



DONGGUAN SLEing INTEL-TECH CO., LTD

SPECIFICATION APPROVAL SHEET

Hoymiles Power Electronics Inc.

CUSTOMER

CUS PART NO

A6040397

REV

A/1

SPECIFICATION

860-930MHz

PCB L57.8*W20.2*T1.0mm

SUP PART NO

SLEingE100090329

DATE

2024.11.20

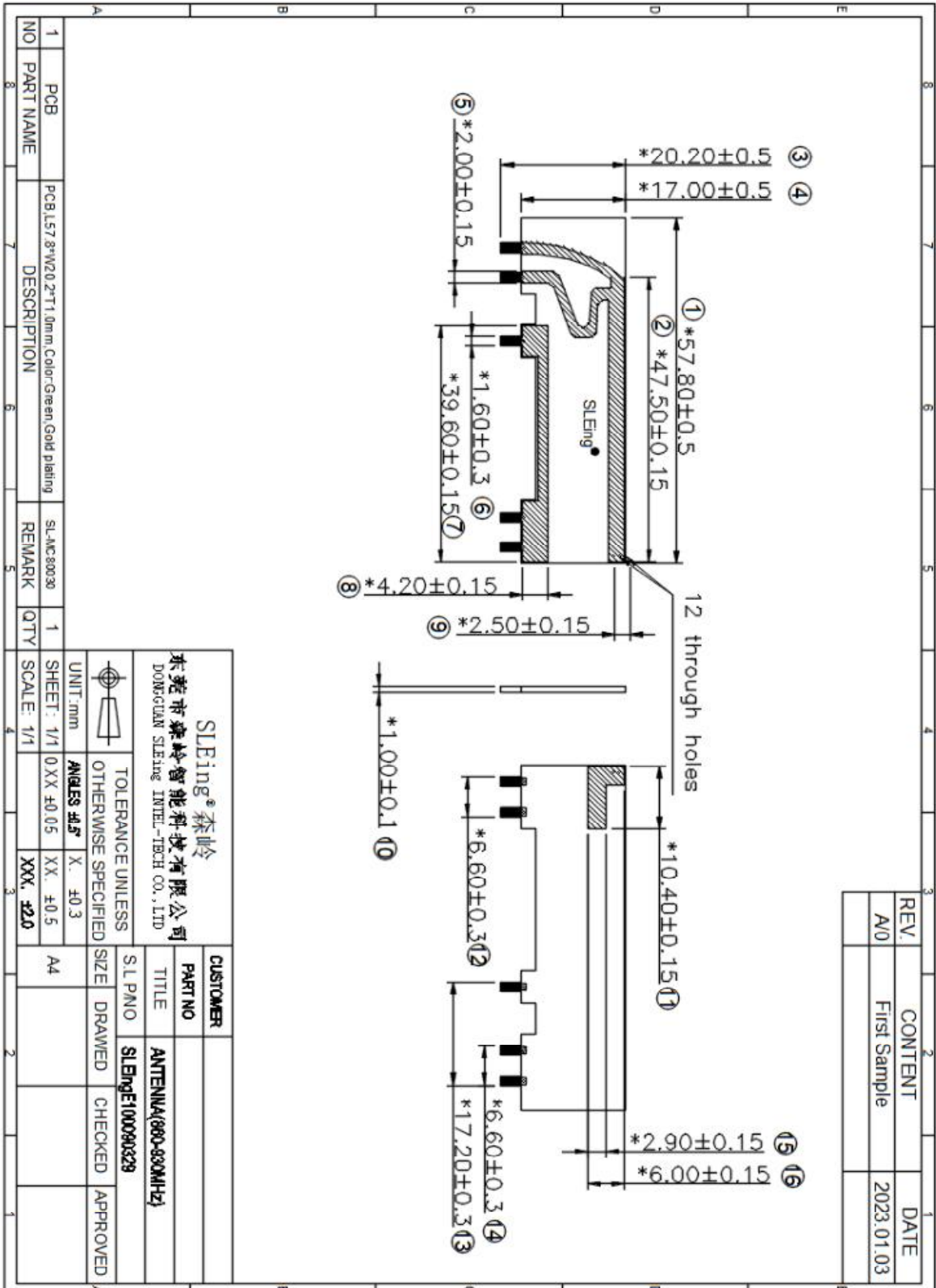
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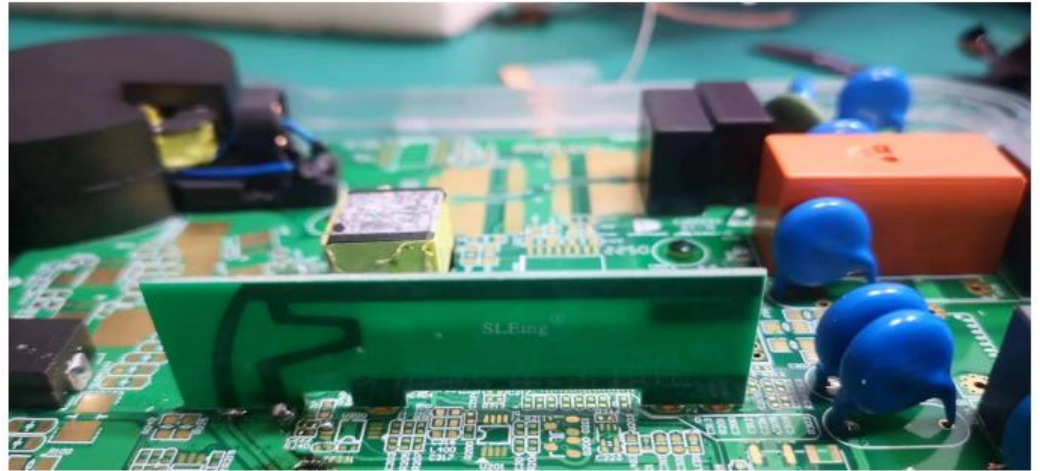
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Test Reports

Electrical Properties	
Frequency	860-930 MHz(Installation test)
Impedance	50 Ohm Nominal
V.S.W.R	≤ 5.0
Return Loss	-3.5dB Max
Radiation	Omni-directional
Gain (Peak)	0.82dBi
Polarization	Linear, Vertical
Admitted Power	2 W
Connector	/
Physical Properties	
Antenna Material	PCB
Cable Type	/
Operating Temp	-40°C-85°C
Storage Temp.	-40°C-85°C

Antenna assembly diagram

Device



Antenna



S Parameter Test

Agilent E5071C Network Analyzer



RF Antenna (Return Loss/VSWR)

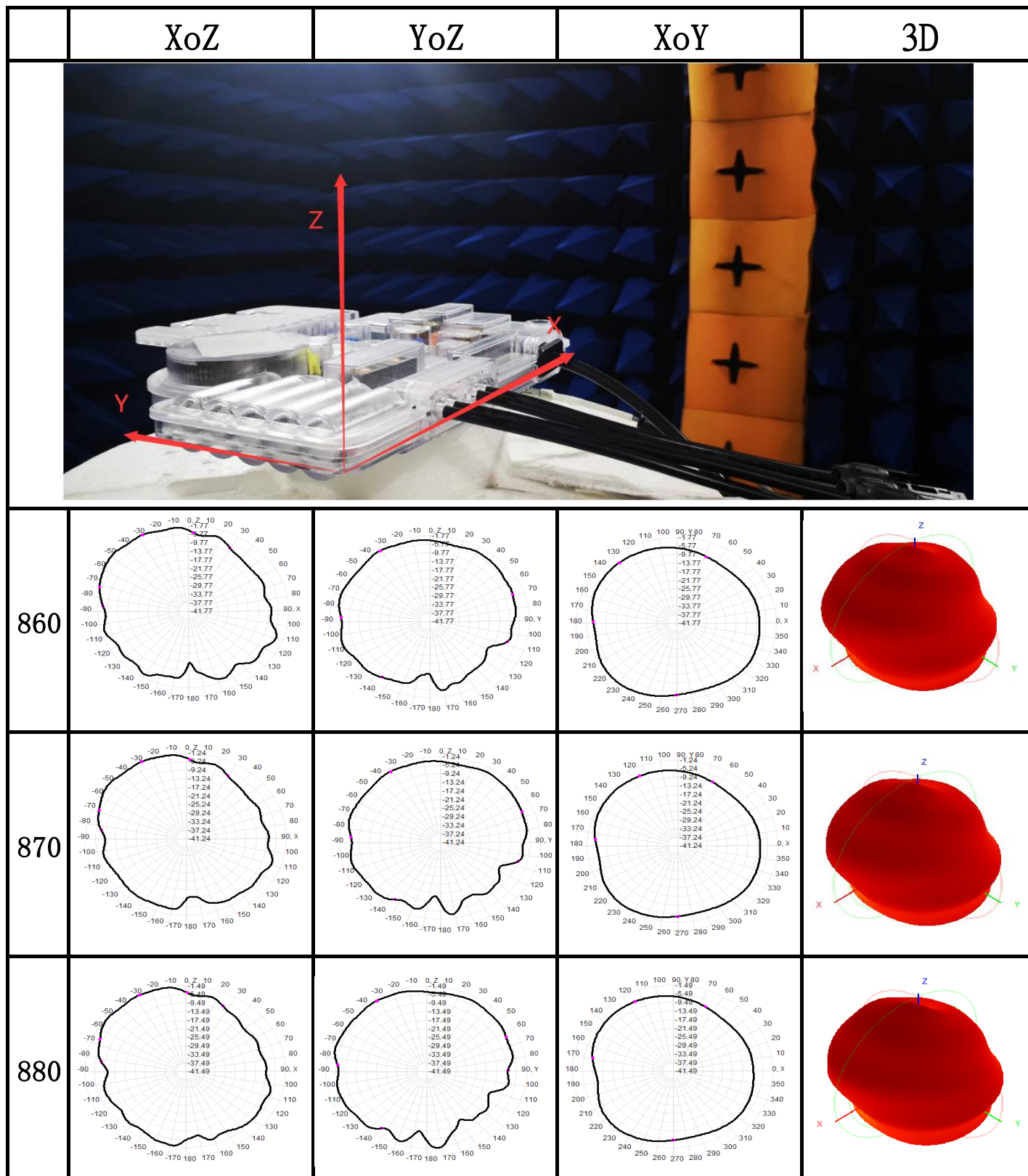


Test Efficiency

Frequency ID	1	2	3	4	5	6	7
Frequency (MHz)	860.0	865.0	870.0	875.0	880.0	885.0	890.0
Gain (dBi)	-0.56	-0.25	-0.04	-0.17	-0.37	-0.23	-0.09
Efficiency (%)	26.10	28.77	29.37	28.51	28.93	29.11	30.45

Frequency ID	8	9	10	11	12	13	14	15
Frequency (MHz)	895.0	900.0	905.0	910.0	915.0	920.0	925.0	930.0
Gain (dBi)	0.53	0.82	0.81	0.75	0.68	0.31	-0.11	-0.16
Efficiency (%)	33.40	35.91	36.57	38.34	39.95	35.68	34.80	30.53

Pattern



Pattern

