-10.19	-10.18	-10.15	-10.09	-10.06	-10.01	-9.95	-9.89	-9.85	-9.83	-9.80	-9.76	-9.71	-9.65	-9.58	-9.50	-9.40	-9.29	-9.18		
206	-9.09	-9.62	-9.86	-9.92	-9.91	-9.90	-9.89	-9.88	-9.86	-9.82	-9.77	-9.71	-9.64	-9.56	-9.47	-9.37	-9.26	-9.14	-9.01	-8.87	-8.72	-8.56	-8.39	-8.22	-8.05	-7.88	-7.71	-7.54	-7.37	-7.20	-7.03	-6.86	-6.69	-6.52	-6.35	-6.18	-6.01	-5.84	-5.67	-5.50	-5.33	-5.16	-4.99	-4.82	-4.65	-4.48		
208	-9.12	-9.61	-9.80	-9.71	-9.75	-9.74	-9.69	-9.62	-9.52	-9.40	-9.29	-9.17	-9.04	-8.91	-8.78	-8.64	-8.50	-8.34	-8.18	-8.02	-7.86	-7.70	-7.54	-7.38	-7.22	-7.06	-6.89	-6.73	-6.56	-6.40	-6.23	-6.06	-5.90	-5.73	-5.56	-5.40	-5.23	-5.06	-4.90	-4.73	-4.56	-4.39	-4.23	-4.06	-3.89	-3.73		
210	-9.09	-9.52	-9.65	-9.60	-9.65	-9.62	-9.64	-9.64	-9.61	-9.57	-9.51	-9.45	-9.38	-9.30	-9.21	-9.11	-9.00	-8.89	-8.78	-8.67	-8.56	-8.45	-8.34	-8.23	-8.12	-8.01	-7.90	-7.79	-7.68	-7.57	-7.46	-7.35	-7.24	-7.13	-7.02	-6.91	-6.80	-6.69	-6.58	-6.47	-6.36	-6.25	-6.14	-6.03	-5.92	-5.81		
212	-9.02	-9.17	-9.22	-9.20	-9.13	-9.02	-8.91	-8.79	-8.65	-8.49	-8.30	-8.10	-7.95	-7.75	-7.53	-7.31	-7.07	-6.83	-6.59	-6.35	-6.11	-5.86	-5.61	-5.36	-5.11	-4.86	-4.61	-4.36	-4.11	-3.86	-3.61	-3.36	-3.11	-2.86	-2.61	-2.36	-2.11	-1.86	-1.61	-1.36	-1.11	-0.86	-0.61	-0.36	-0.11			
214	-8.78	-8.73	-8.64	-8.48	-8.30	-8.13	-7.99	-7.87	-7.76	-7.62	-7.45	-7.25	-7.12	-7.01	-7.03	-7.13	-7.28	-7.45	-7.63	-7.81	-7.99	-8.17	-8.35	-8.53	-8.71	-8.89	-9.07	-9.25	-9.43	-9.61	-9.79	-9.97	-10.15	-10.33	-10.51	-10.69	-10.87	-11.05	-11.23	-11.41	-11.59	-11.77	-11.95	-12.13	-12.31			
216	-8.25	-8.16	-7.99	-7.77	-7.55	-7.40	-7.20	-7.26	-7.36	-7.27	-7.28	-7.28	-7.29	-7.28	-7.44	-7.67	-7.94	-8.46	-9.14	-9.86	-10.60	-11.34	-12.08	-12.82	-13.56	-14.30	-15.04	-15.78	-16.52	-17.26	-17.99	-18.73	-19.47	-20.21	-20.95	-21.69	-22.43	-23.17	-23.91	-24.65	-25.39	-26.13	-26.87	-27.61	-28.35			
218	-7.95	-7.86	-7.69	-7.47	-7.29	-7.13	-7.17	-7.32	-7.56	-7.80	-8.13	-8.66	-9.35	-10.14	-11.00	-12.00	-13.07	-14.20	-15.38	-16.60	-17.87	-19.18	-20.51	-21.84	-23.17	-24.50	-25.83	-27.16	-28.49	-29.82	-31.15	-32.48	-33.81	-35.14	-36.47	-37.80	-39.13	-40.46	-41.79	-43.12	-44.45	-45.78	-47.11	-48.44	-49.77	-51.10		
220	-7.43	-7.35	-7.14	-7.29	-7.13	-7.13	-7.17	-7.32	-7.56	-7.80	-8.13	-8.66	-9.35	-10.14	-11.00	-12.00	-13.07	-14.20	-15.38	-16.60	-17.87	-19.18	-20.51	-21.84	-23.17	-24.50	-25.83	-27.16	-28.49	-29.82	-31.15	-32.48	-33.81	-35.14	-36.47	-37.80	-39.13	-40.46	-41.79	-43.12	-44.45	-45.78	-47.11	-48.44	-49.77	-51.10		
222	-6.95	-6.86	-6.65	-7.14	-7.40	-7.51	-7.43	-7.17	-6.72	-6.18	-5.55	-4.89	-4.23	-3.57	-2.91	-2.25	-1.59	-0.93	-0.27	0.39	1.05	1.71	2.37	3.03	3.69	4.35	5.01	5.67	6.33	6.99	7.65	8.31	8.97	9.63	10.29	10.95	11.61	12.27	12.93	13.59	14.25	14.91	15.57	16.23	16.89			
224	-6.48	-6.39	-6.18	-7.05	-7.14	-7.26	-7.44	-7.73	-8.15	-8.77	-9.57	-10.65	-11.99	-13.51	-15.06	-16.52	-17.76	-18.87	-19.85	-20.80	-21.65	-22.41	-23.08	-23.66	-24.15	-24.54	-24.93	-25.32	-25.71	-26.10	-26.49	-26.88	-27.27	-27.66	-28.05	-28.44	-28.83	-29.22	-29.61	-30.00	-30.39	-30.78	-31.17	-31.56	-31.95	-32.34		
226	-6.01	-5.92	-5.71	-6.78	-7.19	-7.57	-8.03	-8.59	-9.30	-10.27	-11.38	-12.60	-14.07	-15.62	-17.17	-18.62	-19.87	-20.95	-21.88	-22.67	-23.34	-23.91	-24.39	-24.78	-25.07	-25.26	-25.45	-25.64	-25.83	-26.02	-26.21	-26.40	-26.59	-26.78	-26.97	-27.16	-27.35	-27.54	-27.73	-27.92	-28.11	-28.30	-28.49	-28.68	-28.87	-29.06	-29.25	
228	-5.54	-5.45	-5.24	-6.40	-7.03	-7.59	-8.27	-9.05	-9.94	-10.97	-12.14	-13.43	-14.82	-16.30	-17.77	-19.04	-20.12	-21.00	-21.69	-22.20	-22.59	-22.88	-23.07	-23.16	-23.25	-23.34	-23.43	-23.52	-23.61	-23.70	-23.79	-23.88	-23.97	-24.06	-24.15	-24.24	-24.33	-24.42	-24.51	-24.60	-24.69	-24.78	-24.87	-24.96	-25.05	-25.14	-25.23	
230	-5.07	-5.00	-4.79	-5.95	-6.68	-7.24	-7.92	-8.70	-9.59	-10.62	-11.80	-13.09	-14.48	-15.87	-17.26	-18.55	-19.74	-20.82	-21.71	-22.41	-22.91	-23.30	-23.59	-23.78	-23.87	-23.96	-24.05	-24.14	-24.23	-24.32	-24.41	-24.50	-24.59	-24.68	-24.77	-24.86	-24.95	-25.04	-25.13	-25.22	-25.31	-25.40	-25.49	-25.58	-25.67	-25.76	-25.85	
232	-4.60	-4.53	-4.32	-5.48	-6.30	-6.86	-7.54	-8.32	-9.21	-10.24	-11.42	-12.71	-14.09	-15.47	-16.85	-18.14	-19.33	-20.42	-21.31	-22.01	-22.51	-22.90	-23.19	-23.38	-23.47	-23.56	-23.65	-23.74	-23.83	-23.92	-24.01	-24.10	-24.19	-24.28	-24.37	-24.46	-24.55	-24.64	-24.73	-24.82	-24.91	-25.00	-25.09	-25.18	-25.27	-25.36	-25.45	-25.54
234	-4.13	-4.06	-3.85	-5.01	-5.92	-6.48	-7.16	-7.94	-8.83	-9.86	-10.99	-12.27	-13.65	-15.03	-16.41	-17.79	-19.08	-20.27	-21.26	-22.05	-22.65	-23.04	-23.33	-23.52	-23.61	-23.70	-2																					

2D Radiation Pattern- WiFi Ant3 @ 6.5GHz (4/4)

Theta(Pt)	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180			
182	-12.87	-12.80	-12.74	-12.70	-12.73	-12.83	-12.98	-13.16	-13.33	-13.47	-13.58	-13.61	-13.66	-13.78	-13.85	-14.00	-14.29	-14.58	-14.83	-15.07	-15.25	-15.39	-15.48	-15.53	-15.54	-15.54	-15.51	-15.47	-15.42	-15.38	-15.33	-15.29	-15.24	-15.18	-15.11	-15.00	-14.88	-14.75	-14.62	-14.50	-14.38	-14.29	-14.21	-14.10	-13.95			
184	-12.40	-12.32	-12.22	-12.19	-12.22	-12.43	-12.69	-12.99	-13.30	-13.57	-13.80	-13.92	-13.94	-13.98	-14.05	-14.20	-14.59	-14.98	-15.32	-15.56	-15.78	-15.93	-16.01	-16.03	-16.03	-16.00	-15.98	-15.79	-15.70	-15.62	-15.54	-15.45	-15.35	-15.23	-15.10	-14.98	-14.85	-14.70	-14.55	-14.39	-14.25	-14.10	-13.95	-13.79				
186	-10.51	-10.22	-10.16	-10.15	-10.25	-10.59	-10.95	-11.31	-11.57	-11.80	-11.98	-12.09	-12.12	-12.15	-12.18	-12.30	-12.79	-13.28	-13.63	-13.81	-13.89	-13.93	-13.94	-13.92	-13.88	-13.81	-13.72	-13.62	-13.51	-13.40	-13.29	-13.18	-13.06	-12.94	-12.80	-12.66	-12.50	-12.34	-12.18	-12.02	-11.85	-11.69	-11.53	-11.37	-11.20	-11.03		
188	-9.56	-9.10	-9.00	-8.93	-9.08	-9.50	-10.03	-10.56	-11.07	-11.54	-11.94	-12.21	-12.40	-12.54	-12.64	-12.70	-13.29	-13.78	-14.03	-14.15	-14.16	-14.15	-14.12	-14.07	-14.00	-13.91	-13.80	-13.69	-13.57	-13.45	-13.32	-13.19	-13.05	-12.90	-12.74	-12.57	-12.40	-12.23	-12.06	-11.89	-11.72	-11.55	-11.38	-11.21	-11.04	-10.87		
190	-9.10	-8.13	-8.17	-8.28	-8.47	-9.77	-10.56	-10.98	-11.33	-11.58	-11.78	-11.97	-12.11	-12.18	-12.19	-12.15	-12.84	-13.29	-13.53	-13.60	-13.60	-13.55	-13.53	-13.49	-13.42	-13.34	-13.25	-13.15	-13.04	-12.93	-12.81	-12.68	-12.54	-12.39	-12.24	-12.08	-11.91	-11.74	-11.57	-11.40	-11.23	-11.06	-10.89	-10.72	-10.55	-10.38		
192	-8.90	-8.02	-8.10	-8.27	-8.50	-9.88	-10.82	-11.04	-11.24	-11.39	-11.54	-11.69	-11.82	-11.90	-11.93	-11.90	-12.64	-13.07	-13.28	-13.35	-13.36	-13.32	-13.28	-13.23	-13.16	-13.08	-12.99	-12.89	-12.78	-12.66	-12.53	-12.40	-12.26	-12.11	-11.96	-11.81	-11.65	-11.49	-11.32	-11.16	-10.99	-10.82	-10.65	-10.48	-10.31	-10.14		
194	-8.93	-8.15	-8.17	-8.32	-8.60	-10.21	-11.04	-11.08	-11.22	-11.35	-11.49	-11.62	-11.72	-11.78	-11.80	-11.75	-12.48	-12.89	-13.08	-13.15	-13.16	-13.13	-13.09	-13.04	-13.00	-12.94	-12.87	-12.79	-12.69	-12.58	-12.46	-12.33	-12.20	-12.06	-11.91	-11.76	-11.60	-11.45	-11.29	-11.12	-10.96	-10.79	-10.62	-10.45	-10.28	-10.11		
196	-9.11	-8.46	-8.70	-9.02	-9.40	-10.73	-11.36	-11.36	-11.52	-11.70	-11.88	-12.04	-12.18	-12.28	-12.34	-12.36	-13.01	-13.42	-13.60	-13.67	-13.68	-13.65	-13.60	-13.54	-13.47	-13.40	-13.32	-13.24	-13.15	-13.05	-12.95	-12.84	-12.73	-12.62	-12.50	-12.34	-12.18	-12.02	-11.86	-11.69	-11.52	-11.36	-11.19	-11.03	-10.86			
198	-9.11	-8.81	-9.04	-9.37	-11.07	-11.34	-11.55	-11.71	-11.90	-12.08	-12.30	-12.54	-12.79	-13.04	-13.28	-13.50	-13.68	-13.84	-13.96	-14.04	-14.08	-14.05	-14.00	-13.93	-13.87	-13.80	-13.72	-13.63	-13.53	-13.43	-13.33	-13.23	-13.13	-13.02	-12.90	-12.78	-12.66	-12.54	-12.42	-12.30	-12.18	-12.06	-11.94	-11.82	-11.70	-11.58		
200	-9.97	-10.46	-10.86	-11.44	-11.76	-12.21	-12.51	-12.74	-12.92	-13.04	-13.11	-13.14	-13.17	-13.17	-13.14	-13.08	-13.04	-13.00	-12.96	-12.92	-12.88	-12.84	-12.80	-12.76	-12.72	-12.68	-12.64	-12.60	-12.56	-12.52	-12.48	-12.44	-12.40	-12.36	-12.32	-12.28	-12.24	-12.20	-12.16	-12.12	-12.08	-12.04	-12.00	-11.96	-11.92			
202	-10.11	-11.10	-11.66	-12.15	-12.50	-12.69	-13.13	-13.38	-13.60	-13.78	-13.92	-13.97	-13.98	-13.94	-13.87	-13.79	-13.69	-13.58	-13.46	-13.34	-13.23	-13.13	-13.03	-12.93	-12.83	-12.73	-12.63	-12.53	-12.43	-12.33	-12.23	-12.13	-12.03	-11.93	-11.83	-11.73	-11.63	-11.53	-11.43	-11.33	-11.23	-11.13	-11.03	-10.93	-10.83			
204	-11.08	-11.71	-12.31	-12.81	-13.17	-13.20	-13.27	-13.27	-13.21	-13.15	-13.08	-13.01	-12.93	-12.85	-12.77	-12.68	-12.58	-12.47	-12.36	-12.25	-12.15	-12.05	-11.95	-11.85	-11.75	-11.65	-11.55	-11.45	-11.35	-11.25	-11.15	-11.05	-10.95	-10.85	-10.75	-10.65	-10.55	-10.45	-10.35	-10.25	-10.15	-10.05	-9.95	-9.85	-9.75			
206	-11.64	-12.31	-12.92	-13.41	-13.72	-13.78	-13.68	-13.50	-13.32	-13.13	-13.00	-12.87	-12.69	-12.48	-12.25	-12.01	-11.75	-11.51	-11.25	-11.00	-10.75	-10.50	-10.25	-10.00	-9.75	-9.50	-9.25	-9.00	-8.75	-8.50	-8.25	-8.00	-7.75	-7.50	-7.25	-7.00	-6.75	-6.50	-6.25	-6.00	-5.75	-5.50	-5.25	-5.00	-4.75	-4.50		
208	-12.26	-13.00	-13.70	-14.40	-14.92	-15.09	-14.90	-14.55	-14.15	-13.70	-13.20	-12.68	-12.15	-11.59	-11.01	-10.35	-9.68	-9.00	-8.32	-7.64	-6.96	-6.28	-5.60	-4.92	-4.24	-3.56	-2.88	-2.20	-1.52	-0.84	-0.16	0.52	1.20	1.88	2.56	3.24	3.92	4.60	5.28	5.96	6.64	7.32	8.00	8.68	9.36			
210	-12.99	-13.19	-13.70	-14.23	-14.47	-13.98	-13.43	-12.83	-12.18	-11.51	-10.75	-10.00	-9.25	-8.50	-7.75	-7.00	-6.25	-5.50	-4.75	-4.00	-3.25	-2.50	-1.75	-1.00	-0.25	0.50	1.25	2.00	2.75	3.50	4.25	5.00	5.75	6.50	7.25	8.00	8.75	9.50	10.25	11.00	11.75	12.50	13.25	14.00				
212	-13.16	-13.17	-13.44	-13.89	-14.23	-13.86	-13.32	-12.63	-11.92	-11.13	-10.28	-9.40	-8.50	-7.60	-6.70	-5.80	-4.90	-4.00	-3.10	-2.20	-1.30	-0.40	0.50	1.40	2.30	3.20	4.10	5.00	5.90	6.80	7.70	8.60	9.50	10.40	11.30	12.20	13.10	14.00	14.90	15.80	16.70	17.60	18.50					
214	-13.10	-13.46	-13.70	-13.79	-13.74	-13.54	-13.24	-12.80	-12.30	-11.70	-11.00	-10.20	-9.38	-8.50	-7.60	-6.68	-5.75	-4.82	-3.88	-2.94	-2.00	-1.06	-0.12	0.82	1.72	2.62	3.52	4.42	5.32	6.22	7.12	8.02	8.92	9.82	10.72	11.62	12.52	13.42	14.32	15.22	16.12	17.02	17.92					
216	-12.98	-13.16	-13.07	-12.99	-12.89	-12.69	-12.39	-11.99	-11.49	-10.89	-10.20	-9.45	-8.65	-7.80	-6.95	-6.10	-5.25	-4.40	-3.55	-2.70	-1.85	-1.00	-0.15	0.70	1.55	2.40	3.25	4.10	4.95	5.80	6.65	7.50	8.35	9.20	10.05	10.90	11.75	12.60	13.45	14.30	15.15	16.00						
218	-12.84	-12.40	-12.08	-11.70	-11.30	-10.80	-10.10	-0.95	-10.24	-0.18	-10.55	-10.27	-10.25	-10.20	-10.18	-10.15	-10.12	-10.10	-10.08	-10.06	-10.05	-10.04	-10.03	-10.02	-10.01	-10.00	-0.99	-0.98	-0.97	-0.96	-0.95	-0.94	-0.93	-0.92	-0.91	-0.90	-0.89	-0.88	-0.87	-0.86	-0.85	-0.84	-0.83	-0.82	-0.81			
220	-11.41	-11.10	-11.00	-10.70	-10.37	-10.12	-9.86	-9.67	-9.48	-9.27	-9.04	-10.02	-10.11	-10.29	-10.33	-10.23	-10.12	-10.01	-9.90	-9.80	-9.69	-9.58	-9.47	-9.36	-9.25	-9.14	-9.03	-8.92	-8.81	-8.70	-8.59	-8.48	-8.37	-8.26	-8.15	-8.04	-7.93	-7.82	-7.71	-7.60	-7.50	-7.39	-7.28	-7.17	-7.06			
222	-9.93	-9.60	-9.57	-9.60	-10.03	-10.18	-10.33	-10.50	-10.64	-10.69	-11.07	-11.26	-11.34	-11.34	-11.32	-11.29	-11.25	-11.21	-11.17	-11.13	-11.09	-11.05	-11.01	-10.97	-10.93	-10.89	-10.85	-10.81	-10.77	-10.73	-10.69	-10.65	-10.61	-10.57	-10.53	-10.49	-10.45	-10.41	-10.37	-10.33	-10.29	-10.25	-10.21	-10.17	-10.13			
224	-9.83	-10.02	-10.11	-10.11	-10.07	-10.03	-10.01	-10.04	-10.13	-10.31	-10.58	-10.88	-11.12	-11.22	-11.28	-11.26	-11.24	-11.21	-11.18	-11.15	-11.12	-11.09	-11.06	-11.03	-11.00	-10.97	-10.94	-10.91	-10.88	-10.85	-10.82	-10.79	-10.76	-10.73	-10.70	-10.67	-10.64	-10.61	-10.58	-10.55	-10.52	-10.49	-10.46	-10.43	-10.40	-10.37		
226	-9.74	-9.86	-9.94	-9.81	-10.02	-10.09	-10.19	-10.31	-10.44	-10.68	-11.07	-11.46	-11.72	-11.84	-11.92	-11.95	-11.94	-11.92	-11.89	-11.86	-11.83	-11.80	-11.77	-11.74	-11.71	-11.68	-11.65	-11.62	-11.59	-11.56	-11.53	-11.50	-11.47	-11.44	-11.41	-11.38	-11.35	-11.32	-11.29	-11.26	-11.23	-11.20	-11.17	-11.14	-11.11	-11.08		
228	-9.70	-9.81	-9.97	-9.81	-10.00	-10.03	-11.03	-11.17	-11.35	-11.70	-12.27	-12.58	-12.81	-13.01	-13.18	-13.30	-13.38	-13.43	-13.46	-13.48	-13.49	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50	-13.50		
230	-9.74	-9.76	-9.89	-9.81	-10.04	-10.08	-11.07	-11.30	-11.54	-11.78	-12.10	-12.40	-12.68	-12.94	-13.18	-13.38	-13.53	-13.63	-13.69	-13.73	-13.76	-13.78	-13.79	-13.79	-13.79	-13.79	-13.79	-13.79	-13.79	-13.79	-13.79	-13.79	-13.79	-13.79	-13.79	-13.79	-13.79	-13.79	-13.79	-13.79	-13.79	-13.79	-13.79	-13.79	-13.79	-13.79	-13.79	
232	-9.70	-9.72	-9.86	-9.88	-10.08	-10.09	-11.08	-11.27	-11.58	-11.84	-12.11	-12.39	-12.65	-12.89	-13.11	-13.30	-13.45	-13.56	-13.63	-13.68	-13.71	-13.73	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74	-13.74
234	-9.70	-9.70	-9.84	-9.84	-10.04	-10.04	-11.04	-11.24	-11.54	-11.84	-12.14																																					

2D Radiation Pattern- WiFi Ant3 @ 7.125GHz (1/4)

Theta(Deg)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	
0	3.01	3.07	3.11	3.14	3.16	3.16	3.16	3.15	3.14	3.13	3.12	3.11	3.10	3.09	3.07	3.05	2.99	2.92	2.87	2.83	2.81	2.87	2.94	3.00	3.03	3.05	3.06	2.94	2.71	2.58	2.48	2.44	2.41	2.43	2.44	2.45	2.46	2.44	2.41	2.37	2.36	2.38	2.43	2.51	2.60	2.68	2.72
2	2.89	3.06	3.21	3.34	3.45	3.54	3.62	3.70	3.77	3.82	3.90	3.97	4.04	4.10	4.12	4.09	4.21	4.24	4.26	4.29	4.34	4.41	4.52	4.59	4.62	4.59	4.48	4.29	4.08	3.86	3.65	3.48	3.23	3.21	3.21	3.17	3.07	2.98	2.89	2.81	2.75	2.72	2.72	2.75	2.76	2.79	
4	2.97	3.20	3.41	3.60	3.77	3.92	4.05	4.16	4.24	4.30	4.35	4.40	4.43	4.42	4.44	4.35	4.48	4.41	4.32	4.15	3.93	3.67	3.34	2.94	2.55	2.18	1.80	1.42	1.05	0.78	0.58	0.44	0.32	0.29	0.28	0.29	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.39	0.40	0.42
6	3.21	3.47	3.70	4.00	4.22	4.39	4.47	4.51	4.50	4.45	4.36	4.25	4.12	3.97	3.80	3.60	3.36	3.07	2.75	2.38	1.92	1.40	0.87	0.46	0.20	0.04	0.01	0.01	0.02	0.04	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	
8	3.58	3.83	4.07	4.28	4.46	4.67	4.85	5.02	5.19	5.36	5.54	5.72	5.90	6.07	6.24	6.39	6.52	6.65	6.77	6.89	7.04	7.20	7.37	7.50	7.58	7.67	7.76	7.81	7.89	7.98	8.08	8.15	8.20	8.22	8.22	8.24	8.27	8.30	8.34	8.38	8.42	8.46	8.50	8.54	8.57	8.61	8.64
10	4.08	4.28	4.49	4.68	4.86	5.05	5.25	5.45	5.63	5.80	5.97	6.15	6.34	6.51	6.67	6.80	6.96	7.05	7.14	7.27	7.44	7.60	7.78	7.94	8.07	8.19	8.29	8.37	8.45	8.50	8.57	8.62	8.64	8.63	8.62	8.61	8.60	8.59	8.57	8.54	8.50	8.47	8.44	8.41	8.37	8.34	
12	4.63	4.79	4.95	5.09	5.24	5.37	5.51	5.65	5.80	5.95	6.12	6.29	6.47	6.65	6.82	6.97	7.09	7.21	7.32	7.44	7.59	7.79	7.91	8.17	8.34	8.47	8.58	8.62	8.63	8.64	8.65	8.66	8.67	8.68	8.69	8.70	8.71	8.72	8.73	8.74	8.75	8.76	8.77	8.78	8.79	8.80	
14	5.21	5.34	5.48	5.62	5.74	5.90	6.07	6.24	6.42	6.60	6.78	6.94	7.11	7.28	7.44	7.60	7.75	7.91	8.07	8.24	8.40	8.57	8.74	8.91	9.07	9.24	9.40	9.56	9.71	9.86	10.00	10.14	10.28	10.42	10.56	10.69	10.83	10.96	11.09	11.22	11.35	11.48	11.61	11.74	11.87	12.00	
16	5.80	5.91	5.92	5.94	5.96	5.99	6.04	6.09	6.17	6.26	6.37	6.49	6.63	6.77	6.90	7.01	7.08	7.15	7.22	7.31	7.45	7.64	7.86	8.09	8.29	8.44	8.52	8.52	8.46	8.33	8.15	7.93	7.67	7.38	7.07	6.74	6.41	6.07	5.73	5.40	5.06	4.72	4.39	4.06	3.72	3.38	
18	6.31	6.47	6.48	6.34	6.29	6.24	6.21	6.17	6.12	6.08	6.04	6.01	5.98	5.95	5.92	5.89	5.86	5.83	5.80	5.77	5.74	5.70	5.67	5.63	5.60	5.57	5.54	5.51	5.48	5.45	5.42	5.39	5.36	5.33	5.30	5.27	5.24	5.21	5.18	5.15	5.12	5.09	5.06	5.03	5.00		
20	7.18	7.01	6.85	6.71	6.59	6.45	6.41	6.36	6.31	6.25	6.18	6.11	6.04	5.97	5.90	5.82	5.75	5.68	5.61	5.54	5.47	5.40	5.33	5.26	5.19	5.12	5.05	4.98	4.91	4.84	4.77	4.70	4.63	4.56	4.50	4.43	4.37	4.30	4.24	4.17	4.10	4.04	3.97	3.90	3.84		
22	7.78	7.50	7.26	7.04	6.80	6.54	6.45	6.34	6.20	6.17	6.05	5.97	5.89	5.82	5.75	5.68	5.62	5.55	5.48	5.42	5.35	5.28	5.21	5.14	5.07	5.00	4.93	4.86	4.79	4.72	4.65	4.58	4.52	4.45	4.39	4.32	4.26	4.20	4.13	4.07	4.01	3.94	3.88	3.82	3.76		
24	8.26	7.97	7.60	7.31	7.05	6.82	6.62	6.45	6.31	6.21	6.14	6.11	6.10	6.10	6.09	6.06	6.01	5.94	5.89	5.80	5.66	5.42	5.14	4.82	4.41	4.00	3.59	3.18	2.78	2.38	1.98	1.58	1.18	0.78	0.38	0.00	-0.38	-0.78	-1.18	-1.58	-1.98	-2.38	-2.78	-3.18			
26	8.61	8.25	7.87	7.52	7.20	6.90	6.66	6.44	6.35	6.30	6.29	6.31	6.36	6.42	6.48	6.54	6.60	6.66	6.72	6.78	6.84	6.90	6.96	7.02	7.07	7.12	7.17	7.22	7.27	7.32	7.37	7.42	7.47	7.52	7.57	7.62	7.67	7.72	7.77	7.82	7.87	7.92	7.97	8.02			
28	8.93	8.48	8.05	7.66	7.29	6.95	6.65	6.43	6.36	6.39	6.46	6.58	6.70	6.81	6.94	7.06	7.18	7.29	7.40	7.51	7.62	7.73	7.84	7.95	8.06	8.17	8.27	8.37	8.47	8.57	8.67	8.77	8.87	8.97	9.07	9.17	9.27	9.37	9.47	9.57	9.67	9.77	9.87	9.97			
30	9.07	8.51	8.07	7.64	7.23	6.90	6.66	6.50	6.48	6.49	6.53	6.64	6.74	6.84	6.94	7.04	7.14	7.24	7.34	7.44	7.54	7.64	7.74	7.84	7.94	8.04	8.14	8.24	8.34	8.44	8.54	8.64	8.74	8.84	8.94	9.04	9.14	9.24	9.34	9.44	9.54	9.64	9.74	9.84			
32	8.96	8.37	7.92	7.50	7.09	6.76	6.52	6.45	6.48	6.51	6.54	6.64	6.74	6.84	6.94	7.04	7.14	7.24	7.34	7.44	7.54	7.64	7.74	7.84	7.94	8.04	8.14	8.24	8.34	8.44	8.54	8.64	8.74	8.84	8.94	9.04	9.14	9.24	9.34	9.44	9.54	9.64	9.74	9.84			
34	8.77	8.14	7.71	7.30	6.89	6.56	6.40	6.42	6.45	6.48	6.51	6.61	6.71	6.81	6.91	7.01	7.11	7.21	7.31	7.41	7.51	7.61	7.71	7.81	7.91	8.01	8.11	8.21	8.31	8.41	8.51	8.61	8.71	8.81	8.91	9.01	9.11	9.21	9.31	9.41	9.51	9.61	9.71	9.81			
36	8.46	8.07	7.68	7.29	6.90	6.53	6.47	6.51	6.53	6.56	6.58	6.67	6.75	6.83	6.91	7.00	7.09	7.18	7.27	7.36	7.45	7.54	7.63	7.72	7.81	7.90	8.00	8.09	8.18	8.27	8.36	8.45	8.54	8.63	8.72	8.81	8.90	9.00	9.09	9.18	9.27	9.36	9.45	9.54	9.63		
38	8.09	7.71	7.34	6.95	6.56	6.20	6.14	6.17	6.20	6.23	6.26	6.35	6.43	6.51	6.59	6.67	6.75	6.83	6.91	7.00	7.09	7.18	7.27	7.36	7.45	7.54	7.63	7.72	7.81	7.90	8.00	8.09	8.18	8.27	8.36	8.45	8.54	8.63	8.72	8.81	8.90	9.00	9.09	9.18	9.27		
40	7.69	7.39	7.07	6.74	6.40	6.05	5.71	5.57	5.66	5.76	5.85	5.95	6.05	6.15	6.25	6.35	6.45	6.55	6.65	6.75	6.85	6.95	7.05	7.15	7.25	7.35	7.45	7.55	7.65	7.75	7.85	7.95	8.05	8.15	8.25	8.35	8.45	8.55	8.65	8.75	8.85	8.95	9.05	9.15	9.25		
42	6.99	6.74	6.46	6.15	5.82	5.46	5.15	4.81	4.50	4.20	3.94	3.71	3.52	3.39	3.28	3.18	3.11	3.09	3.08	3.06	3.04	3.02	3.00	2.98	2.96	2.94	2.92	2.90	2.88	2.86	2.84	2.82	2.80	2.78	2.76	2.74	2.72	2.70	2.68	2.66	2.64	2.62	2.60	2.58	2.56	2.54	
44	6.07	6.02	5.88	5.69	5.50	5.30	5.09	4.87	4.63	4.42	4.21	4.00	3.79	3.57	3.35	3.13	2.90	2.68	2.45	2.21	1.98	1.74	1.50	1.26	1.02	0.78	0.54	0.30	0.06	-0.18	-0.42	-0.66	-0.90	-1.14	-1.38	-1.62	-1.86	-2.10	-2.34	-2.58	-2.82	-3.06	-3.30	-3.54	-3.78		
46	4.65	4.63	4.60	4.64	4.57	4.40	4.09	3.69	3.20	2.69	2.18	1.67	1.16	0.65	0.15	-0.35	-0.85	-1.35	-1.85	-2.35	-2.85	-3.35	-3.85	-4.35	-4.85	-5.35	-5.85	-6.35	-6.85	-7.35	-7.85	-8.35	-8.85	-9.35	-9.85	-10.35	-10.85	-11.35	-11.85	-12.35	-12.85	-13.35	-13.85	-14.35			
48	3.27	3.17	3.08	3.00	2.93	2.86	2.79	2.72	2.65	2.58	2.51	2.44	2.38	2.32	2.25	2.20	2.15	2.10	2.05	2.00	1.95	1.90	1.85	1.80	1.75	1.70	1.65	1.60	1.55	1.50	1.45	1.40	1.35	1.30	1.25	1.20	1.15	1.10	1.05	1.00	0.95	0.90	0.85	0.80	0.75		
50	2.00	1.90	1.80	1.70	1.60	1.50	1.40	1.30	1.20	1.10	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.00	-0.10	-0.20	-0.30	-0.40	-0.50	-0.60	-0.70	-0.80	-0.90	-1.00	-1.10	-1.20	-1.30	-1.40	-1.50	-1.60	-1.70	-1.80	-1.90	-2.00	-2.10	-2.20	-2.30			
52	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.00	-0.10	-0.20	-0.30	-0.40	-0.50	-0.60	-0.70	-0.80	-0.90	-1.00	-1.10	-1.20	-1.30	-1.40	-1.50	-1.60	-1.70	-1.80	-1.90	-2.00	-2.10	-2.20	-2.30	-2.40	-2.50	-2.60	-2.70	-2.80	-2.90	-3.00	-3.10	-3.20	-3.30	-3.40			
54	-0.20	-0.30	-0.40	-0.50	-0.60	-0.70	-0.80	-0.90	-1.00	-1.10	-1.20	-1.30	-1.40	-1.50	-1.60	-1.70	-1.80	-1.90	-2.00	-2.10	-2.20	-2.30	-2.40	-2.50	-2.60	-2.70	-2.80	-2.90	-3.00	-3.10	-3.20	-3.30	-3.40	-3.50	-3.60	-3.70	-3.80	-3.90	-4.00	-4.10	-4.20	-4.30	-4.40	-4.50			
56	-0.63	-0.63	-0.64	-0.68	-0.74	-0.80	-0.87	-0.95	-1.03	-1.11	-1.19	-1.27	-1.35	-1.43	-1.51	-1.59	-1.67	-1.75	-1.83	-1.91	-2.00	-2.08	-2.16	-2.24	-2.32	-2.40	-2.48	-2.56	-2.64	-2.72																	

2D Radiation Pattern- WiFi Ant3 @ 7.125GHz (2/4)

Theta/Deg	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
0	-2.71	-2.67	-2.61	-2.56	-2.52	-2.52	-2.55	-2.60	-2.66	-2.71	-2.76	-2.79	-2.81	-2.81	-2.78	-2.75	-2.67	-2.62	-2.59	-2.60	-2.66	-2.75	-2.83	-2.90	-2.92	-2.87	-2.77	-2.64	-2.51	-2.44	-2.40	-2.40	-2.42	-2.45	-2.47	-2.46	-2.44	-2.41	-2.39	-2.40	-2.44	-2.50	-2.56	-2.62	-3.01																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
2	-2.68	-2.57	-2.47	-2.37	-2.31	-2.29	-2.30	-2.34	-2.39	-2.45	-2.50	-2.54	-2.56	-2.56	-2.53	-2.48	-2.41	-2.35	-2.30	-2.27	-2.27	-2.30	-2.33	-2.33	-2.30	-2.26	-2.20	-2.15	-2.12	-2.10	-2.09	-2.07	-2.06	-2.05	-2.05	-2.04	-2.03	-2.02	-2.01	-2.00	-1.99	-1.97	-1.95	-1.90	-1.88	-2.09																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
4	-2.67	-2.52	-2.38	-2.25	-2.15	-2.11	-2.10	-2.12	-2.16	-2.20	-2.25	-2.28	-2.29	-2.28	-2.22	-2.18	-2.13	-2.07	-2.03	-1.99	-1.97	-1.94	-1.89	-1.87	-1.84	-1.80	-1.75	-1.70	-1.66	-1.63	-1.62	-1.60	-1.59	-1.57	-1.55	-1.53	-1.52	-1.51	-1.50	-1.49	-1.47	-1.45	-1.40	-1.36	-1.29																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
6	-2.70	-2.53	-2.32	-2.17	-2.06	-2.07	-2.09	-2.10	-2.10	-2.06	-2.00	-2.01	-2.01	-2.00	-1.96	-1.90	-1.82	-1.73	-1.64	-1.57	-1.52	-1.46	-1.41	-1.34	-1.25	-1.13	-1.00	-0.87	-0.73	-0.61	-0.50	-0.42	-0.35	-0.31	-0.28	-0.27	-0.26	-0.25	-0.24	-0.23	-0.22	-0.21	-0.20	-0.19	-0.18	-0.21																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
8	-2.77	-2.54	-2.32	-2.12	-1.97	-1.86	-1.80	-1.77	-1.76	-1.76	-1.76	-1.76	-1.75	-1.73	-1.70	-1.65	-1.57	-1.49	-1.39	-1.29	-1.21	-1.13	-1.07	-1.01	-0.94	-0.85	-0.76	-0.62	-0.50	-0.40	-0.31	-0.26	-0.24	-0.24	-0.24	-0.24	-0.25	-0.26	-0.27	-0.28	-0.32	-0.38	-0.49	-0.65	-0.85	-1.21	-1.58																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
10	-2.84	-2.56	-2.31	-2.00	-1.82	-1.77	-1.80	-1.82	-1.87	-1.94	-2.01	-2.06	-2.11	-2.14	-2.19	-2.24	-2.28	-2.34	-2.41	-2.48	-2.54	-2.60	-2.64	-2.68	-2.71	-2.73	-2.74	-2.74	-2.73	-2.71	-2.68	-2.64	-2.60	-2.56	-2.52	-2.48	-2.44	-2.40	-2.36	-2.32	-2.28	-2.24	-2.19	-2.14	-2.07	-1.98	-1.87	-1.71	-1.51																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
12	-2.92	-2.63	-2.35	-2.00	-1.87	-1.92	-1.97	-1.97	-1.97	-1.99	-2.03	-2.07	-2.11	-2.14	-2.17	-2.20	-2.23	-2.26	-2.30	-2.35	-2.40	-2.44	-2.47	-2.50	-2.52	-2.53	-2.53	-2.52	-2.50	-2.47	-2.43	-2.39	-2.34	-2.30	-2.26	-2.22	-2.18	-2.14	-2.10	-2.06	-2.02	-1.98	-1.94	-1.89	-1.82	-1.72	-1.58	-1.42	-1.24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
14	-2.99	-2.67	-2.36	-2.07	-1.82	-1.82	-1.90	-1.92	-1.93	-1.93	-1.92	-1.91	-1.90	-1.89	-1.87	-1.84	-1.80	-1.75	-1.69	-1.63	-1.56	-1.49	-1.42	-1.35	-1.28	-1.21	-1.14	-1.07	-0.99	-0.91	-0.83	-0.75	-0.68	-0.61	-0.54	-0.48	-0.42	-0.36	-0.30	-0.24	-0.18	-0.12	-0.06	-0.01	0.04	0.10	0.16	0.22	0.28	0.34																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
16	-3.03	-2.68	-2.35	-2.04	-1.77	-1.74	-1.84	-1.87	-1.92	-1.99	-2.06	-2.13	-2.19	-2.24	-2.28	-2.32	-2.35	-2.38	-2.41	-2.44	-2.47	-2.50	-2.52	-2.53	-2.53	-2.52	-2.50	-2.47	-2.43	-2.39	-2.34	-2.30	-2.26	-2.22	-2.18	-2.14	-2.10	-2.06	-2.02	-1.98	-1.94	-1.89	-1.82	-1.72	-1.58	-1.42	-1.24	-1.07	0.10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
18	-3.06	-2.67	-2.33	-1.98	-1.71	-1.68	-1.80	-1.83	-1.88	-1.95	-2.02	-2.09	-2.15	-2.20	-2.24	-2.28	-2.31	-2.34	-2.37	-2.40	-2.43	-2.46	-2.48	-2.49	-2.49	-2.48	-2.46	-2.43	-2.39	-2.34	-2.30	-2.26	-2.22	-2.18	-2.14	-2.10	-2.06	-2.02	-1.98	-1.94	-1.89	-1.82	-1.72	-1.58	-1.42	-1.24	-1.07	0.10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
20	-3.08	-2.62	-2.25	-1.90	-1.57	-1.58	-1.70	-1.73	-1.78	-1.85	-1.92	-1.99	-2.05	-2.10	-2.14	-2.18	-2.21	-2.24	-2.27	-2.30	-2.33	-2.36	-2.38	-2.39	-2.39	-2.38	-2.36	-2.33	-2.28	-2.24	-2.20	-2.16	-2.12	-2.08	-2.04	-2.00	-1.96	-1.92	-1.88	-1.84	-1.79	-1.72	-1.62	-1.48	-1.30	-1.12	-0.94	-0.76																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
22	-3.10	-2.57	-1.86	-1.36	-1.06	-1.06	-1.18	-1.21	-1.26	-1.33	-1.39	-1.45	-1.50	-1.55	-1.59	-1.63	-1.66	-1.69	-1.72	-1.75	-1.78	-1.80	-1.81	-1.81	-1.80	-1.78	-1.75	-1.71	-1.66	-1.62	-1.58	-1.54	-1.50	-1.46	-1.42	-1.38	-1.34	-1.30	-1.26	-1.22	-1.18	-1.14	-1.09	-1.02	-0.92	-0.78	-0.60	-0.42	-0.24	-0.06																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
24	-3.15	-2.53	-1.83	-1.15	-1.10	-1.06	-1.06	-1.09	-1.14	-1.20	-1.26	-1.31	-1.36	-1.40	-1.44	-1.47	-1.50	-1.53	-1.56	-1.59	-1.62	-1.64	-1.65	-1.65	-1.64	-1.62	-1.59	-1.55	-1.50	-1.46	-1.42	-1.38	-1.34	-1.30	-1.26	-1.22	-1.18	-1.14	-1.10	-1.06	-1.02	-0.98	-0.94	-0.89	-0.82	-0.72	-0.58	-0.40	-0.22	-0.04	0.14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
26	-3.17	-1.27	-0.86	-0.76	-0.80	-0.87	-1.11	-1.31	-1.48	-1.61	-1.71	-1.77	-1.80	-1.82	-1.84	-1.86	-1.87	-1.88	-1.89	-1.89	-1.89	-1.88	-1.87	-1.86	-1.85	-1.84	-1.83	-1.82	-1.81	-1.80	-1.79	-1.78	-1.77	-1.76	-1.75	-1.74	-1.73	-1.72	-1.71	-1.70	-1.69	-1.68	-1.67	-1.66	-1.65	-1.64	-1.63	-1.62	-1.61	-1.60	-1.59	-1.58	-1.57	-1.56	-1.55	-1.54	-1.53	-1.52	-1.51	-1.50	-1.49	-1.48	-1.47	-1.46	-1.45	-1.44	-1.43	-1.42	-1.41	-1.40	-1.39	-1.38	-1.37	-1.36	-1.35	-1.34	-1.33	-1.32	-1.31	-1.30	-1.29	-1.28	-1.27	-1.26	-1.25	-1.24	-1.23	-1.22	-1.21	-1.20	-1.19	-1.18	-1.17	-1.16	-1.15	-1.14	-1.13	-1.12	-1.11	-1.10	-1.09	-1.08	-1.07	-1.06	-1.05	-1.04	-1.03	-1.02	-1.01	-1.00	-0.99	-0.98	-0.97	-0.96	-0.95	-0.94	-0.93	-0.92	-0.91	-0.90	-0.89	-0.88	-0.87	-0.86	-0.85	-0.84	-0.83	-0.82	-0.81	-0.80	-0.79	-0.78	-0.77	-0.76	-0.75	-0.74	-0.73	-0.72	-0.71	-0.70	-0.69	-0.68	-0.67	-0.66	-0.65	-0.64	-0.63	-0.62	-0.61	-0.60	-0.59	-0.58	-0.57	-0.56	-0.55	-0.54	-0.53	-0.52	-0.51	-0.50	-0.49	-0.48	-0.47	-0.46	-0.45	-0.44	-0.43	-0.42	-0.41	-0.40	-0.39	-0.38	-0.37	-0.36	-0.35	-0.34	-0.33	-0.32	-0.31	-0.30	-0.29	-0.28	-0.27	-0.26	-0.25	-0.24	-0.23	-0.22	-0.21	-0.20	-0.19	-0.18	-0.17	-0.16	-0.15	-0.14	-0.13	-0.12	-0.11	-0.10	-0.09	-0.08	-0.07	-0.06	-0.05	-0.04	-0.03	-0.02	-0.01	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40	0.41	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.50	0.51	0.52	0.53	0.54	0.55	0.56	0.57	0.58	0.59	0.60	0.61	0.62	0.63	0.64	0.65	0.66	0.67	0.68	0.69	0.70	0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.17	1.18	1.19	1.20	1.21	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.30	1.31	1.32	1.33	1.34	1.35	1.36	1.37	1.38	1.39	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51	1.52	1.53	1.54	1.55	1.56	1.57	1.58	1.59	1.60	1.61	1.62	1.63	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99	2.00	2.01	2.02	2.03	2.04	2.05	2.06	2.07	2.08	2.09	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18	2.19	2.20	2.21	2.22	2.23	2.24	2.25	2.26	2.27	2.28	2.29	2.30	2.31	2.32	2.33	2.34	2.35	2.36	2.37	2.38	2.39	2.40	2.41	2.42	2.43	2.44	2.45	2.46	2.47	2.48	2.49	2.50	2.51	2.52	2.53	2.54	2.55	2.56	2.57	2.58	2.59	2.60	2.61	2.62	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73	2.74	2.75	2.76	2.77	2.78	2.79	2.80	2.81	2.82	2.83	2.84	2.85	2.86	2.87	2.88	2.89	2.90	2.91	2.92	2.93	2.94	2.95	2.96	2.97	2.98	2.99	3.00	3.01	3.02	3.03	3.04	3.05	3.06	3.07	3.08	3.09	3.10	3.11	3.12	3.13	3.14	3.15	3.16	3.17	3.18	3.19	3.20	3.21	3.22	3.23	3.24	3.25	3.26	3.27	3.28	3.29	3.30	3.31	3.32	3.33	3.34	3.35	3.36	3.37	3.38	3.39	3.40	3.41	3.42	3.43	3.44	3.45	3.46	3.47	3.48	3.49	3.50	3.51	3.52	3.53	3.54	3.55	3.56	3.57	3.58	3.59	3.60	3.61	3.62	3.63	3.64	3.65	3.66	3.67	3.68	3.69	3.70	3.71	3.72	3.73	3.74	3.75	3.76	3.77	3.78	3.79	3.80	3.81	3.82	3.83	3.84	3.85	3.86	3.87	3.88	3.89	3.90	3.91	3.92	3.93	3.94	3.95	3.96	3.97	3.98	3.99	4.00	4.01	4.02	4.03	4.04	4.05	4.06	4.07	4.08	4.09	4.10	4.11	4.12	4.13	4.14	4.15	4.16	4.17	4.18	4.19	4.20	4.21	4.22	4.23	4.24	4.25	4.26	4.27	4.28	4.29	4.30	4.31	4.32	4.33	4.34	4.35	4.36	4.37	4.38	4.39	4.40	4.41	4.42	4.43	4.44	4.45	4.46	4.47	4.48	4.49	4.50	4.51	4.52	4.53	4.54	4.55	4.56	4.57	4.58	4.59	4.60	4.61	4.62	4.63	4.64	4.65	4.66	4.67	4.68	4.69	4.70	4.71	4.72	4.73	4.74	4.75	4.76	4.

2D Radiation Pattern- WiFi Ant3 @ 7.125GHz (3/4)

Theta(Deg)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
182	-16.07	-16.19	-16.32	-16.44	-16.56	-16.67	-16.75	-16.81	-16.85	-16.88	-16.90	-16.91	-16.91	-16.92	-16.90	-16.88	-16.85	-16.80	-16.75	-16.77	-16.77	-16.75	-16.72	-16.69	-16.65	-16.62	-16.55	-16.46	-16.42	-16.49	-16.56	-16.59	-16.58	-16.43	-16.38	-16.40	-16.47	-16.49	-16.42	-16.38	-16.40	-16.44	-16.48	-16.48	-16.48	-16.48	-16.48																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
184	-15.32	-15.52	-15.74	-15.98	-16.24	-16.50	-16.76	-17.01	-17.26	-17.50	-17.74	-17.97	-18.19	-18.40	-18.59	-18.76	-18.90	-19.02	-19.10	-19.15	-19.18	-19.18	-19.15	-19.10	-19.02	-18.90	-18.74	-18.55	-18.34	-18.14	-17.92	-17.70	-17.50	-17.32	-17.16	-17.02	-16.90	-16.80	-16.72	-16.66	-16.62	-16.60	-16.60	-16.60	-16.60	-16.60	-16.60																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
186	-14.67	-14.93	-15.21	-15.47	-15.72	-15.99	-16.26	-16.50	-16.73	-16.94	-17.13	-17.30	-17.45	-17.58	-17.68	-17.75	-17.79	-17.80	-17.79	-17.75	-17.68	-17.58	-17.45	-17.30	-17.13	-16.94	-16.74	-16.53	-16.32	-16.10	-15.88	-15.65	-15.42	-15.19	-14.96	-14.73	-14.50	-14.27	-14.04	-13.81	-13.58	-13.35	-13.12	-12.89	-12.66	-12.43	-12.20	-11.97																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
188	-14.10	-14.44	-14.75	-15.05	-15.34	-15.61	-15.86	-16.10	-16.32	-16.52	-16.70	-16.86	-17.00	-17.12	-17.21	-17.27	-17.30	-17.30	-17.28	-17.23	-17.14	-17.01	-16.86	-16.69	-16.50	-16.30	-16.09	-15.87	-15.64	-15.40	-15.16	-14.92	-14.68	-14.44	-14.20	-13.96	-13.72	-13.48	-13.24	-13.00	-12.76	-12.52	-12.28	-12.04	-11.80	-11.56	-11.32	-11.08	-10.84																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
190	-13.62	-13.94	-14.25	-14.52	-14.77	-14.98	-15.14	-15.25	-15.33	-15.38	-15.41	-15.41	-15.38	-15.29	-15.13	-14.87	-14.51	-14.07	-13.56	-13.01	-12.42	-11.80	-11.16	-10.50	-9.83	-9.16	-8.49	-7.82	-7.15	-6.48	-5.81	-5.14	-4.47	-3.80	-3.13	-2.46	-1.79	-1.12	-0.45	0.22	0.89	1.56	2.23	2.90	3.57	4.24	4.91	5.58	6.25	6.92	7.59	8.26	8.93	9.60	10.27	10.94	11.61	12.28	12.95	13.62	14.29	14.96	15.63	16.30	16.97	17.64	18.31	18.98	19.65	20.32	20.99	21.66	22.33	23.00	23.67	24.34	25.01	25.68	26.35	27.02	27.69	28.36	29.03	29.70	30.37	31.04	31.71	32.38	33.05	33.72	34.39	35.06	35.73	36.40	37.07	37.74	38.41	39.08	39.75	40.42	41.09	41.76	42.43	43.10	43.77	44.44	45.11	45.78	46.45	47.12	47.79	48.46	49.13	49.80	50.47	51.14	51.81	52.48	53.15	53.82	54.49	55.16	55.83	56.50	57.17	57.84	58.51	59.18	59.85	60.52	61.19	61.86	62.53	63.20	63.87	64.54	65.21	65.88	66.55	67.22	67.89	68.56	69.23	69.90	70.57	71.24	71.91	72.58	73.25	73.92	74.59	75.26	75.93	76.60	77.27	77.94	78.61	79.28	79.95	80.62	81.29	81.96	82.63	83.30	83.97	84.64	85.31	85.98	86.65	87.32	87.99	88.66	89.33	90.00	90.67	91.34	92.01	92.68	93.35	94.02	94.69	95.36	96.03	96.70	97.37	98.04	98.71	99.38	100.05	100.72	101.39	102.06	102.73	103.40	104.07	104.74	105.41	106.08	106.75	107.42	108.09	108.76	109.43	110.10	110.77	111.44	112.11	112.78	113.45	114.12	114.79	115.46	116.13	116.80	117.47	118.14	118.81	119.48	120.15	120.82	121.49	122.16	122.83	123.50	124.17	124.84	125.51	126.18	126.85	127.52	128.19	128.86	129.53	130.20	130.87	131.54	132.21	132.88	133.55	134.22	134.89	135.56	136.23	136.90	137.57	138.24	138.91	139.58	140.25	140.92	141.59	142.26	142.93	143.60	144.27	144.94	145.61	146.28	146.95	147.62	148.29	148.96	149.63	150.30	150.97	151.64	152.31	152.98	153.65	154.32	154.99	155.66	156.33	157.00	157.67	158.34	159.01	159.68	160.35	161.02	161.69	162.36	163.03	163.70	164.37	165.04	165.71	166.38	167.05	167.72	168.39	169.06	169.73	170.40	171.07	171.74	172.41	173.08	173.75	174.42	175.09	175.76	176.43	177.10	177.77	178.44	179.11	179.78	180.45	181.12	181.79	182.46	183.13	183.80	184.47	185.14	185.81	186.48	187.15	187.82	188.49	189.16	189.83	190.50	191.17	191.84	192.51	193.18	193.85	194.52	195.19	195.86	196.53	197.20	197.87	198.54	199.21	199.88	200.55	201.22	201.89	202.56	203.23	203.90	204.57	205.24	205.91	206.58	207.25	207.92	208.59	209.26	209.93	210.60	211.27	211.94	212.61	213.28	213.95	214.62	215.29	215.96	216.63	217.30	217.97	218.64	219.31	219.98	220.65	221.32	221.99	222.66	223.33	224.00	224.67	225.34	226.01	226.68	227.35	228.02	228.69	229.36	230.03	230.70	231.37	232.04	232.71	233.38	234.05	234.72	235.39	236.06	236.73	237.40	238.07	238.74	239.41	240.08	240.75	241.42	242.09	242.76	243.43	244.10	244.77	245.44	246.11	246.78	247.45	248.12	248.79	249.46	250.13	250.80	251.47	252.14	252.81	253.48	254.15	254.82	255.49	256.16	256.83	257.50	258.17	258.84	259.51	260.18	260.85	261.52	262.19	262.86	263.53	264.20	264.87	265.54	266.21	266.88	267.55	268.22	268.89	269.56	270.23	270.90	271.57	272.24	272.91	273.58	274.25	274.92	275.59	276.26	276.93	277.60	278.27	278.94	279.61	280.28	280.95	281.62	282.29	282.96	283.63	284.30	284.97	285.64	286.31	286.98	287.65	288.32	288.99	289.66	290.33	291.00	291.67	292.34	293.01	293.68	294.35	295.02	295.69	296.36	297.03	297.70	298.37	299.04	299.71	300.38	301.05	301.72	302.39	303.06	303.73	304.40	305.07	305.74	306.41	307.08	307.75	308.42	309.09	309.76	310.43	311.10	311.77	312.44	313.11	313.78	314.45	315.12	315.79	316.46	317.13	317.80	318.47	319.14	319.81	320.48	321.15	321.82	322.49	323.16	323.83	324.50	325.17	325.84	326.51	327.18	327.85	328.52	329.19	329.86	330.53	331.20	331.87	332.54	333.21	333.88	334.55	335.22	335.89	336.56	337.23	337.90	338.57	339.24	339.91	340.58	341.25	341.92	342.59	343.26	343.93	344.60	345.27	345.94	346.61	347.28	347.95	348.62	349.29	349.96	350.63	351.30	351.97	352.64	353.31	353.98	354.65	355.32	355.99	356.66	357.33	358.00	358.67	359.34	360.01	360.68	361.35	362.02	362.69	363.36	364.03	364.70	365.37	366.04	366.71	367.38	368.05	368.72	369.39	370.06	370.73	371.40	372.07	372.74	373.41	374.08	374.75	375.42	376.09	376.76	377.43	378.10	378.77	379.44	380.11	380.78	381.45	382.12	382.79	383.46	384.13	384.80	385.47	386.14	386.81	387.48	388.15	388.82	389.49	390.16	390.83	391.50	392.17	392.84	393.51	394.18	394.85	395.52	396.19	396.86	397.53	398.20	398.87	399.54	400.21	400.88	401.55	402.22	402.89	403.56	404.23	404.90	405.57	406.24	406.91	407.58	408.25	408.92	409.59	410.26	410.93	411.60	412.27	412.94	413.61	414.28	414.95	415.62	416.29	416.96	417.63	418.30	418.97	419.64	420.31	420.98	421.65	422.32	422.99	423.66	424.33	425.00	425.67	426.34	427.01	427.68	428.35	429.02	429.69	430.36	431.03	431.70	432.37	433.04	433.71	434.38	435.05	435.72	436.39	437.06	437.73	438.40	439.07	439.74	440.41	441.08	441.75	442.42	443.09	443.76	444.43	445.10	445.77	446.44	447.11	447.78	448.45	449.12	449.79	450.46	451.13	451.80	452.47	453.14	453.81	454.48	455.15	455.82	456.49	457.16	457.83	458.50	459.17	459.84	460.51	461.18	461.85	462.52	463.19	463.86	464.53	465.20	465.87	466.54	467.21	467.88	468.55	469.22	469.89	470.56	471.23	471.90	472.57	473.24	473.91	474.58	475.25	475.92	476.59	477.26	477.93	478.60	479.27	479.94	480.61	481.28	481.95	482.62	483.29	483.96	484.63	485.30	485.97	486.64	487.31	487.98	488.65	489.32	489.99	490.66	491.33	492.00	492.67	493.34	494.01	494.68	495.35	496.02	496.69	497.36	498.03	498.70	499.37	500.04	500.71	501.38	502.05	502.72	503.39	504.06	504.73	505.40	506.07	506.74	507.41	508.08	508.75	509.42	510.09	510.76	511.43	512.10	512.77	513.44	514.11	514.78	515.45	516.12	516.79	517.46	518.13	518.80	519.47	520.14	520.81	521.48	522.15	522.82	523.49	524.16	524.83	525.50	526.17	526.84	527.51	528.18	528.85	529.52	530.19	530.86	531.53	532.20	532.87	533.54	534.21	534.88	535.55	536.22	536.89	537.56	538.23	538.90	539.57	540.24	540.91	541.58	542.25	542.92	543.59	544.26	544.93	545.60	546.27	546.94	547.61	548.28	548.95	549.62	550.29	550.96	551.63	552.30	552.97	553.64	554.31	554.98	555.65	556.32	556.99	557.66	558.33	559.00	559.67	560.34	561.01	561.68	562.35	563.02	563.69	564.36	565.03	565.70	566.37	567.04	567.71	568.38	569.05	569.72	570.39	571.06	571.73	572.40	573.07	573.74	574.41	575.08	575.75	576.42	577.09	577.76	578.43	579.10	579.77	580.44	581.11	581.78	582.45	583.12	583.79	584.46	585.13	585.80	586.47	587.14	587.81	588.48	589.15	589.82	590.49	591.16	591.83	592.50	593.17	593.84	594.51	595.18	595.85	

2D Radiation Pattern- Wi-Fi Ant3 @ 7.125GHz (4/4)

Theta(Pt)	02	04	06	08	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480	500	520	540	560	580	600	620	640	660	680	700	720	740	760	780	800																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
182	-15.58	-16.01	-16.47	-16.96	-17.29	-17.54	-17.71	-17.80	-17.84	-17.86	-17.88	-17.89	-17.90	-17.91	-17.92	-17.93	-17.94	-17.95	-17.96	-17.97	-17.98	-17.99	-18.00	-18.01	-18.02	-18.03	-18.04	-18.05	-18.06	-18.07	-18.08	-18.09	-18.10	-18.11	-18.12	-18.13	-18.14	-18.15	-18.16	-18.17	-18.18	-18.19	-18.20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
184	-14.56	-15.29	-16.05	-16.78	-17.29	-17.83	-18.20	-18.36	-18.51	-18.57	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58	-18.58																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
186	-13.84	-14.73	-15.67	-16.56	-17.29	-17.93	-18.37	-18.56	-18.65	-18.68	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69	-18.69																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
188	-13.41	-14.11	-15.09	-16.00	-16.62	-17.14	-17.47	-17.69	-17.83	-17.94	-18.07	-18.28	-18.36	-18.45	-18.55	-18.65	-18.75	-18.85	-18.95	-19.05	-19.15	-19.25	-19.35	-19.45	-19.55	-19.65	-19.75	-19.85	-19.95	-20.05	-20.15	-20.25	-20.35	-20.45	-20.55	-20.65	-20.75	-20.85	-20.95	-21.05	-21.15	-21.25	-21.35	-21.45	-21.55	-21.65	-21.75	-21.85	-21.95	-22.05																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
190	-13.21	-13.99	-14.77	-15.60	-16.09	-16.53	-16.81	-17.01	-17.16	-17.34	-17.49	-17.67	-17.80	-17.90	-18.00	-18.10	-18.20	-18.30	-18.40	-18.50	-18.60	-18.70	-18.80	-18.90	-19.00	-19.10	-19.20	-19.30	-19.40	-19.50	-19.60	-19.70	-19.80	-19.90	-20.00	-20.10	-20.20	-20.30	-20.40	-20.50	-20.60	-20.70	-20.80	-20.90	-21.00	-21.10	-21.20	-21.30	-21.40	-21.50	-21.60	-21.70	-21.80	-21.90	-22.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
192	-13.41	-13.99	-14.55	-15.05	-15.47	-15.77	-15.99	-16.17	-16.35	-16.53	-16.71	-16.89	-17.09	-17.29	-17.48	-17.68	-17.88	-18.08	-18.28	-18.48	-18.68	-18.88	-19.08	-19.28	-19.48	-19.68	-19.88	-20.08	-20.28	-20.48	-20.68	-20.88	-21.08	-21.28	-21.48	-21.68	-21.88	-22.08	-22.28	-22.48	-22.68	-22.88	-23.08	-23.28	-23.48	-23.68	-23.88	-24.08	-24.28	-24.48	-24.68	-24.88	-25.08	-25.28	-25.48	-25.68	-25.88	-26.08	-26.28	-26.48	-26.68	-26.88	-27.08	-27.28	-27.48	-27.68	-27.88	-28.08	-28.28	-28.48	-28.68	-28.88	-29.08	-29.28	-29.48	-29.68	-29.88	-30.08	-30.28	-30.48	-30.68	-30.88	-31.08	-31.28	-31.48	-31.68	-31.88	-32.08	-32.28	-32.48	-32.68	-32.88	-33.08	-33.28	-33.48	-33.68	-33.88	-34.08	-34.28	-34.48	-34.68	-34.88	-35.08	-35.28	-35.48	-35.68	-35.88	-36.08	-36.28	-36.48	-36.68	-36.88	-37.08	-37.28	-37.48	-37.68	-37.88	-38.08	-38.28	-38.48	-38.68	-38.88	-39.08	-39.28	-39.48	-39.68	-39.88	-40.08	-40.28	-40.48	-40.68	-40.88	-41.08	-41.28	-41.48	-41.68	-41.88	-42.08	-42.28	-42.48	-42.68	-42.88	-43.08	-43.28	-43.48	-43.68	-43.88	-44.08	-44.28	-44.48	-44.68	-44.88	-45.08	-45.28	-45.48	-45.68	-45.88	-46.08	-46.28	-46.48	-46.68	-46.88	-47.08	-47.28	-47.48	-47.68	-47.88	-48.08	-48.28	-48.48	-48.68	-48.88	-49.08	-49.28	-49.48	-49.68	-49.88	-50.08	-50.28	-50.48	-50.68	-50.88	-51.08	-51.28	-51.48	-51.68	-51.88	-52.08	-52.28	-52.48	-52.68	-52.88	-53.08	-53.28	-53.48	-53.68	-53.88	-54.08	-54.28	-54.48	-54.68	-54.88	-55.08	-55.28	-55.48	-55.68	-55.88	-56.08	-56.28	-56.48	-56.68	-56.88	-57.08	-57.28	-57.48	-57.68	-57.88	-58.08	-58.28	-58.48	-58.68	-58.88	-59.08	-59.28	-59.48	-59.68	-59.88	-60.08	-60.28	-60.48	-60.68	-60.88	-61.08	-61.28	-61.48	-61.68	-61.88	-62.08	-62.28	-62.48	-62.68	-62.88	-63.08	-63.28	-63.48	-63.68	-63.88	-64.08	-64.28	-64.48	-64.68	-64.88	-65.08	-65.28	-65.48	-65.68	-65.88	-66.08	-66.28	-66.48	-66.68	-66.88	-67.08	-67.28	-67.48	-67.68	-67.88	-68.08	-68.28	-68.48	-68.68	-68.88	-69.08	-69.28	-69.48	-69.68	-69.88	-70.08	-70.28	-70.48	-70.68	-70.88	-71.08	-71.28	-71.48	-71.68	-71.88	-72.08	-72.28	-72.48	-72.68	-72.88	-73.08	-73.28	-73.48	-73.68	-73.88	-74.08	-74.28	-74.48	-74.68	-74.88	-75.08	-75.28	-75.48	-75.68	-75.88	-76.08	-76.28	-76.48	-76.68	-76.88	-77.08	-77.28	-77.48	-77.68	-77.88	-78.08	-78.28	-78.48	-78.68	-78.88	-79.08	-79.28	-79.48	-79.68	-79.88	-80.08	-80.28	-80.48	-80.68	-80.88	-81.08	-81.28	-81.48	-81.68	-81.88	-82.08	-82.28	-82.48	-82.68	-82.88	-83.08	-83.28	-83.48	-83.68	-83.88	-84.08	-84.28	-84.48	-84.68	-84.88	-85.08	-85.28	-85.48	-85.68	-85.88	-86.08	-86.28	-86.48	-86.68	-86.88	-87.08	-87.28	-87.48	-87.68	-87.88	-88.08	-88.28	-88.48	-88.68	-88.88	-89.08	-89.28	-89.48	-89.68	-89.88	-90.08	-90.28	-90.48	-90.68	-90.88	-91.08	-91.28	-91.48	-91.68	-91.88	-92.08	-92.28	-92.48	-92.68	-92.88	-93.08	-93.28	-93.48	-93.68	-93.88	-94.08	-94.28	-94.48	-94.68	-94.88	-95.08	-95.28	-95.48	-95.68	-95.88	-96.08	-96.28	-96.48	-96.68	-96.88	-97.08	-97.28	-97.48	-97.68	-97.88	-98.08	-98.28	-98.48	-98.68	-98.88	-99.08	-99.28	-99.48	-99.68	-99.88	-100.08	-100.28	-100.48	-100.68	-100.88	-101.08	-101.28	-101.48	-101.68	-101.88	-102.08	-102.28	-102.48	-102.68	-102.88	-103.08	-103.28	-103.48	-103.68	-103.88	-104.08	-104.28	-104.48	-104.68	-104.88	-105.08	-105.28	-105.48	-105.68	-105.88	-106.08	-106.28	-106.48	-106.68	-106.88	-107.08	-107.28	-107.48	-107.68	-107.88	-108.08	-108.28	-108.48	-108.68	-108.88	-109.08	-109.28	-109.48	-109.68	-109.88	-110.08	-110.28	-110.48	-110.68	-110.88	-111.08	-111.28	-111.48	-111.68	-111.88	-112.08	-112.28	-112.48	-112.68	-112.88	-113.08	-113.28	-113.48	-113.68	-113.88	-114.08	-114.28	-114.48	-114.68	-114.88	-115.08	-115.28	-115.48	-115.68	-115.88	-116.08	-116.28	-116.48	-116.68	-116.88	-117.08	-117.28	-117.48	-117.68	-117.88	-118.08	-118.28	-118.48	-118.68	-118.88	-119.08	-119.28	-119.48	-119.68	-119.88	-120.08	-120.28	-120.48	-120.68	-120.88	-121.08	-121.28	-121.48	-121.68	-121.88	-122.08	-122.28	-122.48	-122.68	-122.88	-123.08	-123.28	-123.48	-123.68	-123.88	-124.08	-124.28	-124.48	-124.68	-124.88	-125.08	-125.28	-125.48	-125.68	-125.88	-126.08	-126.28	-126.48	-126.68	-126.88	-127.08	-127.28	-127.48	-127.68	-127.88	-128.08	-128.28	-128.48	-128.68	-128.88	-129.08	-129.28	-129.48	-129.68	-129.88	-130.08	-130.28	-130.48	-130.68	-130.88	-131.08	-131.28	-131.48	-131.68	-131.88	-132.08	-132.28	-132.48	-132.68	-132.88	-133.08	-133.28	-133.48	-133.68	-133.88	-134.08	-134.28	-134.48	-134.68	-134.88	-135.08	-135.28	-135.48	-135.68	-135.88	-136.08	-136.28	-136.48	-136.68	-136.88	-137.08	-137.28	-137.48	-137.68	-137.88	-138.08	-138.28	-138.48	-138.68	-138.88	-139.08	-139.28	-139.48	-139.68	-139.88	-140.08	-140.28	-140.48	-140.68	-140.88	-141.08	-141.28	-141.48	-141.68	-141.88	-142.08	-142.28	-142.48	-142.68	-142.88	-143.08	-143.28	-143.48	-143.68	-143.88	-144.08	-144.28	-144.48	-144.68	-144.88	-145.08	-145.28	-145.48	-145.68	-145.88	-146.08	-146.28	-146.48	-146.68	-146.88	-147.08	-147.28	-147.48	-147.68	-147.88	-148.08	-148.28	-148.48	-148.68	-148.88	-149.08	-149.28	-149.48	-149.68	-149.88	-150.08	-150.28	-150.48	-150.68	-150.88	-151.08	-151.28	-151.48	-151.68	-151.88	-152.08	-152.28	-152.48	-152.68	-152.88	-153.08	-153.28	-153.48	-153.68	-153.88	-154.08	-154.28	-154.48	-154.68	-154.88	-155.08	-155.28	-155.48	-155.68	-155.88	-156.08	-156.28	-156.48	-156.68	-156.88	-157.08	-157.28	-157.48	-157.68	-157.88	-158.08	-158.28	-158.48	-158.68	-158.88	-159.08	-159.28	-159.48	-159.68	-159.88	-160.08	-160.28	-160.48	-160.68	-160.88	-161.08	-161.28	-161.48	-161.68	-161.88	-162.08	-162.28	-162.48	-162.68	-162.88	-163.08	-163.28	-163.48	-163.68	-163.88	-164.08	-164.28	-164.48	-164.68	-164.88	-165.08	-165.28	-165.48	-165.68	-165.88	-166.08	-166.28	-166.48	-166.68	-166.88	-167.08	-167.28	-167.48	-167.68	-167.88	-168.08	-168.28	-168.48	-168.68	-168.88	-169.08	-169.28	-169.48	-169.68	-169.88	-170.08	-170.28	-170.48	-170.68	-170.88	-171.08	-171.28	-171.48	-171.68	-171.88	-172.08	-172.28	-172.48	-172.68	-172.88	-173.08	-173.28	-173.48	-173.68	-173.88	-174.08	-174.28	-174.48	-174.68	-174.88	-175.08	-175.28	-175.48	-175.68	-175.88	-176.08	-176.28	-176.48	-176.68	-176.88	-177.08	-177.28	-177.48	-177.68	-177.88	-178.08	-178.28	-178.48	-178.68	-178.88	-179.08	-179.28	-179.48	-179.68	-179.88	-180.08	-180.28	-180.48	-180.68	-180.88	-181.08	-181.28	-181.48	-181.68	-181.88	-182.08	-182.28	-182.48	-182.68	-182.88	-183.08	-183.28	-183.48	-183.68	-183.88	-184.08	-184.28	-184.48	-184.68	-184.88	-185.08	-185.28	-185.48	-185.68	-185.88	-186.08	-186.28	-186.48	-186.68	-186.88	-187.08	-187.28	-187.48	-187.68	-187.88	-188.08	-188.28	-188.48	-188.68	-188.88	-189.08	-189.28	-189.48	-189.68	-189.88	-190.08	-190.28	-190.48	-190.68	-190.88	-191.08	-191.28	-191.48	-191.68	-191.88	-192.08	-192.28	-192.48	-192.68	-192.88	-193.08	-193.28	-193.48	-193.68	-193.88	-194.08	-194.28	-194.48	-194.68	-194.8

2D Radiation Pattern- GPS Ant4 @ 1.56GHz (1/4)

Theta(Deg)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90
0	-0.84	-0.85	-0.86	-0.87	-0.88	-0.89	-0.90	-0.91	-0.90	-0.89	-0.88	-0.85	-0.82	-0.79	-0.76	-0.74	-0.74	-0.74	-0.77	-0.78	-0.80	-0.81	-0.82	-0.83	-0.84	-0.85	-0.86	-0.87	-0.88	-0.89	-0.91	-0.92	-0.93	-0.94	-0.94	-0.94	-0.94	-0.94	-0.94	-0.95	-0.96	-0.97	-0.98			
2	-0.82	-0.83	-0.82	-0.82	-0.82	-0.82	-0.82	-0.81	-0.80	-0.79	-0.78	-0.76	-0.73	-0.69	-0.64	-0.59	-0.54	-0.49	-0.44	-0.40	-0.35	-0.31	-0.27	-0.24	-0.20	-0.16	-0.12	-0.08	-0.04	0.00	0.05	0.09	0.12	0.15	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.36	0.38	0.40
4	-0.85	-0.84	-0.83	-0.82	-0.81	-0.80	-0.79	-0.77	-0.75	-0.73	-0.69	-0.64	-0.59	-0.54	-0.49	-0.44	-0.40	-0.35	-0.31	-0.27	-0.24	-0.20	-0.16	-0.12	-0.08	-0.04	0.00	0.05	0.09	0.12	0.15	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.36	0.38	0.40	0.42	0.44	
6	-0.93	-0.90	-0.89	-0.87	-0.85	-0.83	-0.81	-0.79	-0.75	-0.67	-0.61	-0.55	-0.50	-0.45	-0.40	-0.35	-0.31	-0.27	-0.24	-0.20	-0.16	-0.12	-0.08	-0.04	0.00	0.05	0.09	0.12	0.15	0.18	0.20	0.22	0.24	0.26	0.28	0.30	0.32	0.34	0.36	0.38	0.40	0.42	0.44	0.46		
8	-1.04	-1.01	-0.99	-0.96	-0.93	-0.91	-0.88	-0.84	-0.80	-0.75	-0.70	-0.63	-0.56	-0.49	-0.43	-0.37	-0.31	-0.25	-0.19	-0.13	-0.07	-0.01	0.05	0.10	0.14	0.18	0.22	0.26	0.30	0.34	0.38	0.42	0.46	0.50	0.54	0.58	0.62	0.66	0.70	0.74	0.78	0.82	0.86			
10	-1.22	-1.16	-1.12	-1.09	-1.05	-1.00	-0.94	-0.86	-0.80	-0.73	-0.65	-0.56	-0.47	-0.39	-0.32	-0.25	-0.17	-0.10	-0.03	0.04	0.11	0.17	0.23	0.29	0.34	0.39	0.44	0.49	0.54	0.59	0.64	0.69	0.74	0.79	0.84	0.89	0.94	0.99	1.04	1.09	1.14	1.19	1.24			
12	-1.37	-1.33	-1.30	-1.26	-1.22	-1.17	-1.12	-1.07	-1.01	-0.94	-0.87	-0.79	-0.69	-0.60	-0.52	-0.44	-0.36	-0.28	-0.20	-0.14	-0.07	0.00	0.07	0.13	0.19	0.25	0.31	0.37	0.43	0.49	0.55	0.61	0.67	0.73	0.79	0.85	0.91	0.97	1.03	1.09	1.15	1.21	1.27			
14	-1.58	-1.54	-1.50	-1.46	-1.41	-1.36	-1.30	-1.24	-1.17	-1.09	-1.00	-0.91	-0.81	-0.71	-0.61	-0.52	-0.44	-0.36	-0.28	-0.20	-0.14	-0.07	0.00	0.07	0.13	0.19	0.25	0.31	0.37	0.43	0.49	0.55	0.61	0.67	0.73	0.79	0.85	0.91	0.97	1.03	1.09	1.15	1.21			
16	-1.82	-1.78	-1.73	-1.68	-1.63	-1.57	-1.50	-1.43	-1.35	-1.27	-1.17	-1.07	-0.96	-0.84	-0.73	-0.63	-0.54	-0.45	-0.36	-0.28	-0.20	-0.14	-0.07	0.00	0.07	0.13	0.19	0.25	0.31	0.37	0.43	0.49	0.55	0.61	0.67	0.73	0.79	0.85	0.91	0.97	1.03	1.09	1.15			
18	-2.08	-2.04	-1.98	-1.91	-1.87	-1.81	-1.73	-1.65	-1.57	-1.48	-1.37	-1.26	-1.15	-1.04	-0.92	-0.82	-0.72	-0.62	-0.52	-0.43	-0.34	-0.25	-0.16	-0.07	0.00	0.07	0.13	0.19	0.25	0.31	0.37	0.43	0.49	0.55	0.61	0.67	0.73	0.79	0.85	0.91	0.97	1.03				
20	-2.36	-2.32	-2.26	-2.21	-2.14	-2.07	-1.99	-1.90	-1.80	-1.69	-1.57	-1.45	-1.32	-1.19	-1.05	-0.92	-0.80	-0.68	-0.57	-0.45	-0.34	-0.23	-0.12	-0.01	0.10	0.21	0.32	0.42	0.52	0.61	0.70	0.79	0.87	0.94	1.03	1.08	1.12	1.16	1.21	1.25	1.29	1.34				
22	-2.68	-2.61	-2.56	-2.50	-2.42	-2.34	-2.25	-2.16	-2.05	-1.93	-1.80	-1.67	-1.54	-1.40	-1.25	-1.09	-0.92	-0.80	-0.68	-0.57	-0.45	-0.34	-0.23	-0.12	0.00	0.11	0.21	0.32	0.42	0.52	0.61	0.70	0.79	0.87	0.94	1.03	1.08	1.12	1.16	1.21	1.25	1.29				
24	-2.97	-2.90	-2.86	-2.80	-2.72	-2.63	-2.54	-2.43	-2.31	-2.18	-2.05	-1.90	-1.75	-1.59	-1.44	-1.28	-1.12	-0.97	-0.82	-0.67	-0.51	-0.36	-0.20	-0.05	0.10	0.25	0.39	0.53	0.66	0.79	0.92	1.04	1.15	1.24	1.36	1.45	1.52	1.59	1.65	1.72	1.79					
26	-3.29	-3.20	-3.16	-3.11	-3.03	-2.94	-2.84	-2.73	-2.61	-2.48	-2.34	-2.19	-2.03	-1.87	-1.70	-1.54	-1.38	-1.21	-1.04	-0.87	-0.70	-0.54	-0.38	-0.22	0.00	0.14	0.28	0.41	0.54	0.67	0.80	0.92	1.04	1.15	1.24	1.36	1.45	1.52	1.59	1.65	1.72					
28	-3.61	-3.55	-3.50	-3.44	-3.34	-3.24	-3.12	-3.00	-2.88	-2.71	-2.55	-2.39	-2.21	-2.03	-1.85	-1.67	-1.49	-1.30	-1.11	-0.92	-0.73	-0.54	-0.35	-0.15	0.03	0.22	0.39	0.56	0.72	0.88	1.03	1.18	1.33	1.48	1.58	1.70	1.79	1.88	1.96	2.04	2.13	2.22	2.31			
30	-3.97	-3.90	-3.87	-3.79	-3.68	-3.56	-3.42	-3.28	-3.14	-2.96	-2.80	-2.63	-2.45	-2.26	-2.07	-1.87	-1.66	-1.45	-1.24	-1.03	-0.82	-0.61	-0.40	-0.20	0.00	0.20	0.38	0.54	0.71	0.88	1.04	1.20	1.36	1.48	1.58	1.70	1.79	1.88	1.96	2.04	2.13	2.22	2.31			
32	-4.25	-4.21	-4.15	-4.06	-3.96	-3.85	-3.72	-3.57	-3.41	-3.24	-3.07	-2.88	-2.68	-2.47	-2.27	-2.06	-1.85	-1.63	-1.42	-1.20	-0.98	-0.75	-0.53	-0.31	-0.10	0.11	0.30	0.49	0.68	0.85	1.02	1.19	1.35	1.50	1.64	1.77	1.88	1.96	2.07	2.16	2.26	2.36				
34	-4.67	-4.61	-4.46	-4.37	-4.27	-4.14	-4.01	-3.85	-3.68	-3.51	-3.34	-3.15	-2.95	-2.74	-2.52	-2.30	-2.08	-1.86	-1.64	-1.41	-1.19	-0.97	-0.74	-0.51	-0.29	0.00	0.20	0.40	0.60	0.80	1.00	1.20	1.39	1.56	1.71	1.84	1.95	2.06	2.15	2.24	2.34					
36	-4.87	-4.83	-4.76	-4.67	-4.56	-4.44	-4.29	-4.12	-3.95	-3.76	-3.58	-3.38	-3.18	-2.97	-2.69	-2.45	-2.21	-1.97	-1.73	-1.48	-1.24	-0.99	-0.75	-0.52	-0.29	0.07	0.24	0.43	0.63	0.83	1.03	1.23	1.41	1.58	1.80	1.91	2.01	2.10	2.20	2.30						
38	-5.10	-5.06	-5.00	-4.91	-4.80	-4.68	-4.51	-4.34	-4.15	-3.96	-3.76	-3.56	-3.35	-3.14	-2.92	-2.69	-2.45	-2.21	-1.97	-1.73	-1.48	-1.24	-0.99	-0.75	-0.52	-0.29	0.07	0.24	0.43	0.63	0.83	1.03	1.23	1.41	1.58	1.80	1.91	2.01	2.10	2.20						
40	-5.42	-5.38	-5.31	-5.22	-5.11	-4.97	-4.81	-4.64	-4.45	-4.25	-4.04	-3.82	-3.59	-3.35	-3.10	-2.84	-2.58	-2.31	-2.04	-1.77	-1.51	-1.24	-0.99	-0.75	-0.52	-0.29	0.07	0.24	0.43	0.63	0.83	1.03	1.23	1.41	1.58	1.80	1.91	2.01	2.10	2.20						
42	-5.68	-5.64	-5.56	-5.46	-5.35	-5.20	-5.04	-4.85	-4.65	-4.44	-4.22	-4.00	-3.77	-3.53	-3.27	-2.99	-2.72	-2.45	-2.18	-1.91	-1.64	-1.37	-1.10	-0.83	-0.57	-0.30	0.00	0.20	0.40	0.60	0.80	1.00	1.20	1.39	1.56	1.80	1.91	2.01	2.10	2.20						
44	-5.86	-5.82	-5.76	-5.67	-5.56	-5.40	-5.24	-5.11	-4.92	-4.72	-4.50	-4.27	-4.02	-3.77	-3.50	-3.23	-2.96	-2.69	-2.42	-2.07	-1.78	-1.49	-1.22	-0.95	-0.69	-0.43	-0.19	0.04	0.24	0.44	0.64	0.87	1.05	1.22	1.48	1.57	1.88	1.97	2.08	2.17	2.27					
46	-6.02	-6.00	-5.95	-5.85	-5.73	-5.56	-5.40	-5.25	-5.05	-4.84	-4.62	-4.40	-4.16	-3.90	-3.63	-3.36	-3.09	-2.82	-2.55	-2.28	-1.99	-1.70	-1.43	-1.16	-0.89	-0.62	-0.36	0.00	0.20	0.40	0.60	0.87	1.05	1.22	1.48	1.57	1.88	1.97	2.08	2.17	2.27					
48	-6.13	-6.11	-6.06	-5.96	-5.83	-5.66	-5.50	-5.33	-5.14	-4.93	-4.70	-4.45	-4.18	-3.91	-3.63	-3.35	-3.07	-2.80	-2.53	-2.26	-1.97	-1.69	-1.43	-1.16	-0.89	-0.62	-0.36	0.00	0.24	0.44	0.64	0.87	1.05	1.22	1.48	1.57	1.88	1.97	2.08	2.17	2.27					
50	-6.22	-6.20	-6.15	-6.05	-5.92	-5.75	-5.58	-5.40	-5.21	-5.00	-4.78	-4.53	-4.26	-3.98	-3.70	-3.42	-3.14	-2.87	-2.60	-2.33	-2.04	-1.76	-1.49	-1.22	-0.95	-0.68	-0.41	-0.15	0.00	0.20	0.40	0.60	0.87	1.05	1.22	1.48	1.57	1.88	1.97	2.08	2.17					
52	-6.28	-6.26	-6.23	-6.13	-6.02	-5.85	-5.67	-5.48	-5.29	-5.08	-4.84	-4.57	-4.29	-3.98	-3.66	-3.34	-3.00	-2.68	-2.36	-2.05	-1.73	-1.43	-1.13	-0.83	-0.55	-0.28	-0.02	0.24	0.47	0.70	0.91	1.11	1.30	1.47	1.63	1.78	1.91	2.03	2.13	2.22						
54	-6.32	-6.31	-6.28	-6.24	-6.19	-6.13	-6.05	-5.95	-5.84	-5.72	-5.59	-5.45	-5.30	-5.14	-4.97	-4.79	-4.60	-4.41	-4.22	-4.03	-3.84	-3.64	-3.44	-3.24	-3.04	-2.84	-2.64	-2.44	-2.24	-2.04	0.00	0.20	0.40	0.60	0.87	1.05	1.22	1.48	1.57	1.88						
56	-6.35	-6.34	-6.32	-6.29	-6.25	-6.20	-6.13	-6.03	-5.92	-5.79	-5.65	-5.50	-5.34	-5.16	-4.96	-4.75	-4.53	-4.30	-4.07	-3.84	-3.60	-3.36	-3.12	-2.88	-2.64	-2.40	-2.16	-1.92	-1.68	-1.44	-1.20	0.00	0.20	0.40	0.60	0.87	1.05	1.22	1.48	1.57						
58	-6.37	-6.36	-6.34	-6.32	-6.29	-6.25	-6.19	-6.11	-6.01	-5.89	-5.75	-5.60	-5.44	-5.27	-5.09	-4.90	-4.71	-4.50	-4.28	-4.05	-3.81	-3.57	-3.33	-3.09	-2.85	-2.61	-2.37	-2.13	-1.89	-1.65	-1.41	-1.17	0.00	0.20	0.40	0.60	0.87	1.05	1.22	1.48	1.57					
60	-6.38	-6.38	-6.36	-6.33	-6.29	-6.23	-6.16	-6.06	-5.94	-5.78	-5.59	-5.37	-5.15	-4.92	-4.68	-4.43	-4.20	-3.96	-3.72	-3.48	-3.24	-3.00	-2.76	-2.52	-2.28	-2.04	-1.80	-1.56	-1.32	-1.08	-0.84	-0.60	-0.36	0.00	0.20	0.40	0.60	0.87								

2D Radiation Pattern- GPS Ant4 @ 1.56GHz (2/4)

[illegible]

2D Radiation Pattern- GPS Ant4 @ 1.56GHz (3/4)

[illegible]

2D Radiation Pattern- GPS Ant4 @ 1.56GHz (4/4)

[illegible]

2D Radiation Pattern- GPS Ant4 @ 1.575GHz (1/4

[illegible]

2D Radiation Pattern- GPS Ant4 @ 1.575GHz (24)

Theta/Deg	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80													
0	0.01	0.19	0.19	0.20	0.21	0.21	0.22	0.23	0.24	0.24	0.25	0.25	0.26	0.26	0.27	0.27	0.28	0.28	0.29	0.29	0.30	0.30	0.31	0.31	0.32	0.32	0.33	0.33	0.34	0.34	0.35	0.35	0.36	0.36	0.37	0.37	0.38	0.38	0.39	0.39	0.40	0.40												
2	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11												
4	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02												
6	0.21	0.21	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21												
8	0.47	0.48	0.49	0.49	0.49	0.49	0.47	0.45	0.42	0.39	0.36	0.33	0.30	0.28	0.26	0.25	0.23	0.22	0.22	0.21	0.19	0.17	0.15	0.13	0.11	0.09	0.07	0.06	0.05	0.04	0.03	0.02	0.01	0.00	-0.01	-0.02	-0.03	-0.04	-0.05	-0.07	-0.09	-0.12	-0.13											
10	0.77	0.78	0.79	0.79	0.79	0.77	0.75	0.71	0.68	0.65	0.62	0.59	0.56	0.54	0.52	0.50	0.48	0.46	0.44	0.42	0.39	0.36	0.33	0.30	0.27	0.24	0.22	0.21	0.19	0.17	0.15	0.13	0.11	0.09	-0.07	-0.06	-0.07	-0.08	-0.09	-0.11	-0.13	-0.15	-0.18											
12	1.11	1.12	1.12	1.12	1.12	1.10	1.07	1.04	1.00	0.97	0.93	0.90	0.87	0.85	0.82	0.80	0.77	0.74	0.71	0.68	0.64	0.60	0.55	0.51	0.47	0.43	0.40	0.37	0.33	0.30	0.27	0.24	0.21	0.18	0.15	0.13	0.11	0.09	-0.07	-0.08	-0.09	-0.10	-0.12											
14	1.47	1.47	1.48	1.47	1.46	1.44	1.41	1.38	1.34	1.31	1.28	1.24	1.21	1.18	1.15	1.12	1.08	1.04	1.00	0.96	0.91	0.86	0.81	0.76	0.71	0.66	0.61	0.57	0.53	0.49	0.45	0.41	0.37	0.33	0.29	0.24	0.20	0.17	0.13	0.10	0.07	0.03	0.00	-0.27										
16	1.83	1.84	1.84	1.83	1.81	1.79	1.76	1.73	1.69	1.66	1.62	1.59	1.56	1.52	1.49	1.45	1.40	1.35	1.30	1.24	1.18	1.11	1.05	0.98	0.91	0.85	0.79	0.73	0.67	0.61	0.55	0.49	0.43	0.37	0.32	0.26	0.21	0.16	0.11	0.07	0.02	-0.02	-0.11	-1.03										
18	2.19	2.20	2.20	2.18	2.16	2.14	2.11	2.07	2.04	1.99	1.96	1.92	1.87	1.82	1.78	1.73	1.68	1.62	1.55	1.47	1.39	1.31	1.23	1.15	1.07	0.99	0.90	0.82	0.75	0.69	0.62	0.54	0.47	0.40	0.33	0.27	0.21	0.15	0.10	0.04	-0.07	-0.12	-0.17	-0.23										
20	2.54	2.54	2.53	2.52	2.49	2.46	2.43	2.39	2.35	2.30	2.27	2.23	2.18	2.13	2.08	2.03	1.98	1.90	1.81	1.72	1.63	1.54	1.45	1.36	1.27	1.18	1.09	0.99	0.89	0.80	0.71	0.62	0.54	0.46	0.39	0.31	0.22	0.14	0.06	-0.01	-0.08	-0.15	-0.21	-0.27	-1.61									
22	2.88	2.88	2.86	2.85	2.80	2.76	2.70	2.67	2.61	2.55	2.50	2.45	2.39	2.33	2.26	2.19	2.12	2.05	1.96	1.87	1.78	1.69	1.60	1.51	1.42	1.32	1.23	1.14	1.04	0.95	0.86	0.77	0.67	0.58	0.49	0.40	0.31	0.22	0.14	0.06	-0.01	-0.08	-0.15	-0.21	-0.27	-1.61								
24	3.15	3.14	3.13	3.10	3.07	3.03	2.96	2.90	2.83	2.76	2.69	2.62	2.55	2.48	2.40	2.33	2.26	2.19	2.10	2.01	1.92	1.83	1.74	1.65	1.56	1.47	1.37	1.28	1.18	1.09	0.99	0.89	0.80	0.71	0.62	0.53	0.44	0.35	0.26	0.17	0.08	-0.01	-0.08	-0.15	-0.21	-0.27	-1.61							
26	3.46	3.46	3.43	3.40	3.35	3.29	3.21	3.13	3.05	2.97	2.89	2.81	2.73	2.65	2.57	2.49	2.40	2.31	2.22	2.13	2.04	1.95	1.86	1.77	1.68	1.59	1.50	1.41	1.32	1.22	1.13	1.04	0.95	0.86	0.77	0.67	0.58	0.49	0.40	0.31	0.22	0.14	0.06	-0.01	-0.08	-0.15	-0.21	-0.27	-1.61					
28	3.55	3.55	3.52	3.48	3.45	3.41	3.37	3.31	3.25	3.18	3.11	3.04	2.97	2.90	2.83	2.76	2.68	2.60	2.51	2.42	2.33	2.24	2.15	2.06	1.97	1.88	1.79	1.70	1.61	1.52	1.43	1.34	1.25	1.16	1.07	0.98	0.89	0.80	0.71	0.62	0.53	0.44	0.35	0.26	0.17	0.08	-0.01	-0.08	-0.15	-0.21	-0.27	-1.61		
30	3.67	3.65	3.64	3.60	3.56	3.51	3.46	3.41	3.36	3.31	3.25	3.19	3.13	3.07	2.99	2.92	2.85	2.77	2.69	2.60	2.51	2.42	2.33	2.24	2.15	2.06	1.97	1.88	1.79	1.70	1.61	1.52	1.43	1.34	1.25	1.16	1.07	0.98	0.89	0.80	0.71	0.62	0.53	0.44	0.35	0.26	0.17	0.08	-0.01	-0.08	-0.15	-0.21	-0.27	-1.61
32	3.67	3.65	3.64	3.60	3.56	3.51	3.46	3.41	3.36	3.31	3.25	3.19	3.13	3.07	2.99	2.92	2.85	2.77	2.69	2.60	2.51	2.42	2.33	2.24	2.15	2.06	1.97	1.88	1.79	1.70	1.61	1.52	1.43	1.34	1.25	1.16	1.07	0.98	0.89	0.80	0.71	0.62	0.53	0.44	0.35	0.26	0.17	0.08	-0.01	-0.08	-0.15	-0.21	-0.27	-1.61
34	3.54	3.54	3.52	3.48	3.44	3.38	3.32	3.26	3.19	3.11	3.04	2.96	2.88	2.79	2.71	2.63	2.54	2.45	2.36	2.27	2.18	2.09	2.00	1.91	1.82	1.73	1.64	1.55	1.46	1.37	1.28	1.19	1.10	1.01	0.92	0.83	0.74	0.65	0.56	0.47	0.38	0.29	0.20	0.11	0.02	-0.07	-0.12	-0.17	-0.23	-1.61				
36	3.46	3.43	3.39	3.35	3.29	3.23	3.17	3.10	3.02	2.94	2.86	2.78	2.69	2.60	2.51	2.42	2.33	2.24	2.15	2.06	1.97	1.88	1.79	1.70	1.61	1.52	1.43	1.34	1.25	1.16	1.07	0.98	0.89	0.80	0.71	0.62	0.53	0.44	0.35	0.26	0.17	0.08	-0.01	-0.08	-0.15	-0.21	-0.27	-1.61						
38	3.36	3.36	3.34	3.31	3.26	3.20	3.13	3.05	2.96	2.87	2.78	2.69	2.60	2.51	2.41	2.31	2.21	2.11	2.01	1.91	1.82	1.73	1.64	1.55	1.46	1.37	1.28	1.19	1.10	1.01	0.92	0.83	0.74	0.65	0.56	0.47	0.38	0.29	0.20	0.11	0.02	-0.07	-0.12	-0.17	-0.23	-1.61								
40	3.15	3.11	3.09	3.07	3.02	2.95	2.87	2.78	2.69	2.60	2.51	2.41	2.31	2.21	2.11	2.01	1.91	1.82	1.73	1.64	1.55	1.46	1.37	1.28	1.19	1.10	1.01	0.92	0.83	0.74	0.65	0.56	0.47	0.38	0.29	0.20	0.11	0.02	-0.07	-0.12	-0.17	-0.23	-1.61											
42	3.11	3.11	3.09	3.07	3.02	2.95	2.87	2.78	2.69	2.60	2.51	2.41	2.31	2.21	2.11	2.01	1.91	1.82	1.73	1.64	1.55	1.46	1.37	1.28	1.19	1.10	1.01	0.92	0.83	0.74	0.65	0.56	0.47	0.38	0.29	0.20	0.11	0.02	-0.07	-0.12	-0.17	-0.23	-1.61											
44	3.11	3.11	3.09	3.07	3.02	2.95	2.87	2.78	2.69	2.60	2.51	2.41	2.31	2.21	2.11	2.01	1.91	1.82	1.73	1.64	1.55	1.46	1.37	1.28	1.19	1.10	1.01	0.92	0.83	0.74	0.65	0.56	0.47	0.38	0.29	0.20	0.11	0.02	-0.07	-0.12	-0.17	-0.23	-1.61											
46	3.46	3.46	3.43	3.40	3.35	3.29	3.23	3.17	3.10	3.02	2.94	2.86	2.78	2.69	2.60	2.51	2.42	2.33	2.24	2.15	2.06	1.97	1.88	1.79	1.70	1.61	1.52	1.43	1.34	1.25	1.16	1.07	0.98	0.89	0.80	0.71	0.62	0.53	0.44	0.35	0.26	0.17	0.08	-0.01	-0.08	-0.15	-0.21	-0.27	-1.61					
48	3.56	3.55	3.54	3.50	3.45	3.38	3.29	3.19	3.09	2.99	2.89	2.80	2.71	2.61	2.51	2.41	2.31	2.21	2.11	2.01	1.91	1.82	1.73	1.64	1.55	1.46	1.37	1.28	1.19	1.10	1.01	0.92	0.83	0.74	0.65	0.56	0.47	0.38	0.29	0.20	0.11	0.02	-0.07	-0.12	-0.17	-0.23	-1.61							
50	3.77	3.76	3.74	3.70	3.65	3.58	3.49	3.39	3.29	3.19	3.09	2.99	2.89	2.79	2.70	2.60	2.50	2.40	2.30	2.20	2.10	2.00	1.90	1.80	1.70	1.60	1.50	1.40	1.30	1.20	1.10	1.00	0.90	0.80	0.70	0.60	0.50	0.40	0.30	0.20	0.10	0.00	-0.09	-0.14	-0.19	-0.24	-1.61							
52	4.00	3.99	3.96	3.92	3.87	3.79	3.70	3.60	3.49	3.38	3.27	3.16	3.05	2.94	2.83	2.72	2.61	2.50	2.39	2.28	2.17	2.06	1.95	1.84	1.73	1.62	1.51	1.40	1.29	1.18	1.07	0.96	0.85	0.74	0.63	0.52	0.41	0.30	0.19	0.08	-0.03	-0.08	-0.13	-0.18	-0.23	-1.61								
54	4.22	4.21	4.18	4.14	4.07	4.00	3.91	3.80	3.69	3.57	3.45	3.33	3.21	3.09	2.97	2.85	2.73	2.61	2.49	2.37	2.25	2.13	2.01	1.89	1.77	1.65	1.53	1.41	1.29	1.17	1.05	0.93	0.81	0.69	0.57	0.45	0.33	0.21	0.09	-0.04	-0.09	-0.14	-0.19	-0.24	-1.61									
56	4.40	4.39	4.36	4.31	4.25	4.17	4.08	3.97	3.85	3.72	3.57	3.40	3.22	3.02	2.80	2.58	2.																																					

2D Radiation Pattern- GPS Ant4 @ 1.575GHz (3/4)

Theta(Pt)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90		
182	-19.84	-19.74	-19.61	-19.45	-19.27	-19.08	-18.86	-18.65	-18.43	-18.21	-18.01	-17.83	-17.67	-17.53	-17.42	-17.32	-17.25	-17.20	-17.17	-17.15	-17.14	-17.15	-17.18	-17.21	-17.25	-17.29	-17.32	-17.34	-17.35	-17.36	-17.36	-17.35	-17.34	-17.34	-17.34	-17.34	-17.34	-17.34	-17.34	-17.34	-17.34	-17.34	-17.34	-17.34	-17.34			
184	-20.40	-20.32	-20.20	-20.07	-19.91	-19.74	-19.54	-19.37	-19.20	-19.02	-18.84	-18.67	-18.50	-18.34	-18.19	-18.06	-17.94	-17.83	-17.73	-17.65	-17.58	-17.54	-17.50	-17.47	-17.45	-17.43	-17.42	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41	-17.41	
186	-20.87	-20.66	-20.45	-20.20	-19.94	-19.69	-19.50	-19.30	-19.10	-18.90	-18.70	-18.50	-18.30	-18.10	-17.90	-17.70	-17.50	-17.30	-17.10	-16.90	-16.70	-16.50	-16.30	-16.10	-15.90	-15.70	-15.50	-15.30	-15.10	-14.90	-14.70	-14.50	-14.30	-14.10	-13.90	-13.70	-13.50	-13.30	-13.10	-12.90	-12.70	-12.50	-12.30	-12.10	-11.90	-11.70	-11.50	-11.30
188	-20.87	-20.66	-20.45	-20.20	-19.94	-19.69	-19.50	-19.30	-19.10	-18.90	-18.70	-18.50	-18.30	-18.10	-17.90	-17.70	-17.50	-17.30	-17.10	-16.90	-16.70	-16.50	-16.30	-16.10	-15.90	-15.70	-15.50	-15.30	-15.10	-14.90	-14.70	-14.50	-14.30	-14.10	-13.90	-13.70	-13.50	-13.30	-13.10	-12.90	-12.70	-12.50	-12.30	-12.10	-11.90	-11.70	-11.50	-11.30
190	-20.42	-20.19	-19.89	-19.53	-19.10	-18.62	-18.11	-17.57	-17.02	-16.49	-15.98	-15.52	-15.11	-14.73	-14.40	-14.11	-13.85	-13.62	-13.43	-13.26	-13.12	-13.00	-12.90	-12.83	-12.75	-12.68	-12.62	-12.57	-12.52	-12.46	-12.41	-12.36	-12.31	-12.26	-12.21	-12.17	-12.13	-12.10	-12.07	-12.04	-12.01	-11.98	-11.95	-11.92	-11.89	-11.86	-11.83	
192	-19.29	-18.75	-18.07	-18.11	-18.20	-18.26	-18.29	-18.29	-18.26	-18.20	-18.10	-18.00	-17.90	-17.80	-17.70	-17.60	-17.50	-17.40	-17.30	-17.20	-17.10	-17.00	-16.90	-16.80	-16.70	-16.60	-16.50	-16.40	-16.30	-16.20	-16.10	-16.00	-15.90	-15.80	-15.70	-15.60	-15.50	-15.40	-15.30	-15.20	-15.10	-15.00	-14.90	-14.80	-14.70	-14.60	-14.50	
194	-19.29	-19.12	-18.89	-18.60	-18.25	-17.85	-17.42	-16.98	-16.50	-16.04	-15.60	-15.20	-14.84	-14.50	-14.18	-13.85	-13.50	-13.20	-12.94	-12.70	-12.50	-12.30	-12.10	-11.90	-11.70	-11.50	-11.30	-11.10	-10.90	-10.70	-10.50	-10.30	-10.10	-9.90	-9.70	-9.50	-9.30	-9.10	-8.90	-8.70	-8.50	-8.30	-8.10	-7.90	-7.70	-7.50	-7.30	
196	-18.46	-18.34	-18.17	-17.94	-17.66	-17.33	-16.90	-16.42	-15.94	-15.47	-15.00	-14.53	-14.05	-13.58	-13.10	-12.62	-12.15	-11.68	-11.20	-10.73	-10.25	-9.78	-9.30	-8.83	-8.35	-7.88	-7.40	-6.93	-6.45	-5.98	-5.50	-5.03	-4.55	-4.08	-3.60	-3.13	-2.65	-2.18	-1.70	-1.23	-0.75	-0.28	0.19	0.72	1.25	1.78	2.31	
198	-17.49	-17.43	-17.32	-17.17	-16.98	-16.75	-16.49	-16.21	-15.92	-15.63	-15.34	-15.08	-14.82	-14.56	-14.30	-14.02	-13.72	-13.41	-13.08	-12.75	-12.41	-12.09	-11.78	-11.48	-11.20	-10.90	-10.60	-10.30	-10.00	-9.70	-9.40	-9.10	-8.80	-8.50	-8.20	-7.90	-7.60	-7.30	-7.00	-6.70	-6.40	-6.10	-5.80	-5.50	-5.20	-4.90	-4.60	
200	-16.51	-16.33	-16.14	-15.94	-15.69	-15.40	-15.08	-14.74	-14.38	-14.00	-13.62	-13.24	-12.86	-12.48	-12.10	-11.72	-11.34	-10.96	-10.58	-10.20	-9.82	-9.44	-9.06	-8.68	-8.30	-7.92	-7.54	-7.16	-6.78	-6.40	-6.02	-5.64	-5.26	-4.88	-4.50	-4.12	-3.74	-3.36	-2.98	-2.60	-2.22	-1.84	-1.46	-1.08	-0.70	-0.32	0.06	0.48
202	-15.33	-15.10	-14.83	-14.53	-14.20	-13.84	-13.46	-13.07	-12.68	-12.28	-11.89	-11.50	-11.10	-10.70	-10.30	-9.90	-9.50	-9.10	-8.70	-8.30	-7.90	-7.50	-7.10	-6.70	-6.30	-5.90	-5.50	-5.10	-4.70	-4.30	-3.90	-3.50	-3.10	-2.70	-2.30	-1.90	-1.50	-1.10	-0.70	-0.30	0.10	0.50	0.90	1.30	1.70	2.10		
204	-14.07	-13.80	-13.49	-13.15	-12.78	-12.40	-11.99	-11.58	-11.17	-10.75	-10.33	-9.91	-9.49	-9.07	-8.65	-8.23	-7.81	-7.39	-6.97	-6.55	-6.13	-5.71	-5.29	-4.87	-4.45	-4.03	-3.61	-3.19	-2.77	-2.35	-1.93	-1.51	-1.09	-0.67	-0.25	0.17	0.55	0.93	1.31	1.69	2.07	2.45	2.83	3.21	3.59	3.97		
206	-12.74	-12.52	-12.19	-11.82	-11.34	-10.80	-10.26	-9.76	-9.26	-8.76	-8.26	-7.76	-7.26	-6.76	-6.26	-5.76	-5.26	-4.76	-4.26	-3.76	-3.26	-2.76	-2.26	-1.76	-1.26	-0.76	-0.26	0.24	0.74	1.24	1.74	2.24	2.74	3.24	3.74	4.24	4.74	5.24	5.74	6.24	6.74	7.24	7.74	8.24	8.74			
208	-11.57	-11.30	-10.90	-10.40	-9.80	-9.20	-8.60	-8.00	-7.40	-6.80	-6.20	-5.60	-5.00	-4.40	-3.80	-3.20	-2.60	-2.00	-1.40	-0.80	-0.20	0.30	0.80	1.30	1.80	2.30	2.80	3.30	3.80	4.30	4.80	5.30	5.80	6.30	6.80	7.30	7.80	8.30	8.80	9.30	9.80	10.30	10.80	11.30				
210	-10.32	-10.07	-9.67	-9.15	-8.50	-7.85	-7.20	-6.55	-5.90	-5.25	-4.60	-3.95	-3.30	-2.65	-2.00	-1.35	-0.70	-0.05	0.60	1.25	1.90	2.55	3.20	3.85	4.50	5.15	5.80	6.45	7.10	7.75	8.40	9.05	9.70	10.35	11.00	11.65	12.30	12.95	13.60	14.25	14.90	15.55	16.20	16.85				
212	-9.08	-8.77	-8.26	-7.60	-6.85	-6.10	-5.35	-4.60	-3.85	-3.10	-2.35	-1.60	-0.85	-0.10	0.65	1.40	2.15	2.90	3.65	4.40	5.15	5.90	6.65	7.40	8.15	8.90	9.65	10.40	11.15	11.90	12.65	13.40	14.15	14.90	15.65	16.40	17.15	17.90	18.65	19.40	20.15	20.90	21.65					
214	-7.86	-7.52	-6.81	-6.00	-5.15	-4.25	-3.30	-2.35	-1.40	-0.45	0.50	1.55	2.60	3.65	4.70	5.75	6.80	7.85	8.90	9.95	11.00	12.05	13.10	14.15	15.20	16.25	17.30	18.35	19.40	20.45	21.50	22.55	23.60	24.65	25.70	26.75	27.80	28.85	29.90	30.95	32.00	33.05	34.10					
216	-6.79	-6.40	-5.55	-4.60	-3.60	-2.55	-1.50	-0.45	0.60	1.65	2.70	3.75	4.80	5.85	6.90	7.95	9.00	10.05	11.10	12.15	13.20	14.25	15.30	16.35	17.40	18.45	19.50	20.55	21.60	22.65	23.70	24.75	25.80	26.85	27.90	28.95	30.00	31.05	32.10	33.15	34.20	35.25	36.30	37.35	38.40			
218	-5.77	-5.40	-4.50	-3.50	-2.45	-1.40	-0.35	0.70	1.75	2.80	3.85	4.90	5.95	7.00	8.05	9.10	10.15	11.20	12.25	13.30	14.35	15.40	16.45	17.50	18.55	19.60	20.65	21.70	22.75	23.80	24.85	25.90	26.95	28.00	29.05	30.10	31.15	32.20	33.25	34.30	35.35	36.40	37.45	38.50	39.55	40.60		
220	-4.80	-4.45	-3.50	-2.45	-1.40	-0.35	0.70	1.75	2.80	3.85	4.90	5.95	7.00	8.05	9.10	10.15	11.20	12.25	13.30	14.35	15.40	16.45	17.50	18.55	19.60	20.65	21.70	22.75	23.80	24.85	25.90	26.95	28.00	29.05	30.10	31.15	32.20	33.25	34.30	35.35	36.40	37.45	38.50	39.55	40.60	41.65	42.70	
222	-4.04	-3.70	-2.70	-1.65	-0.60	0.45	1.50	2.55	3.60	4.65	5.70	6.75	7.80	8.85	9.90	10.95	12.00	13.05	14.10	15.15	16.20	17.25	18.30	19.35	20.40	21.45	22.50	23.55	24.60	25.65	26.70	27.75	28.80	29.85	30.90	31.95	33.00	34.05	35.10	36.15	37.20	38.25	39.30	40.35	41.40	42.45		
224	-3.35	-3.05	-2.05	-1.00	-0.05	0.95	1.95	2.95	3.95	4.95	5.95	6.95	7.95	8.95	9.95	10.95	11.95	12.95	13.95	14.95	15.95	16.95	17.95	18.95	19.95	20.95	21.95	22.95	23.95	24.95	25.95	26.95	27.95	28.95	29.95	30.95	31.95	32.95	33.95	34.95	35.95	36.95	37.95	38.95	39.95	40.95		
226	-2.75	-2.45	-1.45	-0.40	0.55	1.55	2.55	3.55	4.55	5.55	6.55	7.55	8.55	9.55	10.55	11.55	12.55	13.55	14.55	15.55	16.55	17.55	18.55	19.55	20.55	21.55	22.55	23.55	24.55	25.55	26.55	27.55	28.55	29.55	30.55	31.55	32.55	33.55	34.55	35.55	36.55	37.55	38.55	39.55	40.55	41.55	42.55	
228	-2.25	-1.95	-0.95	-0.05	0.95	1.95	2.95	3.95	4.95	5.95	6.95	7.95	8.95	9.95	10.95	11.95	12.95	13.95	14.95	15.95	16.95	17.95	18.95	19.95	20.95	21.95	22.95	23.95	24.95	25.95	26.95	27.95	28.95	29.95	30.95	31.95	32.95	33.95	34.95	35.95	36.95	37.95	38.95	39.95	40.95	41.95	42.95	
230	-1.84	-1.59	-0.59	-0.22	0.79	1.79	2.79	3.79	4.79	5.79	6.79	7.79	8.79	9.79	10.79	11.79	12.79	13.79	14.79	15.79	16.79	17.79	18.79	19.79	20.79	21.79	22.79	23.79	24.79	25.79	26.79	27.79	28.79	29.79	30.79	31.79	32.79	33.79	34.79	35.79	36.79	37.79	38.79	39.79	40.79	41.79	42.79	
232	-1.51	-1.30	-0.30	-0.05	0.95	1.95	2.95	3.95	4.95	5.95	6.95	7.95	8.95	9.95	10.95	11.95	12.95	13.95	14.95	15.95	16.95	17.95	18.95	19.95	20.95	21.95	22.95	23.95	24.95	25.95	26.95	27.95	28.95	29.95	30.95	31.95	32.95	33.95	34.95	35.95	36.95	37.95	38.95	39.95	40.95	41.95	42.95	
234	-1.26	-1.17	-0.17	-0.05	0.95	1.95	2.95	3.95	4.95	5.95</																																						

2D Radiation Pattern- GPS Ant4 @ 1.575GHz (4/4)

102	92	84	96	88	80	72	64	56	48	40	32	24	16	8	0	8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160	168	176	184	192	200	208	216	224	232	240	248	256	264	272	280	288	296	304	312	320	328	336	344	352	360	368	376	384	392	400	408	416	424	432	440	448	456	464	472	480	488	496	504	512	520	528	536	544	552	560	568	576	584	592	600	608	616	624	632	640	648	656	664	672	680	688	696	704	712	720	728	736	744	752	760	768	776	784	792	800	808	816	824	832	840	848	856	864	872	880	888	896	904	912	920	928	936	944	952	960	968	976	984	992	1000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
182	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000

2D Radiation Pattern- GPS Ant4 @ 1.61GHz (1/4)

Theta(Deg)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90		
0	0.51	0.52	0.52	0.53	0.54	0.54	0.54	0.54	0.53	0.52	0.50	0.48	0.45	0.42	0.40	0.38	0.37	0.37	0.38	0.39	0.41	0.41	0.41	0.41	0.41	0.40	0.39	0.37	0.35	0.33	0.31	0.29	0.27	0.25	0.23	0.21	0.19	0.17	0.15	0.13	0.11	0.09	0.07	0.05	0.03	0.01	0.00	
2	0.57	0.56	0.56	0.55	0.54	0.53	0.52	0.51	0.50	0.47	0.45	0.42	0.40	0.38	0.36	0.34	0.33	0.33	0.34	0.35	0.36	0.37	0.37	0.37	0.37	0.36	0.34	0.32	0.30	0.28	0.26	0.24	0.22	0.20	0.18	0.16	0.14	0.12	0.10	0.08	0.06	0.04	0.02	0.00	0.00	0.00	0.00	
4	0.66	0.64	0.62	0.60	0.58	0.56	0.52	0.54	0.54	0.50	0.46	0.42	0.40	0.38	0.36	0.34	0.33	0.33	0.34	0.35	0.36	0.37	0.37	0.37	0.37	0.36	0.34	0.32	0.30	0.28	0.26	0.24	0.22	0.20	0.18	0.16	0.14	0.12	0.10	0.08	0.06	0.04	0.02	0.00	0.00	0.00	0.00	
6	1.00	1.05	1.09	1.09	0.99	0.90	0.69	0.62	0.78	0.73	0.68	0.65	0.62	0.60	0.58	0.56	0.54	0.52	0.50	0.48	0.46	0.44	0.42	0.42	0.42	0.41	0.40	0.38	0.36	0.34	0.32	0.30	0.28	0.26	0.24	0.22	0.20	0.18	0.16	0.14	0.12	0.10	0.08	0.06	0.04	0.02	0.00	0.00
8	1.13	1.29	1.25	1.21	1.17	1.12	1.08	1.03	0.98	0.89	0.87	0.80	0.74	0.68	0.62	0.57	0.52	0.49	0.46	0.44	0.42	0.42	0.42	0.41	0.40	0.40	0.39	0.38	0.37	0.36	0.35	0.35	0.35	0.35	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	
10	1.00	1.15	1.10	1.04	1.00	0.94	0.86	0.79	0.74	0.70	0.65	0.60	0.55	0.50	0.45	0.40	0.36	0.32	0.29	0.26	0.23	0.21	0.20	0.20	0.20	0.19	0.18	0.17	0.16	0.15	0.14	0.13	0.12	0.11	0.10	0.09	0.08	0.07	0.06	0.05	0.04	0.03	0.02	0.01	0.00	0.00	0.00	0.00
12	1.50	1.84	1.78	1.72	1.66	1.60	1.53	1.46	1.38	1.30	1.22	1.13	1.04	0.95	0.86	0.78	0.70	0.64	0.58	0.53	0.48	0.44	0.41	0.39	0.37	0.35	0.33	0.31	0.29	0.27	0.25	0.23	0.21	0.19	0.17	0.15	0.13	0.11	0.09	0.07	0.05	0.03	0.01	0.00	0.00	0.00	0.00	
14	2.21	2.51	2.38	2.31	2.24	2.16	2.07	1.97	1.87	1.77	1.66	1.54	1.42	1.29	1.17	1.06	0.95	0.86	0.75	0.66	0.57	0.48	0.40	0.32	0.24	0.16	0.08	0.00	0.07	0.14	0.21	0.27	0.33	0.39	0.44	0.48	0.52	0.56	0.59	0.62	0.65	0.68	0.70	0.71	0.71	0.71	0.71	
16	2.80	2.81	2.73	2.64	2.53	2.46	2.32	2.20	2.05	1.94	1.82	1.69	1.57	1.43	1.29	1.16	1.03	0.91	0.80	0.71	0.62	0.52	0.42	0.31	0.21	0.11	0.01	0.08	0.18	0.27	0.35	0.41	0.47	0.51	0.54	0.56	0.58	0.60	0.62	0.64	0.66	0.68	0.69	0.70	0.71	0.71	0.71	
18	3.23	3.15	3.07	2.97	2.86	2.77	2.66	2.55	2.45	2.30	2.15	2.00	1.85	1.70	1.55	1.40	1.25	1.11	0.97	0.85	0.75	0.65	0.55	0.45	0.32	0.20	0.08	0.04	0.11	0.27	0.38	0.48	0.55	0.61	0.67	0.70	0.74	0.77	0.80	0.81	0.82	0.83	0.84	0.85	0.85	0.85		
20	3.69	3.50	3.41	3.31	3.21	3.10	2.98	2.86	2.75	2.57	2.42	2.26	2.10	1.95	1.79	1.62	1.45	1.28	1.13	1.00	0.89	0.80	0.70	0.60	0.50	0.40	0.30	0.22	0.16	0.40	0.60	0.75	0.82	0.85	0.88	0.91	0.93	0.94	0.95	0.96	0.97	0.98	0.99	1.00	1.00	1.00	1.00	
22	3.94	3.65	3.76	3.65	3.54	3.42	3.30	3.16	3.02	2.86	2.70	2.52	2.34	2.16	1.97	1.79	1.61	1.43	1.25	1.08	0.90	0.73	0.56	0.39	0.22	0.06	0.03	0.26	0.41	0.55	0.69	0.82	0.94	1.06	1.17	1.26	1.35	1.43	1.50	1.57	1.63	1.68	1.73	1.78	1.83	1.88	1.93	
24	4.07	4.08	4.78	4.66	4.46	4.25	4.09	3.92	3.75	3.54	3.34	3.12	2.91	2.69	2.46	2.21	2.00	1.79	1.57	1.35	1.07	0.85	0.63	0.41	0.21	0.03	0.00	0.20	0.41	0.60	0.80	1.00	1.20	1.38	1.56	1.74	1.92	2.10	2.28	2.46	2.64	2.82	3.00	3.18	3.36	3.54		
26	4.03	4.54	4.44	4.33	4.21	4.08	3.94	3.78	3.62	3.44	3.25	3.06	2.86	2.65	2.44	2.22	2.01	1.80	1.59	1.37	1.16	0.95	0.74	0.54	0.33	0.13	0.06	0.25	0.43	0.61	0.78	0.94	1.09	1.23	1.36	1.48	1.58	1.67	1.76	1.86	1.96	2.06	2.15	2.25	2.35	2.45		
28	3.59	5.20	5.10	5.00	4.98	4.85	4.71	4.55	4.39	4.21	4.02	3.82	3.61	3.39	3.18	2.95	2.70	2.46	2.22	1.98	1.74	1.50	1.26	1.02	0.79	0.55	0.31	0.11	0.11	0.31	0.51	0.70	0.88	1.05	1.21	1.36	1.49	1.61	1.73	1.83	1.93	2.03	2.14	2.24	2.35	2.46		
30	3.68	5.00	5.40	5.36	5.35	5.30	5.24	5.08	4.94	4.80	4.64	4.47	4.29	4.11	3.94	3.76	3.58	3.39	3.20	3.01	2.82	2.64	2.45	2.26	2.07	1.88	1.69	1.50	1.31	1.12	0.93	0.74	0.55	0.36	0.17	1.11	1.29	1.46	1.63	1.79	1.96	2.13	2.30	2.47	2.64			
32	3.58	5.77	5.88	5.86	5.82	5.77	5.71	5.61	5.49	5.34	5.18	4.99	4.81	4.63	4.45	4.27	4.08	3.89	3.70	3.51	3.32	3.13	2.94	2.75	2.56	2.37	2.18	2.00	1.81	1.62	1.43	1.24	1.05	0.86	0.67	0.48	0.29	1.36	1.54	1.72	1.90	2.08	2.26	2.44	2.62			
34	4.28	6.21	6.11	6.00	5.96	5.91	5.85	5.68	5.57	5.47	5.37	5.25	5.13	5.00	4.87	4.74	4.61	4.47	4.32	4.17	4.02	3.87	3.72	3.57	3.42	3.27	3.12	2.97	2.82	2.67	2.52	2.37	2.22	2.07	1.92	1.77	1.62	1.47	1.32	1.17	1.02	0.87	0.72	0.57	0.42	0.27		
36	4.50	6.44	6.35	6.24	6.11	5.96	5.80	5.62	5.43	5.23	5.02	4.80	4.57	4.34	4.09	3.83	3.56	3.28	2.99	2.70	2.41	2.12	1.83	1.55	1.28	1.00	0.76	0.48	0.24	0.00	0.23	0.44	0.64	0.82	1.00	1.18	1.36	1.54	1.72	1.90	2.08	2.26	2.44	2.62				
38	4.62	6.51	6.23	6.03	5.89	5.69	5.75	5.69	5.62	5.54	5.46	5.36	5.26	5.16	5.06	4.96	4.86	4.76	4.66	4.56	4.46	4.36	4.26	4.16	4.06	3.96	3.86	3.76	3.66	3.56	3.46	3.36	3.26	3.16	3.06	2.96	2.86	2.76	2.66	2.56	2.46	2.36	2.26	2.16	2.06			
40	4.68	6.41	6.32	6.22	6.10	5.97	5.82	5.65	5.48	5.29	5.09	4.87	4.65	4.42	4.17	3.90	3.63	3.34	3.04	2.74	2.44	2.12	1.82	1.52	1.22	0.92	0.66	0.38	0.12	0.14	0.38	0.61	0.82	1.02	1.21	1.38	1.54	1.69	1.82	1.94	2.04	2.13	2.20	2.28	2.35			
42	4.68	6.20	6.23	6.15	6.03	5.90	5.75	5.58	5.40	5.20	5.00	4.78	4.56	4.33	4.08	3.81	3.53	3.24	2.93	2.62	2.30	1.97	1.65	1.33	1.01	0.70	0.40	0.11	0.17	0.44	0.70	0.94	1.18	1.40	1.60	1.78	1.96	2.12	2.28	2.44	2.59	2.74	2.79	2.83	2.87			
44	4.68	6.20	6.23	6.15	6.03	5.90	5.75	5.58	5.40	5.20	5.00	4.78	4.56	4.33	4.08	3.81	3.53	3.24	2.93	2.62	2.30	1.97	1.65	1.33	1.01	0.70	0.40	0.11	0.17	0.44	0.70	0.94	1.18	1.40	1.60	1.78	1.96	2.12	2.28	2.44	2.59	2.74	2.79	2.83	2.87			
46	4.68	6.20	6.23	6.15	6.03	5.90	5.75	5.58	5.40	5.20	5.00	4.78	4.56	4.33	4.08	3.81	3.53	3.24	2.93	2.62	2.30	1.97	1.65	1.33	1.01	0.70	0.40	0.11	0.17	0.44	0.70	0.94	1.18	1.40	1.60	1.78	1.96	2.12	2.28	2.44	2.59	2.74	2.79	2.83	2.87			
48	4.68	6.20	6.23	6.15	6.03	5.90	5.75	5.58	5.40	5.20	5.00	4.78	4.56	4.33	4.08	3.81	3.53	3.24	2.93	2.62	2.30	1.97	1.65	1.33	1.01	0.70	0.40	0.11	0.17	0.44	0.70	0.94	1.18	1.40	1.60	1.78	1.96	2.12	2.28	2.44	2.59	2.74	2.79	2.83	2.87			
50	4.68	6.20	6.23	6.15	6.03	5.90	5.75	5.58	5.40	5.20	5.00	4.78	4.56	4.33	4.08	3.81	3.53	3.24	2.93	2.62	2.30	1.97	1.65	1.33	1.01	0.70	0.40	0.11	0.17	0.44	0.70	0.94	1.18	1.40	1.60	1.78	1.96	2.12	2.28	2.44	2.59	2.74	2.79	2.83	2.87			
52	4.68	6.20	6.23	6.15	6.03	5.90	5.75	5.58	5.40	5.20	5.00	4.78	4.56	4.33	4.08	3.81	3.53	3.24	2.93	2.62	2.30	1.97	1.65	1.33	1.01	0.70	0.40	0.11	0.17	0.44	0.70	0.94	1.18	1.40	1.60	1.78	1.96	2.12	2.28	2.44	2.59	2.74	2.79	2.83	2.87			
54	4.68	6.20	6.23	6.15	6.03	5.90	5.75	5.58	5.40	5.20	5.00	4.78	4.56	4.33	4.08	3.81	3.53	3.24	2.93	2.62	2.30	1.97	1.65	1.33	1.01	0.70	0.40	0.11	0.17	0.44	0.70	0.94	1.18	1.40	1.60	1.78	1.96	2.12	2.28	2.44	2.59	2.74	2.79	2.83	2.87			
56	4.68	6.20	6.23	6.15	6.03	5.90	5.75	5.5																																								

2D Radiation Pattern- GPS Ant4 @1.61GHz (24)

Theta/Phi	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80			
0	0.77	0.76	0.76	0.76	0.77	0.78	0.79	0.80	0.81	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73	0.72	0.71	0.70	0.69	0.69	0.68	0.68	0.67	0.66	0.66	0.65	0.64	0.63	0.63	0.63	0.63	0.65	0.66	0.67	0.68	0.69	0.69	0.69	0.69	0.69	0.69
2	0.80	0.80	0.79	0.79	0.79	0.80	0.81	0.81	0.82	0.82	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73	0.72	0.71	0.70	0.69	0.69	0.68	0.68	0.67	0.66	0.65	0.64	0.63	0.63	0.63	0.63	0.65	0.66	0.67	0.68	0.69	0.69	0.69	0.69	0.69	0.69	0.69
4	0.75	0.74	0.73	0.73	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74
6	0.62	0.61	0.60	0.60	0.60	0.60	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
8	0.42	0.41	0.40	0.39	0.39	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
10	0.17	0.16	0.15	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
12	0.12	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
14	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
16	0.78	0.79	0.79	0.78	0.77	0.75	0.72	0.69	0.65	0.62	0.58	0.55	0.51	0.47	0.44	0.40	0.38	0.33	0.27	0.21	0.14	0.07	0.01	0.04	0.08	0.14	0.21	0.28	0.34	0.41	0.48	0.55	0.62	0.69	0.75	0.80	0.85	0.89	0.89	0.89	0.89	0.89	0.89	0.89
18	1.12	1.12	1.12	1.12	1.07	1.04	1.01	0.97	0.94	0.90	0.87	0.83	0.79	0.75	0.70	0.66	0.62	0.58	0.54	0.51	0.48	0.45	0.42	0.40	0.38	0.36	0.34	0.32	0.30	0.28	0.27	0.26	0.25	0.24	0.23	0.22	0.21	0.20	0.19	0.18	0.17	0.16	0.15	0.14
20	1.45	1.45	1.44	1.43	1.41	1.38	1.35	1.32	1.28	1.25	1.21	1.17	1.13	1.08	1.03	0.98	0.93	0.88	0.83	0.79	0.74	0.69	0.64	0.59	0.55	0.51	0.47	0.43	0.39	0.35	0.31	0.28	0.25	0.22	0.19	0.16	0.13	0.10	0.07	0.04	0.01	0.00	0.00	0.00
22	1.75	1.75	1.74	1.73	1.70	1.67	1.64	1.60	1.57	1.53	1.49	1.45	1.41	1.36	1.30	1.25	1.19	1.13	1.06	0.99	0.92	0.85	0.78	0.71	0.64	0.57	0.50	0.43	0.36	0.29	0.22	0.15	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	2.02	2.02	2.01	1.98	1.95	1.92	1.89	1.85	1.81	1.78	1.74	1.69	1.64	1.59	1.52	1.44	1.35	1.25	1.15	1.03	0.90	0.80	0.69	0.58	0.47	0.36	0.25	0.14	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	2.28	2.28	2.27	2.24	2.20	2.16	2.12	2.07	2.02	1.96	1.89	1.82	1.75	1.67	1.58	1.48	1.37	1.25	1.13	1.00	0.87	0.75	0.63	0.51	0.40	0.29	0.18	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	2.49	2.49	2.48	2.45	2.40	2.36	2.31	2.26	2.20	2.14	2.08	2.02	1.95	1.88	1.78	1.65	1.53	1.41	1.29	1.16	1.03	0.90	0.78	0.66	0.54	0.43	0.32	0.21	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	2.68	2.68	2.67	2.64	2.59	2.54	2.49	2.43	2.37	2.30	2.24	2.17	2.10	2.02	1.93	1.81	1.69	1.56	1.43	1.30	1.17	1.04	0.92	0.80	0.68	0.56	0.45	0.34	0.23	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32	2.84	2.84	2.83	2.80	2.75	2.70	2.65	2.59	2.53	2.46	2.39	2.32	2.25	2.17	2.09	1.98	1.86	1.73	1.60	1.47	1.34	1.21	1.09	0.97	0.85	0.73	0.62	0.51	0.40	0.29	0.18	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	2.94	2.94	2.93	2.90	2.85	2.80	2.75	2.69	2.63	2.56	2.49	2.42	2.35	2.27	2.19	2.08	1.96	1.83	1.70	1.57	1.44	1.31	1.19	1.07	0.95	0.83	0.72	0.61	0.50	0.39	0.28	0.17	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	3.04	3.04	3.03	3.00	2.95	2.90	2.85	2.79	2.73	2.66	2.59	2.52	2.45	2.37	2.29	2.18	2.06	1.93	1.80	1.67	1.54	1.41	1.29	1.17	1.05	0.93	0.82	0.71	0.60	0.49	0.38	0.27	0.16	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	3.14	3.14	3.13	3.11	3.07	3.03	2.99	2.94	2.88	2.82	2.75	2.68	2.61	2.53	2.45	2.34	2.22	2.09	1.96	1.83	1.70	1.57	1.44	1.31	1.19	1.07	0.95	0.84	0.73	0.62	0.51	0.40	0.29	0.18	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	3.14	3.15	3.14	3.11	3.07	3.03	2.99	2.94	2.88	2.82	2.75	2.68	2.61	2.53	2.45	2.34	2.22	2.09	1.96	1.83	1.70	1.57	1.44	1.31	1.19	1.07	0.95	0.84	0.73	0.62	0.51	0.40	0.29	0.18	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	3.08	3.10	3.09	3.06	3.02	2.98	2.93	2.87	2.81	2.74	2.67	2.60	2.53	2.45	2.37	2.28	2.16	2.03	1.90	1.77	1.64	1.51	1.38	1.25	1.13	1.01	0.89	0.78	0.67	0.56	0.45	0.34	0.23	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	2.98	3.03	3.04	3.01	2.97	2.93	2.88	2.82	2.76	2.69	2.62	2.55	2.48	2.40	2.32	2.23	2.11	1.98	1.85	1.72	1.59	1.46	1.33	1.20	1.08	0.96	0.84	0.73	0.62	0.51	0.40	0.29	0.18	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	2.85	2.95	2.98	2.95	2.91	2.87	2.82	2.76	2.69	2.62	2.55	2.48	2.41	2.33	2.25	2.16	2.04	1.91	1.78	1.65	1.52	1.39	1.26	1.13	1.01	0.89	0.78	0.67	0.56	0.45	0.34	0.23	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	2.65	2.85	2.94	2.91	2.87	2.83	2.78	2.72	2.65	2.58	2.51	2.44	2.37	2.29	2.21	2.12	2.00	1.87	1.74	1.61	1.48	1.35	1.22	1.09	0.97	0.85	0.74	0.63	0.52	0.41	0.30	0.19	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	2.38	2.78	2.86	2.83	2.79	2.75	2.69	2.63	2.56	2.49	2.42	2.35	2.28	2.20	2.12	2.01	1.89	1.76	1.63	1.50	1.37	1.24	1.11	0.99	0.87	0.75	0.64	0.53	0.42	0.31	0.20	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52	2.04	2.83	2.81	2.77	2.71	2.64	2.57	2.50	2.43	2.36	2.29	2.22	2.15	2.07	2.00	1.90	1.78	1.65	1.52	1.39	1.26	1.13	1.00	0.88	0.76	0.65	0.54	0.43	0.32	0.21	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
54	1.68	2.68	2.66	2.62	2.56	2.49	2.42	2.35	2.28	2.21	2.14	2.07	2.00	1.93	1.86	1.76	1.64	1.51	1.38	1.25	1.12	1.00	0.88	0.76	0.64	0.53	0.42	0.31	0.20	0.09	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56	1.31	2.51	2.47	2.42	2.35	2.28	2.21	2.14	2.07	2.00	1.93	1.86	1.79	1.72	1.65	1.55	1.43	1.30	1.17	1.04	0.91	0.79	0.67	0.55	0.44	0.33	0.22	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
58	1.06	2.48	2.44	2.38	2.31	2.24	2.17	2.10	2.03	1.96	1.89	1.82	1.75	1.68	1.61	1.51	1.39	1.26	1.13	1.00	0.87	0.75	0.63	0.																				

2D Radiation Pattern- GPS Ant4 @ 1.61GHz (3/4)

[illegible]

2D Radiation Pattern- GPS Ant4 @ 1.61GHz (4/4)

ThetaPhi	02	04	06	08	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180	
182	-17.00	-17.01	-17.02	-17.02	-17.03	-17.05	-17.06	-17.07	-17.07	-17.08	-17.10	-17.11	-17.11	-17.12	-17.14	-17.15	-17.17	-17.20	-17.26	-17.28	-17.31	-17.33	-17.35	-17.38	-17.41	-17.45	-17.50	-17.56	-17.61	-17.66	-17.72	-17.77	-17.81	-17.87	-17.92	-17.98	-18.05	-18.12	-18.19	-18.26	-18.33	-18.39	-18.46	-18.51	-17.30	
184	-15.49	-15.47	-15.48	-15.50	-15.51	-15.54	-15.56	-15.59	-15.61	-15.63	-15.65	-15.67	-15.68	-15.70	-15.73	-15.77	-15.82	-15.88	-15.95	-16.00	-16.05	-16.10	-16.15	-16.21	-16.29	-16.36	-16.47	-16.58	-16.67	-16.77	-16.86	-16.95	-17.04	-17.14	-17.26	-17.38	-17.50	-17.62	-17.77	-17.90	-18.02	-18.14	-18.26	-18.38	-18.50	
186	-14.08	-14.09	-14.11	-14.12	-14.13	-14.15	-14.17	-14.20	-14.24	-14.28	-14.33	-14.38	-14.43	-14.48	-14.55	-14.60	-14.68	-14.77	-14.87	-14.98	-15.08	-15.18	-15.28	-15.39	-15.49	-15.59	-15.69	-15.79	-15.88	-15.99	-16.11	-16.24	-16.38	-16.53	-16.68	-16.80	-16.96	-17.06	-17.25	-17.47	-17.70	-17.95	-18.15	-18.37	-18.59	
188	-12.85	-12.86	-12.87	-12.89	-12.91	-12.95	-12.99	-13.03	-13.09	-13.17	-13.26	-13.33	-13.41	-13.50	-13.59	-13.68	-13.78	-13.89	-14.00	-14.12	-14.24	-14.36	-14.48	-14.60	-14.72	-14.84	-14.96	-15.08	-15.20	-15.32	-15.46	-15.61	-15.76	-15.92	-16.08	-16.24	-16.39	-16.50	-16.69	-16.87	-17.07	-17.30	-17.59	-17.90	-18.27	-18.69
190	-11.76	-11.77	-11.78	-11.80	-11.83	-11.86	-11.90	-11.95	-11.99	-12.03	-12.09	-12.13	-12.18	-12.23	-12.30	-12.39	-12.48	-12.59	-12.70	-12.82	-12.97	-13.10	-13.25	-13.39	-13.53	-13.67	-13.80	-13.94	-14.08	-14.23	-14.38	-14.56	-14.74	-14.94	-15.15	-15.40	-15.65	-15.92	-16.19	-16.46	-16.72	-16.98	-17.22	-17.59	-18.00	
192	-10.80	-10.80	-10.82	-10.84	-10.86	-10.90	-10.95	-11.00	-11.07	-11.15	-11.25	-11.34	-11.44	-11.54	-11.65	-11.76	-11.88	-12.00	-12.12	-12.24	-12.37	-12.50	-12.64	-12.78	-12.92	-13.06	-13.20	-13.34	-13.47	-13.60	-13.75	-13.90	-14.06	-14.24	-14.43	-14.61	-14.80	-15.07	-15.37	-15.68	-16.00	-16.36	-16.76	-17.19	-17.66	-18.16
194	-9.97	-9.97	-9.97	-9.99	-10.02	-10.05	-10.09	-10.14	-10.18	-10.23	-10.27	-10.31	-10.36	-10.42	-10.49	-10.58	-10.68	-10.79	-10.90	-11.01	-11.11	-11.21	-11.31	-11.41	-11.51	-11.61	-11.71	-11.81	-11.91	-12.01	-12.11	-12.21	-12.31	-12.42	-12.53	-12.64	-12.75	-12.87	-13.07	-13.30	-13.55	-13.85	-14.20	-14.59	-15.00	-15.46
196	-9.25	-9.24	-9.25	-9.26	-9.28	-9.31	-9.35	-9.40	-9.45	-9.50	-9.54	-9.59	-9.64	-9.70	-9.76	-9.82	-9.89	-10.00	-10.10	-10.20	-10.30	-10.40	-10.50	-10.60	-10.70	-10.80	-10.90	-11.00	-11.10	-11.20	-11.30	-11.40	-11.50	-11.60	-11.70	-11.80	-11.90	-12.00	-12.10	-12.20	-12.30	-12.40	-12.50	-12.60	-12.70	-12.80
198	-8.63	-8.62	-8.62	-8.63	-8.65	-8.68	-8.72	-8.76	-8.81	-8.85	-8.91	-8.97	-9.03	-9.09	-9.17	-9.27	-9.37	-9.49	-9.61	-9.72	-9.84	-9.95	-10.08	-10.22	-10.38	-10.57	-10.78	-11.00	-11.23	-11.46	-11.68	-11.91	-12.13	-12.38	-12.64	-12.94	-13.28	-13.69	-14.15	-14.68	-15.25	-15.87	-16.56	-17.38	-18.20	
200	-8.13	-8.11	-8.11	-8.12	-8.14	-8.18	-8.23	-8.28	-8.34	-8.41	-8.48	-8.56	-8.64	-8.73	-8.82	-8.91	-9.01	-9.12	-9.23	-9.35	-9.46	-9.57	-9.68	-9.79	-9.90	-10.02	-10.15	-10.28	-10.41	-10.54	-10.68	-10.82	-10.97	-11.12	-11.27	-11.42	-11.58	-11.74	-11.91	-12.08	-12.25	-12.43	-12.61	-12.79	-12.97	
202	-7.69	-7.68	-7.67	-7.67	-7.68	-7.71	-7.74	-7.78	-7.84	-7.90	-7.95	-8.01	-8.08	-8.16	-8.25	-8.35	-8.46	-8.58	-8.69	-8.81	-8.93	-9.04	-9.15	-9.26	-9.36	-9.47	-9.58	-9.69	-9.80	-9.91	-10.02	-10.13	-10.24	-10.36	-10.48	-10.61	-10.75	-10.89	-11.03	-11.17	-11.31	-11.45	-11.59	-11.73	-11.87	
204	-7.35	-7.34	-7.33	-7.32	-7.32	-7.34	-7.38	-7.43	-7.48	-7.54	-7.60	-7.67	-7.74	-7.81	-7.88	-7.95	-8.03	-8.12	-8.20	-8.30	-8.40	-8.50	-8.60	-8.70	-8.80	-8.90	-9.00	-9.10	-9.20	-9.30	-9.40	-9.50	-9.60	-9.70	-9.80	-9.90	-10.00	-10.10	-10.20	-10.30	-10.40	-10.50	-10.60	-10.70	-10.80	
206	-7.08	-7.08	-7.06	-7.05	-7.06	-7.08	-7.11	-7.15	-7.20	-7.26	-7.33	-7.41	-7.49	-7.58	-7.68	-7.79	-7.91	-8.03	-8.17	-8.30	-8.45	-8.60	-8.75	-8.91	-9.07	-9.23	-9.40	-9.58	-9.75	-9.93	-10.12	-10.30	-10.48	-10.67	-10.85	-11.03	-11.23	-11.43	-11.63	-11.84	-12.04	-12.24	-12.44	-12.64	-12.84	
208	-6.83	-6.82	-6.81	-6.82	-6.83	-6.85	-6.88	-6.93	-6.98	-7.03	-7.09	-7.15	-7.21	-7.28	-7.35	-7.42	-7.50	-7.58	-7.66	-7.74	-7.83	-7.92	-8.01	-8.10	-8.19	-8.28	-8.37	-8.46	-8.55	-8.64	-8.73	-8.82	-8.91	-9.00	-9.09	-9.18	-9.27	-9.36	-9.45	-9.54	-9.63	-9.72	-9.81	-9.90	-10.00	
210	-6.73	-6.72	-6.70	-6.70	-6.71	-6.74	-6.77	-6.82	-6.88	-6.94	-7.00	-7.11	-7.21	-7.32	-7.44	-7.56	-7.70	-7.84	-7.98	-8.14	-8.30	-8.46	-8.64	-8.86	-9.07	-9.30	-9.54	-9.79	-10.05	-10.32	-10.59	-10.87	-11.16	-11.47	-11.79	-12.14	-12.50	-12.88	-13.27	-13.68	-14.07	-14.48	-14.89	-15.30	-15.72	
212	-6.65	-6.64	-6.63	-6.63	-6.64	-6.66	-6.69	-6.74	-6.80	-6.86	-6.92	-7.00	-7.10	-7.21	-7.32	-7.44	-7.56	-7.68	-7.80	-7.93	-8.06	-8.20	-8.35	-8.50	-8.65	-8.80	-8.95	-9.10	-9.25	-9.40	-9.55	-9.70	-9.85	-10.00	-10.15	-10.30	-10.45	-10.60	-10.75	-10.90	-11.05	-11.20	-11.35	-11.50		
214	-6.57	-6.57	-6.56	-6.57	-6.59	-6.63	-6.67	-6.73	-6.79	-6.86	-6.92	-7.00	-7.10	-7.21	-7.32	-7.44	-7.56	-7.68	-7.80	-7.93	-8.06	-8.20	-8.35	-8.50	-8.65	-8.80	-8.95	-9.10	-9.25	-9.40	-9.55	-9.70	-9.85	-10.00	-10.15	-10.30	-10.45	-10.60	-10.75	-10.90	-11.05	-11.20	-11.35	-11.50		
216	-6.54	-6.54	-6.55	-6.56	-6.58	-6.61	-6.65	-6.71	-6.78	-6.86	-6.92	-7.00	-7.10	-7.21	-7.32	-7.44	-7.56	-7.68	-7.80	-7.93	-8.06	-8.20	-8.35	-8.50	-8.65	-8.80	-8.95	-9.10	-9.25	-9.40	-9.55	-9.70	-9.85	-10.00	-10.15	-10.30	-10.45	-10.60	-10.75	-10.90	-11.05	-11.20	-11.35	-11.50		
218	-6.55	-6.55	-6.56	-6.57	-6.59	-6.62	-6.66	-6.72	-6.79	-6.86	-6.92	-7.00	-7.10	-7.21	-7.32	-7.44	-7.56	-7.68	-7.80	-7.93	-8.06	-8.20	-8.35	-8.50	-8.65	-8.80	-8.95	-9.10	-9.25	-9.40	-9.55	-9.70	-9.85	-10.00	-10.15	-10.30	-10.45	-10.60	-10.75	-10.90	-11.05	-11.20	-11.35	-11.50		
220	-6.56	-6.57	-6.60	-6.63	-6.68	-6.74	-6.80	-6.88	-6.98	-7.09	-7.22	-7.35	-7.52	-7.69	-7.87	-8.07	-8.29	-8.51	-8.75	-9.00	-9.25	-9.52	-9.80	-10.00	-10.21	-10.49	-10.88	-11.40	-11.79	-12.16	-12.53	-12.91	-13.28	-13.66	-14.03	-14.41	-14.78	-15.14	-15.50	-15.86	-16.21	-16.55	-16.89	-17.21		
222	-6.57	-6.58	-6.61	-6.65	-6.70	-6.77	-6.84	-6.93	-7.03	-7.15	-7.29	-7.44	-7.61	-7.80	-8.00	-8.21	-8.44	-8.68	-8.94	-9.21	-9.50	-9.80	-10.11	-10.44	-10.78	-11.13	-11.48	-11.83	-12.18	-12.53	-12.87	-13.22	-13.57	-13.92	-14.27	-14.62	-14.96	-15.30	-15.65	-16.00	-16.35	-16.70	-17.05			
224	-6.58	-6.59	-6.62	-6.66	-6.71	-6.78	-6.86	-6.95	-7.05	-7.17	-7.32	-7.48	-7.65	-7.83	-8.02	-8.22	-8.44	-8.68	-8.94	-9.21	-9.50	-9.80	-10.12	-10.47	-10.82	-11.17	-11.52	-11.87	-12.22	-12.57	-12.91	-13.26	-13.61	-13.96	-14.31	-14.66	-15.01	-15.36	-15.71	-16.06	-16.41	-16.76	-17.11			
226	-6.55	-6.56	-6.58	-6.61	-6.67	-6.73	-6.81	-6.90	-7.01	-7.13	-7.27	-7.43	-7.61	-7.80	-8.00	-8.22	-8.46	-8.72	-9.00	-9.26	-9.54	-9.84	-10.17	-10.52	-10.87	-11.22	-11.56	-11.91	-12.26	-12.61	-12.96	-13.31	-13.66	-14.01	-14.36	-14.71	-15.06	-15.41	-15.76	-16.11	-16.46	-16.81	-17.21			
228	-6.49	-6.50	-6.52	-6.55	-6.60	-6.67	-6.74	-6.83	-6.93	-7.04	-7.16	-7.29	-7.43	-7.58	-7.74	-7.91	-8.09	-8.28	-8.48	-8.68	-8.88	-9.09	-9.30	-9.52	-9.75	-9.98	-10.21	-10.44	-10.67	-10.90	-11.13	-11.36	-11.59	-11.82	-12.05	-12.28	-12.51	-12.74	-12.97	-13.20	-13.43	-13.66	-13.89	-14.12		
230	-6.40	-6.40	-6.42	-6.45	-6.50	-6.57	-6.64	-6.74	-6.84	-6.94	-7.06	-7.19	-7.34	-7.51	-7.70	-7.90	-8.11	-8.33	-8.57	-8.82	-9.09	-9.37	-9.68	-10.01	-10.35	-10.69	-11.03	-11.36	-11.69	-12.02	-12.35	-12.68	-13.01	-13.34	-13.67	-14.00	-14.33	-14.66	-14.99	-15.32	-15.65	-15.98	-16.31			
232	-6.38	-6.38	-6.39	-6.40	-6.42	-6.45	-6.49	-6.54	-6.60	-6.66	-6.73	-6.81	-6.90	-6.99	-7.08	-7.18	-7.28	-7.38	-7.48	-7.58	-7.68	-7.78	-7.88	-7.98	-8.08	-8.18	-8.28	-8.38	-8.48	-8.58	-8.68	-8.78	-8.88	-8.98	-9.08	-9.18	-9.28	-9.38	-9.48	-9.58	-9.68	-9.78	-9.88			
234	-6.44	-6.44	-6.45	-6.46	-6.48	-6.50	-6.53	-6.57	-6.62	-6.67	-6.73	-6.79	-6.86	-6.93	-7.00	-7.07	-7.14	-7.21	-7.28	-7.35	-7.42	-7.49	-7.56	-7.63	-7.70	-7.77	-7.84	-7.91	-7.98	-8.05	-8.12	-8.19	-8.26	-8.33	-8.40	-8.47	-8.54	-8.61	-8.68	-8.75	-8.82	-8.89	-8.96			
236	-6.36	-6.36	-6.37	-6.38	-6.39	-6.41	-6.43	-6.46	-6.50	-6.55	-6.60	-6.66	-6.72	-6.78	-6.84	-6.90	-6.96	-7.02	-7.08	-7.14	-																									

2D Radiation Pattern- WiFi Ant4 @ 5.9GHz (1/4)

Theta(Deg)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90
0	1.85	2.02	2.17	2.28	2.37	2.44	2.49	2.53	2.55	2.56	2.57	2.58	2.58	2.58	2.59	2.59	2.59	2.59	2.59	2.58	2.57	2.55	2.52	2.50	2.47	2.45	2.43	2.41	2.40	2.39	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.37	2.35	2.34	2.32	2.30	2.29	2.28	
2	2.78	2.99	3.15	3.27	3.36	3.42	3.45	3.46	3.46	3.45	3.43	3.39	3.35	3.30	3.25	3.20	3.15	3.10	3.05	3.00	2.95	2.90	2.85	2.80	2.75	2.70	2.65	2.60	2.55	2.50	2.45	2.40	2.35	2.30	2.28	2.26	2.24	2.22	2.20	2.18	2.16	2.14	2.12	2.10	2.08	
4	3.43	3.66	3.83	3.96	4.06	4.09	4.09	4.11	4.11	4.08	4.02	3.91	3.83	3.76	3.68	3.59	3.50	3.40	3.30	3.20	3.10	3.00	2.90	2.80	2.70	2.60	2.50	2.40	2.30	2.20	2.15	2.10	2.05	2.00	1.95	1.90	1.85	1.80	1.75	1.70	1.65	1.60	1.55	1.50		
6	3.83	4.06	4.23	4.37	4.47	4.50	4.52	4.51	4.47	4.42	4.35	4.25	4.15	4.07	4.00	3.91	3.82	3.72	3.62	3.52	3.42	3.32	3.22	3.12	3.02	2.92	2.82	2.72	2.62	2.52	2.45	2.38	2.32	2.25	2.20	2.15	2.10	2.05	2.00	1.95	1.90	1.85	1.80	1.75		
8	3.99	4.22	4.40	4.54	4.63	4.68	4.70	4.69	4.65	4.61	4.55	4.44	4.41	4.33	4.24	4.15	4.07	3.98	3.90	3.82	3.74	3.66	3.58	3.50	3.40	3.30	3.20	3.10	3.00	2.90	2.82	2.75	2.68	2.62	2.55	2.50	2.45	2.40	2.35	2.30	2.25	2.20	2.15	2.10		
10	3.96	4.15	4.32	4.50	4.60	4.65	4.68	4.68	4.67	4.63	4.56	4.45	4.40	4.32	4.24	4.15	4.07	4.00	3.92	3.84	3.76	3.68	3.60	3.52	3.44	3.36	3.28	3.20	3.12	3.04	2.96	2.88	2.80	2.72	2.64	2.56	2.48	2.40	2.32	2.24	2.16	2.08	2.00	1.92	1.84	
12	3.78	3.99	4.17	4.40	4.60	4.66	4.68	4.65	4.62	4.61	4.55	4.47	4.45	4.42	4.35	4.26	4.18	4.10	4.02	3.94	3.86	3.78	3.70	3.62	3.54	3.46	3.38	3.30	3.22	3.14	3.06	2.98	2.90	2.82	2.74	2.66	2.58	2.50	2.42	2.34	2.26	2.18	2.10	2.02	1.94	
14	3.64	3.84	3.95	4.06	4.06	4.04	4.20	4.34	4.36	4.30	4.20	4.09	4.02	4.12	4.30	4.20	4.21	4.26	4.34	4.26	4.27	4.14	4.11	4.07	4.06	4.02	4.00	3.98	3.92	3.87	3.80	3.74	3.68	3.62	3.56	3.50	3.44	3.38	3.32	3.26	3.20	3.14	3.08	3.02	2.96	
16	3.05	3.24	3.39	3.52	3.63	3.72	3.79	3.86	3.91	3.96	4.01	4.06	4.11	4.16	4.20	4.23	4.26	4.28	4.29	4.29	4.28	4.27	4.25	4.23	4.21	4.18	4.16	4.14	4.12	4.10	4.08	4.06	4.05	4.03	4.01	3.98	3.94	3.90	3.85	3.81	3.76	3.72	3.68	3.64	3.59	
18	2.57	2.74	2.89	3.02	3.12	3.20	3.25	3.31	3.35	3.38	3.41	3.43	3.45	3.46	3.46	3.45	3.43	3.40	3.37	3.33	3.29	3.25	3.21	3.17	3.13	3.09	3.05	3.01	2.97	2.93	2.89	2.85	2.81	2.77	2.73	2.69	2.65	2.61	2.57	2.53	2.50	2.46	2.42	2.38		
20	2.07	2.22	2.36	2.48	2.58	2.65	2.70	2.74	2.76	2.76	2.74	2.70	2.65	2.59	2.53	2.46	2.40	2.33	2.26	2.19	2.12	2.05	1.98	1.91	1.84	1.77	1.70	1.63	1.56	1.49	1.42	1.35	1.28	1.21	1.14	1.07	1.00	0.93	0.86	0.79	0.72	0.65	0.58	0.51		
22	1.67	1.79	1.90	1.96	1.99	1.99	1.96	1.91	1.85	1.79	1.72	1.65	1.57	1.50	1.43	1.36	1.29	1.22	1.15	1.08	1.01	0.94	0.87	0.80	0.73	0.66	0.59	0.52	0.45	0.38	0.31	0.24	0.17	0.10	0.03	-0.04	-0.11	-0.18	-0.25	-0.32	-0.39	-0.46				
24	1.08	1.21	1.34	1.47	1.60	1.73	1.87	2.02	2.17	2.34	2.51	2.69	2.88	3.08	3.26	3.44	3.60	3.75	3.88	3.99	4.09	4.16	4.22	4.27	4.30	4.31	4.31	4.30	4.28	4.24	4.20	4.16	4.11	4.07	4.03	4.00	3.97	3.93	3.89	3.85	3.81	3.76	3.72	3.68		
26	0.61	0.80	0.94	1.06	1.17	1.26	1.34	1.39	1.43	1.46	1.48	1.48	1.46	1.43	1.39	1.35	1.30	1.25	1.20	1.15	1.10	1.05	1.00	0.95	0.90	0.85	0.80	0.75	0.70	0.65	0.60	0.55	0.50	0.45	0.40	0.35	0.30	0.25	0.20	0.15	0.10	0.05	0.00			
28	0.35	0.48	0.61	0.74	0.86	1.00	1.19	1.35	1.52	1.70	1.89	2.09	2.30	2.51	2.71	2.91	3.09	3.26	3.41	3.53	3.63	3.70	3.78	3.84	3.90	3.95	4.00	4.05	4.10	4.09	4.06	4.03	3.98	3.94	3.90	3.87	3.84	3.81	3.74	3.65	3.41	3.21	3.00	2.81	2.70	
30	0.16	0.30	0.44	0.56	0.70	0.87	1.09	1.36	1.61	1.88	2.18	2.49	2.80	3.07	3.36	3.60	3.80	3.96	4.08	4.16	4.21	4.25	4.28	4.30	4.31	4.31	4.30	4.28	4.24	4.20	4.16	4.11	4.07	4.03	4.00	3.97	3.93	3.89	3.85	3.81	3.74	3.58	3.40	3.21	3.12	
32	0.12	0.28	0.44	0.59	0.75	0.98	1.22	1.56	1.81	2.16	2.51	2.87	3.21	3.57	3.95	4.28	4.56	4.78	4.94	5.04	5.09	5.10	5.09	5.07	5.05	5.03	5.01	4.99	4.96	4.93	4.89	4.85	4.81	4.77	4.73	4.69	4.65	4.62	4.56	4.44	4.27	4.08	3.87	3.68	3.49	
34	0.07	0.18	0.34	0.50	0.67	0.90	1.14	1.36	1.61	1.91	2.26	2.61	2.96	3.31	3.67	4.00	4.28	4.51	4.68	4.78	4.82	4.82	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.71	4.70	4.69	4.68	4.67	4.66	4.65	4.64	4.63	4.62	4.61	4.60		
36	0.07	0.18	0.34	0.50	0.67	0.90	1.14	1.36	1.61	1.91	2.26	2.61	2.96	3.31	3.67	4.00	4.28	4.51	4.68	4.78	4.82	4.82	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.71	4.70	4.69	4.68	4.67	4.66	4.65	4.64	4.63	4.62	4.61	4.60		
38	0.07	0.18	0.34	0.50	0.67	0.90	1.14	1.36	1.61	1.91	2.26	2.61	2.96	3.31	3.67	4.00	4.28	4.51	4.68	4.78	4.82	4.82	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.71	4.70	4.69	4.68	4.67	4.66	4.65	4.64	4.63	4.62	4.61	4.60		
40	0.07	0.18	0.34	0.50	0.67	0.90	1.14	1.36	1.61	1.91	2.26	2.61	2.96	3.31	3.67	4.00	4.28	4.51	4.68	4.78	4.82	4.82	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.71	4.70	4.69	4.68	4.67	4.66	4.65	4.64	4.63	4.62	4.61	4.60		
42	0.07	0.18	0.34	0.50	0.67	0.90	1.14	1.36	1.61	1.91	2.26	2.61	2.96	3.31	3.67	4.00	4.28	4.51	4.68	4.78	4.82	4.82	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.71	4.70	4.69	4.68	4.67	4.66	4.65	4.64	4.63	4.62	4.61	4.60		
44	0.07	0.18	0.34	0.50	0.67	0.90	1.14	1.36	1.61	1.91	2.26	2.61	2.96	3.31	3.67	4.00	4.28	4.51	4.68	4.78	4.82	4.82	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.71	4.70	4.69	4.68	4.67	4.66	4.65	4.64	4.63	4.62	4.61	4.60		
46	0.07	0.18	0.34	0.50	0.67	0.90	1.14	1.36	1.61	1.91	2.26	2.61	2.96	3.31	3.67	4.00	4.28	4.51	4.68	4.78	4.82	4.82	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.71	4.70	4.69	4.68	4.67	4.66	4.65	4.64	4.63	4.62	4.61	4.60		
48	0.07	0.18	0.34	0.50	0.67	0.90	1.14	1.36	1.61	1.91	2.26	2.61	2.96	3.31	3.67	4.00	4.28	4.51	4.68	4.78	4.82	4.82	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.71	4.70	4.69	4.68	4.67	4.66	4.65	4.64	4.63	4.62	4.61	4.60		
50	0.07	0.18	0.34	0.50	0.67	0.90	1.14	1.36	1.61	1.91	2.26	2.61	2.96	3.31	3.67	4.00	4.28	4.51	4.68	4.78	4.82	4.82	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.71	4.70	4.69	4.68	4.67	4.66	4.65	4.64	4.63	4.62	4.61	4.60		
52	0.07	0.18	0.34	0.50	0.67	0.90	1.14	1.36	1.61	1.91	2.26	2.61	2.96	3.31	3.67	4.00	4.28	4.51	4.68	4.78	4.82	4.82	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.71	4.70	4.69	4.68	4.67	4.66	4.65	4.64	4.63	4.62	4.61	4.60		
54	0.07	0.18	0.34	0.50	0.67	0.90	1.14	1.36	1.61	1.91	2.26	2.61	2.96	3.31	3.67	4.00	4.28	4.51	4.68	4.78	4.82	4.82	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.71	4.70	4.69	4.68	4.67	4.66	4.65	4.64	4.63	4.62	4.61	4.60		
56	0.07	0.18	0.34	0.50	0.67	0.90	1.14	1.36	1.61	1.91	2.26	2.61	2.96	3.31	3.67	4.00	4.28	4.51	4.68	4.78	4.82	4.82	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.71	4.70	4.69	4.68	4.67	4.66	4.65	4.64	4.63	4.62	4.61	4.60		
58	0.07	0.18	0.34	0.50	0.67	0.90	1.14	1.36	1.61	1.91	2.26	2.61	2.																																	

2D Radiation Pattern- WiFi Ant4 @ 5.9GHz (2/4)

[illegible]

2D Radiation Pattern- WiFi Ant4 @ 5.9GHz (3/4)

Theta(dB)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
182	-15.44	-15.52	-15.64	-15.79	-15.98	-16.17	-16.37	-16.58	-16.77	-16.96	-17.13	-17.27	-17.40	-17.52	-17.62	-17.71	-17.79	-17.86	-17.90	-17.92	-17.95	-17.97	-17.99	-18.01	-18.03	-18.05	-18.07	-18.09	-18.11	-18.13	-18.15	-18.17	-18.19	-18.21	-18.23	-18.25	-18.27	-18.29	-18.31	-18.33	-18.35	-18.37	-18.39	-18.41	-18.43	-18.45	-18.47																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
184	-12.04	-12.18	-12.39	-12.61	-12.95	-13.37	-13.89	-14.50	-15.21	-15.92	-16.70	-17.52	-18.36	-19.20	-20.02	-20.78	-21.46	-22.04	-22.58	-23.06	-23.48	-23.84	-24.14	-24.38	-24.56	-24.68	-24.74	-24.76	-24.74	-24.68	-24.58	-24.44	-24.26	-24.04	-23.78	-23.48	-23.14	-22.76	-22.34	-21.86	-21.34	-20.78	-20.18	-19.54	-18.86	-18.14	-17.38																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
186	-11.43	-11.61	-11.87	-12.19	-12.54	-12.92	-13.30	-13.67	-14.03	-14.36	-14.64	-14.88	-15.08	-15.24	-15.36	-15.45	-15.50	-15.52	-15.52	-15.50	-15.46	-15.39	-15.29	-15.16	-15.00	-14.80	-14.56	-14.28	-13.96	-13.51	-12.94	-12.26	-11.46	-10.54	-9.52	-8.39	-7.14	-5.78	-4.30	-2.69	-1.06	0.58	2.15	3.66	5.00	6.16	7.14																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
188	-10.56	-10.77	-10.95	-10.97	-11.11	-11.05	-10.97	-10.77	-10.45	-10.00	-9.43	-8.77	-8.02	-7.19	-6.29	-5.34	-4.36	-3.34	-2.29	-1.22	-0.14	0.86	1.86	2.84	3.79	4.61	5.29	5.74	6.00	6.06	5.94	5.66	5.24	4.69	4.04	3.29	2.46	1.58	0.66	-0.28	-1.26	-2.19	-3.06	-3.84	-4.54	-5.09	-5.50																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
190	-10.30	-10.52	-10.77	-11.01	-11.21	-11.37	-11.40	-11.30	-11.08	-10.74	-10.28	-9.71	-9.05	-8.29	-7.44	-6.50	-5.48	-4.39	-3.24	-2.04	-0.79	0.51	1.71	2.84	3.89	4.84	5.61	6.19	6.54	6.66	6.56	6.24	5.71	5.06	4.29	3.42	2.46	1.44	0.38	-0.71	-1.64	-2.46	-3.19	-3.79	-4.29	-4.64	-4.84																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
192	-10.03	-10.24	-11.14	-11.36	-11.78	-12.09	-12.32	-12.47	-12.57	-12.62	-12.62	-12.57	-12.47	-12.32	-12.12	-11.80	-11.36	-10.80	-10.12	-9.34	-8.48	-7.54	-6.54	-5.49	-4.39	-3.24	-2.04	-0.79	0.51	1.71	2.84	3.89	4.84	5.61	6.19	6.54	6.66	6.56	6.24	5.71	5.06	4.29	3.42	2.46	1.44	0.38	-0.71	-1.64	-2.46	-3.19	-3.79	-4.29	-4.64																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
194	-11.64	-11.84	-12.10	-12.31	-12.58	-12.90	-13.27	-13.70	-14.19	-14.72	-15.28	-15.88	-16.48	-17.08	-17.68	-18.24	-18.74	-19.18	-19.54	-19.82	-20.00	-20.08	-20.06	-19.94	-19.72	-19.40	-18.89	-18.29	-17.61	-16.79	-15.69	-14.36	-12.84	-11.16	-9.34	-7.40	-5.34	-3.14	-0.84	1.54	3.74	5.74	7.44	8.74	9.64	10.04	10.04	9.64	8.74	7.44	5.74	3.74	1.54	-0.84	-3.14	-5.34	-7.44	-9.64	-11.64	-13.24	-14.44	-15.14	-15.34	-15.04	-14.24	-12.94	-11.14	-8.74	-6.44	-4.24	-2.14	-0.14	1.84	3.84	5.64	7.14	8.24	8.84	8.94	8.54	7.54	6.04	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14	-5.64	-4.14	-2.04	-0.04	2.04	4.14	6.04	7.54	8.84	9.64	10.04	10.04	9.64	8.54	7.14	5.64	4.14	2.04	0.04	-2.04	-4.14	-6.04	-7.54	-8.84	-9.64	-10.04	-10.04	-9.64	-8.54	-7.14

2D Radiation Pattern- WiFi Ant4 @ 5.9GHz (44)

Theta(Pol)	01	04	06	09	100	102	106	108	109	110	112	114	116	118	119	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
182	-18.28	-18.48	-18.68	-18.87	-19.05	-19.25	-19.41	-19.55	-19.63	-19.65	-19.59	-19.46	-19.29	-19.07	-18.83	-18.57	-18.33	-18.11	-17.95	-17.86	-17.85	17.91	18.00	18.09	18.15	-18.17	-18.13	-18.07	-18.05	-17.95	-17.86	-17.80	-17.73	17.61	17.50	-17.31	-17.08	-16.85	-16.60	-16.38	-16.20	-16.07	-16.02	-15.95	-15.84																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
184	-17.87	-18.02	-18.17	-18.32	-18.45	-18.55	-18.64	-18.70	-18.72	-18.69	-18.52	-18.30	-18.04	-17.75	-17.42	-17.06	-16.73	-16.35	-15.98	-15.62	-15.26	15.00	15.12	15.24	15.35	15.43	15.48	-15.47	-15.42	-15.35	-15.26	-15.18	-15.08	-14.98	-14.88	-14.78	-14.68	-14.58	-14.48	-14.38	-14.28	-14.18	-14.08	-13.98	-13.88	-13.78	-13.68																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
186	-16.98	-17.18	-17.37	-17.54	-17.68	-17.78	-17.83	-17.84	-17.80	-17.69	-17.49	-17.20	-16.86	-16.45	-16.02	-15.57	-15.12	-14.68	-14.25	-13.82	-13.40	13.00	13.12	13.24	13.35	13.43	13.48	-13.47	-13.42	-13.35	-13.26	-13.18	-13.08	-12.98	-12.88	-12.78	-12.68	-12.58	-12.48	-12.38	-12.28	-12.18	-12.08	-11.98	-11.88	-11.78	-11.68	-11.58																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
188	-16.10	-16.30	-16.47	-16.62	-16.75	-16.85	-16.90	-16.94	-16.95	-16.92	-16.79	-16.57	-16.27	-15.91	-15.53	-15.13	-14.73	-14.33	-13.93	-13.53	-13.13	12.73	12.85	12.97	13.08	13.16	13.21	-13.20	-13.15	-13.08	-12.99	-12.90	-12.80	-12.70	-12.60	-12.50	-12.40	-12.30	-12.20	-12.10	-12.00	-11.90	-11.80	-11.70	-11.60	-11.50	-11.40	-11.30	-11.20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
190	-15.16	-15.37	-15.52	-15.66	-15.78	-15.88	-15.94	-15.98	-15.99	-15.96	-15.79	-15.53	-15.20	-14.82	-14.42	-14.01	-13.60	-13.19	-12.78	-12.37	-11.96	11.55	11.67	11.79	11.89	11.97	12.03	-12.02	-11.97	-11.90	-11.81	-11.72	-11.62	-11.52	-11.42	-11.32	-11.22	-11.12	-11.02	-10.92	-10.82	-10.72	-10.62	-10.52	-10.42	-10.32	-10.22	-10.12	-10.02																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
192	-14.20	-14.39	-14.53	-14.66	-14.76	-14.84	-14.91	-14.95	-14.96	-14.93	-14.74	-14.46	-14.11	-13.71	-13.30	-12.89	-12.48	-12.07	-11.66	-11.25	-10.84	10.43	10.55	10.67	10.77	10.85	10.91	-10.90	-10.85	-10.78	-10.69	-10.60	-10.50	-10.40	-10.30	-10.20	-10.10	-10.00	-9.90	-9.80	-9.70	-9.60	-9.50	-9.40	-9.30	-9.20	-9.10	-9.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
194	-13.22	-13.39	-13.48	-13.56	-13.63	-13.68	-13.71	-13.73	-13.74	-13.73	-13.59	-13.35	-13.04	-12.68	-12.27	-11.85	-11.43	-11.01	-10.59	-10.17	-9.75	9.34	9.46	9.57	9.66	9.73	9.78	-9.78	-9.73	-9.66	-9.57	-9.48	-9.38	-9.28	-9.18	-9.08	-8.98	-8.88	-8.78	-8.68	-8.58	-8.48	-8.38	-8.28	-8.18	-8.08	-7.98	-7.88	-7.78	-7.68																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
196	-12.27	-12.39	-12.44	-12.47	-12.48	-12.48	-12.47	-12.45	-12.43	-12.41	-12.34	-12.15	-11.81	-11.35	-10.88	-10.41	-9.94	-9.47	-9.00	-8.53	-8.06	7.65	7.77	7.87	7.95	8.01	8.05	-8.05	-8.00	-7.93	-7.84	-7.74	-7.64	-7.54	-7.44	-7.34	-7.24	-7.14	-7.04	-6.94	-6.84	-6.74	-6.64	-6.54	-6.44	-6.34	-6.24	-6.14	-6.04																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
198	-11.37	-11.38	-11.33	-11.27	-11.23	-11.20	-11.17	-11.14	-11.12	-11.10	-11.04	-10.84	-10.50	-10.05	-9.59	-9.13	-8.67	-8.21	-7.75	-7.29	-6.83	6.42	6.54	6.64	6.72	6.78	6.82	-6.82	-6.77	-6.70	-6.61	-6.51	-6.41	-6.31	-6.21	-6.11	-6.01	-5.91	-5.81	-5.71	-5.61	-5.51	-5.41	-5.31	-5.21	-5.11	-5.01	-4.91	-4.81	-4.71	-4.61																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
200	-9.87	-10.14	-10.46	-10.82	-11.23	-11.68	-12.18	-12.74	-13.34	-13.94	-14.54	-15.09	-15.58	-16.03	-16.45	-16.85	-17.23	-17.60	-17.97	-18.34	-18.70	18.34	18.09	17.84	17.59	17.34	17.09	-17.09	-17.14	-17.21	-17.28	-17.35	-17.42	-17.49	-17.56	-17.63	-17.70	-17.77	-17.84	-17.91	-17.98	-18.05	-18.12	-18.19	-18.26	-18.33	-18.40	-18.47	-18.54	-18.61																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
202	-8.81	-9.13	-9.76	-10.61	-11.62	-12.81	-14.16	-15.61	-17.14	-18.71	-20.31	-21.91	-23.51	-25.11	-26.71	-28.31	-29.91	-31.51	-33.11	-34.71	-36.31	36.31	35.84	35.37	34.90	34.43	33.96	-33.96	-34.01	-34.08	-34.15	-34.22	-34.29	-34.36	-34.43	-34.50	-34.57	-34.64	-34.71	-34.78	-34.85	-34.92	-34.99	-35.06	-35.13	-35.20	-35.27	-35.34	-35.41	-35.48	-35.55																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
204	-8.08	-8.51	-9.29	-10.31	-11.54	-12.91	-14.34	-15.84	-17.41	-19.04	-20.71	-22.41	-24.11	-25.81	-27.51	-29.21	-30.91	-32.61	-34.31	-36.01	-37.71	37.71	37.14	36.57	36.00	35.43	34.86	-34.86	-34.91	-34.98	-35.05	-35.12	-35.19	-35.26	-35.33	-35.40	-35.47	-35.54	-35.61	-35.68	-35.75	-35.82	-35.89	-35.96	-36.03	-36.10	-36.17	-36.24	-36.31	-36.38	-36.45	-36.52																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
206	-7.48	-8.01	-8.89	-9.97	-11.24	-12.64	-14.14	-15.74	-17.41	-19.14	-20.91	-22.71	-24.51	-26.31	-28.11	-29.91	-31.71	-33.51	-35.31	-37.11	-38.91	38.91	38.14	37.27	36.40	35.53	34.66	-34.66	-34.71	-34.78	-34.85	-34.92	-34.99	-35.06	-35.13	-35.20	-35.27	-35.34	-35.41	-35.48	-35.55	-35.62	-35.69	-35.76	-35.83	-35.90	-35.97	-36.04	-36.11	-36.18	-36.25	-36.32	-36.39	-36.46	-36.53																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
208	-7.01	-7.61	-8.57	-9.71	-11.04	-12.54	-14.14	-15.84	-17.61	-19.41	-21.21	-23.01	-24.81	-26.61	-28.41	-30.21	-32.01	-33.81	-35.61	-37.41	-39.21	39.21	38.34	37.47	36.60	35.73	34.86	-34.86	-34.91	-34.98	-35.05	-35.12	-35.19	-35.26	-35.33	-35.40	-35.47	-35.54	-35.61	-35.68	-35.75	-35.82	-35.89	-35.96	-36.03	-36.10	-36.17	-36.24	-36.31	-36.38	-36.45	-36.52	-36.59	-36.66	-36.73	-36.80	-36.87	-36.94	-37.01	-37.08	-37.15	-37.22	-37.29	-37.36	-37.43	-37.50	-37.57	-37.64	-37.71	-37.78	-37.85	-37.92	-37.99	-38.06	-38.13	-38.20	-38.27	-38.34	-38.41	-38.48	-38.55	-38.62	-38.69	-38.76	-38.83	-38.90	-38.97	-39.04	-39.11	-39.18	-39.25	-39.32	-39.39	-39.46	-39.53	-39.60	-39.67	-39.74	-39.81	-39.88	-39.95	-40.02	-40.09	-40.16	-40.23	-40.30	-40.37	-40.44	-40.51	-40.58	-40.65	-40.72	-40.79	-40.86	-40.93	-41.00	-41.07	-41.14	-41.21	-41.28	-41.35	-41.42	-41.49	-41.56	-41.63	-41.70	-41.77	-41.84	-41.91	-41.98	-42.05	-42.12	-42.19	-42.26	-42.33	-42.40	-42.47	-42.54	-42.61	-42.68	-42.75	-42.82	-42.89	-42.96	-43.03	-43.10	-43.17	-43.24	-43.31	-43.38	-43.45	-43.52	-43.59	-43.66	-43.73	-43.80	-43.87	-43.94	-44.01	-44.08	-44.15	-44.22	-44.29	-44.36	-44.43	-44.50	-44.57	-44.64	-44.71	-44.78	-44.85	-44.92	-44.99	-45.06	-45.13	-45.20	-45.27	-45.34	-45.41	-45.48	-45.55	-45.62	-45.69	-45.76	-45.83	-45.90	-45.97	-46.04	-46.11	-46.18	-46.25	-46.32	-46.39	-46.46	-46.53	-46.60	-46.67	-46.74	-46.81	-46.88	-46.95	-47.02	-47.09	-47.16	-47.23	-47.30	-47.37	-47.44	-47.51	-47.58	-47.65	-47.72	-47.79	-47.86	-47.93	-48.00	-48.07	-48.14	-48.21	-48.28	-48.35	-48.42	-48.49	-48.56	-48.63	-48.70	-48.77	-48.84	-48.91	-48.98	-49.05	-49.12	-49.19	-49.26	-49.33	-49.40	-49.47	-49.54	-49.61	-49.68	-49.75	-49.82	-49.89	-49.96	-50.03	-50.10	-50.17	-50.24	-50.31	-50.38	-50.45	-50.52	-50.59	-50.66	-50.73	-50.80	-50.87	-50.94	-51.01	-51.08	-51.15	-51.22	-51.29	-51.36	-51.43	-51.50	-51.57	-51.64	-51.71	-51.78	-51.85	-51.92	-51.99	-52.06	-52.13	-52.20	-52.27	-52.34	-52.41	-52.48	-52.55	-52.62	-52.69	-52.76	-52.83	-52.90	-52.97	-53.04	-53.11	-53.18	-53.25	-53.32	-53.39	-53.46	-53.53	-53.60	-53.67	-53.74	-53.81	-53.88	-53.95	-54.02	-54.09	-54.16	-54.23	-54.30	-54.37	-54.44	-54.51	-54.58	-54.65	-54.72	-54.79	-54.86	-54.93	-55.00	-55.07	-55.14	-55.21	-55.28	-55.35	-55.42	-55.49	-55.56	-55.63	-55.70	-55.77	-55.84	-55.91	-55.98	-56.05	-56.12	-56.19	-56.26	-56.33	-56.40	-56.47	-56.54	-56.61	-56.68	-56.75	-56.82	-56.89	-56.96	-57.03	-57.10	-57.17	-57.24	-57.31	-57.38	-57.45	-57.52	-57.59	-57.66	-57.73	-57.80	-57.87	-57.94	-58.01	-58.08	-58.15	-58.22	-58.29	-58.36	-58.43	-58.50	-58.57	-58.64	-58.71	-58.78	-58.85	-58.92	-58.99	-59.06	-59.13	-59.20	-59.27	-59.34	-59.41	-59.48	-59.55	-59.62	-59.69	-59.76	-59.83	-59.90	-59.97	-60.04	-60.11	-60.18	-60.25	-60.32	-60.39	-60.46	-60.53	-60.60	-60.67	-60.74	-60.81	-60.88	-60.95	-61.02	-61.09	-61.16	-61.23	-61.30	-61.37	-61.44	-61.51	-61.58	-61.65	-61.72	-61.79	-61.86	-61.93	-62.00	-62.07	-62.14	-62.21	-62.28	-62.35	-62.42	-62.49	-62.56	-62.63	-62.70	-62.77	-62.84	-62.91	-62.98	-63.05	-63.12	-63.19	-63.26	-63.33	-63.40	-63.47	-63.54	-63.61	-63.68	-63.75	-63.82	-63.89	-63.96	-64.03	-64.10	-64.17	-64.24	-64.31	-64.38	-64.45	-64.52	-64.59	-64.66	-64.73	-64.80	-64.87	-64.94	-65.01	-65.08	-65.15	-65.22	-65.29	-65.36	-65.43	-65.50	-65.57	-65.64	-65.71	-65.78	-65.85	-65.92	-65.99	-66.06	-66.13	-66.20	-66.27	-66.34	-66.41	-66.48	-66.55	-66.62	-66.69	-66.76	-66.83	-66.90	-66.97	-67.04	-67.11	-67.18	-67.25	-67.32	-67.39	-67.46	-67.53	-67.60	-67.67	-67.74	-67.81	-67.88	-67.95	-68.02	-68.09	-68.16	-68.23	-68.30	-68.37	-68.44	-68.51	-68.58	-68.65	-68.72	-68.79	-68.86	-68.93	-69.00	-69.07	-69.14	-69.21	-69.28	-69.35	-69.42	-69.49	-69.56	-69.63	-69.70	-69.77	-69.84	-69.91	-69.98	-70.05	-70.12	-70.19	-70.26	-70.33	-70.40	-70.47	-70.54	-70.61	-70.68	-70.75	-70.82	-70.89	-70.96	-71.0

2D Radiation Pattern- WiFi Ant4 @ 6.5GHz (1/4)

	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	
0	499	550	525	500	475	450	425	400	375	350	325	300	275	250	225	200	175	150	125	100	75	50	25	0	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550
1	498	549	524	499	474	449	424	399	374	349	324	299	274	249	224	199	174	149	124	99	74	49	24	0	24	49	74	99	124	149	174	199	224	249	274	299	324	349	374	399	424	449	474	499	524	549
2	497	548	523	498	473	448	423	398	373	348	323	298	273	248	223	198	173	148	123	98	73	48	23	0	23	48	73	98	123	148	173	198	223	248	273	298	323	348	373	398	423	448	473	498	523	548
3	496	547	522	497	472	447	422	397	372	347	322	297	272	247	222	197	172	147	122	97	72	47	22	0	22	47	72	97	122	147	172	197	222	247	272	297	322	347	372	397	422	447	472	497	522	547
4	495	546	521	496	471	446	421	396	371	346	321	296	271	246	221	196	171	146	121	96	71	46	21	0	21	46	71	96	121	146	171	196	221	246	271	296	321	346	371	396	421	446	471	495	521	546
5	494	545	520	495	470	445	420	395	370	345	320	295	270	245	220	195	170	145	120	95	70	45	20	0	20	45	70	95	120	145	170	195	220	245	270	295	320	345	370	395	420	445	470	494	520	545
6	493	544	519	494	469	444	419	394	369	344	319	294	269	244	219	194	169	144	119	94	69	44	19	0	19	44	69	94	119	144	169	194	219	244	269	294	319	344	369	393	419	444	469	493	519	544
7	492	543	518	493	468	443	418	393	368	343	318	293	268	243	218	193	168	143	118	93	68	43	18	0	18	43	68	93	118	143	168	193	218	243	268	293	318	343	368	393	418	443	468	492	518	543
8	491	542	517	492	467	442	417	392	367	342	317	292	267	242	217	192	167	142	117	92	67	42	17	0	17	42	67	92	117	142	167	192	217	242	267	292	317	342	367	392	417	442	467	491	517	542
9	490	541	516	491	466	441	416	391	366	341	316	291	266	241	216	191	166	141	116	91	66	41	16	0	16	41	66	91	116	141	166	191	216	241	266	291	316	341	366	391	416	441	466	490	516	541
10	489	540	515	490	465	440	415	390	365	340	315	290	265	240	215	190	165	140	115	90	65	40	15	0	15	40	65	90	115	140	165	190	215	240	265	290	315	340	365	390	415	440	465	489	515	540
11	488	539	514	489	464	439	414	389	364	339	314	289	264	239	214	189	164	139	114	89	64	39	14	0	14	39	64	89	114	139	164	189	214	239	264	289	314	339	364	389	414	439	464	488	514	539
12	487	538	513	488	463	438	413	388	363	338	313	288	263	238	213	188	163	138	113	88	63	38	13	0	13	38	63	88	113	138	163	188	213	238	263	288	313	338	363	388	413	438	463	487	513	538
13	486	537	512	487	462	437	412	387	362	337	312	287	262	237	212	187	162	137	112	87	62	37	12	0	12	37	62	87	112	137	162	187	212	237	262	287	312	337	362	387	412	437	462	486	512	537
14	485	536	511	486	461	436	411	386	361	336	311	286	261	236	211	186	161	136	111	86	61	36	11	0	11	36	61	86	111	136	161	186	211	236	261	286	311	336	361	386	411	436	461	485	511	536
15	484	535	510	485	460	435	410	385	360	335	310	285	260	235	210	185	160	135	110	85	60	35	10	0	10	35	60	85	110	135	160	185	210	235	260	285	310	335	360	385	410	435	460	484	510	535
16	483	534	509	484	459	434	409	384	359	334	309	284	259	234	209	184	159	134	109	84	59	34	9	0	9	34	59	84	109	134	159	184	209	234	259	284	309	334	359	384	409	434	459	483	509	534
17	482	533	508	483	458	433	408	383	358	333	308	283	258	233	208	183	158	133	108	83	58	33	8	0	8	33	58	83	108	133	158	183	208	233	258	283	308	333	358	383	408	433	458	482	508	533
18	481	532	507	482	457	432	407	382	357	332	307	282	257	232	207	182	157	132	107	82	57	32	7	0	7	32	57	82	107	132	157	182	207	232	257	282	307	332	357	382	407	432	457	481	507	532
19	480	531	506	481	456	431	406	381	356	331	306	281	256	231	206	181	156	131	106	81	56	31	6	0	6	31	56	81	106	131	156	181	206	231	256	281	306	331	356	381	406	431	456	480	506	531
20	479	530	505	480	455	430	405	380	355	330	305	280	255	230	205	180	155	130	105	80	55	30	5	0	5	30	55	80	105	130	155	180	205	230	255	280	305	330	355	380	405	430	455	479	505	530
21	478	529	504	479	454	429	404	379	354	329	304	279	254	229	204	179	154	129	104	79	54	29	4	0	4	29	54	79	104	129	154	179	204	229	254	279	304	329	354	379	404	429	454	478	504	529
22	477	528	503	478	453	428	403	378	353	328	303	278	253	228	203	178	153	128	103	78	53	28	3	0	3	28	53	78	103	128	153	178	203	228	253	278	303	328	353	378	403	428	453	477	503	528
23	476	527	502	477	452	427	402	377	352	327	302	277	252	227	202	177	152	127	102	77	52	27	2	0	2	27	52	77	102	127	152	177	202	227	252	277	302	327	352	377	402	427	452	476	502	527
24	475	526	501	476	451	426	401	376	351	326	301	276	251	226	201	176	151	126	101	76	51	26	1	0	1	26	51	76	101	126	151	176	201	226	251	276	301	326	351	376	401	426	451	475	501	526
25	474	525	500	475	450	425	400	375	350	325	300	275	250	225	200	175	150	125	100	75	50	25	0	0	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	474	500	525	
26	473	524	499	474	449	424	399	374	349	324	299	274	249	224	199	174	149	124	99	74	49	24	0	0	24	49	74	99	124	149	174	199	224	249	274	299	324	349	374	399	424	449	473	499	524	
27	472	523	498	473	448	423	398	373	348	323	298	273	248	223	198	173	148	123	98	73	48	23	0	0	23	48	73	98	123	148	173	198	223	248	273	298	323	348	373	398	423	448	472	498	523	
28	471	522	497	472	447	422	397	372	347	322	297	272	247	222	197	172	147	122	97	72	47	22	0	0	22	47	72	97	122	147	172	197	222	247	272	297	322	347	372	397	422	447	471	497	522	
29	470	521	496	471	446	421	396	371	346	321	296	271	246	221	196	171	146	121	96	71	46	21	0	0	21	46	71	96	121	146	171	196	221	246	271	296	321	346	371	396	421	446	470	496	521	
30	469	520	495	470	445	420	395	370	345	320	295	270	245	220	195	170	145	120	95	70	45	20	0	0	20	45	70	95	120	145	170	195	220	245	270	295	320	345	370	395	420	445	469	495	520	
31	468	519	494	469	444	419	394	369	344	319	294	269	244	219	194	169	144	119	94	69	44	19	0	0	19	44	69	94	119	144	169	194	219	244	269	294	319	344	369	394	419	444	468	494	519	
32	467	518	493	468	443	418	393	368	343	318	293	268	243	218	193	168	143	118	93	68	43	18	0	0	18	43	68	93	118	143	168	193	218	243	268	293	318	343	368	393	418	443	467	493		

2D Radiation Pattern- WiFi Ant4 @ 6.5GHz (2/4)

Theta/Phi	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180		
0	5.58	5.02	5.02	5.02	5.02	5.03	5.04	5.06	5.07	5.08	5.09	5.10	5.10	5.10	5.10	5.10	5.09	5.09	5.08	5.07	5.06	5.04	5.01	5.02	5.01	5.01	5.01	5.01	5.01	5.02	5.03	5.04	5.04	5.04	5.05	5.05	5.06	5.07	5.08	5.09	5.09	5.09	5.08	5.06	5.04	5.02	4.99
2	5.58	4.91	4.94	4.94	4.94	4.95	4.97	4.99	5.01	5.02	5.02	5.03	5.03	4.99	4.97	4.94	4.92	4.89	4.86	4.84	4.82	4.79	4.77	4.75	4.73	4.72	4.70	4.68	4.66	4.63	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.61	4.59	4.57	4.54	4.52	4.49		
4	4.91	4.91	4.90	4.89	4.88	4.87	4.85	4.83	4.80	4.76	4.71	4.65	4.59	4.52	4.45	4.37	4.29	4.20	4.10	4.00	3.90	3.80	3.70	3.60	3.50	3.40	3.30	3.20	3.10	3.00	2.90	2.80	2.70	2.60	2.50	2.40	2.30	2.20	2.10	2.00	1.90	1.80	1.70	1.60	1.50	1.40	
6	4.92	4.90	4.89	4.88	4.86	4.82	4.76	4.68	4.59	4.50	4.40	4.30	4.20	4.10	4.00	3.90	3.80	3.70	3.60	3.50	3.40	3.30	3.20	3.10	3.00	2.90	2.80	2.70	2.60	2.50	2.40	2.30	2.20	2.10	2.00	1.90	1.80	1.70	1.60	1.50	1.40	1.30	1.20	1.10	1.00		
8	4.94	4.92	4.90	4.88	4.85	4.80	4.71	4.61	4.50	4.39	4.28	4.17	4.07	3.96	3.85	3.74	3.63	3.52	3.41	3.30	3.19	3.08	2.97	2.86	2.75	2.64	2.53	2.42	2.31	2.20	2.10	2.00	1.90	1.80	1.70	1.60	1.50	1.40	1.30	1.20	1.10	1.00	0.90	0.80	0.70		
10	4.98	4.96	4.94	4.92	4.90	4.87	4.82	4.74	4.64	4.53	4.42	4.31	4.20	4.09	3.98	3.87	3.76	3.65	3.54	3.43	3.32	3.21	3.10	3.00	2.89	2.78	2.67	2.56	2.45	2.34	2.23	2.12	2.01	1.90	1.80	1.70	1.60	1.50	1.40	1.30	1.20	1.10	1.00	0.90	0.80		
12	5.08	5.01	4.99	4.96	4.95	4.95	4.96	4.97	4.96	4.94	4.91	4.88	4.81	4.75	4.69	4.63	4.57	4.52	4.48	4.46	4.45	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.44		
14	5.20	5.07	5.04	5.02	5.00	4.99	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98		
16	5.16	5.13	5.10	5.07	5.05	5.03	5.02	5.01	4.99	4.98	4.95	4.92	4.88	4.84	4.79	4.74	4.70	4.66	4.64	4.63	4.63	4.64	4.65	4.65	4.66	4.67	4.68	4.69	4.70	4.71	4.72	4.73	4.74	4.75	4.76	4.77	4.78	4.79	4.80	4.81	4.82	4.83	4.84	4.85	4.86		
18	5.28	5.24	5.21	5.18	5.14	5.11	5.08	5.06	5.04	5.03	5.01	5.00	4.99	4.98	4.96	4.94	4.92	4.90	4.88	4.86	4.84	4.82	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.71	4.70	4.69	4.68	4.67	4.66	4.65	4.64	4.63	4.62	4.61	4.60	4.59		
20	5.32	5.28	5.25	5.21	5.17	5.14	5.10	5.07	5.05	5.03	5.02	5.01	5.00	4.99	4.98	4.96	4.94	4.92	4.90	4.88	4.86	4.84	4.82	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.71	4.70	4.69	4.68	4.67	4.66	4.65	4.64	4.63	4.62	4.61	4.60		
22	5.32	5.28	5.25	5.21	5.17	5.14	5.10	5.07	5.05	5.03	5.02	5.01	5.00	4.99	4.98	4.96	4.94	4.92	4.90	4.88	4.86	4.84	4.82	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.71	4.70	4.69	4.68	4.67	4.66	4.65	4.64	4.63	4.62	4.61	4.60		
24	5.33	5.30	5.26	5.23	5.19	5.15	5.11	5.07	5.04	5.03	5.03	5.03	5.03	5.06	5.07	5.07	5.08	5.08	5.05	5.06	5.08	5.10	5.11	5.16	5.18	5.19	5.20	5.21	5.22	5.23	5.24	5.25	5.26	5.27	5.27	5.27	5.27	5.27	5.27	5.27	5.27	5.27	5.27	5.27	5.27		
26	5.28	5.17	5.14	5.11	5.07	5.04	5.00	4.97	4.94	4.90	4.86	4.82	4.77	4.73	4.69	4.65	4.61	4.57	4.53	4.50	4.46	4.42	4.38	4.34	4.30	4.26	4.22	4.18	4.14	4.10	4.06	4.02	3.98	3.94	3.90	3.86	3.82	3.78	3.74	3.70	3.66	3.62	3.58	3.54	3.50		
28	5.28	5.25	5.22	5.18	5.14	5.10	5.06	5.02	4.98	4.94	4.90	4.86	4.82	4.78	4.74	4.70	4.66	4.62	4.58	4.54	4.50	4.46	4.42	4.38	4.34	4.30	4.26	4.22	4.18	4.14	4.10	4.06	4.02	3.98	3.94	3.90	3.86	3.82	3.78	3.74	3.70	3.66	3.62	3.58	3.54		
30	5.07	5.05	5.03	5.00	4.97	4.93	4.89	4.87	4.85	4.86	4.88	4.92	4.97	5.03	5.07	5.10	5.12	5.13	5.14	5.15	5.16	5.18	5.19	5.20	5.20	5.19	5.18	5.17	5.16	5.15	5.14	5.13	5.12	5.11	5.10	5.09	5.07	5.05	5.03	5.00	4.96	4.92	4.88	4.84	4.80		
32	4.91	4.90	4.88	4.86	4.84	4.82	4.79	4.75	4.70	4.65	4.60	4.55	4.50	4.45	4.40	4.35	4.30	4.25	4.20	4.15	4.10	4.05	4.00	3.95	3.90	3.85	3.80	3.75	3.70	3.65	3.60	3.55	3.50	3.45	3.40	3.35	3.30	3.25	3.20	3.15	3.10	3.05	3.00	2.95			
34	4.70	4.70	4.69	4.67	4.65	4.63	4.62	4.61	4.62	4.65	4.69	4.74	4.80	4.86	4.91	4.94	4.96	4.97	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98	4.98		
36	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40			
38	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10		
40	4.18	4.18	4.19	4.20	4.20	4.21	4.23	4.26	4.30	4.35	4.42	4.49	4.58	4.67	4.77	4.86	4.93	4.99	5.04	5.08	5.11	5.14	5.16	5.18	5.19	5.20	5.21	5.22	5.23	5.24	5.25	5.26	5.27	5.27	5.27	5.27	5.27	5.27	5.27	5.27	5.27	5.27	5.27	5.27	5.27	5.27	
42	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88	3.88		
44	3.48	3.52	3.55	3.59	3.64	3.69	3.75	3.82	3.90	3.99	4.07	4.16	4.24	4.31	4.37	4.40	4.42	4.44	4.46	4.48	4.50	4.52	4.54	4.56	4.58	4.60	4.62	4.64	4.66	4.68	4.70	4.72	4.74	4.76	4.78	4.80	4.82	4.84	4.86	4.88	4.90	4.92	4.94	4.96	4.98		
46	3.28	3.32	3.35	3.39	3.44	3.49	3.55	3.62	3.70	3.79	3.88	3.96	4.04	4.12	4.19	4.26	4.32	4.37	4.42	4.47	4.52	4.57	4.62	4.67	4.72	4.77	4.82	4.87	4.92	4.97	5.02	5.07	5.12	5.17	5.22	5.27	5.32	5.37	5.42	5.47	5.52	5.57	5.62	5.67			
48	2.67	2.77	2.79	2.87	2.97	3.07	3.19	3.31	3.43	3.55	3.66	3.78	3.88	3.96	4.04	4.12	4.19	4.26	4.32	4.37	4.42	4.47	4.52	4.57	4.62	4.67	4.72	4.77	4.82	4.87	4.92	4.97	5.02	5.07	5.12	5.17	5.22	5.27	5.32	5.37	5.42	5.47	5.52	5.57	5.62		
50	2.28	2.28	2.31	2.36	2.41	2.46	2.51	2.56	2.62	2.68	2.74	2.80	2.87	2.93	2.99	3.05	3.11	3.17	3.23	3.29	3.35	3.41	3.47	3.53	3.59	3.65	3.71	3.77	3.83	3.89	3.95	4.01	4.07	4.13	4.19	4.25	4.31	4.37	4.43	4.49	4.55	4.61	4.67				
52	1.88	1.88	1.86	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.94	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95	1.95			
54	0.97	1.03	1.04	1.29	1.47	1.66	1.85	2.05	2.25	2.43	2.61	2.77	2.92	3.06	3.18	3.28	3.37	3.43	3.48	3.51	3.53	3.55	3.57	3.61	3.67	3.73	3.79	3.85	3.91	3.97	4.03	4.09	4.15	4.21	4.27	4.33	4.39	4.45	4.51	4.57	4.63	4.69	4.75				
56	0.60	0.65	0.76	0.91	1.09	1.29	1.49	1.70	1.90	2.09	2.29	2.49	2.69	2.77	2.86	2.92	2.97	3.01	3.04	3.07	3.10	3.13	3.16	3.19	3.22	3.25	3.28	3.31	3.34	3.37	3.40	3.43	3.46	3.49	3.52	3											

2D Radiation Pattern- WiFi Ant4 @ 6.5GHz (3/4)

Theta(Pt)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90
182	-16.30	-16.29	-16.26	-16.22	-16.18	-16.14	-16.10	-16.06	-16.01	-15.99	-15.95	-15.91	-15.86	-15.79	-15.68	-15.52	-15.32	-15.08	-14.83	-14.58	-14.37	-14.21	-14.10	-14.03	-13.98	-13.95	-13.94	-13.91	-13.92	-13.91	-13.89	-13.87	-13.84	-13.82	-13.81	-13.84	-13.80	-14.00	-14.34	-14.55	-14.61	-14.62	-15.28	-15.64	-15.98	-16.28
184	-16.30	-16.30	-16.27	-16.21	-16.14	-16.07	-16.00	-15.94	-15.86	-15.78	-15.68	-15.57	-15.45	-15.30	-15.12	-14.90	-14.64	-14.37	-14.09	-13.82	-13.57	-13.34	-13.13	-12.98	-12.89	-12.83	-12.79	-12.76	-12.75	-12.76	-12.80	-12.85	-12.90	-12.95	-13.00	-13.08	-13.24	-13.50	-13.87	-14.41	-15.01	-15.62	-16.21	-16.72		
186	-17.07	-17.03	-16.97	-16.89	-16.80	-16.71	-16.61	-16.50	-16.39	-16.28	-16.16	-16.03	-15.89	-15.70	-15.49	-15.25	-14.99	-14.72	-14.45	-14.18	-13.91	-13.65	-13.40	-13.16	-12.93	-12.71	-12.50	-12.31	-12.15	-12.03	-11.95	-11.89	-11.87	-11.86	-11.89	-11.89	-12.21	-12.63	-13.18	-13.82	-14.52	-15.27	-16.04	-16.77		
188	-17.06	-17.00	-16.94	-16.87	-16.80	-16.73	-16.66	-16.58	-16.49	-16.40	-16.30	-16.19	-16.07	-15.94	-15.78	-15.59	-15.36	-15.10	-14.83	-14.56	-14.29	-14.03	-13.77	-13.52	-13.28	-13.05	-12.82	-12.59	-12.37	-12.15	-11.94	-11.73	-11.56	-11.41	-11.29	-11.21	-11.18	-11.40	-11.84	-12.37	-12.99	-13.68	-14.36	-15.06		
190	-16.95	-16.87	-16.80	-16.73	-16.66	-16.59	-16.52	-16.45	-16.38	-16.30	-16.21	-16.11	-16.00	-15.88	-15.74	-15.58	-15.39	-15.16	-14.90	-14.64	-14.38	-14.12	-13.86	-13.60	-13.35	-13.10	-12.85	-12.60	-12.35	-12.10	-11.85	-11.60	-11.35	-11.10	-10.85	-10.60	-10.35	-10.10	-9.85	-9.60	-9.35	-9.10	-8.85	-8.60		
192	-16.84	-16.76	-16.69	-16.62	-16.55	-16.48	-16.41	-16.34	-16.27	-16.19	-16.10	-16.00	-15.89	-15.77	-15.64	-15.49	-15.31	-15.08	-14.82	-14.56	-14.30	-14.04	-13.78	-13.52	-13.26	-13.00	-12.74	-12.48	-12.22	-11.96	-11.70	-11.44	-11.18	-10.92	-10.66	-10.40	-10.14	-9.88	-9.62	-9.36	-9.10	-8.84	-8.58	-8.32	-8.06	
194	-16.74	-16.66	-16.59	-16.52	-16.45	-16.38	-16.31	-16.24	-16.17	-16.09	-16.00	-15.90	-15.79	-15.67	-15.54	-15.39	-15.21	-15.00	-14.74	-14.48	-14.22	-13.96	-13.70	-13.44	-13.18	-12.92	-12.66	-12.40	-12.14	-11.88	-11.62	-11.36	-11.10	-10.84	-10.58	-10.32	-10.06	-9.80	-9.54	-9.28	-9.02	-8.76	-8.50	-8.24	-7.98	
196	-16.64	-16.56	-16.49	-16.42	-16.35	-16.28	-16.21	-16.14	-16.07	-15.99	-15.90	-15.80	-15.69	-15.57	-15.44	-15.29	-15.11	-14.88	-14.62	-14.36	-14.10	-13.84	-13.58	-13.32	-13.06	-12.80	-12.54	-12.28	-12.02	-11.76	-11.50	-11.24	-10.98	-10.72	-10.46	-10.20	-9.94	-9.68	-9.42	-9.16	-8.90	-8.64	-8.38	-8.12	-7.86	
198	-16.54	-16.46	-16.39	-16.32	-16.25	-16.18	-16.11	-16.04	-15.97	-15.89	-15.80	-15.70	-15.59	-15.47	-15.34	-15.19	-15.01	-14.78	-14.52	-14.26	-14.00	-13.74	-13.48	-13.22	-12.96	-12.70	-12.44	-12.18	-11.92	-11.66	-11.40	-11.14	-10.88	-10.62	-10.36	-10.10	-9.84	-9.58	-9.32	-9.06	-8.80	-8.54	-8.28	-8.02	-7.76	
200	-16.44	-16.36	-16.29	-16.22	-16.15	-16.08	-16.01	-15.94	-15.87	-15.79	-15.70	-15.60	-15.49	-15.37	-15.24	-15.09	-14.91	-14.68	-14.42	-14.16	-13.90	-13.64	-13.38	-13.12	-12.86	-12.60	-12.34	-12.08	-11.82	-11.56	-11.30	-11.04	-10.78	-10.52	-10.26	-10.00	-9.74	-9.48	-9.22	-8.96	-8.70	-8.44	-8.18	-7.92		
202	-16.34	-16.26	-16.19	-16.12	-16.05	-15.98	-15.91	-15.84	-15.77	-15.69	-15.60	-15.50	-15.39	-15.27	-15.14	-14.99	-14.81	-14.58	-14.32	-14.06	-13.80	-13.54	-13.28	-13.02	-12.76	-12.50	-12.24	-11.98	-11.72	-11.46	-11.20	-10.94	-10.68	-10.42	-10.16	-9.90	-9.64	-9.38	-9.12	-8.86	-8.60	-8.34	-8.08	-7.82		
204	-16.24	-16.16	-16.09	-16.02	-15.95	-15.88	-15.81	-15.74	-15.67	-15.59	-15.50	-15.40	-15.29	-15.17	-15.04	-14.89	-14.71	-14.48	-14.22	-13.96	-13.70	-13.44	-13.18	-12.92	-12.66	-12.40	-12.14	-11.88	-11.62	-11.36	-11.10	-10.84	-10.58	-10.32	-10.06	-9.80	-9.54	-9.28	-9.02	-8.76	-8.50	-8.24	-7.98	-7.72		
206	-16.14	-16.06	-16.00	-15.93	-15.86	-15.79	-15.72	-15.65	-15.58	-15.50	-15.40	-15.30	-15.19	-15.07	-14.94	-14.79	-14.61	-14.38	-14.12	-13.86	-13.60	-13.34	-13.08	-12.82	-12.56	-12.30	-12.04	-11.78	-11.52	-11.26	-11.00	-10.74	-10.48	-10.22	-9.96	-9.70	-9.44	-9.18	-8.92	-8.66	-8.40	-8.14	-7.88	-7.62		
208	-16.04	-16.00	-15.93	-15.86	-15.79	-15.72	-15.65	-15.58	-15.51	-15.43	-15.33	-15.23	-15.12	-15.00	-14.87	-14.72	-14.55	-14.32	-14.06	-13.80	-13.54	-13.28	-13.02	-12.76	-12.50	-12.24	-11.98	-11.72	-11.46	-11.20	-10.94	-10.68	-10.42	-10.16	-9.90	-9.64	-9.38	-9.12	-8.86	-8.60	-8.34	-8.08	-7.82	-7.56		
210	-15.94	-15.90	-15.83	-15.76	-15.69	-15.62	-15.55	-15.48	-15.41	-15.33	-15.23	-15.13	-15.02	-14.90	-14.77	-14.62	-14.45	-14.22	-13.96	-13.70	-13.44	-13.18	-12.92	-12.66	-12.40	-12.14	-11.88	-11.62	-11.36	-11.10	-10.84	-10.58	-10.32	-10.06	-9.80	-9.54	-9.28	-9.02	-8.76	-8.50	-8.24	-7.98	-7.72	-7.46		
212	-15.84	-15.80	-15.73	-15.66	-15.59	-15.52	-15.45	-15.38	-15.31	-15.23	-15.13	-15.03	-14.92	-14.80	-14.67	-14.52	-14.35	-14.12	-13.86	-13.60	-13.34	-13.08	-12.82	-12.56	-12.30	-12.04	-11.78	-11.52	-11.26	-11.00	-10.74	-10.48	-10.22	-9.96	-9.70	-9.44	-9.18	-8.92	-8.66	-8.40	-8.14	-7.88	-7.62			
214	-15.74	-15.70	-15.63	-15.56	-15.49	-15.42	-15.35	-15.28	-15.21	-15.13	-15.03	-14.93	-14.82	-14.70	-14.57	-14.42	-14.25	-14.02	-13.76	-13.50	-13.24	-12.98	-12.72	-12.46	-12.20	-11.94	-11.68	-11.42	-11.16	-10.90	-10.64	-10.38	-10.12	-9.86	-9.60	-9.34	-9.08	-8.82	-8.56	-8.30	-8.04	-7.78	-7.52			
216	-15.64	-15.60	-15.53	-15.46	-15.39	-15.32	-15.25	-15.18	-15.11	-15.03	-14.93	-14.83	-14.72	-14.60	-14.47	-14.32	-14.15	-13.92	-13.66	-13.40	-13.14	-12.88	-12.62	-12.36	-12.10	-11.84	-11.58	-11.32	-11.06	-10.80	-10.54	-10.28	-10.02	-9.76	-9.50	-9.24	-8.98	-8.72	-8.46	-8.20	-7.94	-7.68	-7.42			
218	-15.54	-15.50	-15.43	-15.36	-15.29	-15.22	-15.15	-15.08	-15.01	-14.93	-14.83	-14.73	-14.62	-14.50	-14.37	-14.22	-14.05	-13.82	-13.56	-13.30	-13.04	-12.78	-12.52	-12.26	-12.00	-11.74	-11.48	-11.22	-10.96	-10.70	-10.44	-10.18	-9.92	-9.66	-9.40	-9.14	-8.88	-8.62	-8.36	-8.10	-7.84	-7.58	-7.32			
220	-15.44	-15.40	-15.33	-15.26	-15.19	-15.12	-15.05	-14.98	-14.91	-14.83	-14.73	-14.63	-14.52	-14.40	-14.27	-14.12	-13.95	-13.72	-13.46	-13.20	-12.94	-12.68	-12.42	-12.16	-11.90	-11.64	-11.38	-11.12	-10.86	-10.60	-10.34	-10.08	-9.82	-9.56	-9.30	-9.04	-8.78	-8.52	-8.26	-8.00	-7.74	-7.48	-7.22			
222	-15.34	-15.30	-15.23	-15.16	-15.09	-15.02	-14.95	-14.88	-14.81	-14.73	-14.63	-14.53	-14.42	-14.30	-14.17	-14.02	-13.85	-13.62	-13.36	-13.10	-12.84	-12.58	-12.32	-12.06	-11.80	-11.54	-11.28	-11.02	-10.76	-10.50	-10.24	-9.98	-9.72	-9.46	-9.20	-8.94	-8.68	-8.42	-8.16	-7.90	-7.64	-7.38	-7.12			
224	-15.24	-15.20	-15.13	-15.06	-14.99	-14.92	-14.85	-14.78	-14.71	-14.63	-14.53	-14.43	-14.32	-14.20	-14.07	-13.92	-13.75	-13.52	-13.26	-13.00	-12.74	-12.48	-12.22	-11.96	-11.70	-11.44	-11.18	-10.92	-10.66	-10.40	-10.14	-9.88	-9.62	-9.36	-9.10	-8.84	-8.58	-8.32	-8.06	-7.80	-7.54	-7.28	-7.02			
226	-15.14	-15.10	-15.03	-14.96	-14.89	-14.82	-14.75	-14.68	-14.61	-14.53	-14.43	-14.33	-14.22	-14.10	-13.97	-13.82	-13.65	-13.42	-13.16	-12.90	-12.64	-12.38	-12.12	-11.86	-11.60	-11.34	-11.08	-10.82	-10.56	-10.30	-10.04	-9.78	-9.52	-9.26	-9.00	-8.74	-8.48	-8.22	-7.96	-7.70	-7.44	-7.18	-6.92			
228	-15.04	-15.00	-14.93	-14.86	-14.79	-14.72	-14.65	-14.58	-14.51	-14.43	-14.33	-14.23	-14.12	-14.00	-13.87	-13.72	-13.55	-13.32	-13.06	-12.80	-12.54	-12.28	-12.02	-11.76	-11.50	-11.24	-10.98	-10.72	-10.46	-10.20	-9.94	-9.68	-9.42	-9.16	-8.90	-8.64	-8.38	-8.12	-7.86	-7.60	-7.34	-7.08	-6.82			
230	-14.94	-14.90	-14.83	-14.76	-14.69	-14.62	-14.55	-14.48	-14.41	-14.33	-14.23	-14.13	-14.02	-13.90	-13.77	-13.62	-13.45	-13.22	-12.96	-12.70	-12.44	-12.18	-11.92	-11.66	-11.40	-11.14	-10.88	-10.62	-10.36	-10.10	-9.84	-9.58	-9.32	-9.06	-8.80	-8.54	-8.28	-8.02	-7.76	-7.50	-7.24	-6.98	-6.72			
232	-14.84	-14.80	-14.73	-14.66	-14.59	-14.52	-14.45	-14.38	-14.31	-14.23	-14.13	-14.03	-13.92	-13.80	-13.67	-13.52	-13.35	-13.12	-12.86	-12.60	-12.34	-12.08	-11.82	-11.56	-11.30	-11.04	-10.78	-10.52	-10.26	-10.00	-9.74	-9.48	-9.22	-8.96	-8.70	-8.44	-8.18	-7.92	-7.66	-7.40	-7.14	-6.88				
234	-14.74	-14.70	-14.63	-14.56	-14.49	-14.42	-14.35	-14.28	-14.21	-14.13	-14.03	-13.93	-13.82	-13.70	-13.57	-13.42	-13.25	-13.02	-12.76	-12.50	-12.24	-11.98	-11.72	-11.46	-11.20	-10.94	-10.68	-10.42	-10.16	-9.90	-9.64	-9.38	-9.12	-8.86	-8.60	-8.34	-8.08	-7.82	-7.56	-7.30	-7.04	-6.78				
236	-14.64	-14.60	-14.53	-14.46	-14.39	-14.32	-14.25	-14																																						

2D Radiation Pattern- WiFi Ant4 @ 6.5GHz (4/4)

181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300
181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300
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181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300
181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300
181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300
181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300
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181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300
181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300
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181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300
181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	28																		

2D Radiation Pattern- WiFi Ant4 @ 7.125GHz (1/4)

	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
1	2	4.32	6.48	8.64	10.8	12.96	15.12	17.28	19.44	21.6	23.76	25.92	28.08	30.24	32.4	34.56	36.72	38.88	41.04	43.2	45.36	47.52	49.68	51.84	54	56.16	58.32	60.48	62.64	64.8	66.96	69.12	71.28	73.44	75.6	77.76	79.92	82.08	84.24	86.4	88.56	90.72	92.88	95.04	97.2	99.36	101.52	103.68	105.84	108																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
2	4.32	6.48	8.64	10.8	12.96	15.12	17.28	19.44	21.6	23.76	25.92	28.08	30.24	32.4	34.56	36.72	38.88	41.04	43.2	45.36	47.52	49.68	51.84	54	56.16	58.32	60.48	62.64	64.8	66.96	69.12	71.28	73.44	75.6	77.76	79.92	82.08	84.24	86.4	88.56	90.72	92.88	95.04	97.2	99.36	101.52	103.68	105.84	108																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
3	6.48	9.72	12.96	16.2	19.44	22.68	25.92	29.16	32.4	35.64	38.88	42.12	45.36	48.6	51.84	55.08	58.32	61.56	64.8	68.04	71.28	74.52	77.76	81	84.24	87.48	90.72	93.96	97.2	100.44	103.68	106.92	110.16	113.4	116.64	119.88	123.12	126.36	129.6	132.84	136.08	139.32	142.56	145.8	149.04	152.28	155.52	158.76	162																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
4	9.72	14.58	19.44	24.3	29.16	33.96	38.88	43.72	48.6	53.44	58.32	63.16	68.04	72.88	77.76	82.64	87.52	92.4	97.28	102.16	107.04	111.92	116.8	121.68	126.56	131.44	136.32	141.2	146.08	150.96	155.84	160.72	165.6	170.48	175.36	180.24	185.12	190	194.88	199.76	204.64	209.52	214.4	219.28	224.16	229.04	233.92	238.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
5	12.96	19.44	25.92	32.4	39.6	47.52	55.08	62.64	70.56	78.48	86.4	94.32	102.24	110.16	118.08	126	133.92	141.84	149.76	157.68	165.6	173.52	181.44	189.36	197.28	205.2	213.12	221.04	228.96	236.88	244.8	252.72	260.64	268.56	276.48	284.4	292.32	300.24	308.16	316.08	324	331.92	339.84	347.76	355.68	363.6	371.52	379.44	387.36	395.28	403.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
6	16.2	24.3	32.4	40.5	48.6	56.72	64.8	72.88	80.96	89.04	97.12	105.2	113.28	121.36	129.44	137.52	145.6	153.68	161.76	169.84	177.92	185.96	194	202.08	210.24	218.4	226.56	234.72	242.88	251	259.12	267.28	275.44	283.6	291.76	299.92	308.08	316.24	324.4	332.56	340.72	348.88	357.04	365.2	373.36	381.52	389.68	397.84	406																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
7	19.44	29.16	38.88	48.6	58.32	68.04	77.76	87.52	97.28	107.04	116.8	126.56	136.32	146.08	155.84	165.6	175.36	185.12	194.88	204.64	214.4	224.16	233.92	243.68	253.44	263.2	272.96	282.72	292.48	302.24	312	321.76	331.52	341.28	351.04	360.8	370.56	380.32	390.08	399.84	409.6	419.36	429.12	438.88	448.64	458.4	468.16	477.92	487.68	497.44	507.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
8	22.68	33.96	45.36	56.72	68.04	79.36	90.72	102.08	113.44	124.8	136.16	147.52	158.88	170.24	181.6	192.96	204.32	215.68	227.04	238.4	249.76	261.12	272.48	283.84	295.2	306.56	317.92	329.28	340.64	352	363.36	374.72	386.08	397.44	408.8	420.16	431.52	442.88	454.24	465.6	476.96	488.32	499.68	511.04	522.4	533.76	545.12	556.48	567.84	579.2	590.56	601.92	613.28	624.64	636																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
9	25.92	39.6	53.44	67.2	81	94.8	108.6	122.4	136.2	150	163.8	177.6	191.4	205.2	219	232.8	246.6	260.4	274.2	288	301.8	315.6	329.4	343.2	357	370.8	384.6	398.4	412.2	426	439.8	453.6	467.4	481.2	495	508.8	522.6	536.4	550.2	564	577.8	591.6	605.4	619.2	633	646.8	660.6	674.4	688.2	702	715.8	729.6	743.4	757.2	771																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
10	29.16	45.36	60.48	75.6	90.72	105.84	121	136.32	151.52	166.72	181.92	197.12	212.32	227.52	242.72	257.92	273.12	288.32	303.52	318.72	333.92	349.12	364.32	379.52	394.72	409.92	425.12	440.32	455.52	470.72	485.92	501.12	516.32	531.52	546.72	561.92	577.12	592.32	607.52	622.72	637.92	653.12	668.32	683.52	698.72	713.92	729.12	744.32	759.52	774.72	789.92	805.12	820.32	835.52	850.72	865.92	881.12	896.32	911.52	926.72	941.92	957.12	972.32	987.52	1002.72	1017.92	1033.12	1048.32	1063.52	1078.72	1093.92	1109.12	1124.32	1139.52	1154.72	1169.92	1185.12	1200.32	1215.52	1230.72	1245.92	1261.12	1276.32	1291.52	1306.72	1321.92	1337.12	1352.32	1367.52	1382.72	1397.92	1413.12	1428.32	1443.52	1458.72	1473.92	1489.12	1504.32	1519.52	1534.72	1549.92	1565.12	1580.32	1595.52	1610.72	1625.92	1641.12	1656.32	1671.52	1686.72	1701.92	1717.12	1732.32	1747.52	1762.72	1777.92	1793.12	1808.32	1823.52	1838.72	1853.92	1869.12	1884.32	1899.52	1914.72	1929.92	1945.12	1960.32	1975.52	1990.72	2005.92	2021.12	2036.32	2051.52	2066.72	2081.92	2097.12	2112.32	2127.52	2142.72	2157.92	2173.12	2188.32	2203.52	2218.72	2233.92	2249.12	2264.32	2279.52	2294.72	2309.92	2325.12	2340.32	2355.52	2370.72	2385.92	2401.12	2416.32	2431.52	2446.72	2461.92	2477.12	2492.32	2507.52	2522.72	2537.92	2553.12	2568.32	2583.52	2598.72	2613.92	2629.12	2644.32	2659.52	2674.72	2689.92	2705.12	2720.32	2735.52	2750.72	2765.92	2781.12	2796.32	2811.52	2826.72	2841.92	2857.12	2872.32	2887.52	2902.72	2917.92	2933.12	2948.32	2963.52	2978.72	2993.92	3009.12	3024.32	3039.52	3054.72	3069.92	3085.12	3100.32	3115.52	3130.72	3145.92	3161.12	3176.32	3191.52	3206.72	3221.92	3237.12	3252.32	3267.52	3282.72	3297.92	3313.12	3328.32	3343.52	3358.72	3373.92	3389.12	3404.32	3419.52	3434.72	3449.92	3465.12	3480.32	3495.52	3510.72	3525.92	3541.12	3556.32	3571.52	3586.72	3601.92	3617.12	3632.32	3647.52	3662.72	3677.92	3693.12	3708.32	3723.52	3738.72	3753.92	3769.12	3784.32	3799.52	3814.72	3829.92	3845.12	3860.32	3875.52	3890.72	3905.92	3921.12	3936.32	3951.52	3966.72	3981.92	3997.12	4012.32	4027.52	4042.72	4057.92	4073.12	4088.32	4103.52	4118.72	4133.92	4149.12	4164.32	4179.52	4194.72	4209.92	4225.12	4240.32	4255.52	4270.72	4285.92	4301.12	4316.32	4331.52	4346.72	4361.92	4377.12	4392.32	4407.52	4422.72	4437.92	4453.12	4468.32	4483.52	4498.72	4513.92	4529.12	4544.32	4559.52	4574.72	4589.92	4605.12	4620.32	4635.52	4650.72	4665.92	4681.12	4696.32	4711.52	4726.72	4741.92	4757.12	4772.32	4787.52	4802.72	4817.92	4833.12	4848.32	4863.52	4878.72	4893.92	4909.12	4924.32	4939.52	4954.72	4969.92	4985.12	5000.32	5015.52	5030.72	5045.92	5061.12	5076.32	5091.52	5106.72	5121.92	5137.12	5152.32	5167.52	5182.72	5197.92	5213.12	5228.32	5243.52	5258.72	5273.92	5289.12	5304.32	5319.52	5334.72	5349.92	5365.12	5380.32	5395.52	5410.72	5425.92	5441.12	5456.32	5471.52	5486.72	5501.92	5517.12	5532.32	5547.52	5562.72	5577.92	5593.12	5608.32	5623.52	5638.72	5653.92	5669.12	5684.32	5699.52	5714.72	5729.92	5745.12	5760.32	5775.52	5790.72	5805.92	5821.12	5836.32	5851.52	5866.72	5881.92	5897.12	5912.32	5927.52	5942.72	5957.92	5973.12	5988.32	6003.52	6018.72	6033.92	6049.12	6064.32	6079.52	6094.72	6109.92	6125.12	6140.32	6155.52	6170.72	6185.92	6201.12	6216.32	6231.52	6246.72	6261.92	6277.12	6292.32	6307.52	6322.72	6337.92	6353.12	6368.32	6383.52	6398.72	6413.92	6429.12	6444.32	6459.52	6474.72	6489.92	6505.12	6520.32	6535.52	6550.72	6565.92	6581.12	6596.32	6611.52	6626.72	6641.92	6657.12	6672.32	6687.52	6702.72	6717.92	6733.12	6748.32	6763.52	6778.72	6793.92	6809.12	6824.32	6839.52	6854.72	6869.92	6885.12	6900.32	6915.52	6930.72	6945.92	6961.12	6976.32	6991.52	7006.72	7021.92	7037.12	7052.32	7067.52	7082.72	7097.92	7113.12	7128.32	7143.52	7158.72	7173.92	7189.12	7204.32	7219.52	7234.72	7249.92	7265.12	7280.32	7295.52	7310.72	7325.92	7341.12	7356.32	7371.52	7386.72	7401.92	7417.12	7432.32	7447.52	7462.72	7477.92	7493.12	7508.32	7523.52	7538.72	7553.92	7569.12	7584.32	7599.52	7614.72	7629.92	7645.12	7660.32	7675.52	7690.72	7705.92	7721.12	7736.32	7751.52	7766.72	7781.92	7797.12	7812.32	7827.52	7842.72	7857.92	7873.12	7888.32	7903.52	7918.72	7933.92	7949.12	7964.32	7979.52	7994.72	8009.92	8025.12	8040.32	8055.52	8070.72	8085.92	8101.12	8116.32	8131.52	8146.72	8161.92	8177.12	8192.32	8207.52	8222.72	8237.92	8253.12	8268.32	8283.52	8298.72	8313.92	8329.12	8344.32	8359.52	8374.72	8389.92	8405.12	8420.32	8435.52	8450.72	8465.92	8481.12	8496.32	8511.52	8526.72	8541.92	8557.12	8572.32	8587.52	8602.72	8617.92	8633.12	8648.32	8663.52	8678.72	8693.92	8709.12	8724.32	8739.52	8754.72	8769.92	8785.12	8800.32	8815.52	8830.72	8845.92	8861.12	8876.32	8891.52	8906.72	8921.92	8937.12	8952.32	8967.52	8982.72	8997.92	9013.12	9028.32	9043.52	9058.72	9073.92	9089.12	9104.32	9119.52	9134.72	9149.92	9165.12	9180.32	9195.52	9210.72	9225.92	9241.12	9256.32	9271.52	9286.72	9301.92	9317.12	9332.32	9347.52	936

2D Radiation Pattern- WiFi Ant4 @ 7.125GHz (2/4)

[illegible]

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132

2D Radiation Pattern- WiFi Ant4 @ 7.125GHz (4/4)

Theta(Pt)	01	04	06	09	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	178	180			
182	-16.41	-16.66	-16.91	-17.13	-17.28	-17.34	-17.34	-17.29	-17.25	-17.24	-17.29	-17.39	-17.55	-17.74	-17.95	-18.18	-18.44	-18.65	-18.84	-18.95	-19.02	-19.05	-19.20	-19.31	-19.32	-19.28	-19.19	-19.08	-18.97	-18.88	-18.95	-18.88	-18.66	-18.50	-18.21	-18.31	-18.43	-18.50	-18.53	-18.53	-18.49	-18.41	-18.24	-18.04	-17.99			
184	-12.91	-12.97	-13.03	-13.09	-13.08	-13.08	-13.14	-13.17	-13.11	-13.05	-13.04	-13.11	-13.21	-13.37	-13.59	-13.85	-14.05	-14.24	-14.41	-14.55	-14.65	-14.70	-14.62	-14.51	-14.35	-14.17	-13.97	-13.75	-13.52	-13.28	-13.00	-12.70	-12.35	-12.06	-11.99	-12.17	-12.34	-12.55	-12.80	-13.09	-13.43	-13.81	-14.20	-14.58	-14.93			
186	-11.74	-12.21	-12.68	-13.18	-13.59	-13.91	-14.14	-14.38	-14.59	-14.78	-14.94	-15.08	-15.19	-15.27	-15.30	-15.27	-15.12	-14.90	-14.64	-14.38	-14.07	-13.75	-13.42	-13.09	-12.75	-12.42	-12.09	-11.75	-11.42	-11.09	-10.75	-10.42	-10.12	-9.84	-9.58	-9.34	-9.12	-8.94	-8.80	-8.77	-8.80	-8.87	-8.94	-9.01	-9.08	-9.15		
188	-9.89	-10.30	-10.71	-11.07	-11.33	-11.49	-11.65	-11.82	-11.98	-12.14	-12.29	-12.44	-12.58	-12.69	-12.74	-12.75	-12.62	-12.44	-12.19	-11.90	-11.55	-11.15	-10.75	-10.35	-9.95	-9.55	-9.15	-8.75	-8.35	-7.95	-7.55	-7.15	-6.75	-6.35	-5.95	-5.55	-5.15	-4.75	-4.35	-3.95	-3.55	-3.15	-2.75	-2.35	-1.95	-1.55		
190	-8.77	-10.07	-10.57	-10.94	-11.21	-11.39	-11.56	-11.74	-11.92	-12.09	-12.27	-12.44	-12.61	-12.77	-12.91	-13.04	-13.15	-13.20	-13.18	-13.10	-12.97	-12.80	-12.59	-12.35	-12.09	-11.82	-11.54	-11.25	-10.96	-10.67	-10.38	-10.09	-9.80	-9.51	-9.22	-8.93	-8.64	-8.35	-8.06	-7.77	-7.48	-7.19	-6.90	-6.61	-6.32	-6.03		
192	-10.06	-10.22	-10.37	-10.51	-10.62	-10.69	-10.75	-10.78	-10.83	-10.89	-10.95	-11.04	-11.10	-11.13	-11.14	-11.14	-11.13	-11.10	-11.05	-10.98	-10.89	-10.78	-10.65	-10.50	-10.33	-10.15	-9.96	-9.77	-9.58	-9.39	-9.20	-9.01	-8.82	-8.63	-8.44	-8.25	-8.06	-7.87	-7.68	-7.49	-7.30	-7.11	-6.92	-6.73	-6.54	-6.35		
194	-10.06	-10.04	-10.01	-10.01	-10.02	-10.03	-10.04	-10.05	-10.06	-10.07	-10.08	-10.09	-10.10	-10.11	-10.12	-10.13	-10.14	-10.15	-10.16	-10.17	-10.18	-10.19	-10.20	-10.21	-10.22	-10.23	-10.24	-10.25	-10.26	-10.27	-10.28	-10.29	-10.30	-10.31	-10.32	-10.33	-10.34	-10.35	-10.36	-10.37	-10.38	-10.39	-10.40	-10.41	-10.42	-10.43		
196	-11.44	-11.25	-11.06	-10.80	-10.50	-10.20	-10.00	-0.98	-1.01	-1.10	-1.19	-1.28	-1.37	-1.46	-1.55	-1.64	-1.73	-1.82	-1.91	-2.00	-2.09	-2.18	-2.27	-2.36	-2.45	-2.54	-2.63	-2.72	-2.81	-2.90	-3.00	-3.09	-3.18	-3.27	-3.36	-3.45	-3.54	-3.63	-3.72	-3.81	-3.90	-4.00	-4.09	-4.18	-4.27	-4.36		
200	-12.33	-12.97	-13.60	-14.18	-14.68	-15.14	-15.56	-15.94	-16.28	-16.58	-16.84	-17.08	-17.29	-17.47	-17.62	-17.75	-17.85	-17.91	-17.93	-17.92	-17.88	-17.81	-17.71	-17.59	-17.45	-17.30	-17.14	-16.98	-16.80	-16.62	-16.45	-16.28	-16.10	-15.93	-15.75	-15.58	-15.40	-15.23	-15.05	-14.88	-14.70	-14.53	-14.36	-14.19	-14.02	-13.85		
202	-13.22	-14.70	-16.16	-17.51	-18.74	-19.84	-20.84	-21.76	-22.61	-23.40	-24.14	-24.83	-25.48	-26.09	-26.66	-27.19	-27.68	-28.13	-28.54	-28.91	-29.24	-29.53	-29.78	-29.99	-30.16	-30.30	-30.42	-30.52	-30.60	-30.67	-30.73	-30.78	-30.82	-30.85	-30.88	-30.90	-30.91	-30.92	-30.93	-30.94	-30.95	-30.96	-30.97	-30.98	-30.99	-31.00	-31.01	-31.02
204	-14.03	-15.36	-16.67	-17.87	-18.97	-19.97	-20.89	-21.76	-22.58	-23.36	-24.10	-24.80	-25.47	-26.10	-26.69	-27.24	-27.75	-28.23	-28.68	-29.10	-29.49	-29.85	-30.19	-30.51	-30.81	-31.09	-31.35	-31.59	-31.82	-32.03	-32.23	-32.42	-32.60	-32.77	-32.93	-33.09	-33.24	-33.39	-33.54	-33.69	-33.84	-33.99	-34.14	-34.29	-34.44	-34.59	-34.74	
206	-14.86	-16.07	-17.14	-18.10	-18.97	-19.76	-20.50	-21.20	-21.86	-22.50	-23.12	-23.72	-24.30	-24.86	-25.40	-25.92	-26.41	-26.87	-27.30	-27.70	-28.08	-28.44	-28.78	-29.11	-29.43	-29.74	-30.04	-30.33	-30.61	-30.88	-31.14	-31.39	-31.64	-31.89	-32.14	-32.39	-32.64	-32.89	-33.14	-33.39	-33.64	-33.89	-34.14	-34.39	-34.64	-34.89		
208	-14.86	-16.07	-17.14	-18.10	-18.97	-19.76	-20.50	-21.20	-21.86	-22.50	-23.12	-23.72	-24.30	-24.86	-25.40	-25.92	-26.41	-26.87	-27.30	-27.70	-28.08	-28.44	-28.78	-29.11	-29.43	-29.74	-30.04	-30.33	-30.61	-30.88	-31.14	-31.39	-31.64	-31.89	-32.14	-32.39	-32.64	-32.89	-33.14	-33.39	-33.64	-33.89	-34.14	-34.39	-34.64	-34.89		
210	-14.86	-16.07	-17.14	-18.10	-18.97	-19.76	-20.50	-21.20	-21.86	-22.50	-23.12	-23.72	-24.30	-24.86	-25.40	-25.92	-26.41	-26.87	-27.30	-27.70	-28.08	-28.44	-28.78	-29.11	-29.43	-29.74	-30.04	-30.33	-30.61	-30.88	-31.14	-31.39	-31.64	-31.89	-32.14	-32.39	-32.64	-32.89	-33.14	-33.39	-33.64	-33.89	-34.14	-34.39	-34.64	-34.89		
212	-14.86	-16.07	-17.14	-18.10	-18.97	-19.76	-20.50	-21.20	-21.86	-22.50	-23.12	-23.72	-24.30	-24.86	-25.40	-25.92	-26.41	-26.87	-27.30	-27.70	-28.08	-28.44	-28.78	-29.11	-29.43	-29.74	-30.04	-30.33	-30.61	-30.88	-31.14	-31.39	-31.64	-31.89	-32.14	-32.39	-32.64	-32.89	-33.14	-33.39	-33.64	-33.89	-34.14	-34.39	-34.64	-34.89		
214	-14.86	-16.07	-17.14	-18.10	-18.97	-19.76	-20.50	-21.20	-21.86	-22.50	-23.12	-23.72	-24.30	-24.86	-25.40	-25.92	-26.41	-26.87	-27.30	-27.70	-28.08	-28.44	-28.78	-29.11	-29.43	-29.74	-30.04	-30.33	-30.61	-30.88	-31.14	-31.39	-31.64	-31.89	-32.14	-32.39	-32.64	-32.89	-33.14	-33.39	-33.64	-33.89	-34.14	-34.39	-34.64	-34.89		
216	-14.86	-16.07	-17.14	-18.10	-18.97	-19.76	-20.50	-21.20	-21.86	-22.50	-23.12	-23.72	-24.30	-24.86	-25.40	-25.92	-26.41	-26.87	-27.30	-27.70	-28.08	-28.44	-28.78	-29.11	-29.43	-29.74	-30.04	-30.33	-30.61	-30.88	-31.14	-31.39	-31.64	-31.89	-32.14	-32.39	-32.64	-32.89	-33.14	-33.39	-33.64	-33.89	-34.14	-34.39	-34.64	-34.89		
218	-14.86	-16.07	-17.14	-18.10	-18.97	-19.76	-20.50	-21.20	-21.86	-22.50	-23.12	-23.72	-24.30	-24.86	-25.40	-25.92	-26.41	-26.87	-27.30	-27.70	-28.08	-28.44	-28.78	-29.11	-29.43	-29.74	-30.04	-30.33	-30.61	-30.88	-31.14	-31.39	-31.64	-31.89	-32.14	-32.39	-32.64	-32.89	-33.14	-33.39	-33.64	-33.89	-34.14	-34.39	-34.64	-34.89		
220	-14.86	-16.07	-17.14	-18.10	-18.97	-19.76	-20.50	-21.20	-21.86	-22.50	-23.12	-23.72	-24.30	-24.86	-25.40	-25.92	-26.41	-26.87	-27.30	-27.70	-28.08	-28.44	-28.78	-29.11	-29.43	-29.74	-30.04	-30.33	-30.61	-30.88	-31.14	-31.39	-31.64	-31.89	-32.14	-32.39	-32.64	-32.89	-33.14	-33.39	-33.64	-33.89	-34.14	-34.39	-34.64	-34.89		
222	-14.86	-16.07	-17.14	-18.10	-18.97	-19.76	-20.50	-21.20	-21.86	-22.50	-23.12	-23.72	-24.30	-24.86	-25.40	-25.92	-26.41	-26.87	-27.30	-27.70	-28.08	-28.44	-28.78	-29.11	-29.43	-29.74	-30.04	-30.33	-30.61	-30.88	-31.14	-31.39	-31.64	-31.89	-32.14	-32.39	-32.64	-32.89	-33.14	-33.39	-33.64	-33.89	-34.14	-34.39	-34.64	-34.89		
224	-14.86	-16.07	-17.14	-18.10	-18.97	-19.76	-20.50	-21.20	-21.86	-22.50	-23.12	-23.72	-24.30	-24.86	-25.40	-25.92	-26.41	-26.87	-27.30	-27.70	-28.08	-28.44	-28.78	-29.11	-29.43	-29.74	-30.04	-30.33	-30.61	-30.88	-31.14	-31.39	-31.64	-31.89	-32.14	-32.39	-32.64	-32.89	-33.14	-33.39	-33.64	-33.89	-34.14	-34.39	-34.64	-34.89		
226	-14.86	-16.07	-17.14	-18.10	-18.97	-19.76	-20.50	-21.20	-21.86	-22.50	-23.12	-23.72	-24.30	-24.86	-25.40	-25.92	-26.41	-26.87	-27.30	-27.70	-28.08	-28.44	-28.78	-29.11	-29.43	-29.74	-30.04	-30.33	-30.61	-30.88	-31.14	-31.39	-31.64	-31.89	-32.14	-32.39	-32.64	-32.89	-33.14	-33.39	-33.64	-33.89	-34.14	-34.39	-34.64	-34.89		
228	-14.86	-16.07	-17.14	-18.10	-18.97	-19.76	-20.50	-21.20	-21.86	-22.50	-23.12	-23.72	-24.30	-24.86	-25.40	-25.92	-26.41	-26.87	-27.30	-27.70	-28.08	-28.44	-28.78	-29.11	-29.43	-29.74	-30.04	-30.33	-30.61	-30.88	-31.14	-31.39	-31.64	-31.89	-32.14	-32.39	-32.64	-32.89	-33.14	-33.39	-33.64	-33.89	-34.14	-34.39	-34.64	-34.89		
230	-14.86	-16.07	-17.14	-18.10	-18.97	-19.76	-20.50	-21.20	-21.86	-22.50	-23.12	-23.72	-24.30	-24.86	-25.40	-25.92	-26.41	-26.87	-27.30	-27.70	-28.08	-28.44	-28.78	-29.11	-29.43	-29.74	-30.04	-30.33	-30.61	-30.88	-31.14	-31.39	-31.64	-31.89	-32.14	-32.39	-32.64	-32.89	-33.14	-33.39	-33.64	-33.89	-34.14	-34.39	-34.64	-34.89		
232	-14.86	-16.07	-17.14	-18.10	-18.97	-19.76	-20.50	-21.20	-21.86	-22.50	-23.12	-23.72	-24.30	-24.86	-25.40	-25.92	-26.41	-26.87	-27.30	-27.70	-28.08	-28.44	-28.78	-29.11	-29.43	-29.74	-30.04	-30.33	-30.61	-30.88	-31.14	-31.39	-31.64	-31.89	-32.14	-32.39	-32.64	-32.89	-33.14	-33.39	-33.64	-33.89	-34.14	-34.39	-34.64	-34.89		
234	-14.86	-16.07	-17.14	-18.10	-18.97	-19.76	-20.50	-21.20	-21.86	-22.50	-23.12	-23.72	-24.30	-24.86	-25.40	-25.92	-26.41	-26.87	-27.30	-27.70	-28.08	-28.44	-																									

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