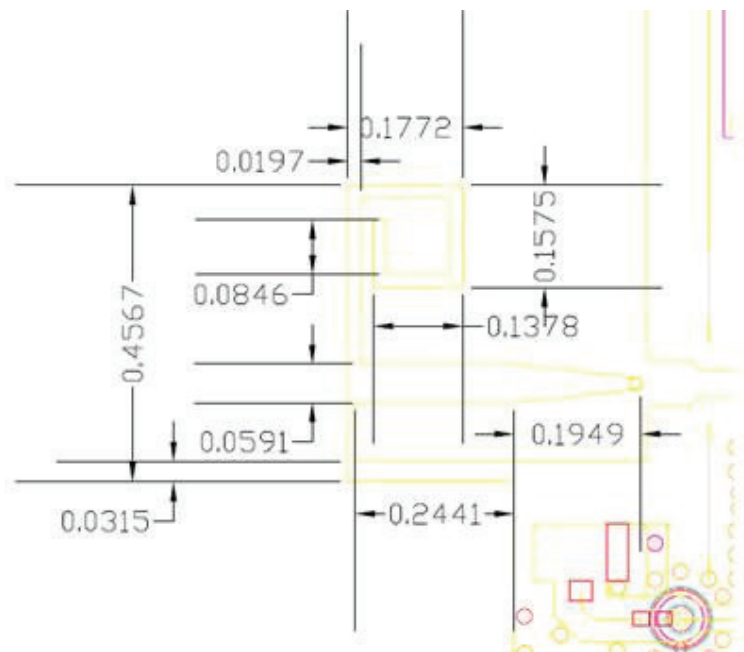
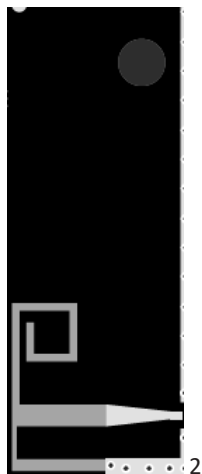


heory of Operation

- Frequency Range: 2400-2484MHz; 5150-5250MHz; 5725-5850MHz;
- FTX & RX: yes;
- Antenna Gain: 2.4G/4dBi; 5. 2G/3. 11dBi; 5. 8G/4. 05dBi
- Antenna input impedance: 50 Ohm.

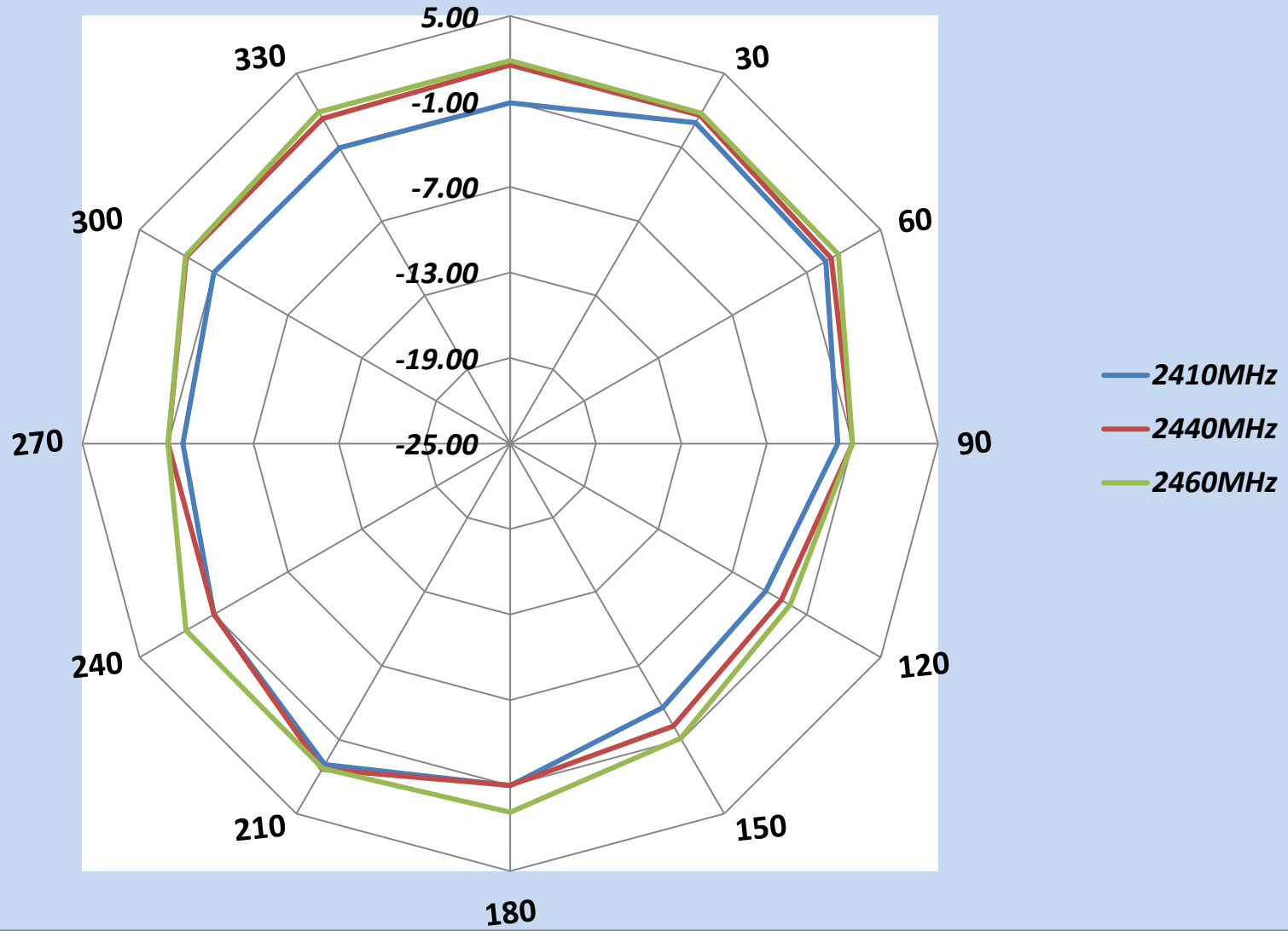
2.4G PCB diagram printed antenna



2.4GHz Total Efficiency/Gain:

Frequency (MHz)	Effi (%)	Gain(dBi)
2390	61.72	3.77
2400	59.63	3.59
2410	51.62	3.02
2420	53.66	3.03
2430	58.72	3.2
2440	59.58	3.31
2450	64.77	3.67
2460	66.76	3.87
2470	71.63	3.21
2480	65.92	3.85
2490	65.33	3.8
2500	68.98	4

PIFA Antenna (2.4G)



5.2/5.8 GHz Total Efficiency/Gain:

Frequency (MHz)	Effi (%)	Gain(dBi)
5150	64.63	2.57
5170	60.09	2.37
5190	70.6	3.11
5210	46.34	1.35
5230	52.06	2.34
5250	37.4	0.9
5270	51.82	2.27
5290	38.63	1.25
5310	49.16	2.38
5330	50.96	2.7
5350	73.6	4.42
5370	74.18	4.86
5390	81.71	4.73
5410	76.29	4.83
5430	73.55	4.52
5450	68.14	4.29

5470	69.08	4.16
5490	65.59	4.16
5510	68.16	4.47
5530	74.42	4.98
5550	67.45	4.47
5570	79.65	5.33
5590	78.69	5.21
5610	80.2	5.5
5630	72.44	4.79
5650	70.87	4.66
5670	59.05	4.77
5690	57.78	3.48
5710	49.72	2.71
5730	63.4	3.51
5750	61.5	3.48
5770	68.96	4.05
5790	84.77	0.28
5810	81.37	-0.2
5830	81.64	0.67

5850	81.58	-0.1
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PIFA Antenna (5G)

