

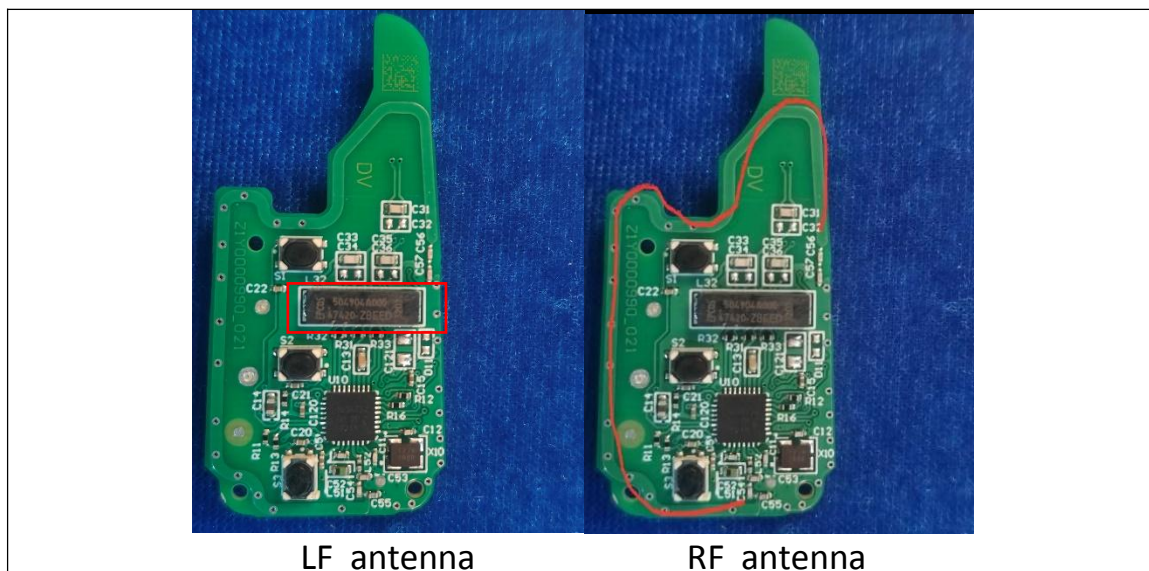
Company Letter Head

Antenna Information

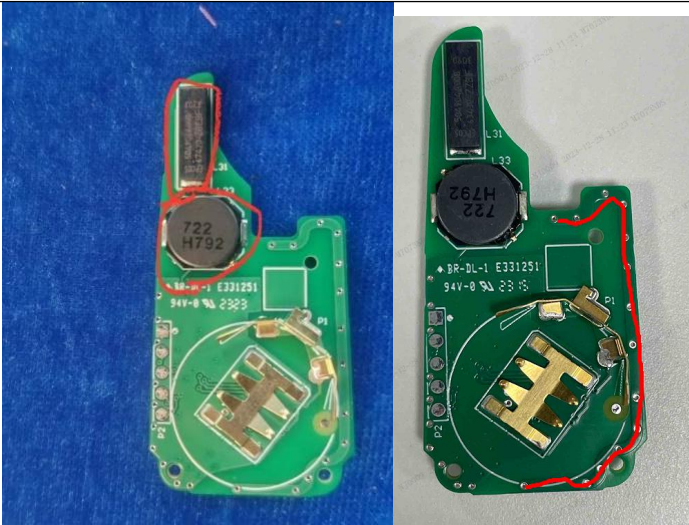
Manufacturer	Sumida , TDK
Antenna Type	Low-frequency antenna
Antenna Model	Low frequency rod antenna
Antenna Part Number	CAD10D30NP-722 , B82450A4904A
Antenna Frequency Range	125kHz ±2.5kHz
Antenna Q factor	50 , 20
Antenna Inductance	7.2mH,4.9mH
Antenna Dimension (LxHxW)	9.4mm*9mm*3.2mm /11.4mm*3.5mm*2.4mm

Manufacturer	Ofilm
Antenna Type	High-frequency antenna
Antenna Model	PCB printed antenna
Antenna Part Number	Z1Y0000990
Antenna Frequency Range	434MHz
Antenna Power Limitation	< 10mw
Antenna Peak Gain	/
Antenna Dimension (LxHxW)	96.8mm*1.2mm*1.2mm

Antenna Photo



Antenna Top View [With Ruler]

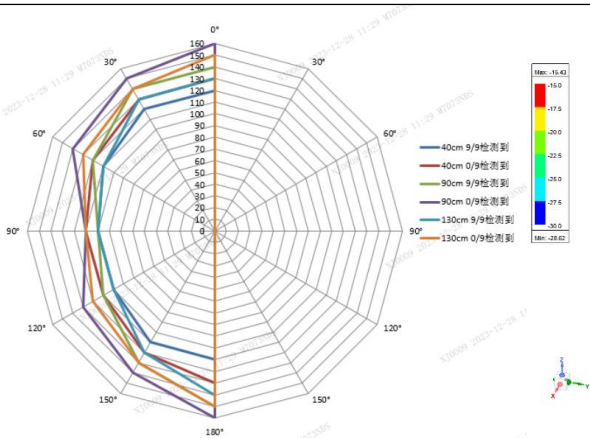


LF antenna

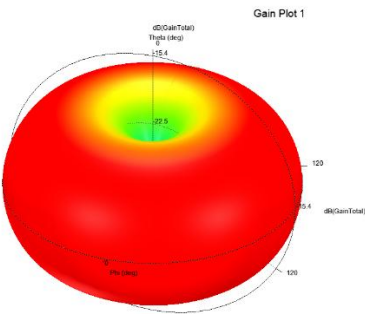
RF antenna

Antenna Bottom View [With Ruler]

Antenna Pattern/Gain Measurement data/Table:



LF antenna



RF antenna

Antenna Pattern/Measurement data