



Sample Confirmation Letter

Applicant	SHENZHEN STC TECHNOLOGY CO.LTD		Project Name	TS34	
Part Name	433M Transmission antenna spring		frequency range	433±5MHz	
Part Number	DS-T433E15-07-A		edition	R:A	
Sample type	built-in		Issue Date	2024.05.09	
Prepared by		Reviewed by		Approve	
Customer Approval	☐ Fully recognized, can be purchased in large quantities witnessing:_____ ☐ Limited edition recognition, limit_____, reason: _____				
Address	East Side, 3rd Floor, 2 Building, No 49 YueXing Road, FuCheng Street, LongHua District, ShenZhen, China				

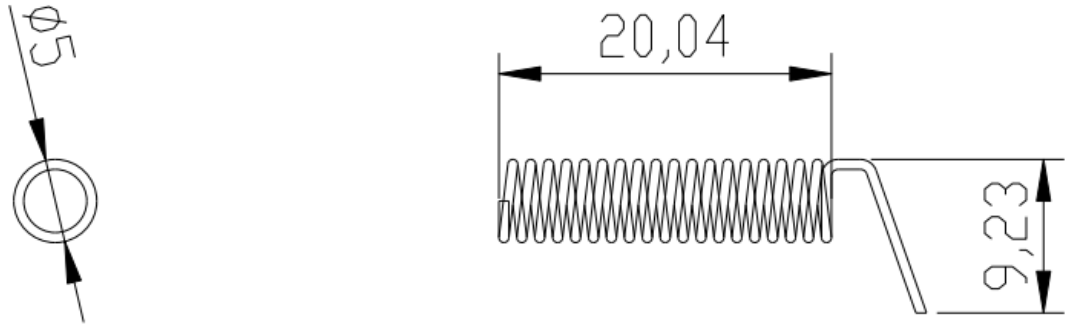


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3、Product dimension diagram



unit : mm



4. Specification

FrequencyRange(MHz)	433±5
Antenna gain(dBi)	-2.9
Efficiency (%)	25
VSWR	≤3.0 For reference only
Input Impedance (Ω)	50
Operation Temperature	-40℃~65℃
Storage Temperature	-40℃~65℃

5、Radiation Report

5.1 standing wave

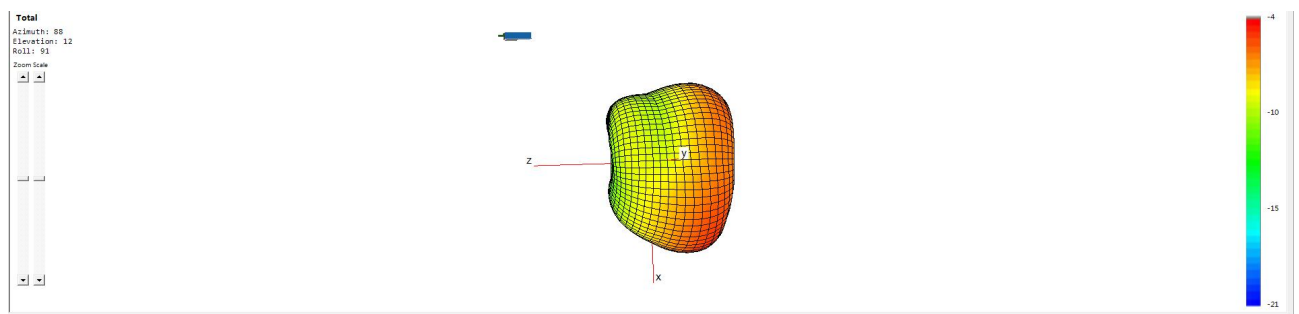
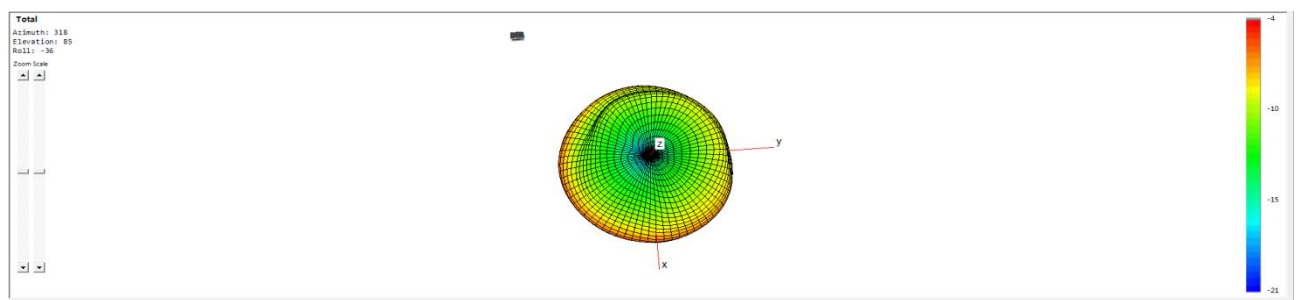
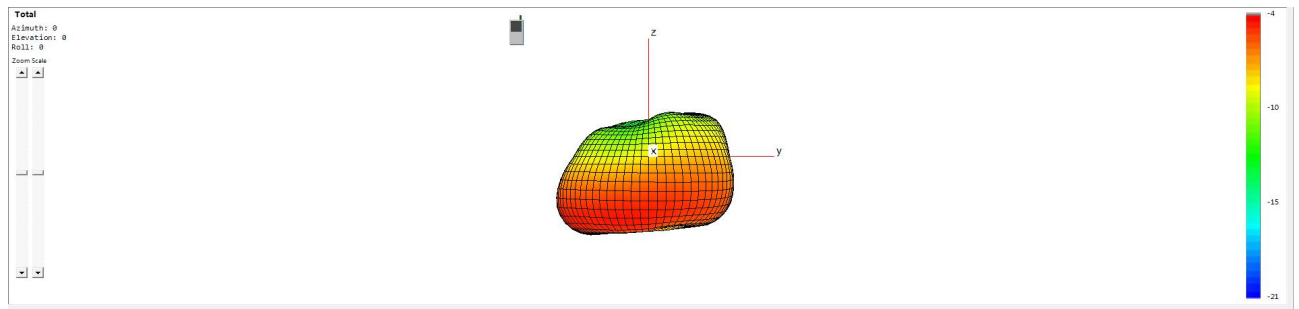


5.2 Efficiency chart

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频点frequency point	效率efficiency	增益gain
423	25%	-3.7
427	25%	-3.5
431	28%	-3.5
435	28%	-2.9
439	28%	-3.3
443	28%	-3.0



5.3 Directional diagram



6. Test Setup Photo

