



DONGGUAN SLEing INTEL-TECH CO., LTD

SPECIFICATION APPROVAL SHEET

Hoymiles Power Electronics Inc.

CUSTOMER

CUS PART NO

A6040445

REV

A/2

SPECIFICATION

860-930MHz

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

SUP PART NO

SLEingE100090329-C03

DATE

2024.11.20

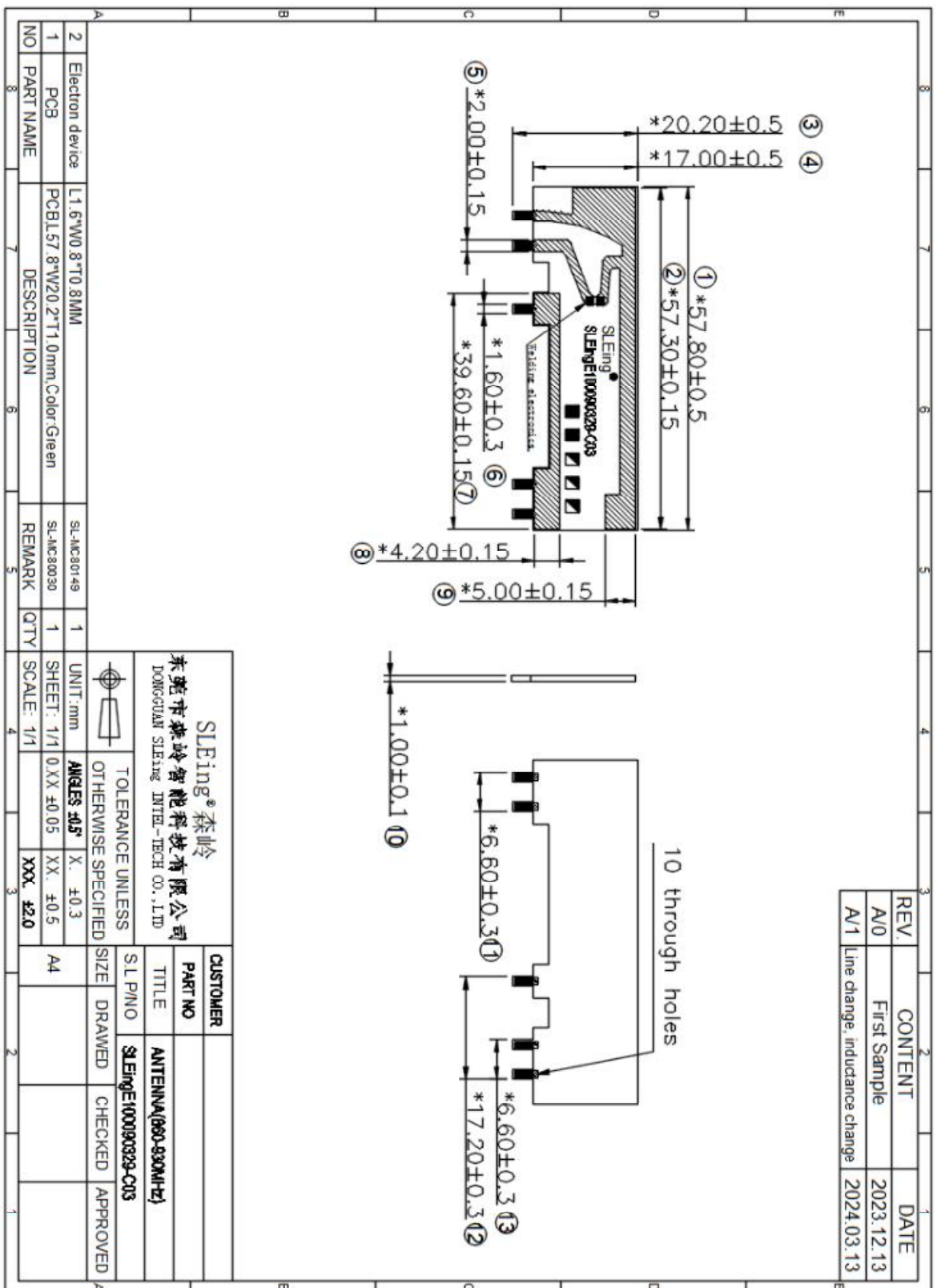
DONGGUAN CITY SLEing INTEL-TECH CO., LTD

Room 402, No. 6 Plant, Accelerator of Modern Enterprise, No. 24 Industry East Road
Songshanlake District, Dongguan City, Guangdong Province, China.

Tel: +86-076989208968

Fax: +86-0769-89208969

www.sleing.com





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Test Reports

Electrical Properties	
Frequency	860-930 MHz(Installation test)
Impedance	50 Ohm Nominal
V.S.W.R	≤ 2.1
Return Loss	-9dB Max
Radiation	Omni-directional
Gain (Peak)	0.67dBi
Polarization	Linear, Vertical
Admitted Power	2 W
Connector	/
Physical Properties	
Antenna Material	PCB
Cable Type	/
Operating Temp	-40℃-85℃
Storage Temp.	-40℃-85℃

Antenna assembly diagram

Device



Antenna

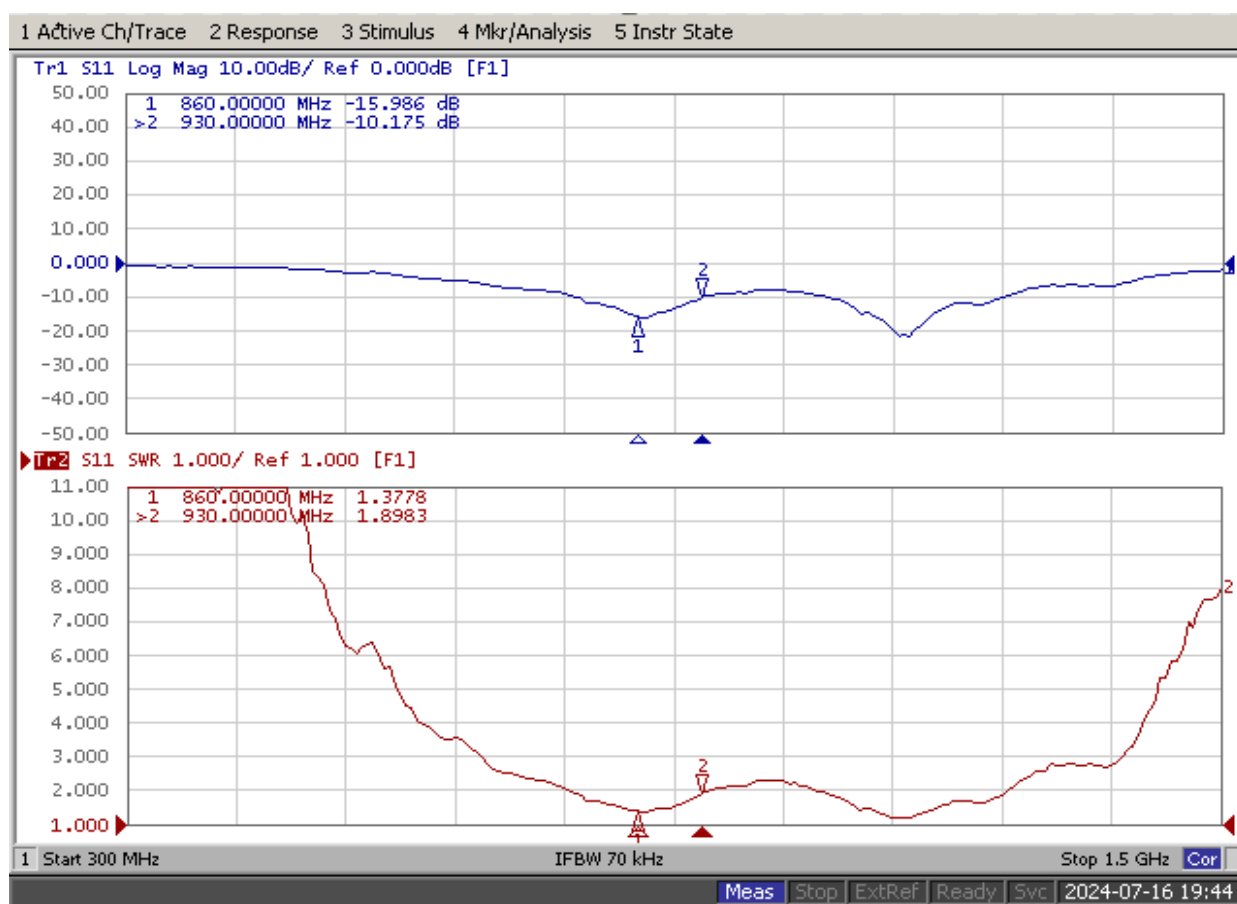


S Parameter Test

Agilent E5071C Network Analyzer



RF Antenna (Return Loss/VSWR)

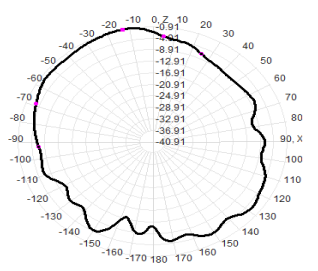
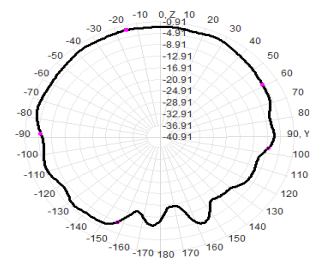
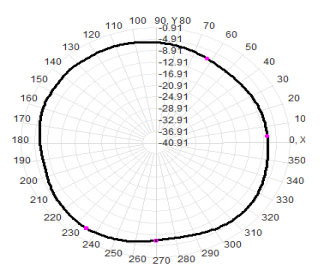
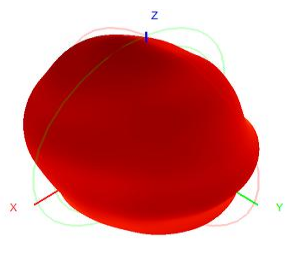
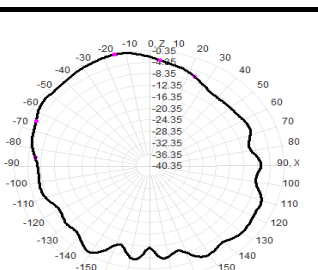
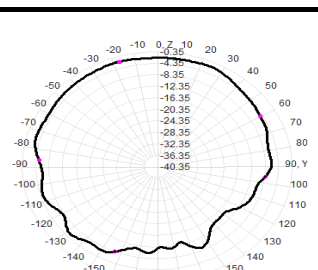
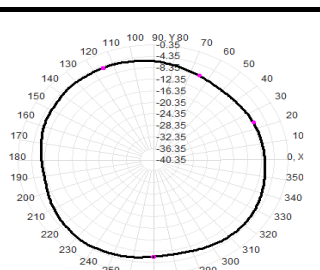
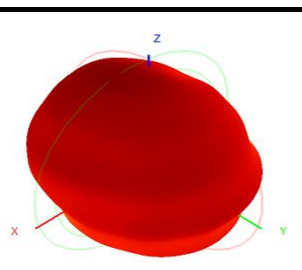
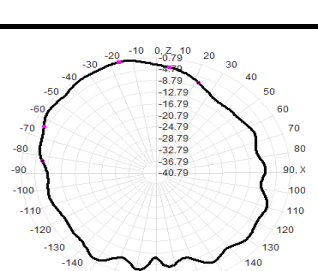
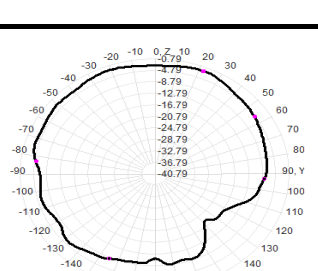
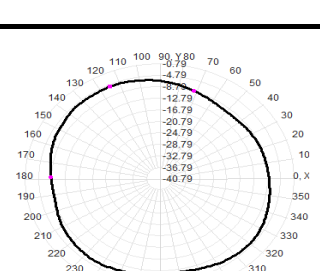
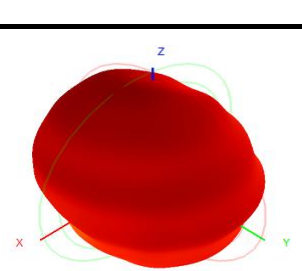


Test Efficiency

Frequency ID	1	2	3	4	5	6	7
Frequency (MHz)	860	865	870	875	880	885	890
Gain (dBi)	-0.89	-0.46	-0.34	-0.57	-0.79	-0.47	0.11
Efficiency (%)	26.68	27.95	27.63	25.73	24.43	26.43	30.74

Frequency ID	8	9	10	11	12	13	14	15
Frequency (MHz)	895	900	905	910	915	920	925	930
Gain (dBi)	0.54	0.67	0.50	0.22	-0.13	-0.66	-1.09	-1.34
Efficiency (%)	33.79	34.39	32.92	30.95	28.99	25.67	22.60	20.58

Pattern

	XoZ	YoZ	XoY	3D
860				
870				
880				

Pattern

