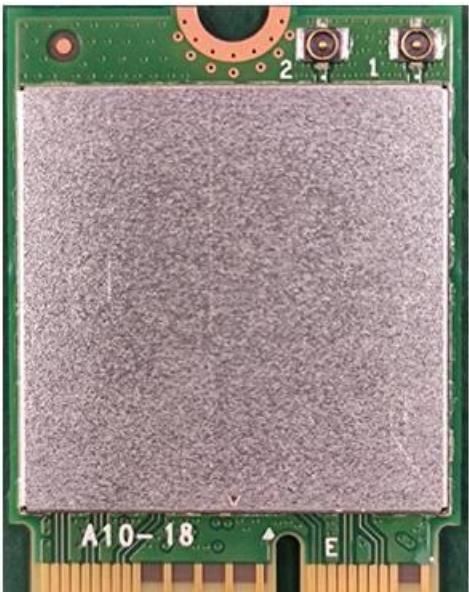


intel.

Intel® Wi-Fi 6E AX211

Model: AX211NGW

Front Side



2020.11.10.19:03

Front Side
w/ Marking



Eng. Sample - Not for Sale or Lease
Intel® Model: AX211NGW Made in China
TA: M13648-004
WFM: D8F883597B5D
ICN: GfP43.1 FV
WIFI: MD:NA
BT: SI:A4 TP0.9
CMN:0xA652 PCB:RB
DPX ChA:TY S#4 D/S0.9 Ver:TL12f
DPX ChB:TY S#4 D/S0.9
Xtal:Hos
Ind:Chil
FB:Mur
RF Conn:Lot
Filter:NA

Without Shield



2020.11.10.15:02

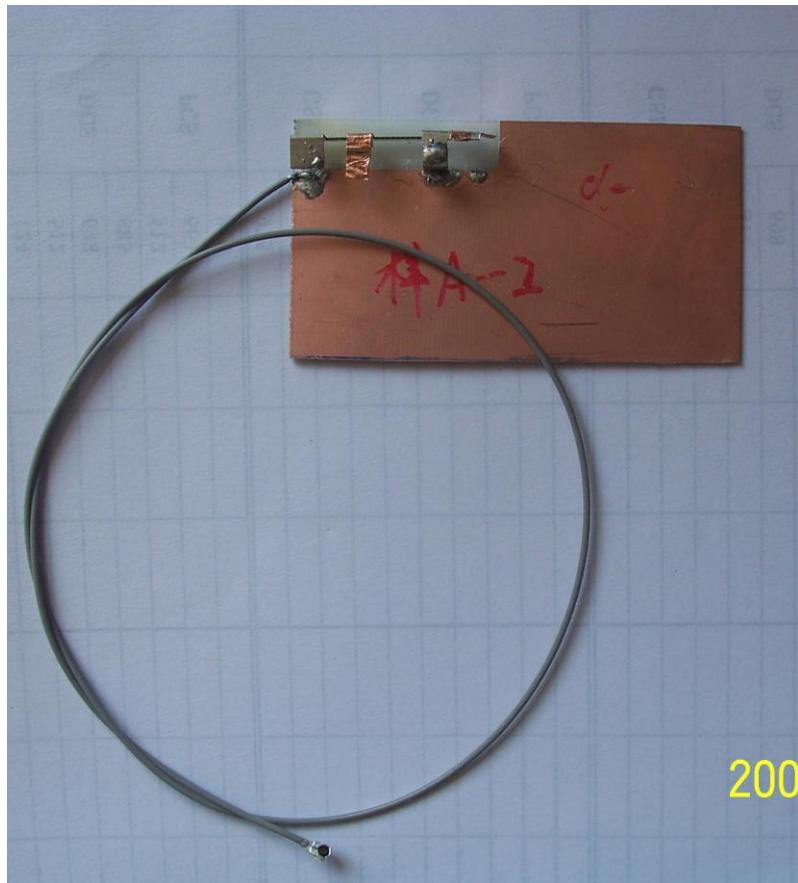
Back Side



2020.11.10.19:02

1 Summary of the Test results

The test fixture was made for further testing, which was shown below.



2. Test Result

2.1 RF Performance

2.1.1 S11 Measurement

The S11 parameter was performed using a Hewlett Packard E5071B Network Analyzer. We use a 45cm long 1.13 cable to mitigate surface currents on the outside of the testing cable.

We used no matching circuit .

The S11 parameter was shown below, you could check it.

SUC ANT S11 parameter Summary						
Band	2.3 ~2.7&3.3~3.8&5.15~5.85(GHz)					
	2.3	2.7	3.3	3.8	5.15	5.85
R.L (dB)	-16.59	-11.22	-8.87	-8.96	-8.46	-10.04
VSWR	1.35	1.76	2.13	2.11	2.22	1.92

You could also check in detail in below figures.

S11 parameter of sample antenna tested in free space