

TEST REPORT

- PRODUCT: Antenna
- MODEL: HCT-228, HCT-2216
- Manufacturer : Hangil Control Co., Ltd.
- Address: Manufacturer : 47, Geumo-daero 16-gil, Gumi-si, Gyeongsangbuk-do REPUBLIC OF KOREA
- Postal Code : 39363
- Antenna Type: Copper Plate Antenna
- Frequency: 900-930MHz
- Max Gain: -0.22 dBi

3D Result Summary :

No	Freq.[GHz]	θ-Pol(H)	Eff.[%]	Avg.[dBi]	Peak[dBi]	θ(deg)	φ(deg)	φ-Pol(V)	Eff.[%]	Avg.[dBi]	Peak[dBi]	θ(deg)	φ(deg)	Pwr Sum	Eff.[%]	Avg.[dBi]	Peak[dBi]	θ(deg)	φ(deg)
1	0.902	25.57	-5.92	-1.12	275.00	105.00	14.70	-8.33	-2.23	155.00	120.00	40.27	-3.95	-0.32	275.00	105.00			
2	0.903	25.16	-5.99	-1.20	275.00	105.00	14.47	-8.40	-2.29	155.00	120.00	39.63	-4.02	-0.39	275.00	105.00			
3	0.904	24.69	-6.07	-1.31	275.00	105.00	14.23	-8.47	-2.39	155.00	120.00	38.93	-4.10	-0.50	275.00	105.00			
4	0.905	24.53	-6.10	-1.36	275.00	105.00	14.17	-8.49	-2.42	155.00	120.00	38.70	-4.12	-0.55	275.00	105.00			
5	0.906	24.73	-6.07	-1.33	275.00	105.00	14.32	-8.44	-2.38	155.00	120.00	39.05	-4.08	-0.52	275.00	105.00			
6	0.907	25.02	-6.02	-1.29	275.00	105.00	14.51	-8.38	-2.32	155.00	120.00	39.53	-4.03	-0.47	275.00	105.00			
7	0.908	25.01	-6.02	-1.31	275.00	105.00	14.54	-8.37	-2.31	155.00	120.00	39.55	-4.03	-0.48	275.00	105.00			
8	0.909	24.56	-6.10	-1.39	275.00	105.00	14.33	-8.44	-2.37	155.00	120.00	38.89	-4.10	-0.56	275.00	105.00			
9	0.910	23.93	-6.21	-1.50	275.00	105.00	14.05	-8.52	-2.45	155.00	120.00	37.98	-4.20	-0.68	275.00	105.00			
10	0.911	23.55	-6.28	-1.58	275.00	105.00	13.91	-8.57	-2.49	155.00	120.00	37.45	-4.27	-0.75	275.00	105.00			
11	0.912	23.81	-6.27	-1.56	275.00	105.00	14.04	-8.53	-2.44	155.00	120.00	37.65	-4.24	-0.72	275.00	105.00			
12	0.913	24.01	-6.20	-1.46	275.00	105.00	14.37	-8.43	-2.32	155.00	120.00	38.38	-4.16	-0.63	275.00	105.00			
13	0.914	24.35	-6.14	-1.40	275.00	105.00	14.67	-8.34	-2.22	155.00	120.00	39.02	-4.09	-0.55	275.00	105.00			
14	0.915	24.27	-6.15	-1.41	275.00	105.00	14.73	-8.32	-2.19	155.00	120.00	39.00	-4.09	-0.55	275.00	105.00			
15	0.916	23.77	-6.24	-1.47	275.00	105.00	14.55	-8.37	-2.24	155.00	120.00	38.32	-4.17	-0.62	275.00	105.00			
16	0.917	23.20	-6.35	-1.56	275.00	105.00	14.36	-8.43	-2.29	155.00	120.00	37.55	-4.25	-0.69	275.00	120.00			
17	0.918	22.95	-6.39	-1.60	275.00	105.00	14.36	-8.43	-2.28	155.00	120.00	37.30	-4.28	-0.71	275.00	120.00			
18	0.919	23.13	-6.36	-1.55	275.00	105.00	14.64	-8.35	-2.17	155.00	120.00	37.77	-4.23	-0.64	275.00	120.00			
19	0.920	23.57	-6.28	-1.46	275.00	105.00	15.09	-8.21	-2.02	155.00	120.00	38.65	-4.13	-0.51	275.00	120.00			
20	0.921	23.87	-6.22	-1.40	275.00	105.00	15.47	-8.10	-1.92	155.00	120.00	39.34	-4.05	-0.42	275.00	120.00			
21	0.922	23.78	-6.24	-1.41	275.00	105.00	15.61	-8.06	-1.87	160.00	105.00	39.40	-4.05	-0.40	275.00	120.00			
22	0.923	23.42	-6.30	-1.47	270.00	90.00	15.59	-8.07	-1.88	160.00	105.00	39.01	-4.09	-0.44	275.00	120.00			
23	0.924	23.13	-6.36	-1.49	270.00	90.00	15.63	-8.06	-1.87	160.00	105.00	38.76	-4.12	-0.46	275.00	120.00			
24	0.925	23.18	-6.35	-1.47	270.00	90.00	15.90	-7.99	-1.79	155.00	120.00	39.08	-4.08	-0.42	275.00	120.00			
25	0.926	23.53	-6.28	-1.37	270.00	90.00	16.38	-7.86	-1.65	155.00	120.00	39.91	-3.99	-0.32	275.00	120.00			
26	0.927	23.93	-6.21	-1.28	270.00	90.00	16.87	-7.73	-1.52	160.00	105.00	40.81	-3.89	-0.22	275.00	120.00			
27	0.928	24.08	-6.18	-1.26	270.00	90.00	17.17	-7.65	-1.45	160.00	105.00	41.25	-3.85	-0.18	275.00	120.00			