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SPECIFICATION FOR APPROVAL

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Model:

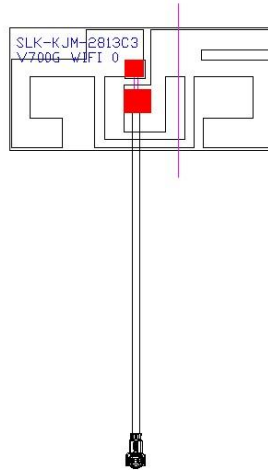
WIFI 0:SLK-KJM-2813C3-M-240I-B

WIFI 1:SLK-KJM-2813C1-M-240I-G

BT:SLK-KJM-2813C2-M-220I-W

WIFI 0

1. Explanation of Product number :



2. Features

- *Stable and reliable in performances
- *Compact size
- *RoHS compliance

3. Applications

- * IEEE802.11 (b/g/n/a)
- * Hand-held devices when WIFI (802.11b/g/n/a) functions are needed

4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11b/g/n/a) applications. Based on Holy bond's proprietary design and processes, this FPC antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

5. Electrical Specifications

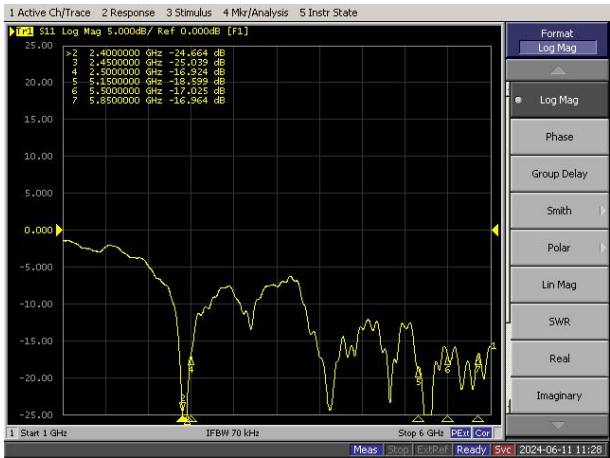
5-1

Characteristics	Specifications	Unit
Outline Dimensions	28.14x13.12x0.12	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

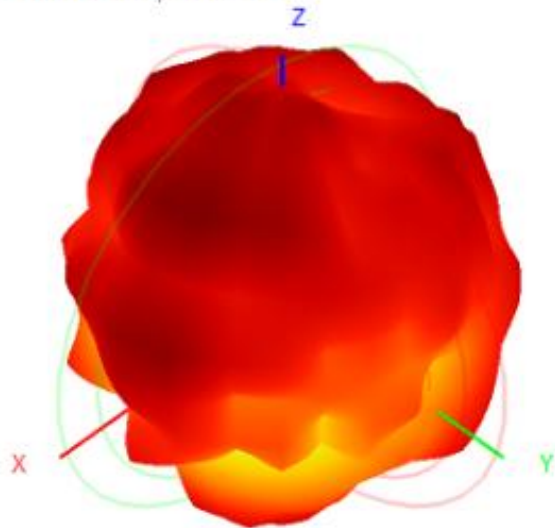
S11



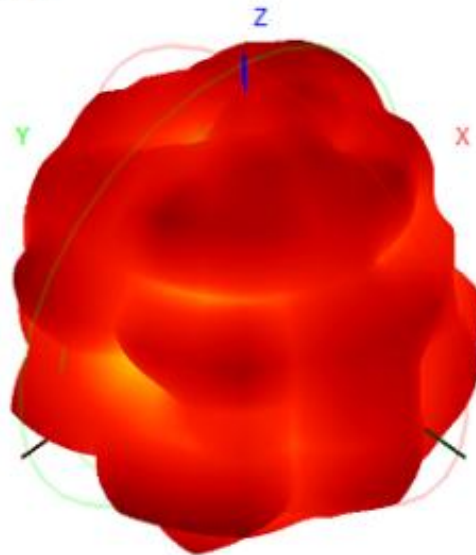
5-3. Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0	5350.0	5500.0	5650.0	5850.0
Efficiency (dBi)	-3.83	-3.64	-3.68	-3.67	-3.68	-3.71	-3.73	-3.65	-3.59	-3.65	-3.66	-3.81	-3.75	-3.69	-3.50	-3.51
Gain (dBi)	1.55	1.77	1.74	1.74	1.58	1.46	1.98	2.06	2.14	1.82	1.80	2.42	2.16	1.91	1.89	2.10
Efficiency (%)	41.39	43.18	42.78	42.89	42.80	42.52	42.31	43.10	43.68	43.10	42.96	41.51	42.14	42.74	44.66	44.55

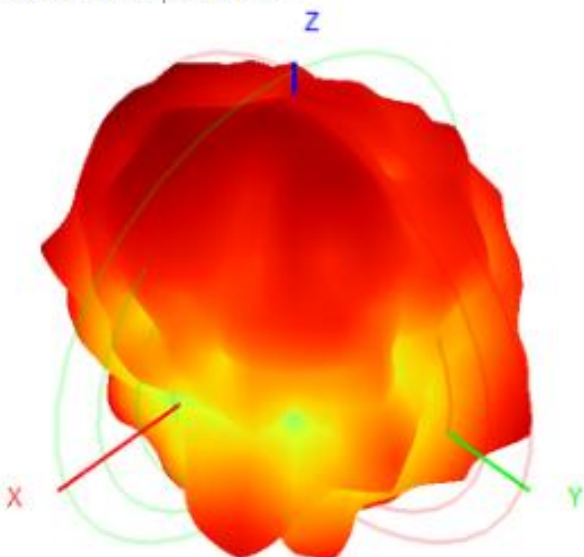
2450.0MHz H+V, Eff: 42.5%



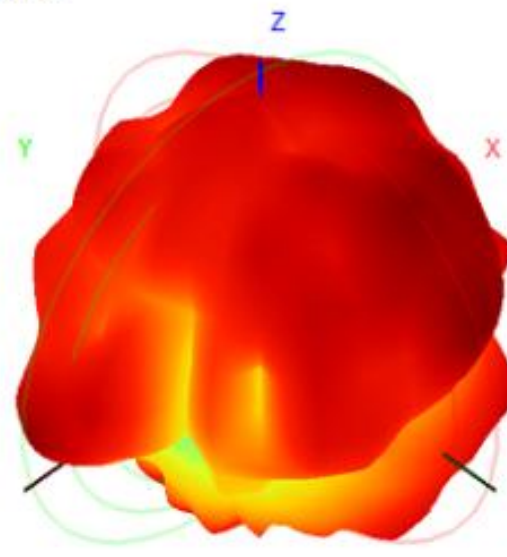
Back View



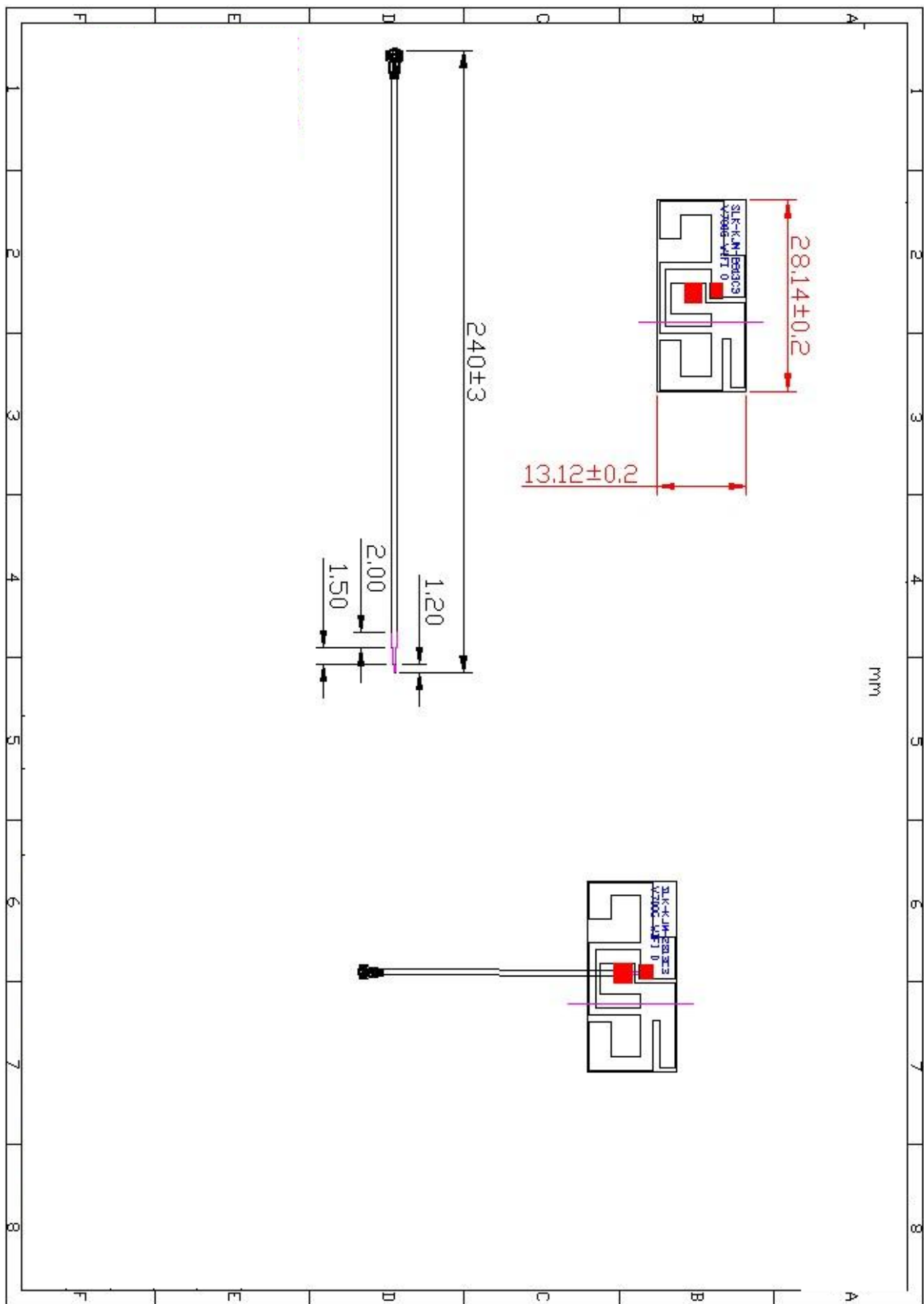
5850.0MHz H+V, Eff: 44.6%



Back View



6. Antenna Dimensions (unit: mm)



7. Antenna Picture

