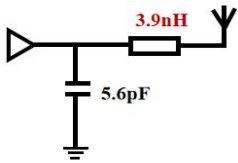
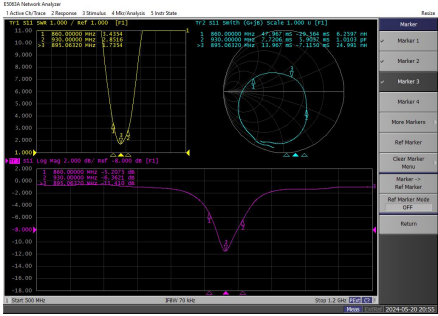
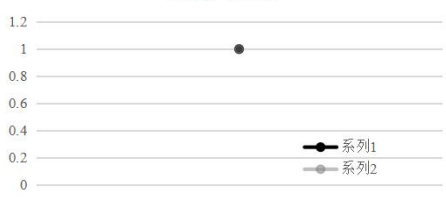
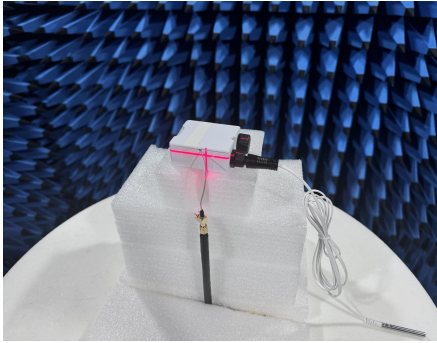
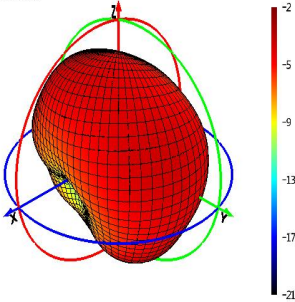


TS20X Antenna Report	
Company information	Xiamen Milesight IoT Co., Ltd. Add: Building C09, Software Park Phase III, Xiamen 361024, Fujian,China
Outside view	
Model	TS20X Antenna
Antenna size	42×21×1.2mm3
Antenna type	PCB
Frequency band	860-930MHz
Mainboard S/N	6809E1900299
Building-out circuit	 L9=3.9nH; C31=5.6pF
Impedance characteristic	
Efficiency	Efficiency (%) 
Gain	Gain (dBi) 

Test pattern	
	Freq=900MHz
Directional diagram	MAX:-2.63dBi MIN:-21.69dBi 

B868&915	Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Frequency (MHz)	860	865	870	875	880	885	890	895	900	905	910	915	920	925	930
	Gain (dBi)	-4.29	-3.85	-3.52	-3.33	-3.3	-3.17	-3.17	-2.98	-2.63	-2.4	-2.44	-2.78	-2.83	-3.12	-3.38
	Efficiency (dB)	-4.75	-4.43	-4.27	-4.18	-4.28	-4.38	-4.58	-4.42	-4.08	-3.83	-3.83	-4.32	-4.52	-4.91	-5.23
	Efficiency (%)	33.49	36.02	37.37	38.19	37.35	36.47	34.83	36.15	39.13	41.44	41.36	36.96	35.35	32.31	30.01