# 433MHz ROD ANTENNA

## TECHNICAL DATA SHEET

TX433-JKS-IPX20



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# TX433-JKS-IPX20

| NO. | MECHANICAL SPECIFICATIONS | VALUE | COMMENT |
|---|---|---|---|
| 01 | Part Number | TX433-JKS-IPX20 | |
| 02 | Material | ABS | |
| 03 | Material of Radiator | Copper | |
| 04 | Connector Type | IPEX-1 | |
| 05 | Antenna Colour | Black | |
| 06 | Overall Length | 197mm | |
| 07 | Cable Type | RG1.37 | |
| 08 | Cable Length | 200mm | |
| 09 | Weight | 18g | ±2g |
| NO. | ELECTRICAL SPECIFICATIONS | VALUE | COMMENT |
| 01 | Frequency | 433MHz | 429M-440MHz |
| 02 | Antenna Gain | 3dBi | |
| 03 | Radiation type | Omnidirectional | |
| 04 | Polarization | Linear | Vertical |
| 05 | Nominal Impedance | 50Ω | |
| 06 | Power Capacity | 10W | |
| 07 | S.W.R. | ≤2.0 | |
| NO. | ENVIRONMENTAL SPECIFICATIONS | VALUE | COMMENT |
| 01 | Operation Temperature | -30℃ ~ +75℃ | |
| 02 | Storage Temperature | -30℃ ~ +75℃ | |
| 03 | RoHS Compliant | YES | |


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# MECHANICAL DRAWING



IPEX-1



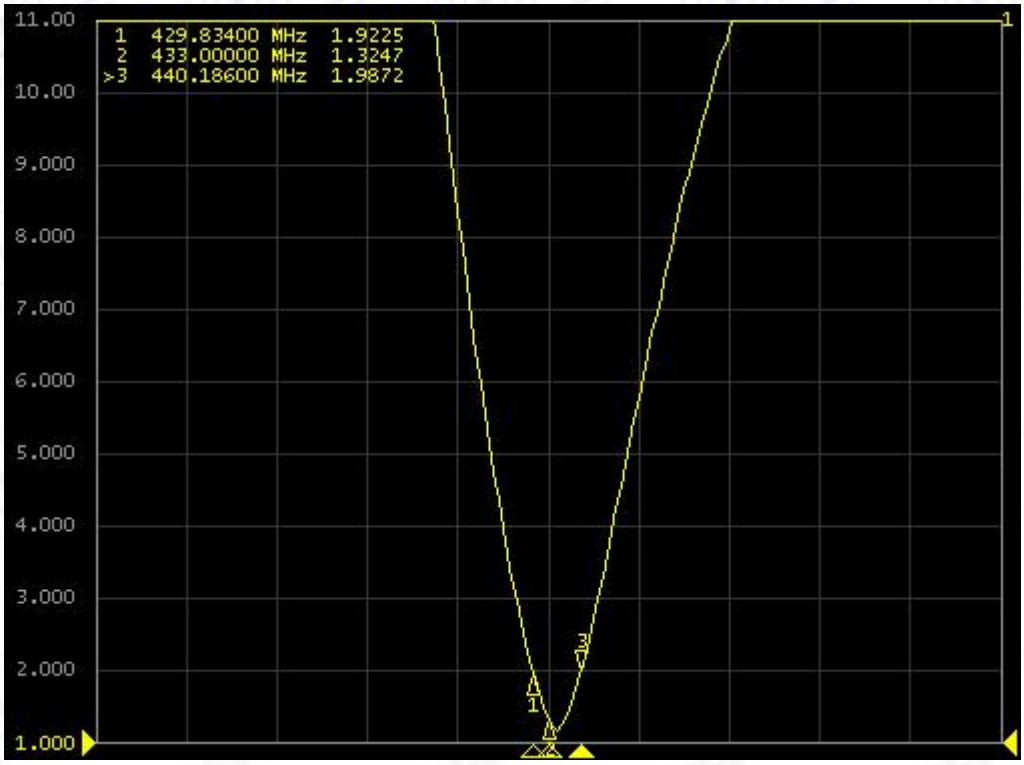

UNIT: mm

| ITEM | PART NAME | QUANTITY | MATERIAL / FINISH |
|---|---|---|---|
| a | Radome | 1 | TPEE Black |
| b | Connector | 1 | IPEX-1 |

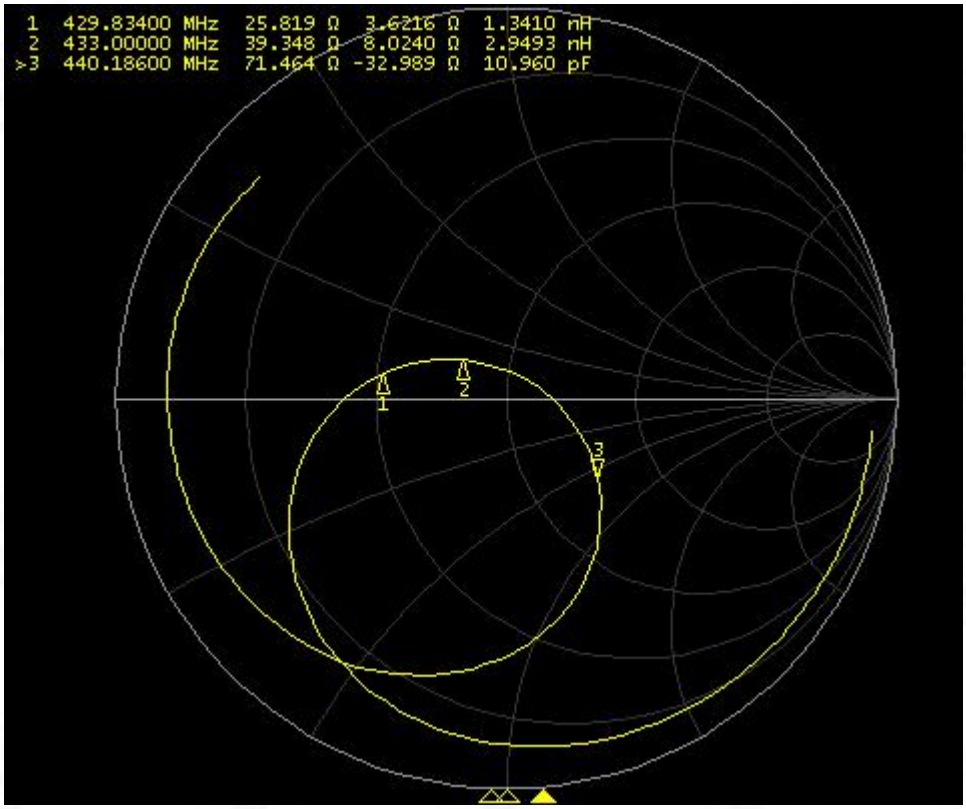

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S.W.R.




SMITH





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