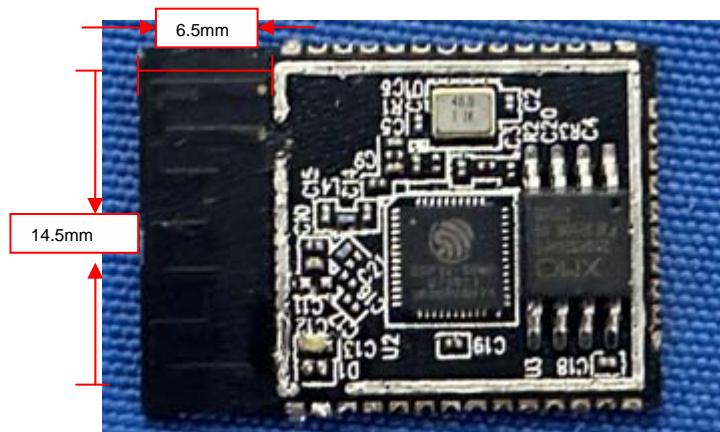


Applicant	: Bridgelux, Inc.
Address	: 46410 Fremont Boulevard, Fremont, CA 94538 USA
Model/Type reference	: BXDR-PS-42BS-U411W-01-A
Power supply:	: 120-277V, 50/60Hz
Modulation:	: 802.11b: CCK/QPSK/BPSK 802.11g/n: BPSK/QPSK/16QAM/64QAM
Operation frequency:	: 2412 MHz to 2462 MHz for 802.11b/g/n(HT20)
Antenna type:	: PCB Antenna

1. Sample photo



2. Project brief

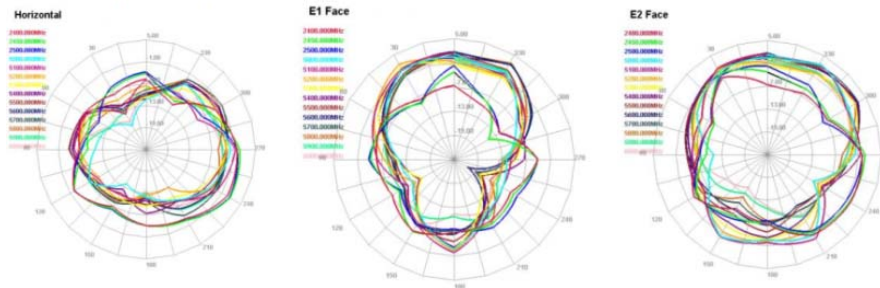
1	Operating band	WIFI:2.4G
2	Frequency band	WIFI:2400-2500Mhz
3	Antenna type	WIFI:PCB Antenna
4	Material and implementation shape	PCB

Results Summary (2D/3D Radiation Pattern/Efficiency)

Overview WIFI

Frequency (MHz)	Gain(dB)	Efficiency(dB)	Efficiency(%)
2400	-0.66	-6.51	14.067
2410	-3.50	-4.36	12.655
2420	-4.67	-4.16	13.718
2430	-3.83	-3.56	12.788
2440	-4.18	-4.86	11.182
2450	-2.31	-4.74	12.012
2460	-2.62	-5.01	13.199
2470	0.00	-6.68	11.703
2480	-4.61	-6.80	15.996
2490	-3.12	-5.56	13.025
2500	-3.41	-5.88	10.707

WiFi天线辐射方向图。



3. SWR

