

Technical Description

Product	Folio Keyboard
Brand Name	XPPen
Model	K09-A

The equipment under test (EUT) is a Bluetooth keyboard. The EUT will operate from a Li-Polymer battery and charging by USB C port. For more detail information pls. refer to the user manual.

40 channels are provided for BT-LE (GFSK):

CHANNEL	FREQ. (MHZ)	CHANNEL	FREQ. (MHZ)	CHANNEL	FREQ. (MHZ)	CHANNEL	FREQ. (MHZ)
0	2402	10	2422	20	2442	30	2462
1	2404	11	2424	21	2444	31	2464
2	2406	12	2426	22	2446	32	2466
3	2408	13	2428	23	2448	33	2468
4	2410	14	2430	24	2450	34	2470
5	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26	2454	36	2474
7	2416	17	2436	27	2456	37	2476
8	2418	18	2438	28	2458	38	2478
9	2420	19	2440	29	2460	39	2480

Modulation Type: BT-LE(GFSK)

Antenna Type: PCB on board antenna

Antenna Gain: -0.67 dBi Gain

Hardware version: V1.2

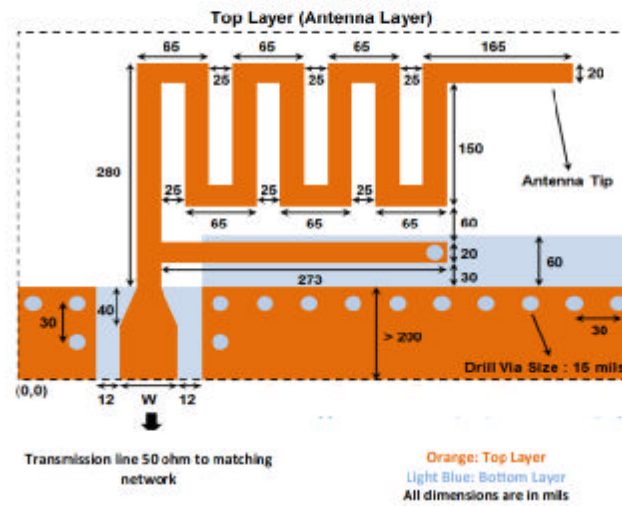
Software version: V3

The function of main IC is mentioned as below.

- 1) U1 as Bluetooth IC
- 2) U3 as charge IC.
- 3) U2 as DC-DC

In Bluetooth IC:

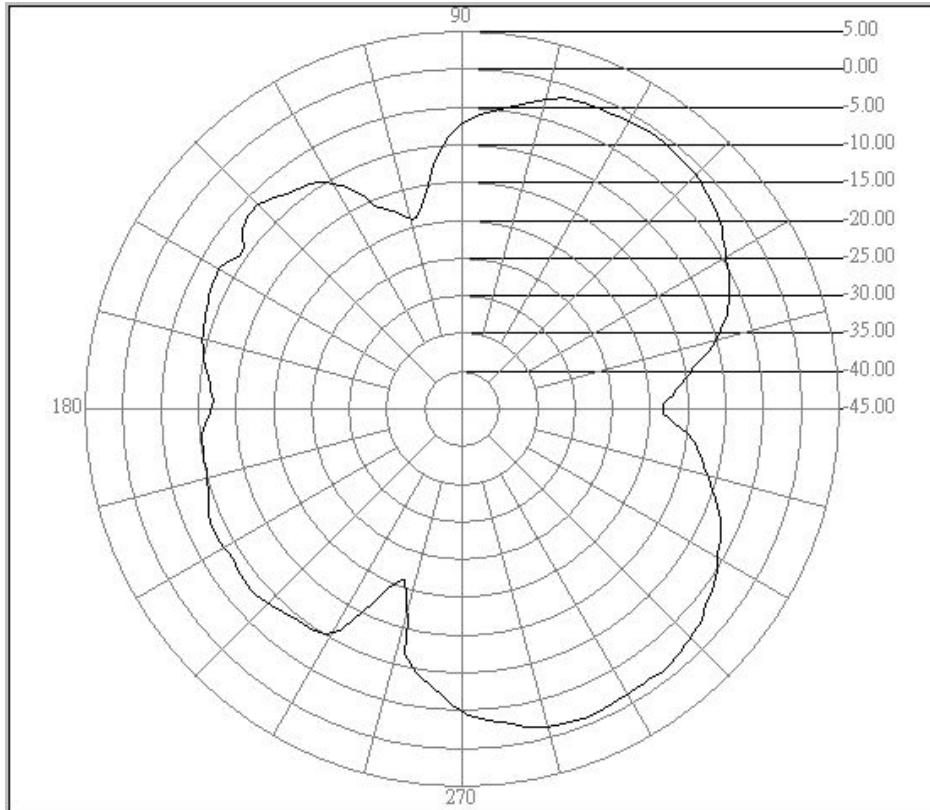
- 1) U1 as Bluetooth IC Pixart 2832.
- 2) XTL1 is a 32MHz oscillator for Bluetooth IC.





CCS WUGU Antenna Pattern

Job No.:980318-DONGLE-2440-E Antenna Size:7.2mm X 11.1mm
Date:2009-03-17 Time:14:42 Temp.(°C)/Hum.(%):25°C/80%
Tested by: Mark.Y manufacturer:Jing Mold Electronics Technology (Shenzhen) Co., Ltd.



Center :

Max gain(dBi):-0.67

Min gain(dBi):-21.16

Avg gain(dBi):-5.60



CCS WUGU Antenna Pattern

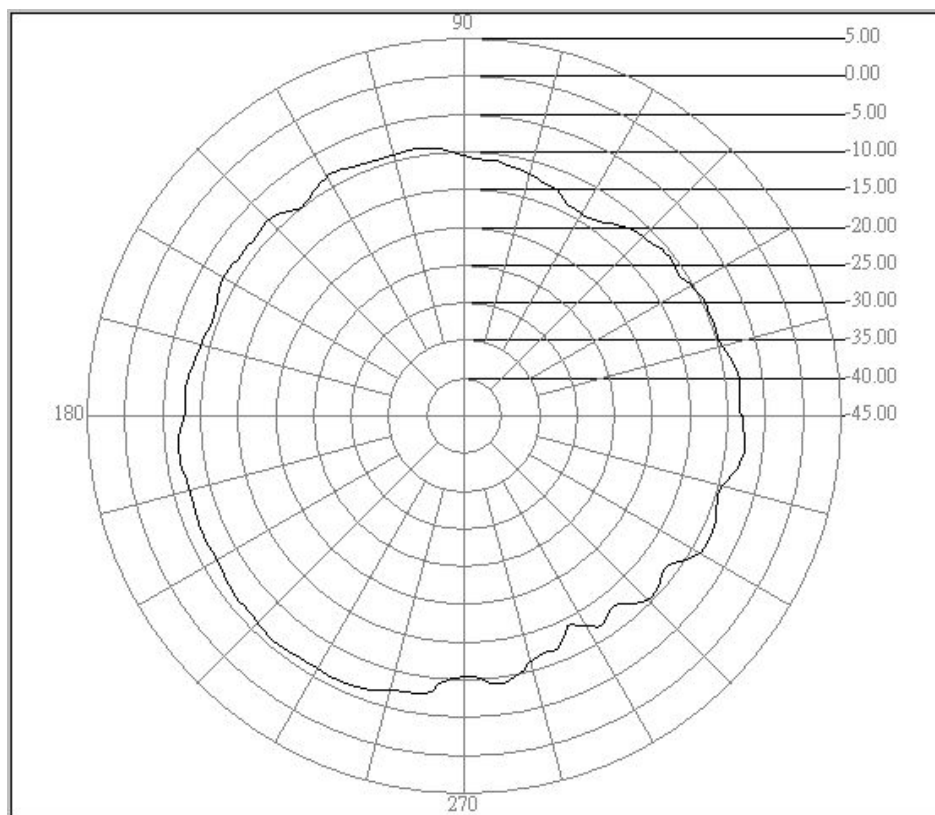
Job No.:980318-DONGLE-2440-H

Date:2009-03-17

Time:14:40

Temp.(°C)/Hum.(%):25°C/80% Tested by: Mark.Y

address :No. 4 Yangxia 3rd Road, Xinqiao Community, Xinqiao Street, Bao'an District, Shenzhen



Center freq.(MHz): 2440

Polarization : H Plane

Max gain(dBi):-5.88

Min gain(dBi):-14.09

Avg gain(dBi):-8.86

980318-DONGLE-2440-E