



Antenna Test Report



Frequency band: 4G&GPS&WiFi (2.4G/5G)

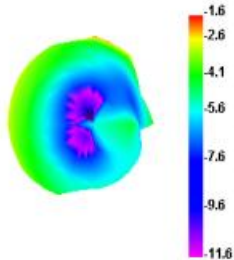


Gain & Efficiency

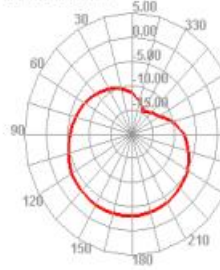
2/4G

Passive Test For 804-960												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
804	27.11	-5.67	-1.59	-3.74	10.568	16.545	-1.59	-14.75	4.08	90	37.33	36.86
830	33.09	-4.8	-0.8	-2.95	15.873	17.212	-0.8	-12.05	4	30	37.15	36.88
856	29.86	-5.25	-1.39	-3.54	15.581	14.275	-1.39	-12.73	3.86	30	37.8	37.78
882	43.92	-3.57	-0.4	-2.55	24.396	19.519	-0.4	-10.42	3.17	30	38.4	38.75
908	29.34	-5.33	-2.15	-4.3	17.394	11.942	-2.15	-12.27	3.18	30	38.64	39.21
934	30.69	-5.13	-1.28	-3.43	17.142	13.552	-1.28	-14.5	3.85	30	38.25	38.65
960	44.68	-3.5	-0.07	-2.22	23.691	20.99	-0.07	-11.97	3.43	30	38.33	38.47

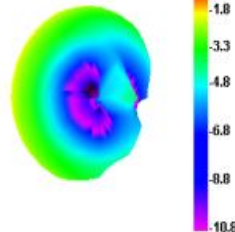
804.000MHz



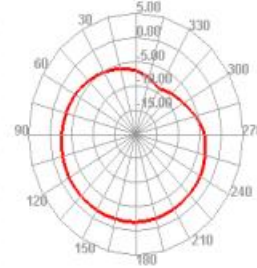
804.000MHz H



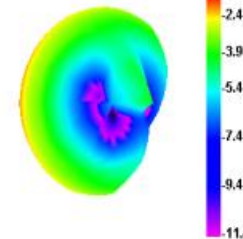
830.000MHz



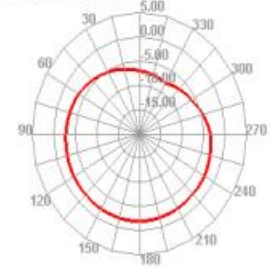
830.000MHz H



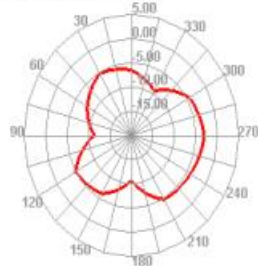
856.000MHz



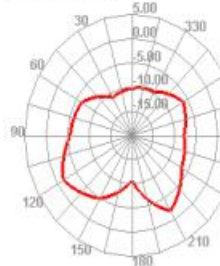
856.000MHz H



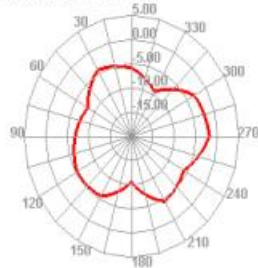
804.000MHz E1



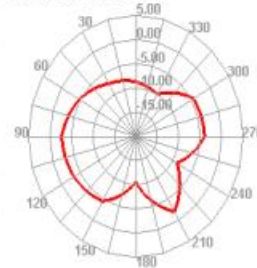
804.000MHz E2



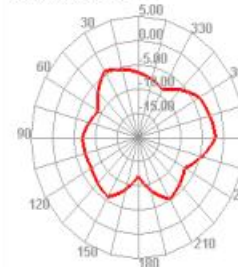
830.000MHz E1



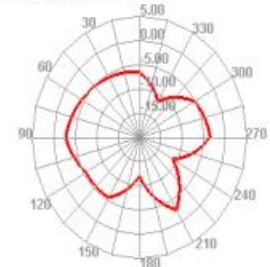
830.000MHz E2



856.000MHz E1



856.000MHz E2

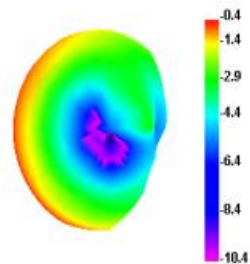


Gain & Efficiency

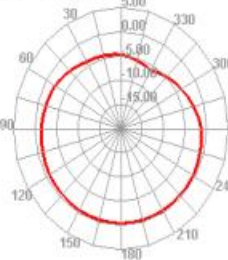
2/4 G

Passive Test For 804-960												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivit (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
804	27.11	-5.67	-1.59	-3.74	10.568	16.545	-1.59	-14.75	4.08	90	37.33	36.86
830	33.09	-4.8	-0.8	-2.95	15.873	17.212	-0.8	-12.05	4	30	37.15	36.88
856	29.86	-5.25	-1.39	-3.54	15.581	14.275	-1.39	-12.73	3.86	30	37.8	37.78
882	43.92	-3.57	-0.4	-2.55	24.396	19.519	-0.4	-10.42	3.17	30	38.4	38.75
908	29.34	-5.33	-2.15	-4.3	17.394	11.942	-2.15	-12.27	3.18	30	38.64	39.21
934	30.69	-5.13	-1.28	-3.43	17.142	13.552	-1.28	-14.5	3.85	30	38.25	38.65
960	44.68	-3.5	-0.07	-2.22	23.691	20.99	-0.07	-11.97	3.43	30	38.33	38.47

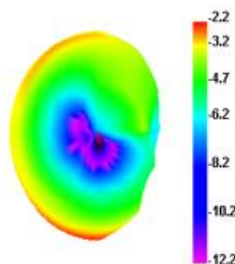
882.000MHz



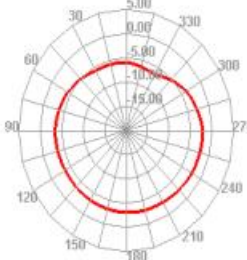
882.000MHz H



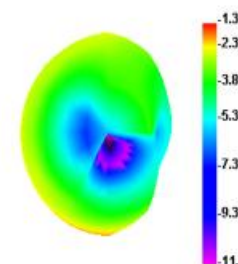
908.000MHz



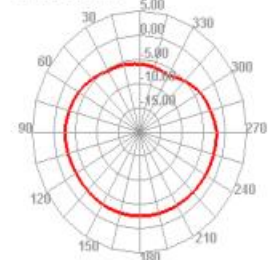
908.000MHz H



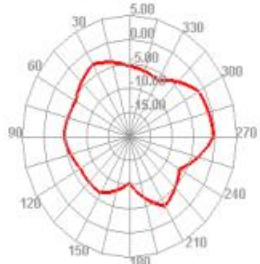
934.000MHz



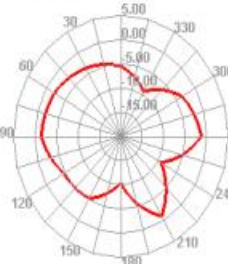
934.000MHz H



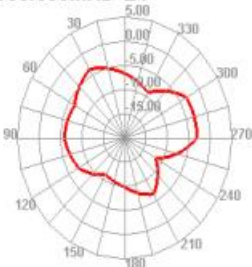
882.000MHz E1



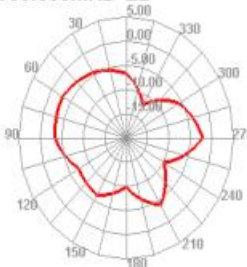
882.000MHz E2



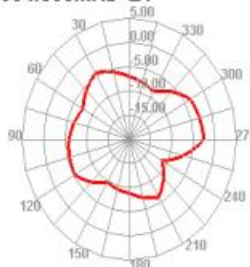
908.000MHz E1



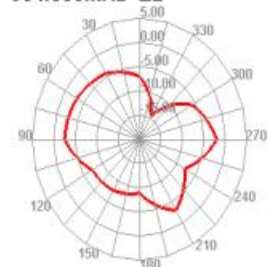
908.000MHz E2



934.000MHz E1



934.000MHz E2

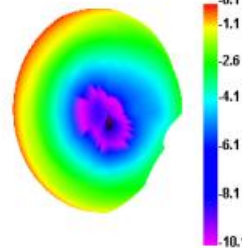


Gain & Efficiency

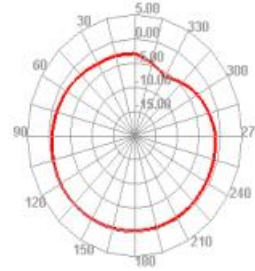
2/4G

Passive Test For 804-960												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
804	27.11	-5.67	-1.59	-3.74	10.568	16.545	-1.59	-14.75	4.08	90	37.33	36.86
830	33.09	-4.8	-0.8	-2.95	15.873	17.212	-0.8	-12.05	4	30	37.15	36.88
856	29.86	-5.25	-1.39	-3.54	15.581	14.275	-1.39	-12.73	3.86	30	37.8	37.78
882	43.92	-3.57	-0.4	-2.55	24.396	19.519	-0.4	-10.42	3.17	30	38.4	38.75
908	29.34	-5.33	-2.15	-4.3	17.394	11.942	-2.15	-12.27	3.18	30	38.64	39.21
934	30.69	-5.13	-1.28	-3.43	17.142	13.552	-1.28	-14.5	3.85	30	38.25	38.65
960	44.68	-3.5	-0.07	-2.22	23.691	20.99	-0.07	-11.97	3.43	30	38.33	38.47

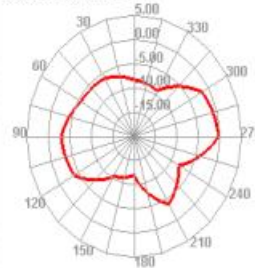
960.000MHz



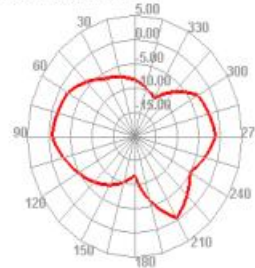
960.000MHz H



960.000MHz E1



960.000MHz E2

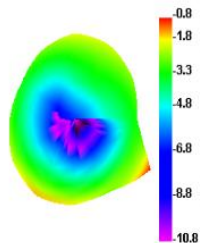


Gain & Efficiency

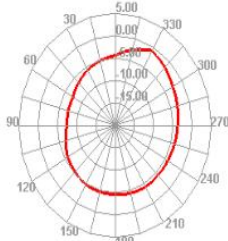
2/4G

Passive Test For 5G LTE												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
1700	33.62	-4.73	-0.76	-2.91	20.664	12.959	-0.76	-11.48	3.97	30	43.42	43.63
1766	44.57	-3.51	0.38	-1.77	23.808	20.767	0.38	-10.05	3.89	30	43.94	44.15
1832	39.18	-4.07	-0.51	-2.66	19.276	19.906	-0.51	-12.02	3.56	90	43.21	43.67
1898	36.66	-4.36	-0.44	-2.59	16.225	20.432	-0.44	-11.26	3.92	150	44.03	45.38
1964	36.73	-4.35	-0.72	-2.87	14.306	22.424	-0.72	-12.27	3.63	30	44.5	46.76
2030	48.47	-3.15	0.72	-1.43	16.696	31.771	0.72	-21.45	3.87	30	46.15	47.69
2096	43.03	-3.66	0.59	-1.56	12.3	30.727	0.59	-17.52	4.25	30	45.46	46.1
2162	34.35	-4.64	0.46	-1.69	10.41	23.936	0.46	-20.26	5.1	60	45	45.1
2228	41.74	-3.79	0.66	-1.49	12.48	29.255	0.66	-19.92	4.46	30	45.69	45.56
2294	45.52	-3.42	0.88	-1.27	12.041	33.48	0.88	-14.33	4.3	0	46.58	46.63
2360	43.88	-3.58	0.5	-1.65	12.192	31.686	0.5	-17.33	4.08	30	47.88	47.92
2426	43.55	-3.61	0.29	-1.86	13.367	30.183	0.29	-17.53	3.9	0	48.03	48.09
2492	44.67	-3.5	0.95	-1.2	16.304	28.362	0.95	-16.68	4.45	0	48.61	48.31
2558	35.12	-4.54	-0.82	-2.97	13.795	21.327	-0.82	-21.21	3.73	0	48.09	47.69
2624	34.69	-4.6	-0.87	-3.02	15.694	18.998	-0.87	-20.89	3.72	60	49.3	49.08
2690	34.34	-4.64	-1.33	-3.48	17.196	17.14	-1.33	-15.61	3.31	30	49.97	49.88

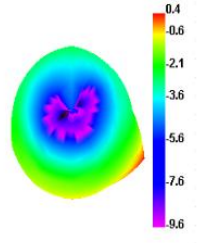
1700.000MHz



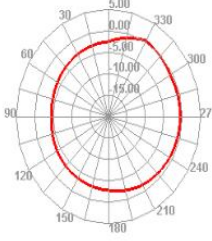
1700.000MHz H



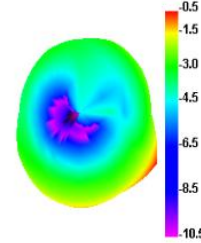
1766.000MHz



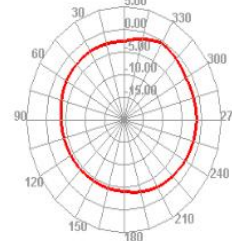
1766.000MHz H



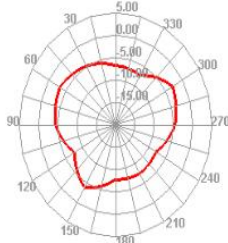
1832.000MHz



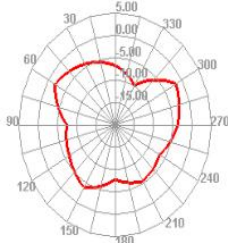
1832.000MHz H



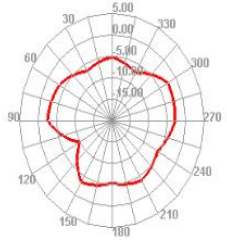
1700.000MHz E1



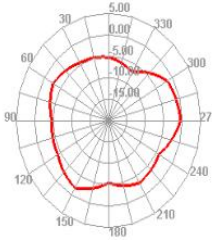
1700.000MHz E2



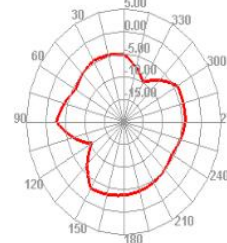
1766.000MHz E1



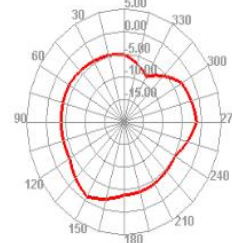
1766.000MHz E2



1832.000MHz E1



1832.000MHz E2

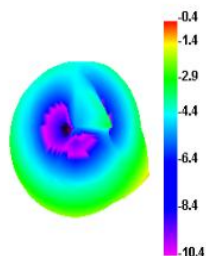


Gain & Efficiency

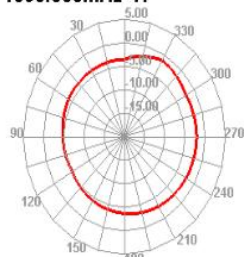
2/4G

Passive Test For 5G LTE												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
1700	33.62	-4.73	-0.76	-2.91	20.664	12.959	-0.76	-11.48	3.97	30	43.42	43.63
1766	44.57	-3.51	0.38	-1.77	23.808	20.767	0.38	-10.05	3.89	30	43.94	44.15
1832	39.18	-4.07	-0.51	-2.66	19.276	19.906	-0.51	-12.02	3.56	90	43.21	43.67
1898	36.66	-4.36	-0.44	-2.59	16.225	20.432	-0.44	-11.26	3.92	150	44.03	45.38
1964	36.73	-4.35	-0.72	-2.87	14.306	22.424	-0.72	-12.27	3.63	30	44.5	46.76
2030	48.47	-3.15	0.72	-1.43	16.696	31.771	0.72	-21.45	3.87	30	46.15	47.69
2096	43.03	-3.66	0.59	-1.56	12.3	30.727	0.59	-17.52	4.25	30	45.46	46.1
2162	34.35	-4.64	0.46	-1.69	10.41	23.936	0.46	-20.26	5.1	60	45	45.1
2228	41.74	-3.79	0.66	-1.49	12.48	29.255	0.66	-19.92	4.46	30	45.69	45.56
2294	45.52	-3.42	0.88	-1.27	12.041	33.48	0.88	-14.33	4.3	0	46.58	46.63
2360	43.88	-3.58	0.5	-1.65	12.192	31.686	0.5	-17.33	4.08	30	47.88	47.92
2426	43.55	-3.61	0.29	-1.86	13.367	30.183	0.29	-17.53	3.9	0	48.03	48.09
2492	44.67	-3.5	0.95	-1.2	16.304	28.362	0.95	-16.68	4.45	0	48.61	48.31
2558	35.12	-4.54	-0.82	-2.97	13.795	21.327	-0.82	-21.21	3.73	0	48.09	47.69
2624	34.69	-4.6	-0.87	-3.02	15.694	18.998	-0.87	-20.89	3.72	60	49.3	49.08
2690	34.34	-4.64	-1.33	-3.48	17.196	17.14	-1.33	-15.61	3.31	30	49.97	49.88

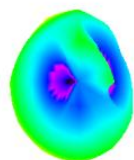
1898.000MHz



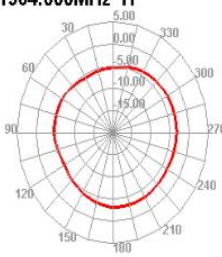
1898.000MHz H



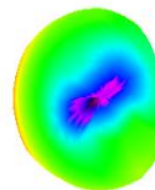
1964.000MHz



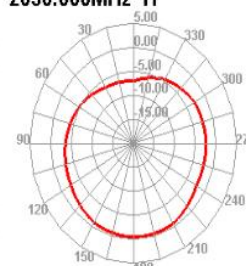
1964.000MHz H



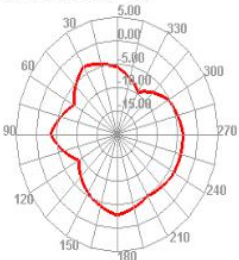
2030.000MHz



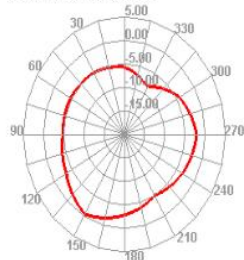
2030.000MHz H



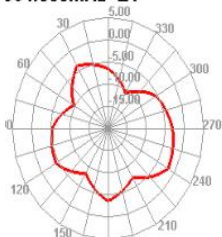
1898.000MHz E1



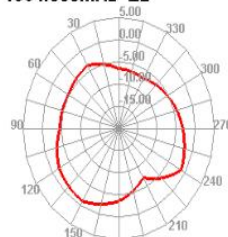
1898.000MHz E2



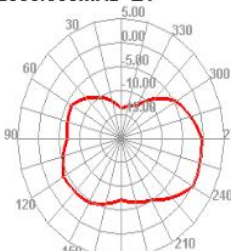
1964.000MHz E1



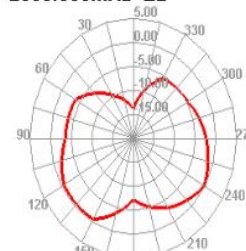
1964.000MHz E2



2030.000MHz E1



2030.000MHz E2

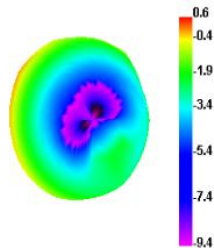


Gain & Efficiency

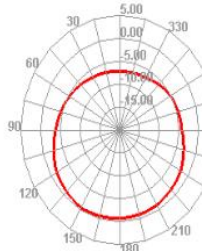
2/4G

Passive Test For 5G LTE												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
1700	33.62	-4.73	-0.76	-2.91	20.664	12.959	-0.76	-11.48	3.97	30	43.42	43.63
1766	44.57	-3.51	0.38	-1.77	23.808	20.767	0.38	-10.05	3.89	30	43.94	44.15
1832	39.18	-4.07	-0.51	-2.66	19.276	19.906	-0.51	-12.02	3.56	90	43.21	43.67
1898	36.66	-4.36	-0.44	-2.59	16.225	20.432	-0.44	-11.26	3.92	150	44.03	45.38
1964	36.73	-4.35	-0.72	-2.87	14.306	22.424	-0.72	-12.27	3.63	30	44.5	46.76
2030	48.47	-3.15	0.72	-1.43	16.696	31.771	0.72	-21.45	3.87	30	46.15	47.69
2096	43.03	-3.66	0.59	-1.56	12.3	30.727	0.59	-17.52	4.25	30	45.46	46.1
2162	34.35	-4.64	0.46	-1.69	10.41	23.936	0.46	-20.26	5.1	60	45	45.1
2228	41.74	-3.79	0.66	-1.49	12.48	29.255	0.66	-19.92	4.46	30	45.69	45.56
2294	45.52	-3.42	0.88	-1.27	12.041	33.48	0.88	-14.33	4.3	0	46.58	46.63
2360	43.88	-3.58	0.5	-1.65	12.192	31.686	0.5	-17.33	4.08	30	47.88	47.92
2426	43.55	-3.61	0.29	-1.86	13.367	30.183	0.29	-17.53	3.9	0	48.03	48.09
2492	44.67	-3.5	0.95	-1.2	16.304	28.362	0.95	-16.68	4.45	0	48.61	48.31
2558	35.12	-4.54	-0.82	-2.97	13.795	21.327	-0.82	-21.21	3.73	0	48.09	47.69
2624	34.69	-4.6	-0.87	-3.02	15.694	18.998	-0.87	-20.89	3.72	60	49.3	49.08
2690	34.34	-4.64	-1.33	-3.48	17.196	17.14	-1.33	-15.61	3.31	30	49.97	49.88

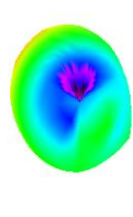
2096.000MHz



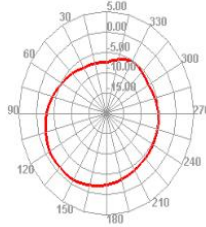
2096.000MHz H



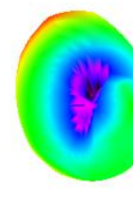
2162.000MHz



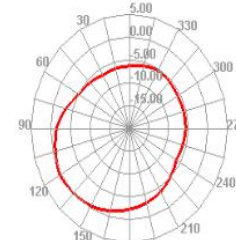
2162.000MHz H



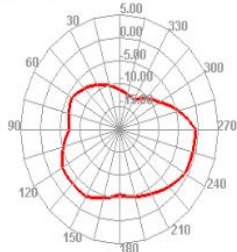
2228.000MHz



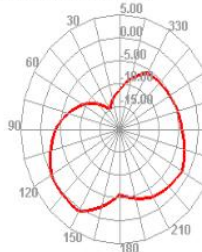
2228.000MHz H



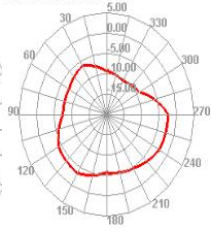
2096.000MHz E1



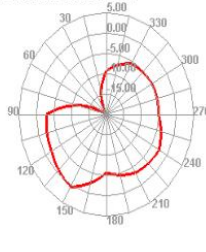
2096.000MHz E2



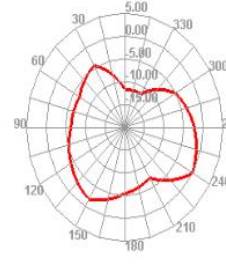
2162.000MHz E1



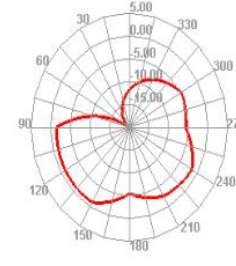
2162.000MHz E2



2228.000MHz E1



2228.000MHz E2

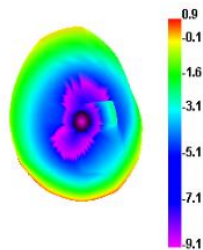


Gain & Efficiency

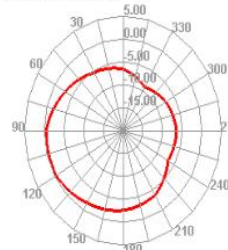
2/4 G

Passive Test For 5G LTE												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
1700	33.62	-4.73	-0.76	-2.91	20.664	12.959	-0.76	-11.48	3.97	30	43.42	43.63
1766	44.57	-3.51	0.38	-1.77	23.808	20.767	0.38	-10.05	3.89	30	43.94	44.15
1832	39.18	-4.07	-0.51	-2.66	19.276	19.906	-0.51	-12.02	3.56	90	43.21	43.67
1898	36.66	-4.36	-0.44	-2.59	16.225	20.432	-0.44	-11.26	3.92	150	44.03	45.38
1964	36.73	-4.35	-0.72	-2.87	14.306	22.424	-0.72	-12.27	3.63	30	44.5	46.76
2030	48.47	-3.15	0.72	-1.43	16.696	31.771	0.72	-21.45	3.87	30	46.15	47.69
2096	43.03	-3.66	0.59	-1.56	12.3	30.727	0.59	-17.52	4.25	30	45.46	46.1
2162	34.35	-4.64	0.46	-1.69	10.41	23.936	0.46	-20.26	5.1	60	45	45.1
2228	41.74	-3.79	0.66	-1.49	12.48	29.255	0.66	-19.92	4.46	30	45.69	45.56
2294	45.52	-3.42	0.88	-1.27	12.041	33.48	0.88	-14.33	4.3	0	46.58	46.63
2360	43.88	-3.58	0.5	-1.65	12.192	31.686	0.5	-17.33	4.08	30	47.88	47.92
2426	43.55	-3.61	0.29	-1.86	13.367	30.183	0.29	-17.53	3.9	0	48.03	48.09
2492	44.67	-3.5	0.95	-1.2	16.304	28.362	0.95	-16.68	4.45	0	48.61	48.31
2558	35.12	-4.54	-0.82	-2.97	13.795	21.327	-0.82	-21.21	3.73	0	48.09	47.69
2624	34.69	-4.6	-0.87	-3.02	15.694	18.998	-0.87	-20.89	3.72	60	49.3	49.08
2690	34.34	-4.64	-1.33	-3.48	17.196	17.14	-1.33	-15.61	3.31	30	49.97	49.88

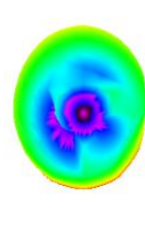
2294.000MHz



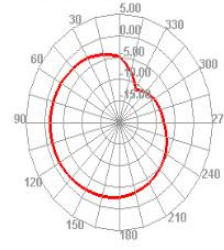
2294.000MHz H



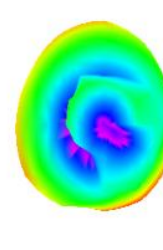
2360.000MHz



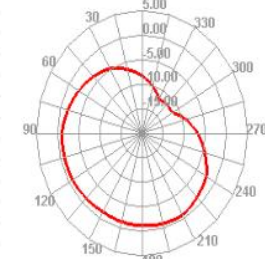
2360.000MHz H



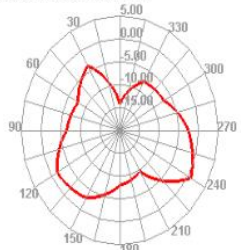
2426.000MHz



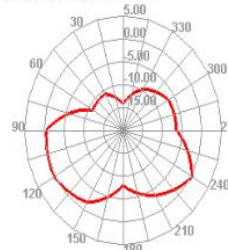
2426.000MHz H



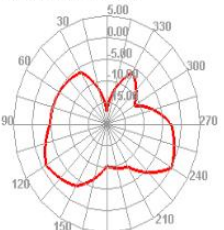
2294.000MHz E1



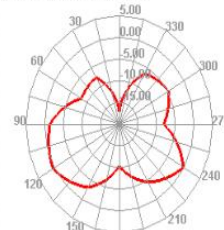
2294.000MHz E2



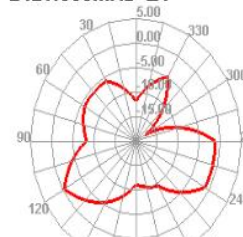
2360.000MHz E1



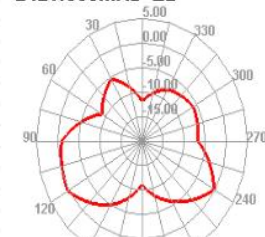
2360.000MHz E2



2426.000MHz E1



2426.000MHz E2

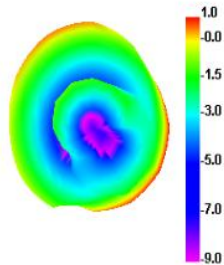


Gain & Efficiency

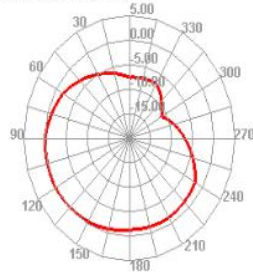
2/4G

Passive Test For 5G LTE												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
1700	33.62	-4.73	-0.76	-2.91	20.664	12.959	-0.76	-11.48	3.97	30	43.42	43.63
1766	44.57	-3.51	0.38	-1.77	23.808	20.767	0.38	-10.05	3.89	30	43.94	44.15
1832	39.18	-4.07	-0.51	-2.66	19.276	19.906	-0.51	-12.02	3.56	90	43.21	43.67
1898	36.66	-4.36	-0.44	-2.59	16.225	20.432	-0.44	-11.26	3.92	150	44.03	45.38
1964	36.73	-4.35	-0.72	-2.87	14.306	22.424	-0.72	-12.27	3.63	30	44.5	46.76
2030	48.47	-3.15	0.72	-1.43	16.696	31.771	0.72	-21.45	3.87	30	46.15	47.69
2096	43.03	-3.66	0.59	-1.56	12.3	30.727	0.59	-17.52	4.25	30	45.46	46.1
2162	34.35	-4.64	0.46	-1.69	10.41	23.936	0.46	-20.26	5.1	60	45	45.1
2228	41.74	-3.79	0.66	-1.49	12.48	29.255	0.66	-19.92	4.46	30	45.69	45.56
2294	45.52	-3.42	0.88	-1.27	12.041	33.48	0.88	-14.33	4.3	0	46.58	46.63
2360	43.88	-3.58	0.5	-1.65	12.192	31.686	0.5	-17.33	4.08	30	47.88	47.92
2426	43.55	-3.61	0.29	-1.86	13.367	30.183	0.29	-17.53	3.9	0	48.03	48.09
2492	44.67	-3.5	0.95	-1.2	16.304	28.362	0.95	-16.68	4.45	0	48.61	48.31
2558	35.12	-4.54	-0.82	-2.97	13.795	21.327	-0.82	-21.21	3.73	0	48.09	47.69
2624	34.69	-4.6	-0.87	-3.02	15.694	18.998	-0.87	-20.89	3.72	60	49.3	49.08
2690	34.34	-4.64	-1.33	-3.48	17.196	17.14	-1.33	-15.61	3.31	30	49.97	49.88

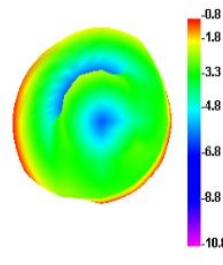
2492.000MHz



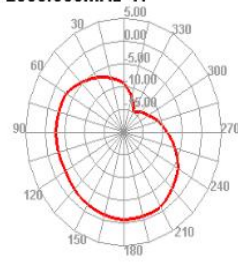
2492.000MHz H



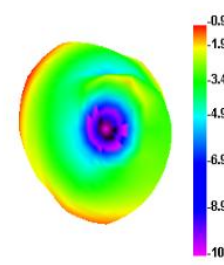
2558.000MHz



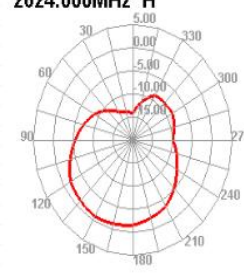
2558.000MHz H



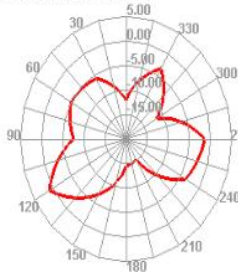
2624.000MHz



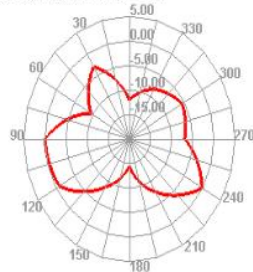
2624.000MHz H



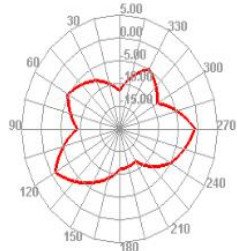
2492.000MHz E1



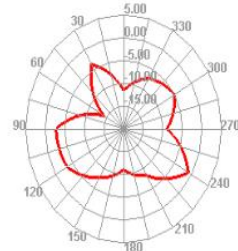
2492.000MHz E2



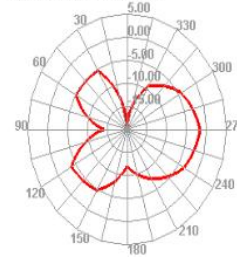
2558.000MHz E1



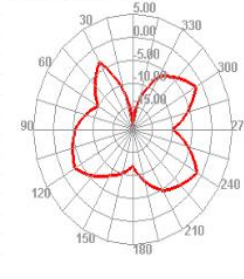
2558.000MHz E2



2624.000MHz E1



2624.000MHz E2

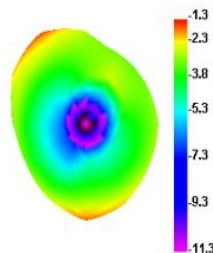


Gain & Efficiency

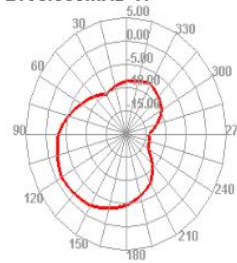
2/4G

Passive Test For 5G LTE												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
1700	33.62	-4.73	-0.76	-2.91	20.664	12.959	-0.76	-11.48	3.97	30	43.42	43.63
1766	44.57	-3.51	0.38	-1.77	23.808	20.767	0.38	-10.05	3.89	30	43.94	44.15
1832	39.18	-4.07	-0.51	-2.66	19.276	19.906	-0.51	-12.02	3.56	90	43.21	43.67
1898	36.66	-4.36	-0.44	-2.59	16.225	20.432	-0.44	-11.26	3.92	150	44.03	45.38
1964	36.73	-4.35	-0.72	-2.87	14.306	22.424	-0.72	-12.27	3.63	30	44.5	46.76
2030	48.47	-3.15	0.72	-1.43	16.696	31.771	0.72	-21.45	3.87	30	46.15	47.69
2096	43.03	-3.66	0.59	-1.56	12.3	30.727	0.59	-17.52	4.25	30	45.46	46.1
2162	34.35	-4.64	0.46	-1.69	10.41	23.936	0.46	-20.26	5.1	60	45	45.1
2228	41.74	-3.79	0.66	-1.49	12.48	29.255	0.66	-19.92	4.46	30	45.69	45.56
2294	45.52	-3.42	0.88	-1.27	12.041	33.48	0.88	-14.33	4.3	0	46.58	46.63
2360	43.88	-3.58	0.5	-1.65	12.192	31.686	0.5	-17.33	4.08	30	47.88	47.92
2426	43.55	-3.61	0.29	-1.86	13.367	30.183	0.29	-17.53	3.9	0	48.03	48.09
2492	44.67	-3.5	0.95	-1.2	16.304	28.362	0.95	-16.68	4.45	0	48.61	48.31
2558	35.12	-4.54	-0.82	-2.97	13.795	21.327	-0.82	-21.21	3.73	0	48.09	47.69
2624	34.69	-4.6	-0.87	-3.02	15.694	18.998	-0.87	-20.89	3.72	60	49.3	49.08
2690	34.34	-4.64	-1.33	-3.48	17.196	17.14	-1.33	-15.61	3.31	30	49.97	49.88

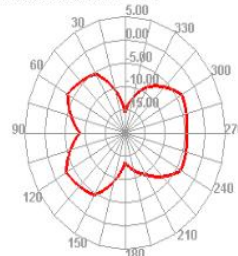
2690.000MHz



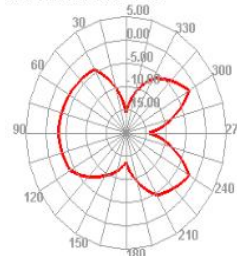
2690.000MHz H



2690.000MHz E1



2690.000MHz E2





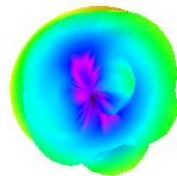
Gain & Efficiency

GPS

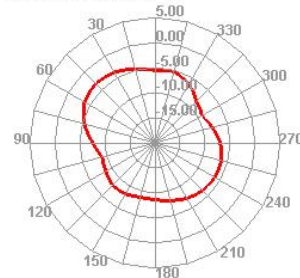
Passive Test For GPS-RB										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
1500	32.5	-3.14	2.8	0.65	16.66	31.838	0.8	-20.4	43.83	44.08
1525	32.86	-3.2	0.59	0.44	15.309	32.552	0.59	-21.47	43.89	43.93
1550	43.28	-3.64	1.82	-0.33	12.607	30.669	1.82	-15.36	44.11	44.11
1575	38.85	-4.58	0.81	-1.34	9.312	25.539	0.81	-19.56	44.82	44.78
1600	34.74	-4.59	0.67	-1.48	10.102	24.642	0.67	-20.95	46.1	45.91

1500.00MHz - 1600.00MHz Gain

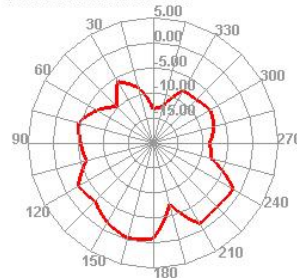
1575.000MHz



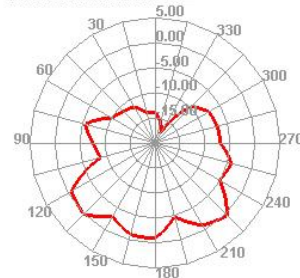
1575.000MHz H



1575.000MHz E1



1575.000MHz E2





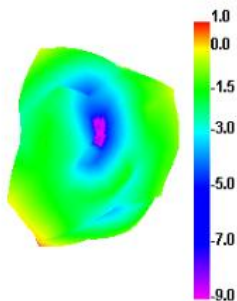
Gain & Efficiency

BT/WIFI&GPS

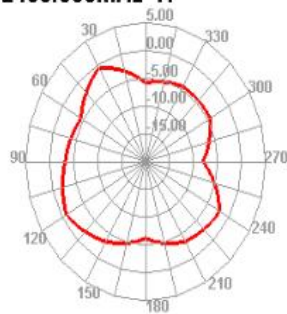
顺达成科技

Passive Test For 2.4G												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
2400	43.54	-3.61	1.03	-1.12	20.581	22.962	1.03	-15.9	4.64	15	48.93	49.09
2425	45.48	-2.97	1.96	-0.19	23.926	26.555	1.96	-16.48	4.93	15	49.09	49.22
2450	36.53	-4.37	0.87	-1.28	17.136	19.397	0.87	-19.74	5.24	15	49.25	49.27
2475	35.97	-4.44	0.52	-1.63	17.205	18.763	0.52	-23.22	4.96	75	49.98	49.91
2500	36.94	-4.32	0.32	-1.83	17.676	19.267	0.32	-18.36	4.64	75	49.71	49.62

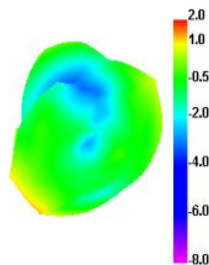
2400.000MHz



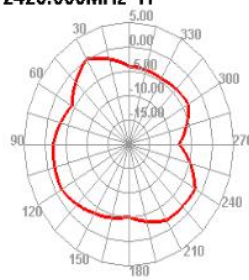
2400.000MHz H



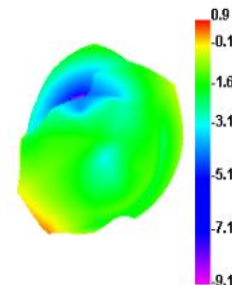
2425.000MHz



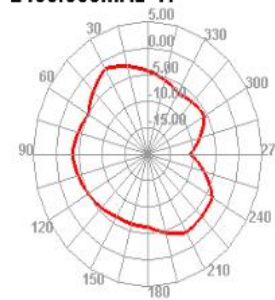
2425.000MHz H



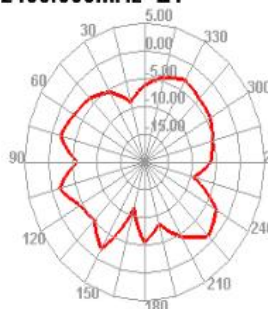
2450.000MHz



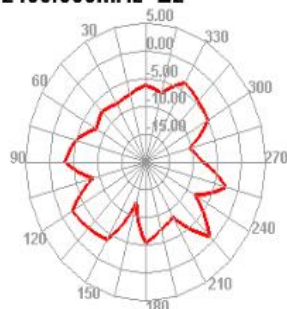
2450.000MHz H



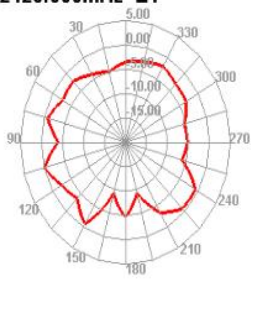
2400.000MHz E1



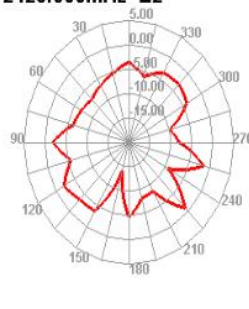
2400.000MHz E2



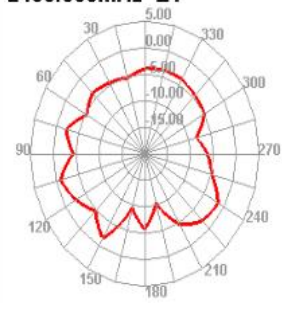
2425.000MHz E1



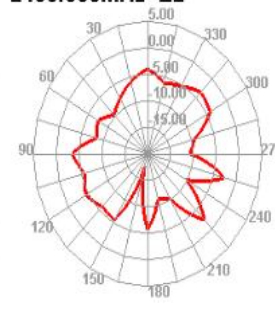
2425.000MHz E2



2450.000MHz E1



2450.000MHz E2





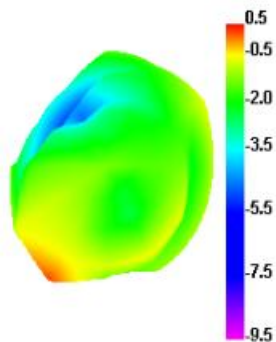
Gain & Efficiency

BT/WIFI

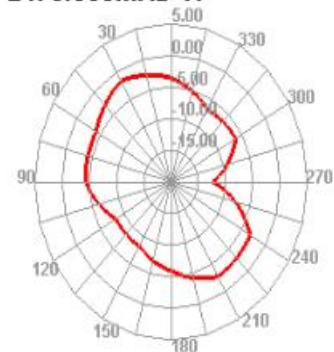
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Passive Test For 2.4G												
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivity (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
2400	43.54	-3.61	1.03	-1.12	20.581	22.962	1.03	-15.9	4.64	15	48.93	49.09
2425	45.48	-2.97	1.96	-0.19	23.926	26.555	1.96	-16.48	4.93	15	49.09	49.22
2450	36.53	-4.37	0.87	-1.28	17.136	19.397	0.87	-19.74	5.24	15	49.25	49.27
2475	35.97	-4.44	0.52	-1.63	17.205	18.763	0.52	-23.22	4.96	75	49.98	49.91
2500	36.94	-4.32	0.32	-1.83	17.676	19.267	0.32	-18.36	4.64	75	49.71	49.62

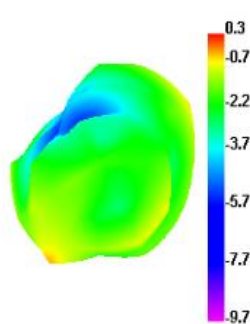
2475.000MHz



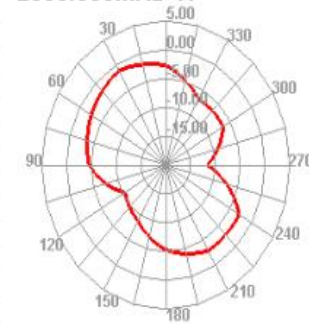
2475.000MHz H



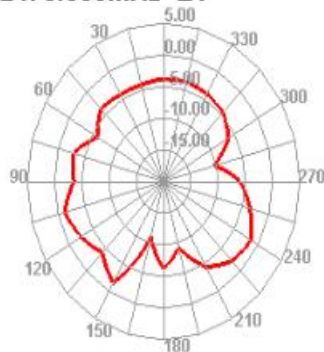
2500.000MHz



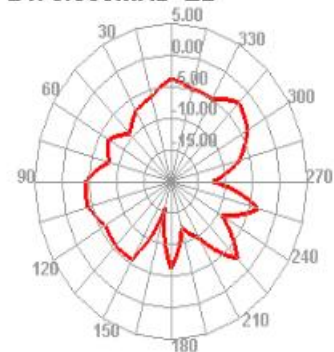
2500.000MHz H



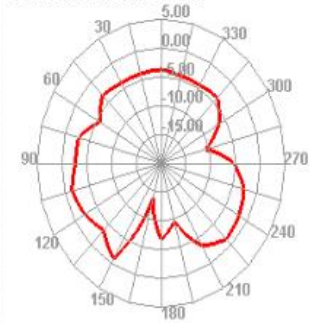
2475.000MHz E1



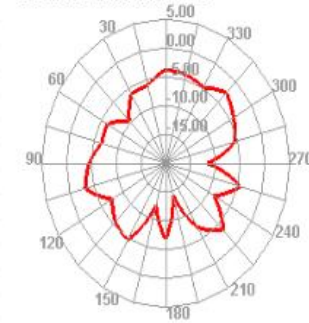
2475.000MHz E2



2500.000MHz E1



2500.000MHz E2





Gain & Efficiency

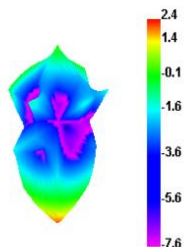
5GWIFI

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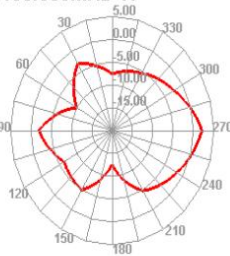
Passive Test For 5.8G

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBD)	UHIS (%)	DHIS (%)	Max (dB)	Min (dB)	irectivit (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
5150	42.13	-3.75	2.36	0.21	16.688	25.441	2.36	-12.69	6.11	0	58.6	58.01
5250	36.5	-4.38	1.37	-0.78	16.245	20.256	1.37	-11.52	5.75	30	58.53	57.74
5350	33.61	-4.73	1.07	-1.08	14.487	19.127	1.07	-15.18	5.81	60	57.99	57.08
5450	38.75	-4.12	2.03	-0.12	14.442	24.308	2.03	-15.14	6.15	0	59.19	57.9
5550	43.16	-3.65	2.14	-0.01	15.599	27.564	2.14	-19.43	5.79	60	60.21	58.81
5650	45.41	-3.43	2.1	-0.05	16.711	28.699	2.1	-20.47	5.53	0	60.31	59.42
5750	46.58	-3.32	2.17	0.02	17.996	28.581	2.17	-18	5.49	30	60.88	60.28
5850	44.83	-3.48	2.78	0.63	18.496	26.336	2.78	-23.77	6.27	30	61.09	60.41

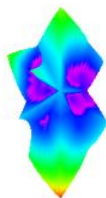
5150.000MHz



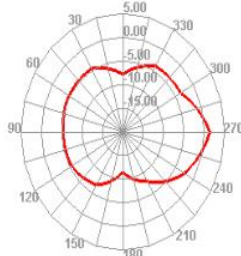
5150.000MHz H



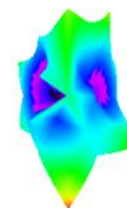
5250.000MHz



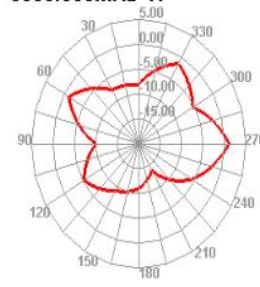
5250.000MHz H



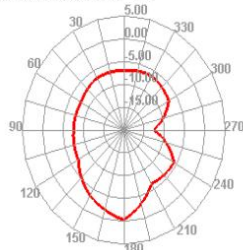
5350.000MHz



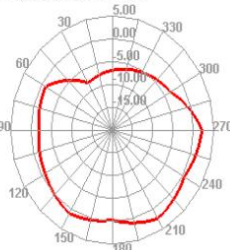
5350.000MHz H



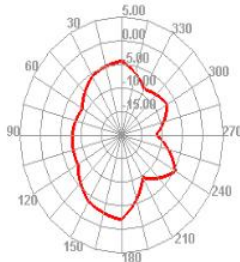
5150.000MHz E1



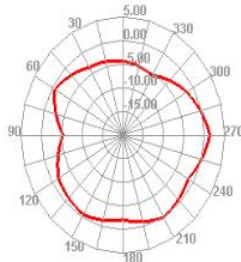
5150.000MHz E2



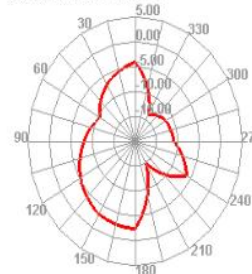
5250.000MHz E1



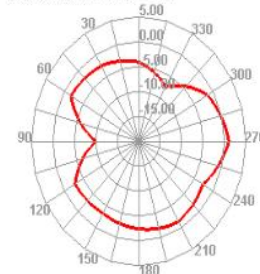
5250.000MHz E2



5350.000MHz E1



5350.000MHz E2





Gain & Efficiency

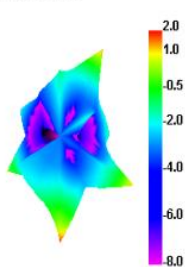
5GWIFI

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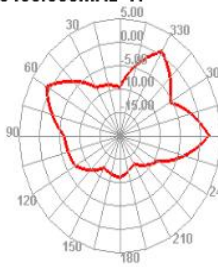
Passive Test For 5.8G

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBD)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivit (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
5150	42.13	-3.75	2.36	0.21	16.688	25.441	2.36	-12.69	6.11	0	58.6	58.01
5250	36.5	-4.38	1.37	-0.78	16.245	20.256	1.37	-11.52	5.75	30	58.53	57.74
5350	33.61	-4.73	1.07	-1.08	14.487	19.127	1.07	-15.18	5.81	60	57.99	57.08
5450	38.75	-4.12	2.03	-0.12	14.442	24.308	2.03	-15.14	6.15	0	59.19	57.9
5550	43.16	-3.65	2.14	-0.01	15.599	27.564	2.14	-19.43	5.79	60	60.21	58.81
5650	45.41	-3.43	2.1	-0.05	16.711	28.699	2.1	-20.47	5.53	0	60.31	59.42
5750	46.58	-3.32	2.17	0.02	17.996	28.581	2.17	-18	5.49	30	60.88	60.28
5850	44.83	-3.48	2.78	0.63	18.496	26.336	2.78	-23.77	6.27	30	61.09	60.41

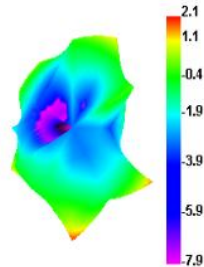
5450.000MHz



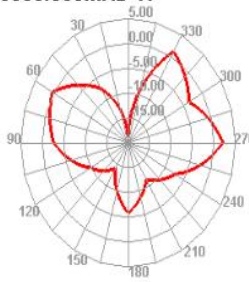
5450.000MHz H



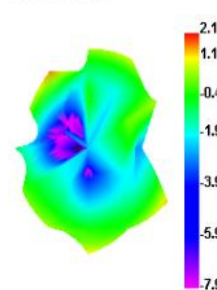
5550.000MHz



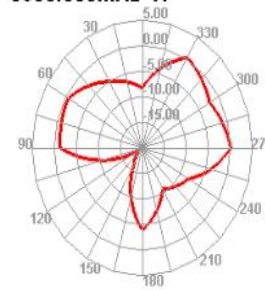
5550.000MHz H



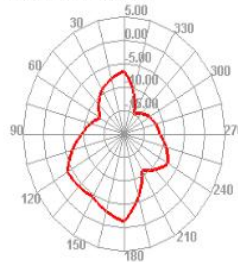
5650.000MHz



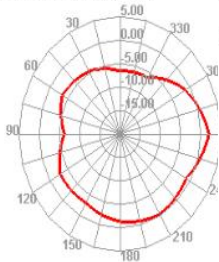
5650.000MHz H



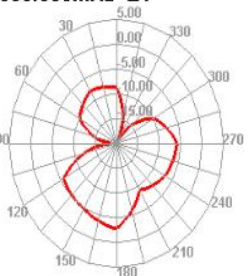
5450.000MHz E1



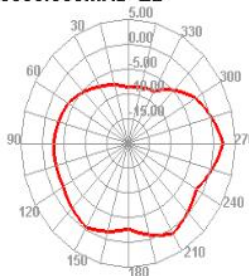
5450.000MHz E2



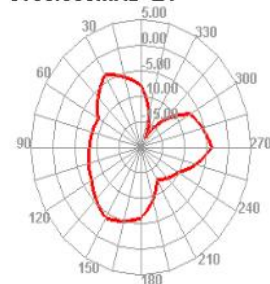
5550.000MHz E1



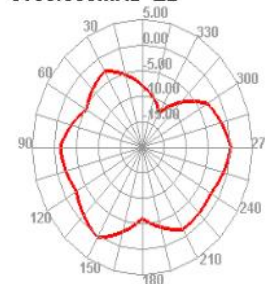
5550.000MHz E2



5650.000MHz E1



5650.000MHz E2





Gain & Efficiency

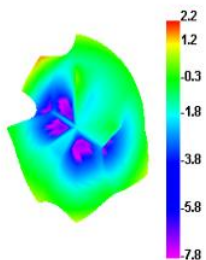
5GWIFI

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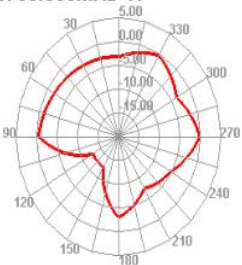
Passive Test For 5.8G

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	irectivit (dBi)	Beamwidth (3dB)	AttH (dB)	AttV (dB)
5150	42.13	-3.75	2.36	0.21	16.688	25.441	2.36	-12.69	6.11	0	58.6	58.01
5250	36.5	-4.38	1.37	-0.78	16.245	20.256	1.37	-11.52	5.75	30	58.53	57.74
5350	33.61	-4.73	1.07	-1.08	14.487	19.127	1.07	-15.18	5.81	60	57.99	57.08
5450	38.75	-4.12	2.03	-0.12	14.442	24.308	2.03	-15.14	6.15	0	59.19	57.9
5550	43.16	-3.65	2.14	-0.01	15.599	27.564	2.14	-19.43	5.79	60	60.21	58.81
5650	45.41	-3.43	2.1	-0.05	16.711	28.699	2.1	-20.47	5.53	0	60.31	59.42
5750	46.58	-3.32	2.17	0.02	17.996	28.581	2.17	-18	5.49	30	60.88	60.28
5850	44.83	-3.48	2.78	0.63	18.496	26.336	2.78	-23.77	6.27	30	61.09	60.41

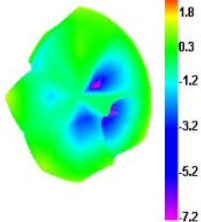
5750.000MHz



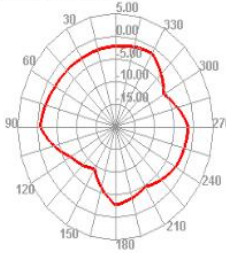
5750.000MHz H



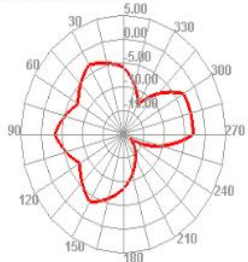
5850.000MHz



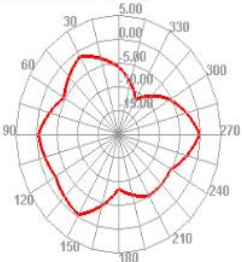
5850.000MHz H



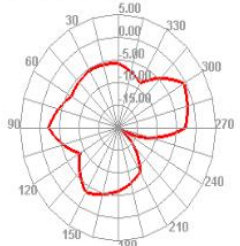
5750.000MHz E1



5750.000MHz E2



5850.000MHz E1



5850.000MHz E2

