

Antenna

WIFI MAIN Antenna (P3707)

Cable Length:

227IV: 227*0.81MM

4. Description

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

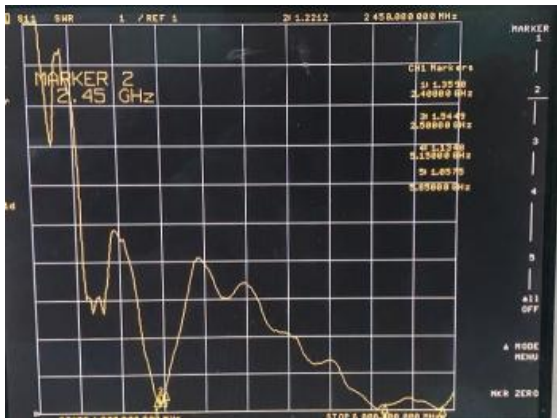
5. Electrical Specifications

5-1

Characteristics	Specifications	Unit
Outline Dimensions	36.8x 7.63x 1	mm
Center Frequency	2.4-2.5+5.15-5.90	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR



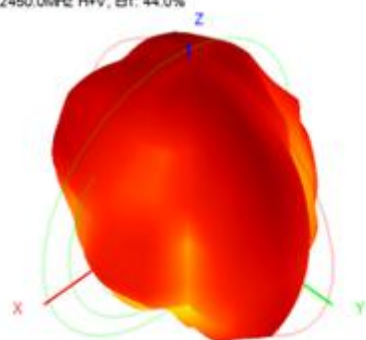
S11



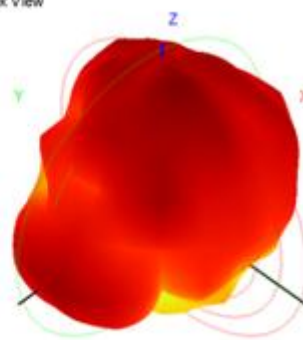
5-3.WIFI MAIN Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency	Efficiency	Gain (dBi)	Efficiency (%)
2400.0	-3.68	1.93	41.26
2410.0	-3.67	2.06	42.36
2420.0	-3.59	2.19	42.25
2430.0	-3.52	2.26	44.57
2440.0	-3.66	2.37	42.39
2450.0	-3.63	2.51	43.99
2460.0	-3.58	2.46	43.54
2470.0	-3.67	2.25	43.15
2480.0	-3.73	2.20	42.03
2490.0	-3.68	2.12	42.19
2500.0	-3.70	1.88	41.28
5150.0	-3.59	3.52	44.43
5350.0	-3.47	2.12	46.38
5550.0	-3.57	2.26	44.76
5650.0	-3.52	3.00	43.43
5850.0	-3.85	3.02	41.42

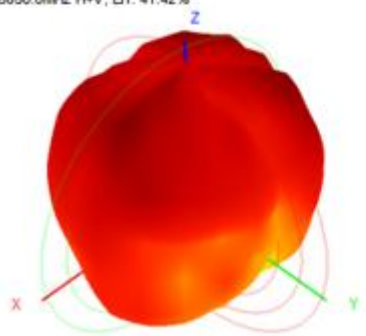
2450.0MHz H+V, Eff: 44.0%



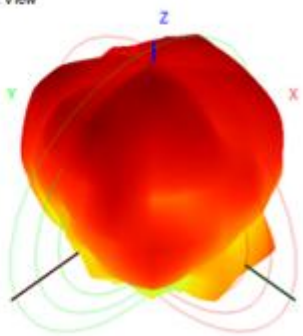
Back View



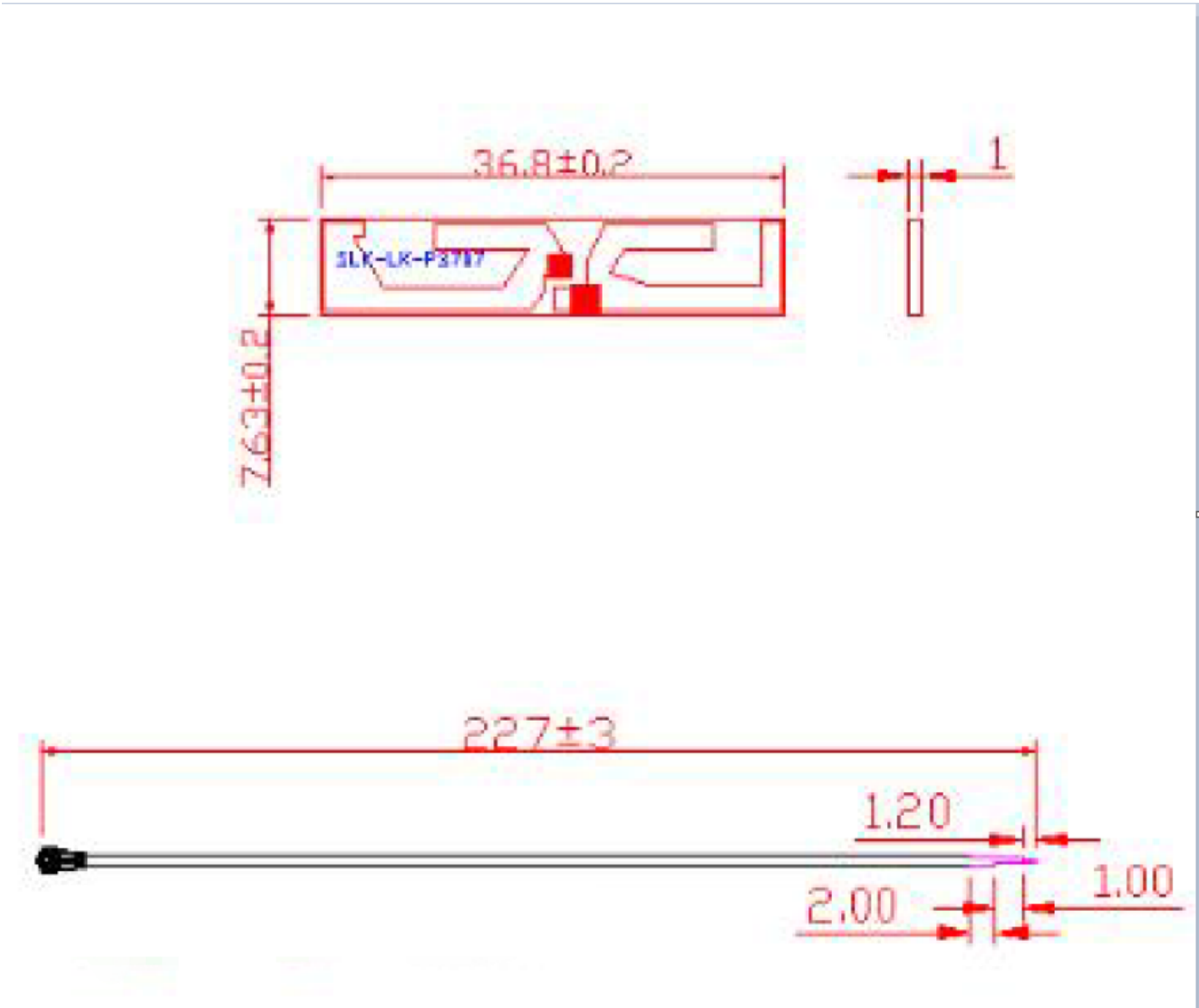
5850.0MHz H+V, Eff: 41.42%



Back View



6. Antenna Dimensions (unit: mm)



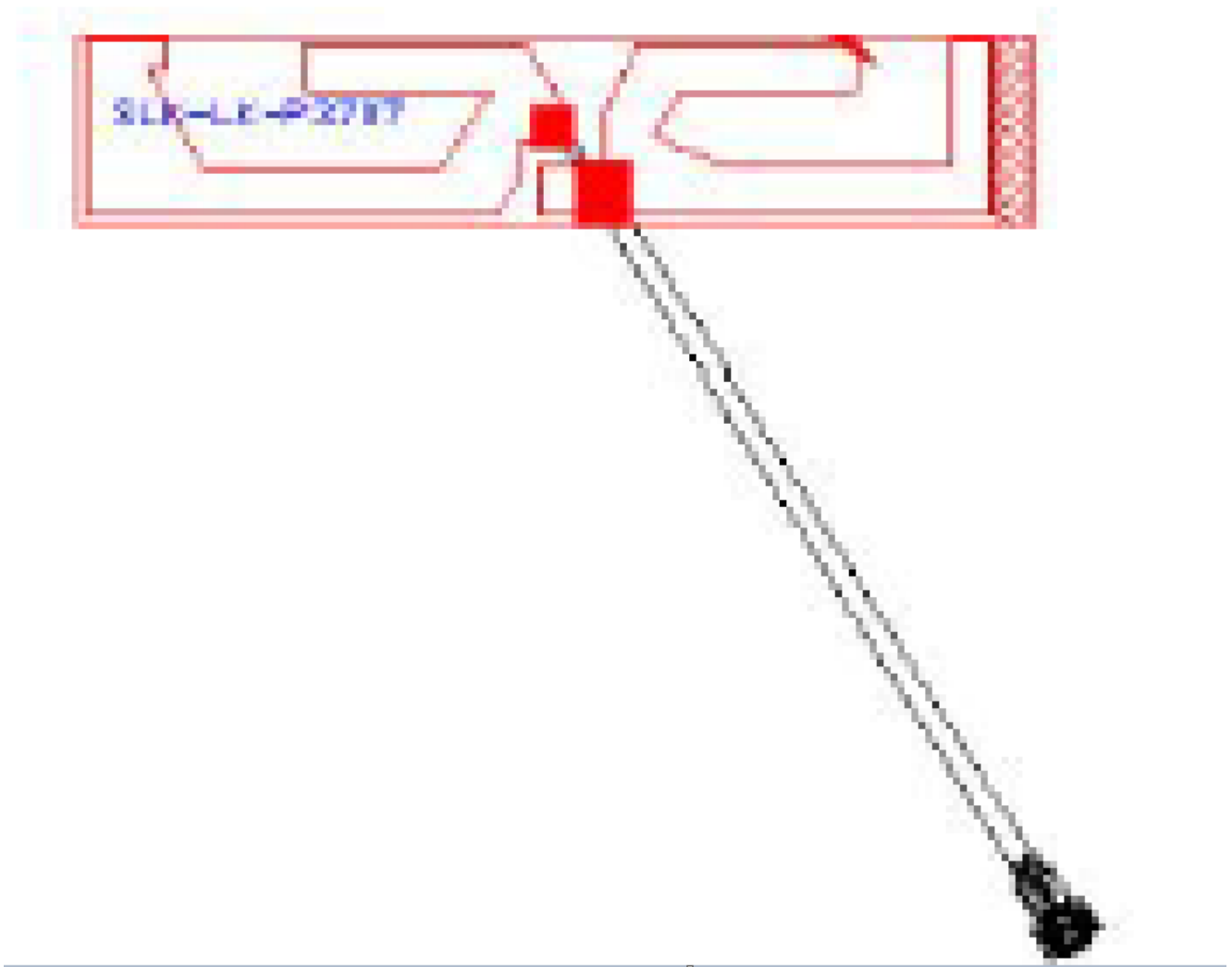
WIFI AUX Antenna (P3707)

1. Explanation of Product number :

S L K - M D J - P 3 7 0 7 - R - 2 7 3 I V - G

1

2



3. Description

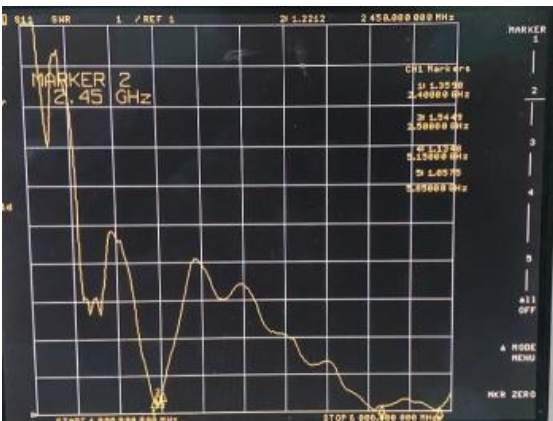
Holy bond's PCB antenna series are specially designed for WIFI (802.11 a/b/g/n) applications. Based on Holy bond's proprietary design and processes, this PCB antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

4. Electrical Specifications

Characteristics	Specifications	Unit
Outline Dimensions	36.8x 7.63x1	mm
Center Frequency	2.4-2.5+5.15-5.90	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2

VSWR



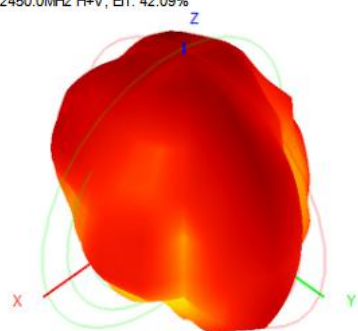
S11



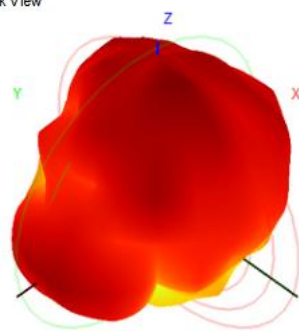
5-3.WIFI MAIN Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency	Efficiency	Gain (dBi)	Efficiency (%)
2400.0	-3.82	2.43	40.02
2410.0	-3.74	2.32	40.09
2420.0	-3.65	2.29	40.15
2430.0	-3.68	2.22	41.12
2440.0	-3.63	2.16	41.26
2450.0	-3.66	1.97	42.09
2460.0	-3.68	1.95	42.14
2470.0	-3.70	2.28	41.82
2480.0	-3.76	2.20	41.46
2490.0	-3.73	2.35	40.76
2500.0	-3.76	2.57	40.17
5150.0	-3.77	3.55	42.74
5350.0	-3.79	3.12	42.38
5550.0	-3.65	2.86	43.26
5650.0	-3.56	2.54	43.43
5850.0	-3.96	3.17	41.69

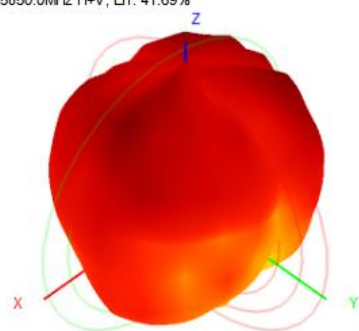
2450.0MHz H+V, Eff: 42.09%



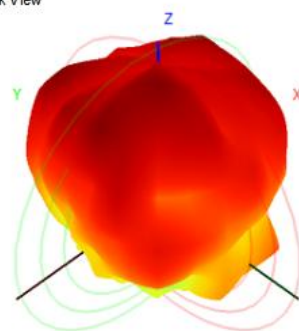
Back View



5850.0MHz H+V, Eff: 41.69%



Back View



6 . Antenna Dimensions (unit: mm)

