

Electrical Properties	
Frequency Range	2.4~5.85GHZ
Impedance	50 Ω
V.S.W.R.	≤2.0
Radiation	Omni
Gain	3dbi
Polarization	Vertical
Mechanical Properties	
Whip	TPEE
Standard Connector	RP SMA(Male)
Weight	- g(est)
Operating Temp	-40°~ +80°

NO	Name	Material	Finish	QTY	Raw Material Manufacturer Name
1	TOP	TPEE	BLACK	1	RUNSHUN
2	BASE	PC+PBT	BLACK	1	RUNSHUN
3	Antenna	BRASS		2	RUNSHUN
4	CABLE	RG1.78	Brown	1	
5	Connector	BRASS C3604	NI	1	RUNSHUN
6	Connector cover	POM	BLACK	1	RUNSHUN
7	PIN 母针	BRASS C3600	GOLD 2U"	1	RUNSHUN
8	绝缘PTFE	PTFE		1	RUNSHUN
9					

THIRD ANGLE PROJECTION 	DRAWN BY	li	MATERIAL:		PART NO:	D107. W3. 0. 991
	CHECKED BY		FINISH:	BLACK	TITLE:	2. 4/5X Antenna (REV2. 0)
	APPROVED BY	King	UNIT:	mm		
	DATE:	21. 3. 31	SCALE:	1/1		
Tolerance . X ±0.1 . XX ±0.05 . x ±1°			RUNSHUN Dongguan Run Shun /www.rsantenna.com			

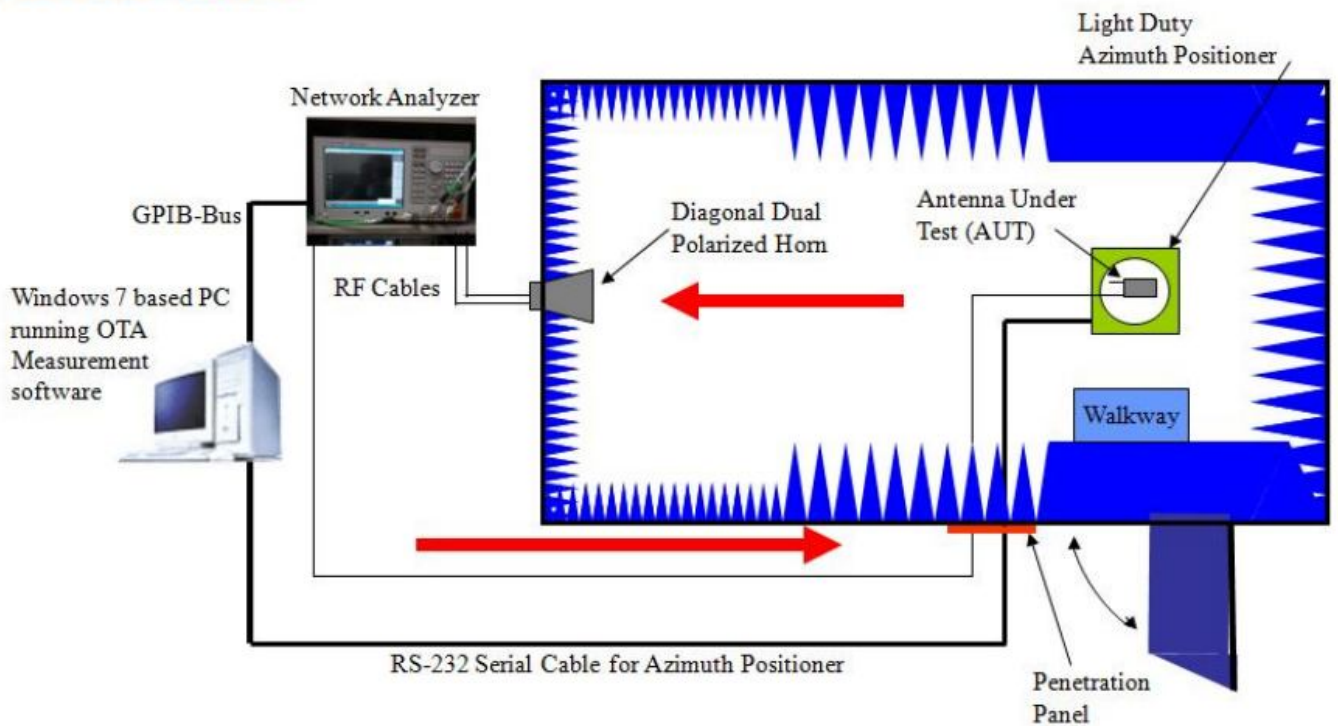
产 品 规 格 概 述
Overview of product specification

Electrical properties	
Frequency	2.4~2.5GHZ 5.15~5.85GHZ
Impedance	50 ohm Nominal
Return Loss	-10 dBi
VSWR Port 1&2	2.0:1 MAX
Gain	2DB
Connector	RP-SMA Male
Cable length	RG178 CABLE
Coax cable loss	1.7dB/M~1GHZ 2.42dB/M~2GHz 3.08dB/M~3GHz 3.63dB/M~4GHz 4.15db/M~5GHz 4.8db/M~6GHz
Mechanical Properties	
Radome	UV Resistant TPEE
Operating Temp	-40°C to +80°C
Radome Color	Black

产品照片
Product Photos



Passive mode

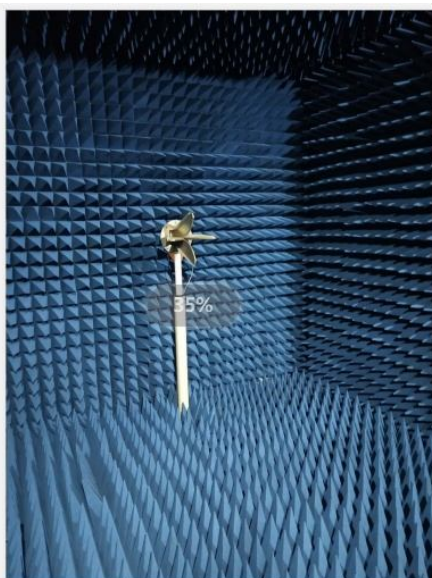


TEST INSTRUMENT :

1. AGILENT E5071C NETWORK ANALYZER
2. 3D OTA Chamber(WanShih)

Anechoic Chamber External Dimensions

(L x W x H): 8m x 4m x 4m

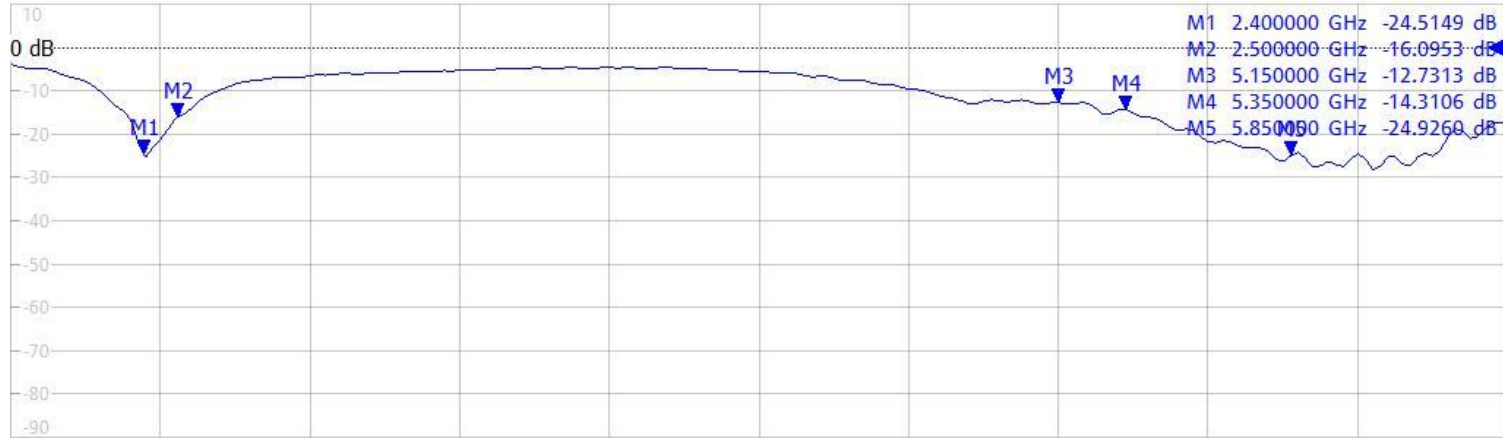


VSWR

12/22/2020 8:44:39 AM
1328.5170K92-101595-Kd

Trc1 — S11 dB Mag 10 dB/ Ref 0 dB Cal

1



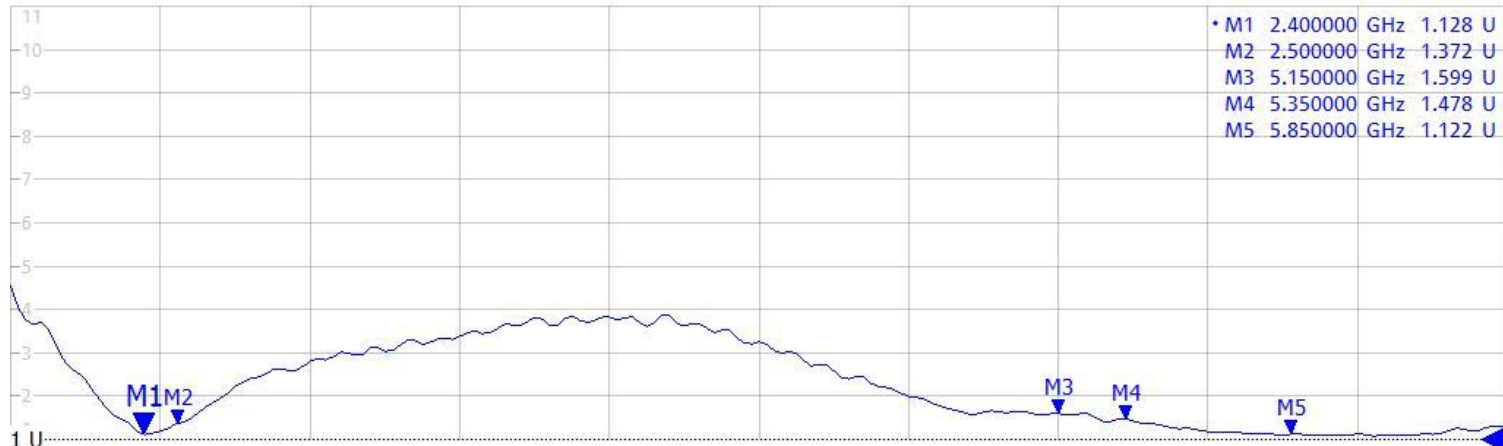
Ch1 Start 2 GHz

Pwr -10 dBm Bw 10 kHz

Stop 6.5 GHz

Trc2 — S11 SWR 1 U/ Ref 1 U Cal

2

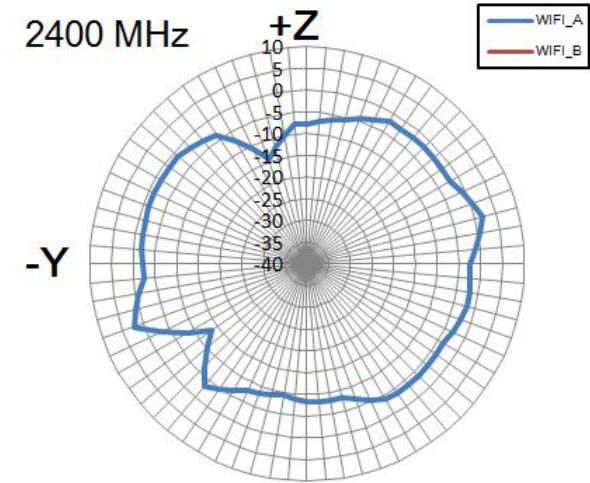
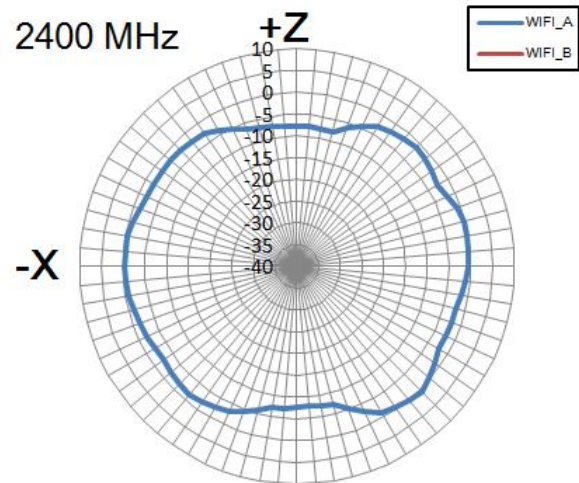
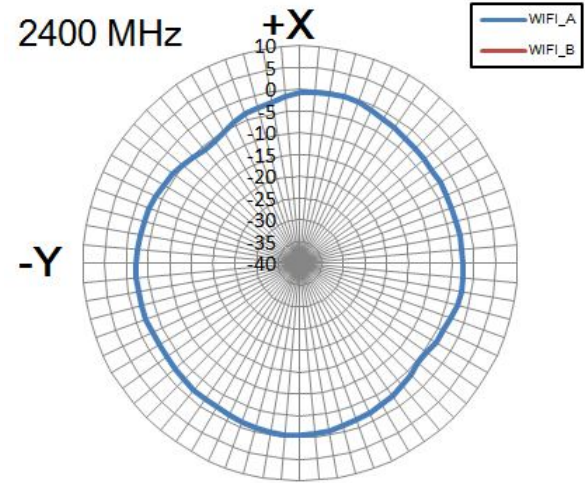


Ch1 Start 2 GHz

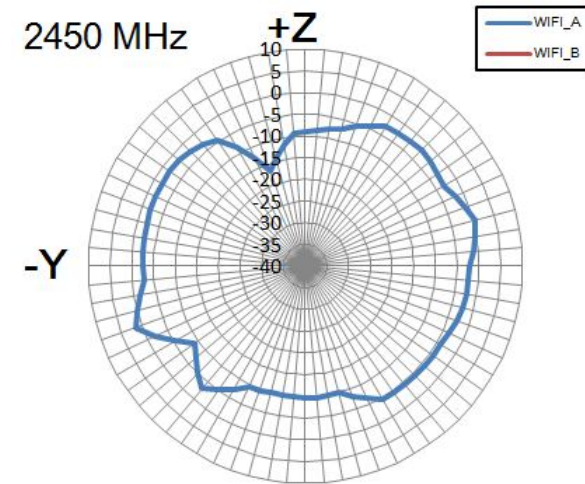
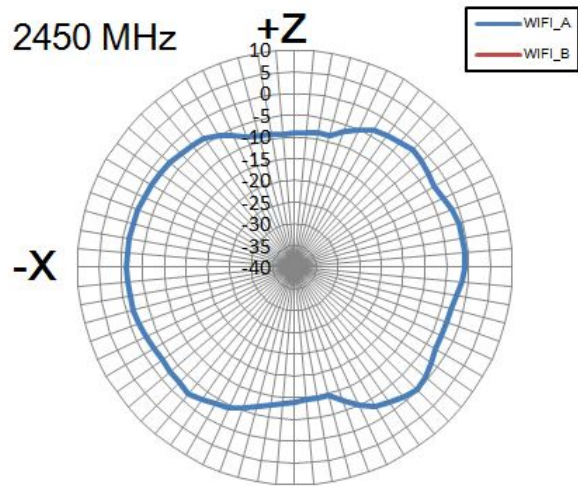
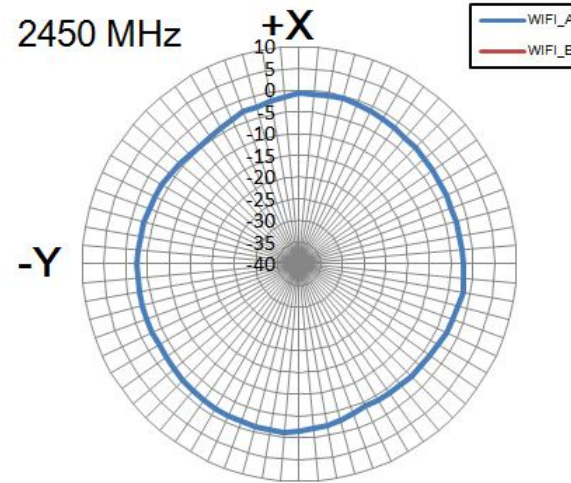
Pwr -10 dBm Bw 10 kHz

Stop 6.5 GHz

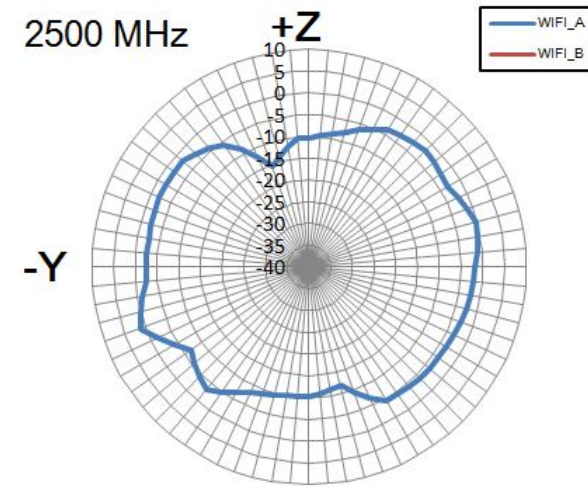
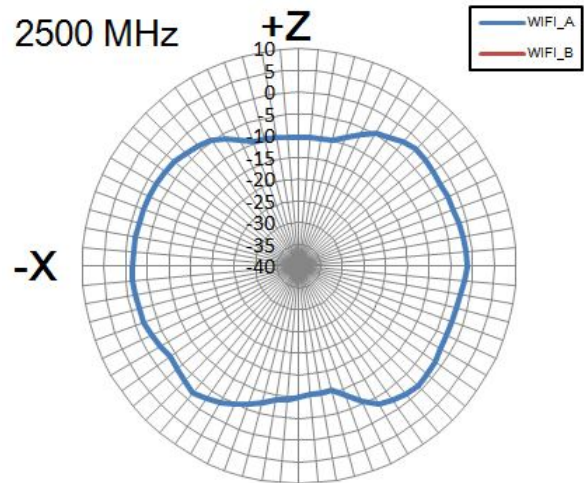
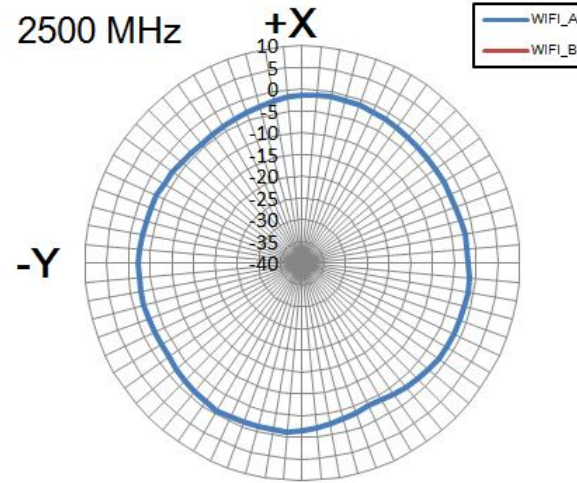
2400



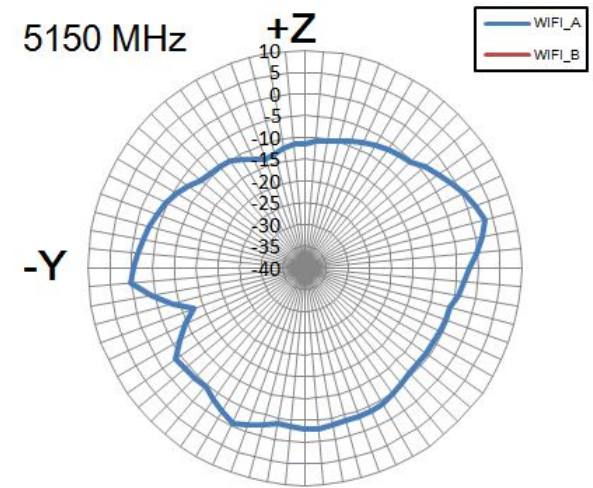
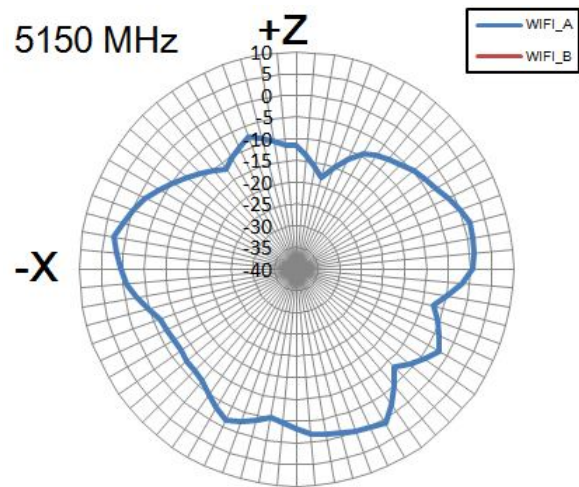
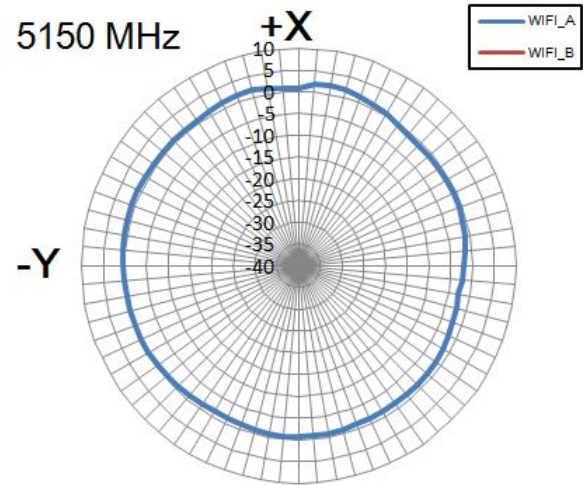
2450



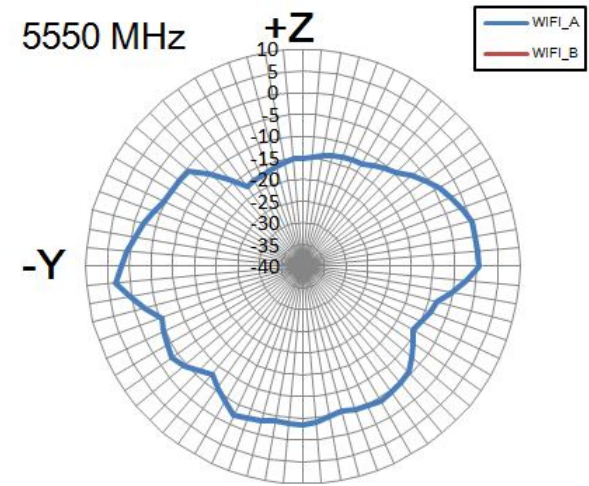
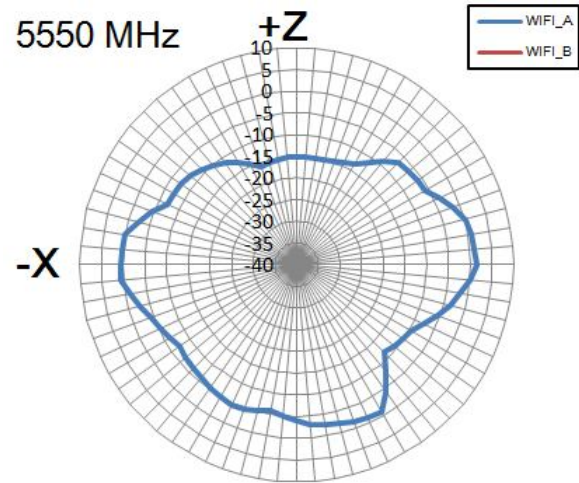
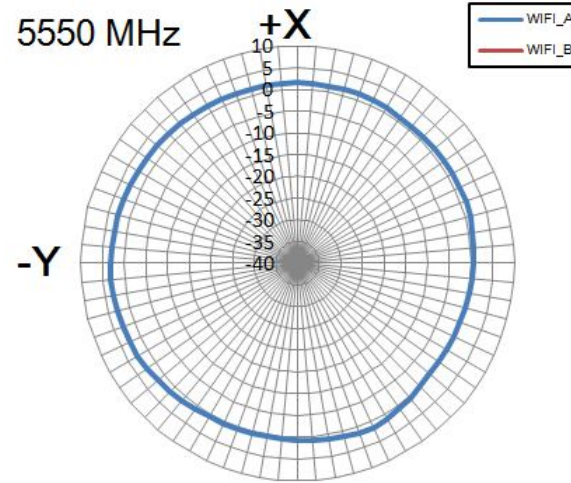
2500



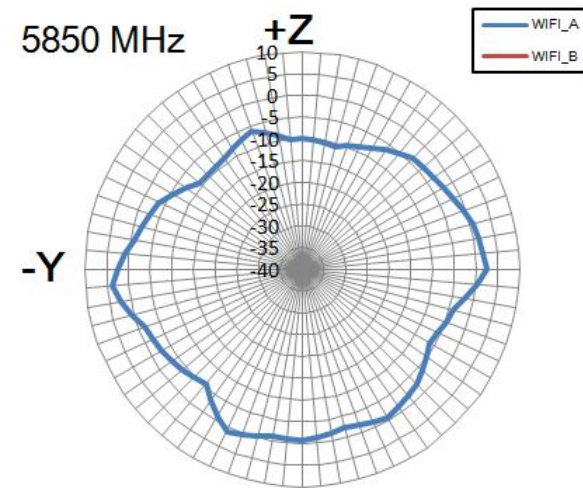
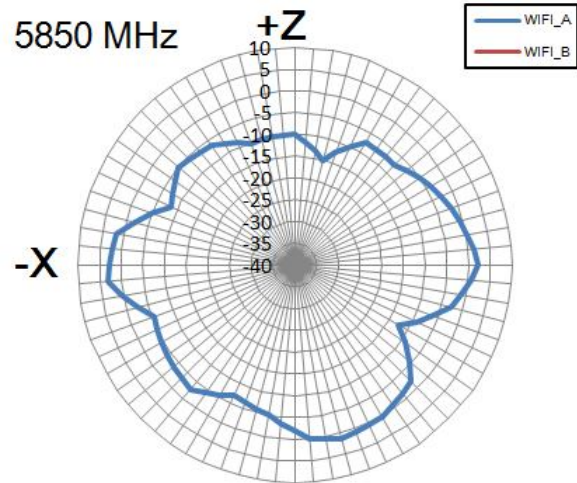
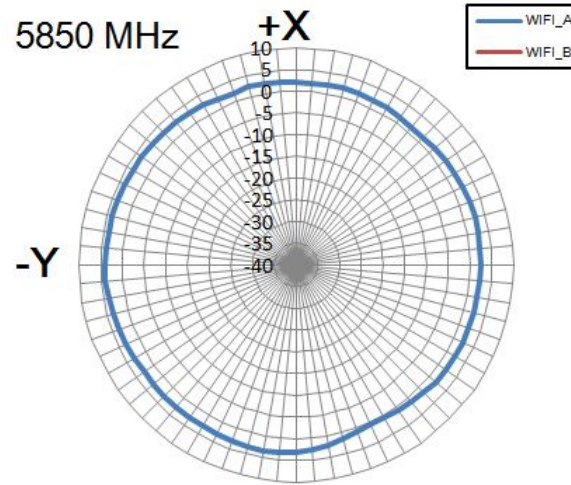
5150



5550



5850



Total	Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500	5050	5150	5250	5350	5450	5550	5650	5750	5850	5950
	Peak EIRP (dBm)	2.57121	2.26567	2.07323	2.02776	1.82921	1.74894	1.58671	1.56206	1.57547	1.57962	1.46997	3.44518	3.34059	2.70948	2.69214	4.11586	3.24648	2.72218	3.46277	4.12273	3.52581
	Efficiency (%)	66.7957	64.2367	62.0009	60.7156	59.054	57.7979	56.9765	56.3195	56.1502	56.0384	55.4813	65.7202	60.1774	56.4901	55.8958	65.5755	51.4105	48.288	55.5959	69.6745	62.4699