



# SUB-6G Antenna

## LTS-TC-931NF



Frequency :617~5925MHZ

Gain : 4dBi

Connector N/F

V.S.W.R : <1.5:1

Impedance : 50 ohm

Weight: 100g

Material : ABS/ COPPER

Polarization: Vertical

Color: Black

Mounting : L bracket(Optional)

Temperature:-20°C to + 60°C

Max. Power: 50W

Dimension:  $\varnothing$ 83 x 30mm

EVERCOM COMMUNICAITON TECHNOLOGY CO., LTD.

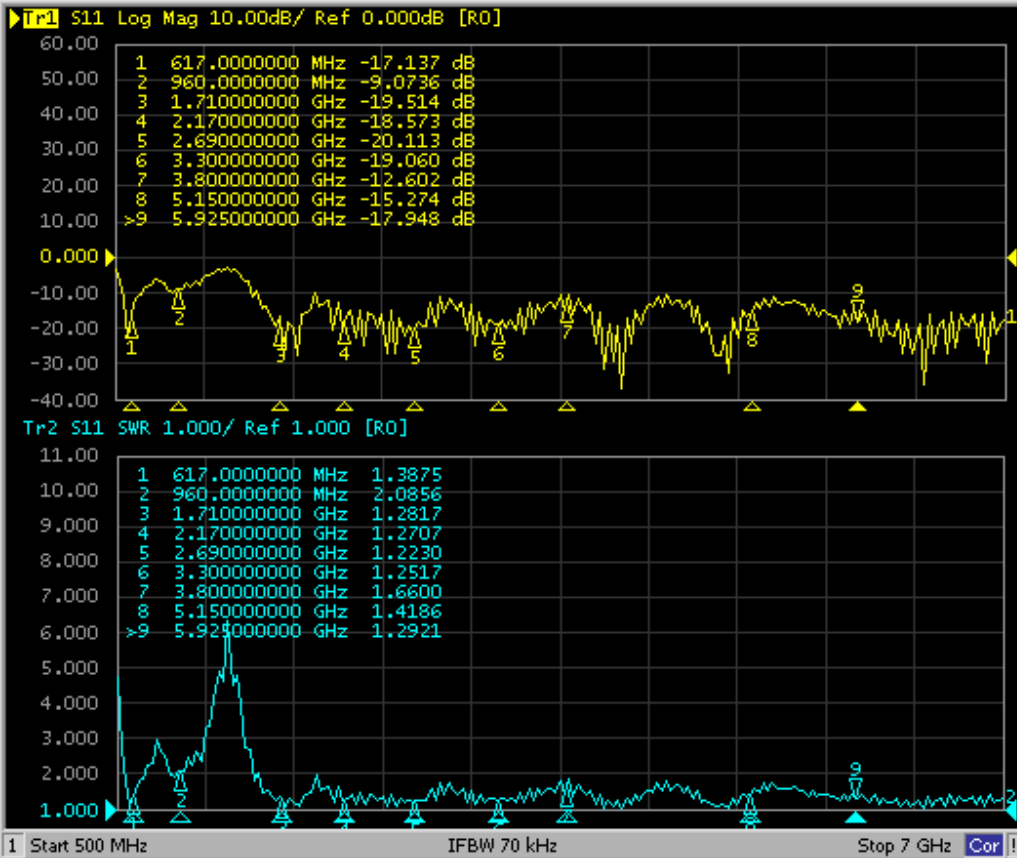
No.108 Jiesin St. Taoyuan District Taoyuan City 33063, Taiwan R.O.C.

Tel: +886-3- 376- 5678 Fax: +886-3- 376- 5319 E-Mail: [service@evercomtech.com](mailto:service@evercomtech.com)



EVERCOM COMMUNICATION TECHNOLOGY CO., LTD		CHECKED BY	APPROVAL BY	DESIGNED BY	SCALE	UNIT
MODEL NAME	MODEL NO.	UMB-TC931NF-AAT	<i>Ben</i> 20190507	W.C.W 2018.04.19	1:1	mm

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State



Response (Open)  
85033E

Select Port  
1 \*

Open  
Open

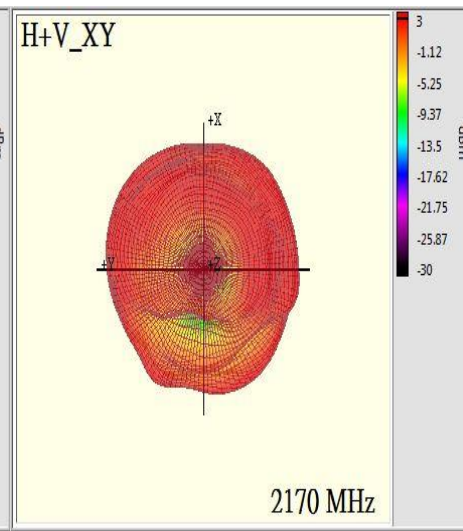
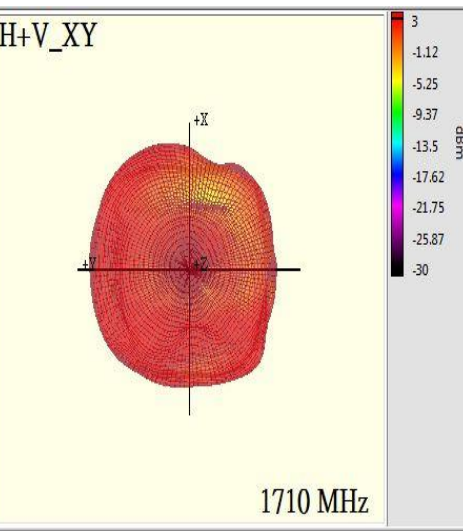
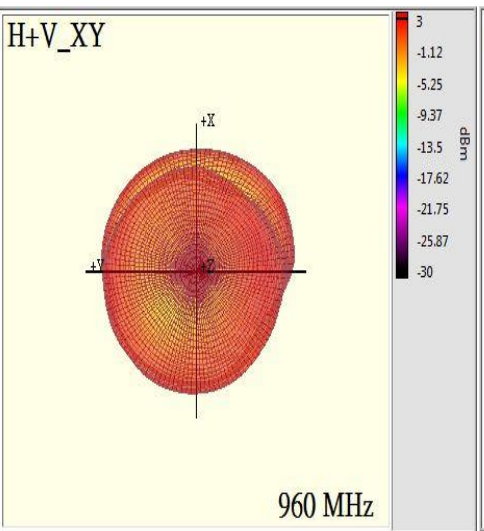
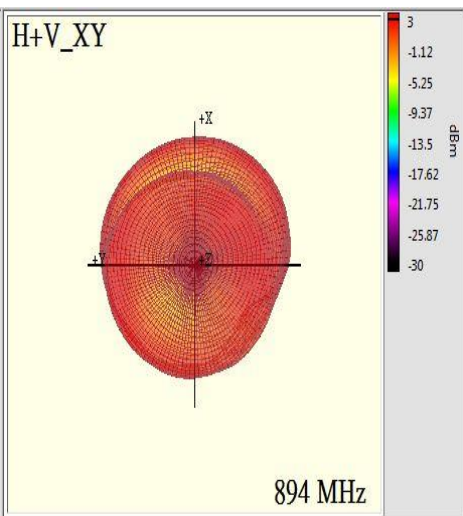
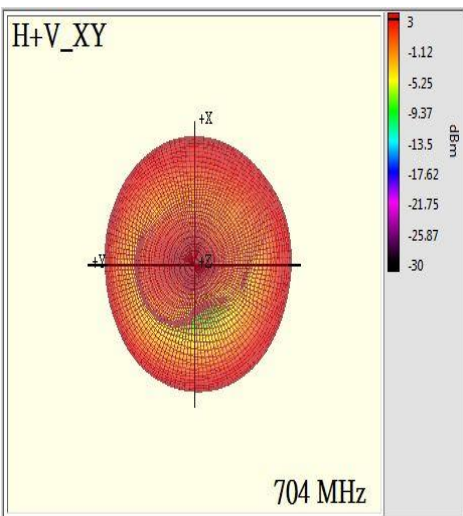
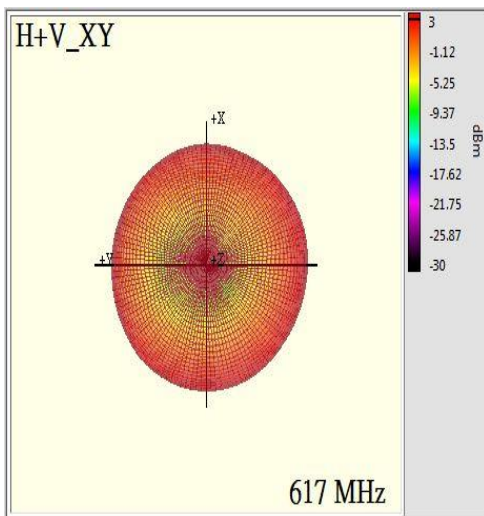
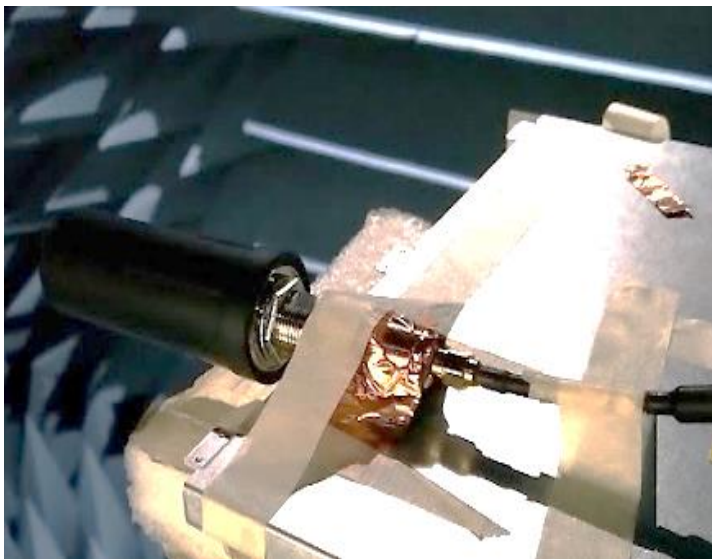
Load (Optional)  
Broadband

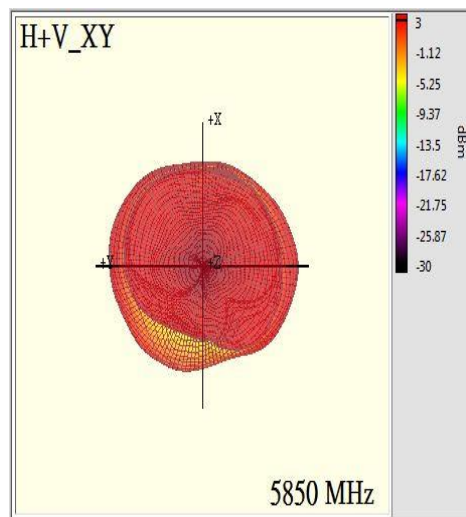
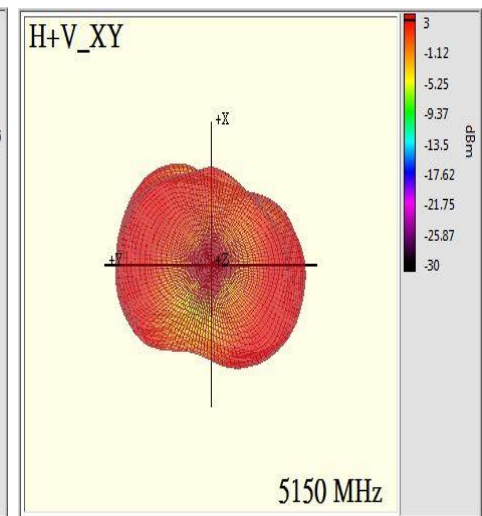
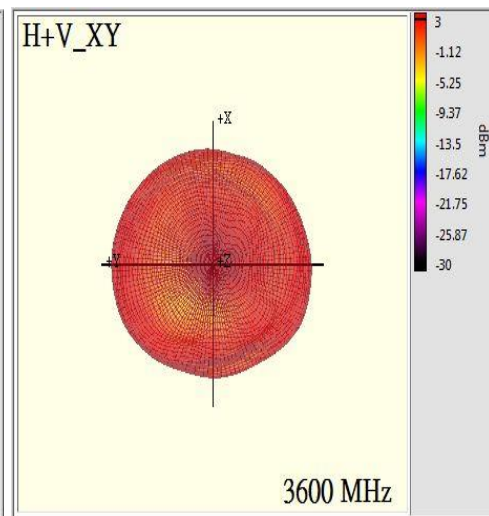
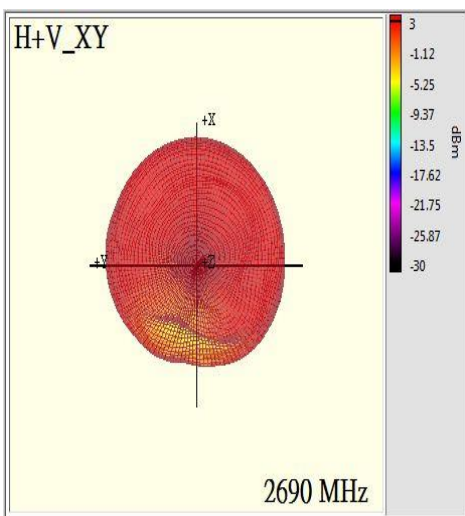
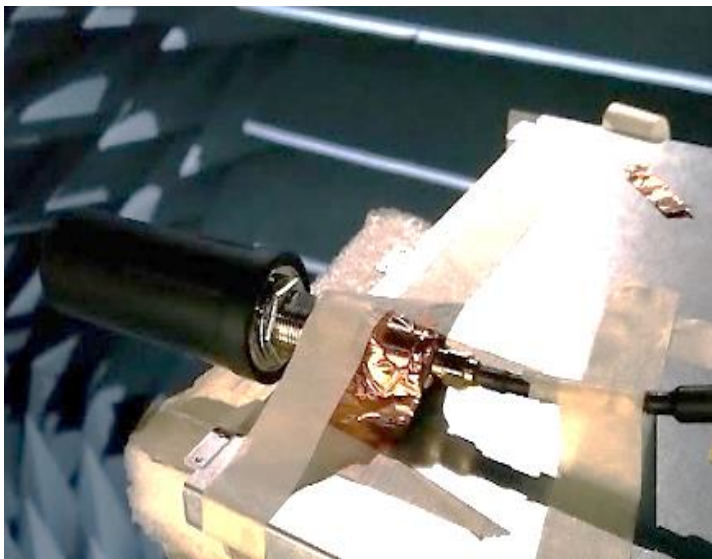
Done

Cancel

Return

1 Start 500 MHz IFBW 70 kHz Stop 7 GHz Cor | Meas Stop ExtRef Ready Svc 2022-03-15 09:02





Frequency (MHz)	600	617	625	650	675	699	704	710	716	734	740
Directivity (dBi)	3.91	4.026	4.035	3.956	3.887	3.606	3.463	3.525	3.658	3.999	4.128
Efficiency (dB)	-2.058	-1.855	-1.839	-1.497	-1.074	-0.676	-0.849	-0.855	-0.641	-0.525	-0.399
Efficiency (%)	62.266	65.234	65.48	70.84	78.089	85.582	82.245	82.126	86.285	88.608	91.215
Gain (dBi)	1.853	2.171	2.196	2.459	2.813	2.93	2.614	2.67	3.018	3.474	3.729
746	751	756	777	782	787	791	806	821			
4.301	4.411	4.52	4.504	4.402	4.303	4.229	3.936	4.044			
-0.521	-0.401	-0.527	-0.432	-0.41	-0.315	-0.293	-0.957	-1.289			
88.686	91.172	88.572	90.539	90.996	92.998	93.484	80.231	74.325			
3.779	4.009	3.993	4.072	3.993	3.987	3.937	2.979	2.755			
824	836	849	862	869	880	894	900	915	925	940	960
4.068	4.066	4.003	3.979	4.032	4.117	4.172	4.19	4.127	4.063	4.268	4.196
-1.266	-1.48	-1.673	-1.548	-1.5	-1.343	-1.533	-1.613	-2.207	-2.469	-2.696	-2.904
74.71	71.125	68.023	70.021	70.791	73.398	70.26	68.98	60.161	56.638	53.759	51.241
2.802	2.587	2.329	2.431	2.532	2.773	2.639	2.577	1.921	1.594	1.572	1.292
Frequency (MHz)	1710	1730	1750	1770	1785	1805	1840	1850	1880	1910	
Directivity (dBi)	3.328	3.328	3.349	3.424	3.442	3.525	3.916	4.022	4.192	4.558	
Efficiency (dB)	-1.707	-1.656	-1.587	-1.554	-1.638	-1.705	-1.728	-1.783	-1.948	-1.921	
Efficiency (%)	67.507	68.29	69.391	69.92	68.579	67.528	67.179	66.321	63.86	64.255	
Gain (dBi)	1.622	1.672	1.762	1.87	1.803	1.82	2.188	2.239	2.244	2.637	
1920	1930	1950	1960	1980	1990	2010	2018	2025	2110		
4.689	4.808	4.87	5.038	5.027	4.962	4.8	4.656	4.629	3.799		
-1.82	-1.719	-1.687	-1.688	-1.679	-1.711	-1.934	-1.981	-2	-1.659		
65.772	67.306	67.813	67.801	67.939	67.44	64.066	63.378	63.091	68.248		
2.869	3.089	3.183	3.35	3.349	3.251	2.866	2.676	2.629	2.14		
Frequency (MHz)	3400	3500	3600	3700	3800						
Directivity (dBi)	3.312	3.251	3.687	3.888	3.998						
Efficiency (dB)	-1.896	-1.937	-2.064	-2.097	-2.151						
Efficiency (%)	64.624	64.014	62.177	61.697	60.936						
Gain (dBi)	1.416	1.314	1.623	1.791	1.846						
5150	5250	5350	5470	5600	5725	5850					
5.208	5.123	4.936	4.822	4.763	4.782	5.123					
-2.795	-3.208	-3.32	-2.354	-2.305	-1.901	-1.718					
52.54	47.771	46.558	58.163	58.823	64.546	67.327					
2.413	1.914	1.616	2.469	2.459	2.881	3.405					

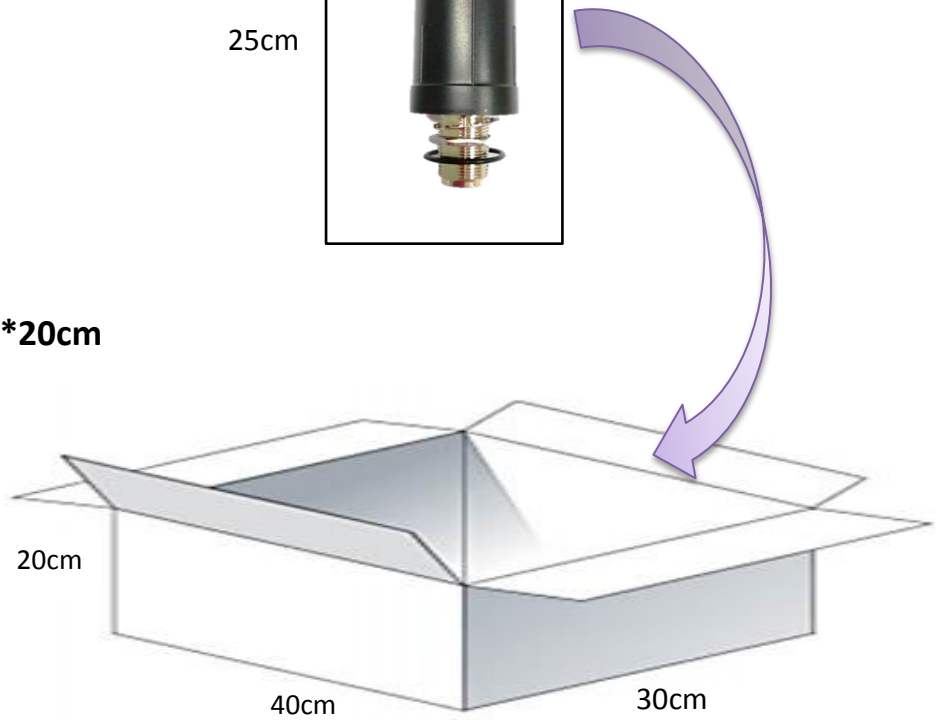


# Packaging

Antenna pack in a poly bag

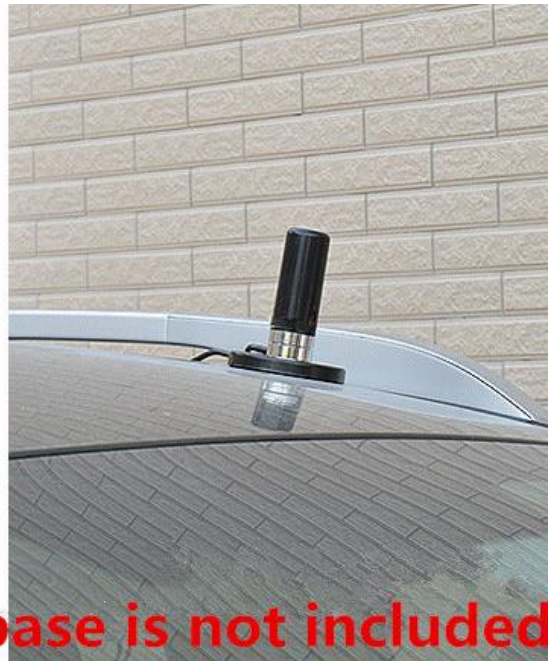
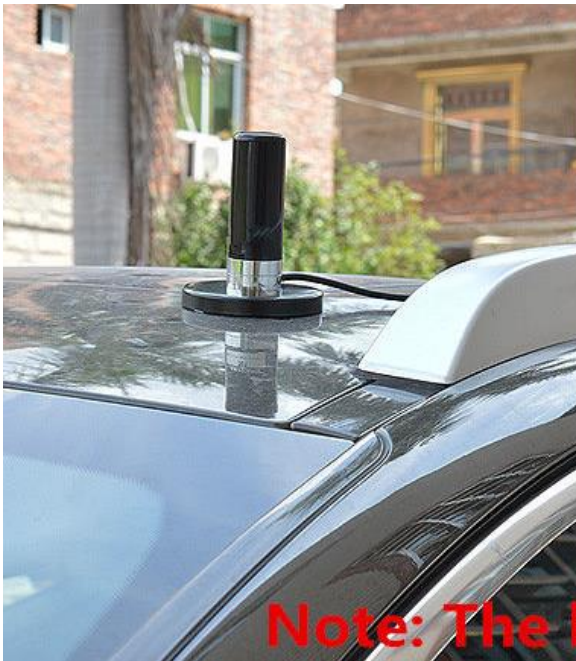


100 PCS Per Carton  
Carton Dimensions:40\*30\*20cm





# Antenna Applications



**Note: The base is not included**

