



Sample Confirmation Letter

Applicant	PGST Co., Ltd	Project Name	PG-13		
Part Name	433M Transmission antenna spring	frequency range	433±5MHz		
Part Number	DS-T433E15-07-A	edition	R:A		
Sample type	Spring Antenna	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	1st Floor, 9th Block, Huaifu Industrial Park, Langkou Community, Dalang, Longhua District, Shenzhen City				
Manufacturer	Shenzhen Qili Spring Electronics Co., Ltd.				
Address	304, Building 46, Zone B, Yuanshan Industrial Park, Shangcun Community, Gongming Sub-district, Guangming District, Shenzhen City, Guangdong Province, China				

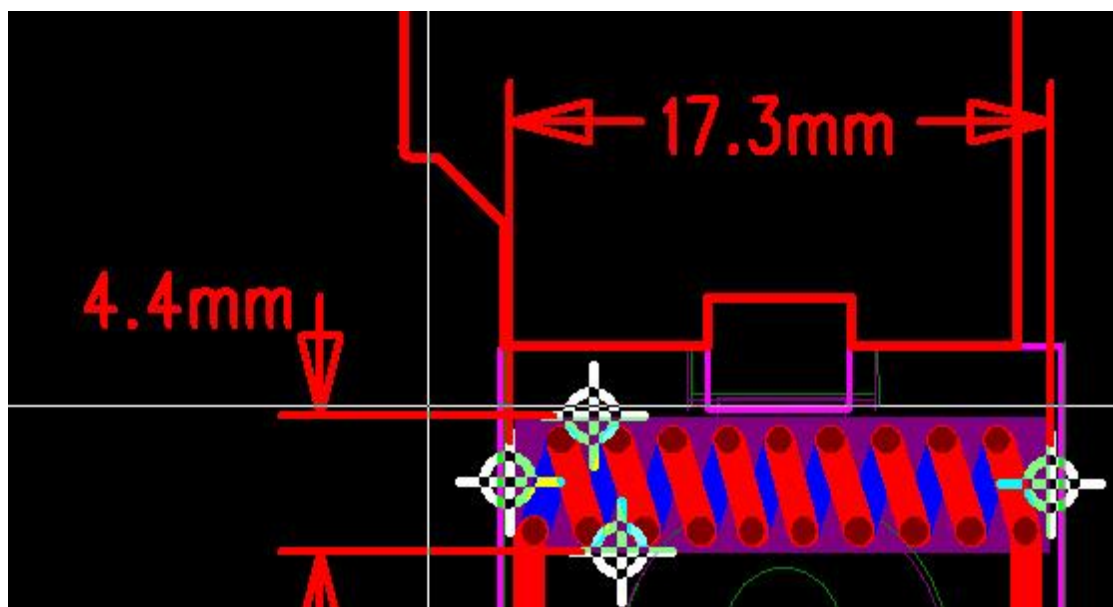


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4. Specification

FrequencyRange(MHz)	433±5
Antenna gain (dBi)	0
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

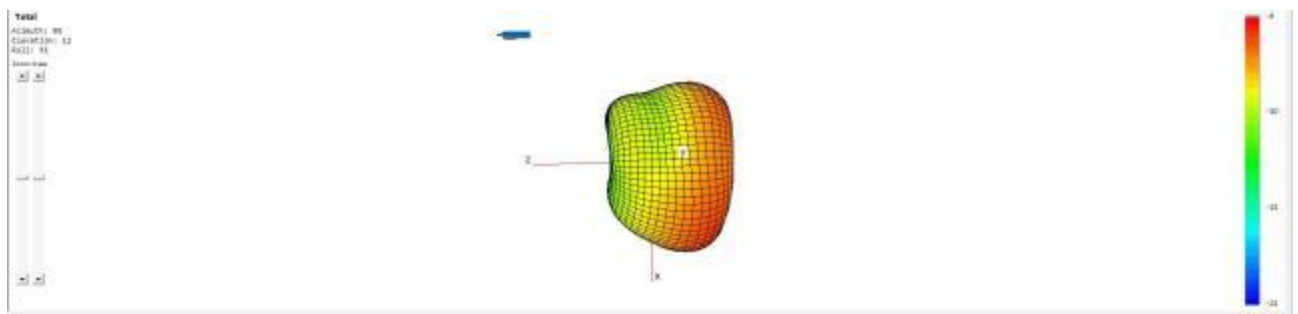
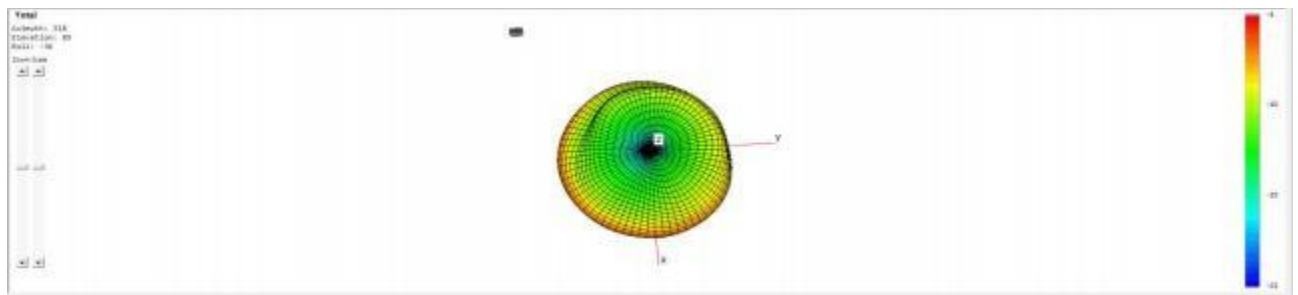
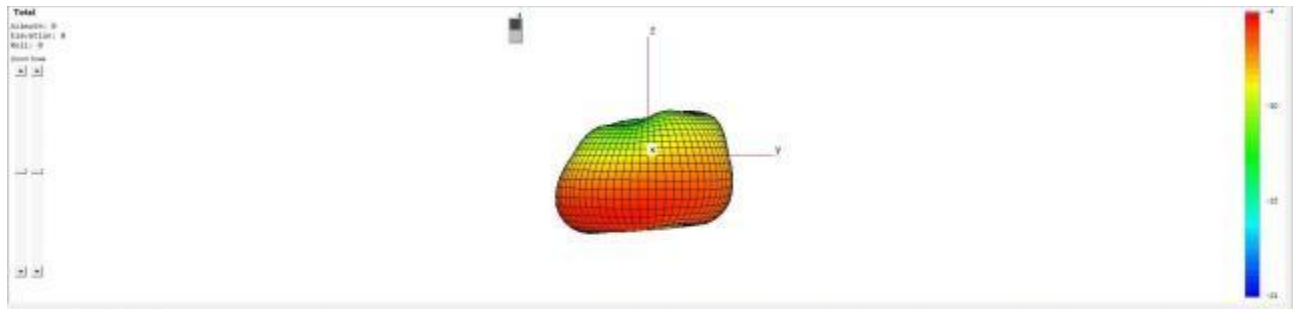


5.2 Efficiency chart

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frequency point	efficiency	gain
423	25%	-1.9
427	25%	-1.3
431	28%	-1.5
435	28%	-1.2
439	28%	0
443	28%	-1.0



5.3 Directional diagram



6. Test Setup Photo

