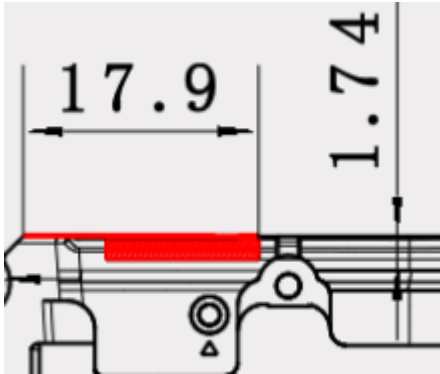
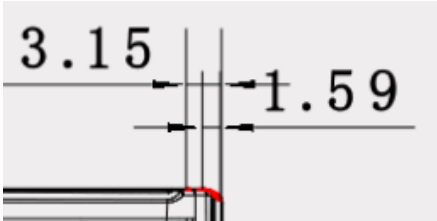
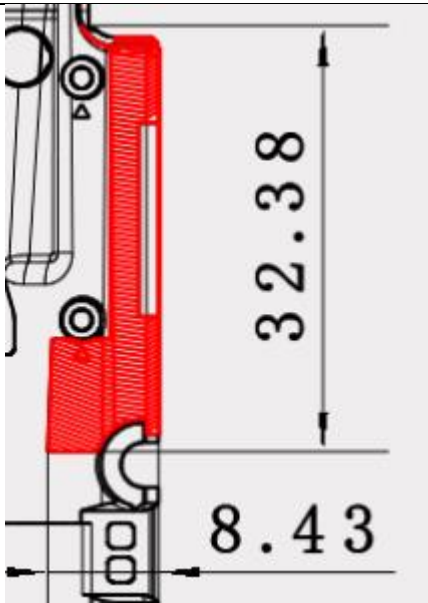
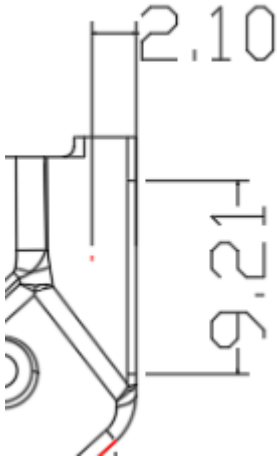
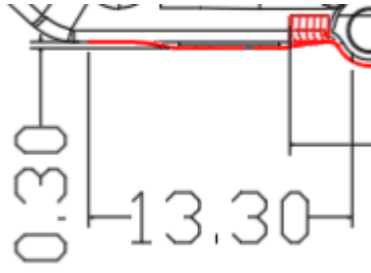
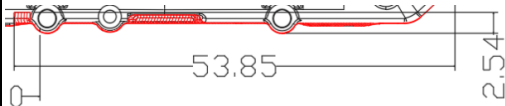
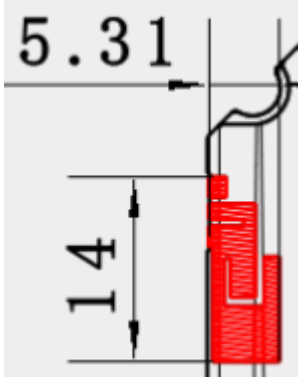
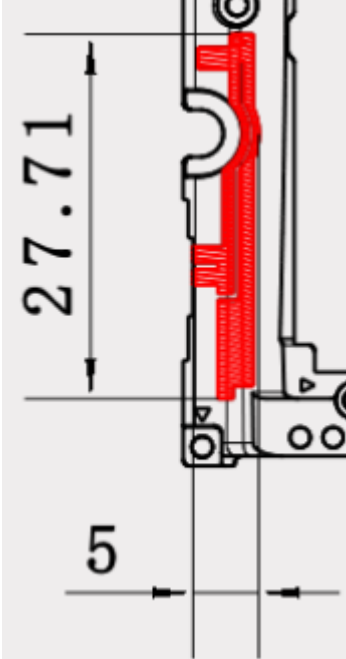


Technical Specification			
Antenna Mode	ZN139T	Manufactured	Shenzhen 3Good Wireless Communication Co.,LTD.
Address	Room501-508, Jinfulai Building No.49-1Dabao Road,BaoAn,ShenZhen, GuangDong		
Size & Picture			
	Ant0:17.9*1.74*20mm PIFA		Ant1: 3.15*1.59*20mm PIFA
			
	Ant2: 32.28*8.43*20mm PIFA		Ant3:9.21*2.10*12.18mm PIFA
			
	Ant4: 13.3*0.3*12.18mm PIFA		Ant5: 53.83*2.54*12.18mm PIFA

				
	Ant6: 12.86*3.16*12.18mm PIFA		Ant7: 14*5.31*20mm PIFA	
				
	Ant8: 27.71*5*20mm PIFA			

Technical Specification

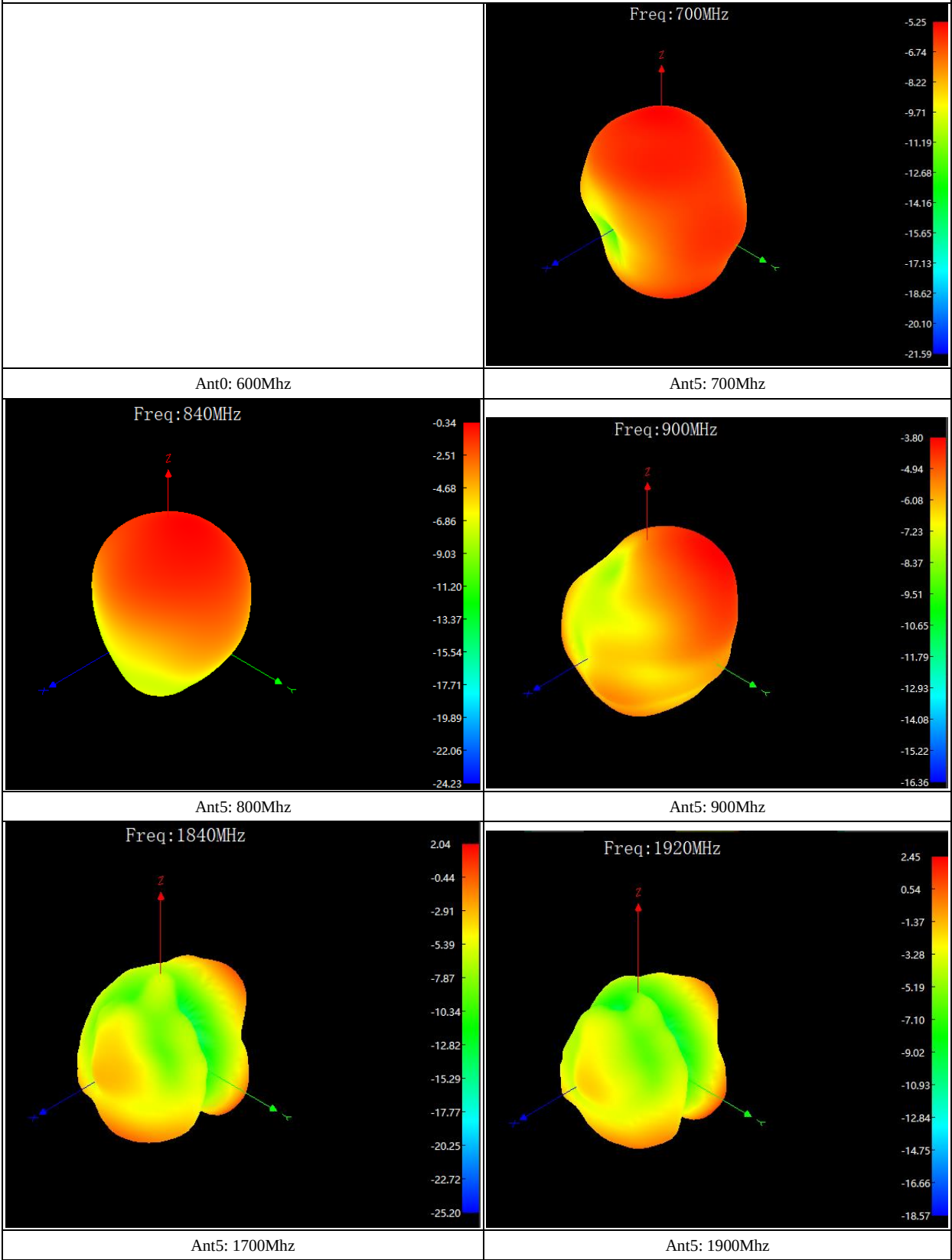
Band		Mode	Name	Frequency	Antenna Type	Antenna Max Gain	
GSM Band	☒ GSM 850			824-894	PIFA	-0.34	dBi
	☒ GSM 900			880-960		-3.8	
	☒ DCS 1800			1710-1880		2.04	
	☒ PCS 1900			1850-1990		2.45	
CDMA Band	☒ BC0 800		800 MHz	815-894	PIFA		dBi
	☒ BC1 1900		1900 MHz	1850-1990			
	☒ BC10 800		Secondary 800 MHz	806-940			
UMTS Band	☒ Band-01 2100		IMT	1920-2170	PIFA	2.45	dBi
	☒ Band-02 1900		PCS A-F	1850-1990		2.45	
	☒ Band-04 1700/2100		AWS A-F	1710-2155		2.04	
	☒ Band-05 850		CLR	824-894		-0.34	

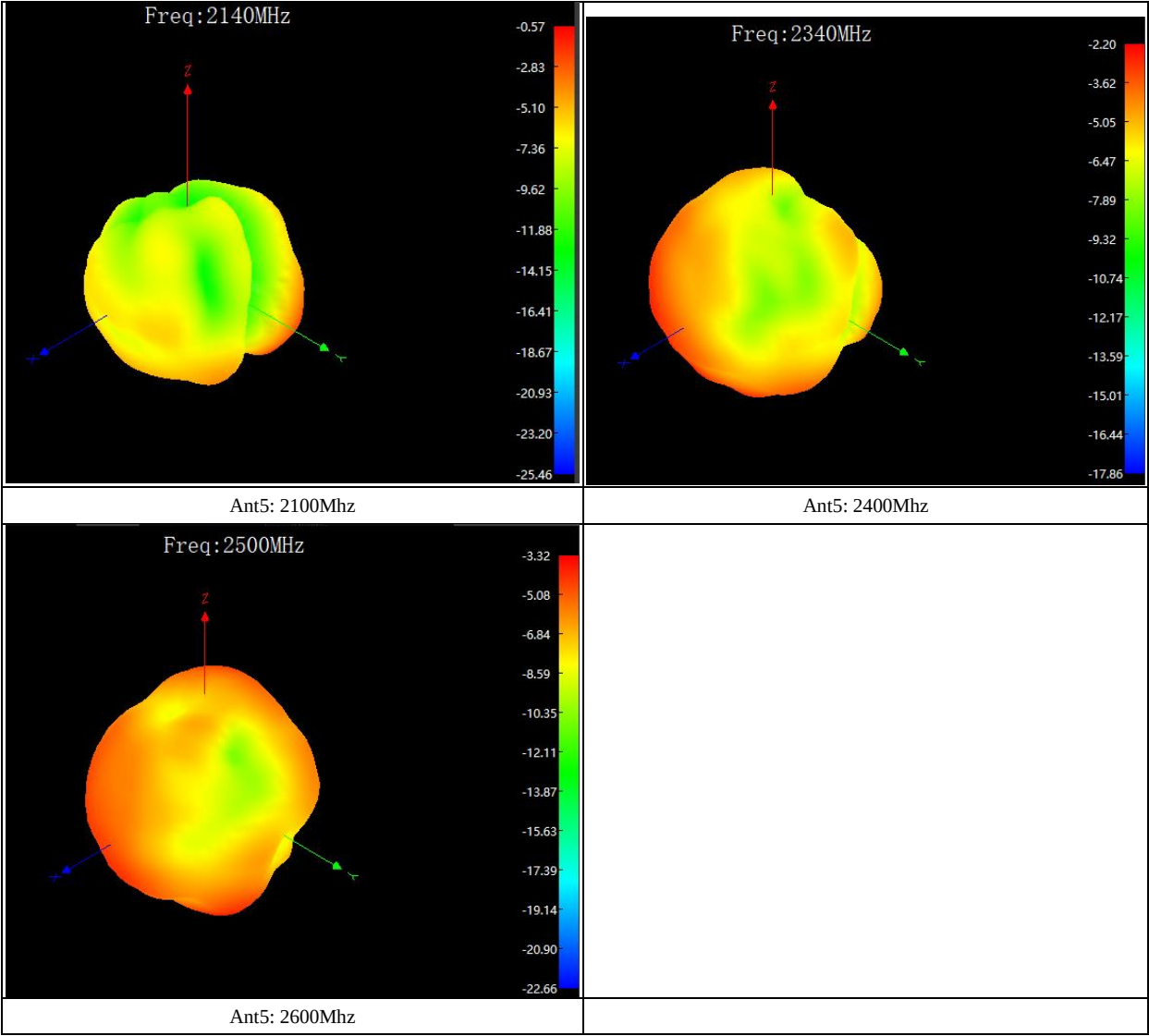
	☒ Band-06 800		UMTS 800	830-885		-0.34	
	☒ Band-08 900		E-GSM	880-960		-3.8	
	☒ Band-19 800		LB 800	830-890		-0.34	
LTE Band	☒ Band-01 2100	FDD	IMT	1920-2170	PIFA	2.45	dBi
	☒ Band-02 1900	FDD	PCS	1850-1990		2.45	
	☒ Band-03 1800	FDD	DCS	1710-1880		2.04	
	☒ Band-04 1700/2100	FDD	AWS	1710-2155		2.04	
	☒ Band-05 850	FDD	CLR	824-894		-0.34	
	☒ Band-07 2600	FDD	IMT-E	2500-2690		-3.32	
	☒ Band-08 900	FDD	EGSM	880-960		-3.8	
	☒ Band-12 700	FDD	LSMH	699-746		-5.25	
	☒ Band-13 700	FDD	USMH	746-787		-5.25	
	☒ Band-17 700	FDD	LSMH	704-746		-5.25	
	☒ Band-18 800	FDD	Lower 800	815-875		-0.34	
	☒ Band-19 800	FDD	Upper 800	830-890		-0.34	
	☒ Band-20 800	FDD	EUDD	791-862		-0.34	
	☒ Band-25 1900	FDD	EPCS	1850-1995		2.45	
	☒ Band-26 850	FDD	ECLR	814-894		-0.34	
	☒ Band-28 700	FDD	APT	703-803		-5.25	
	☒ Band-34 2000	TDD	IMT	2010-2025		1.51	
	☒ Band-38 2600	TDD	IMT-E	2570-2620		0.35	
	☐ Band-39 1900	TDD	DCS–IMT Gap	1880-1920			
	☒ Band-40 2300	TDD	S-Band	2300-2400		-2.2	
	☒ Band-41 2500	TDD	BRS	2496-2690		0.35	
	☒ Band-66 1700	FDD	Extended AWS	1710-2200		2.04	
	☐ Band-71 600	FDD	USDD	617-698			

Technical Specification							
Band		Mode	Name	Frequency	Antenna Type	Antenna Max Gain	
WiFi	☒ 802.11b/g/n	2.4GHz	Wi-Fi 4	2401-2495	PIFA	1.45	dBi
	☒ 802.11a/n/ac	5GHz	Wi-Fi 5	4910-5895		2.06	
BT	☒ Bluetooth			2400-2500	PIFA	1.45	dBi
GPS	☒ Gps L1 Band			1575.42	PIFA	-0.84	dBi
	☐ Gps L2 Band			1227.6			
	☐ Gps L5 Band			1176.45			

Technical Specification

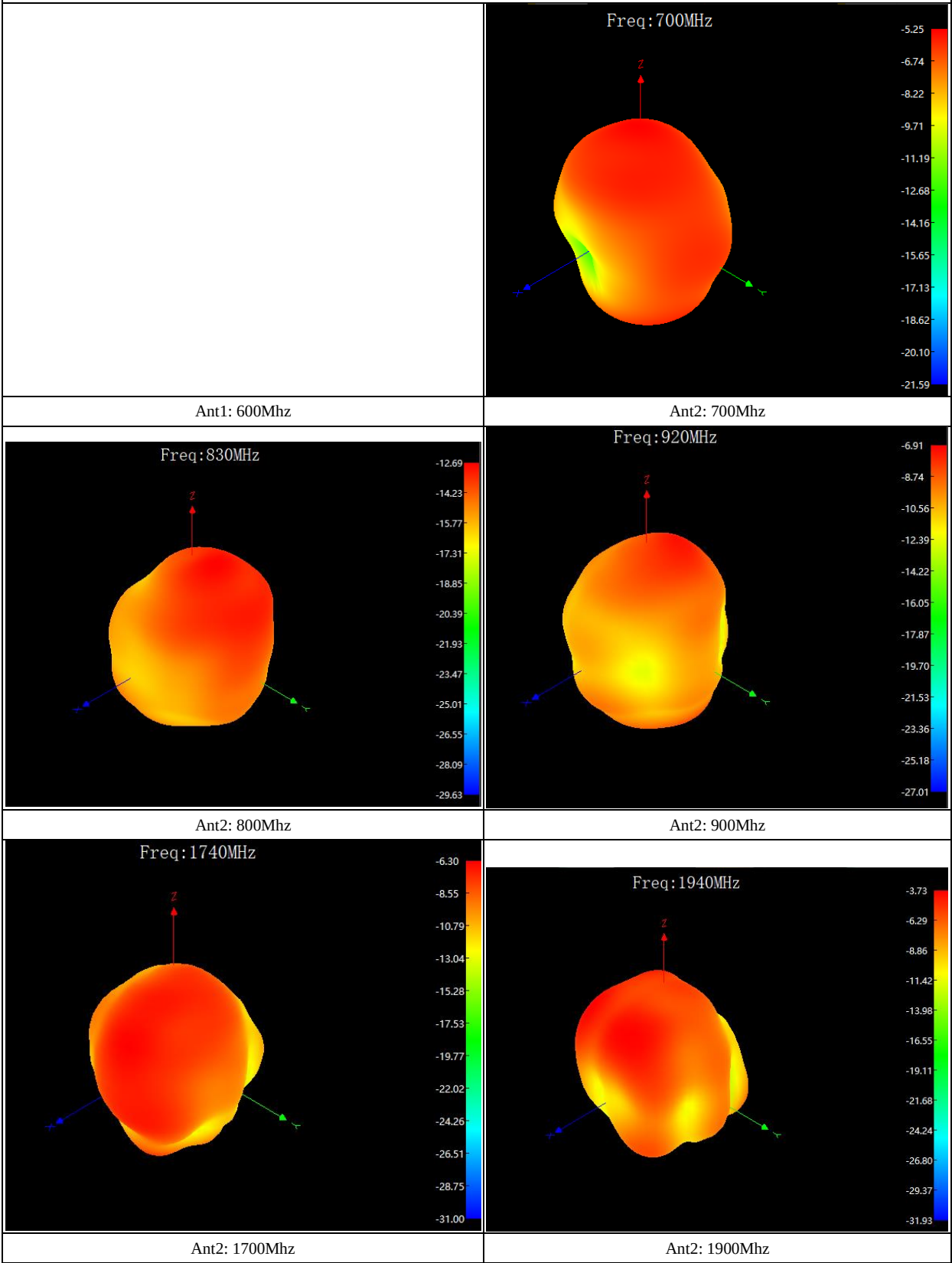
Ant5 3-D Patten Plots

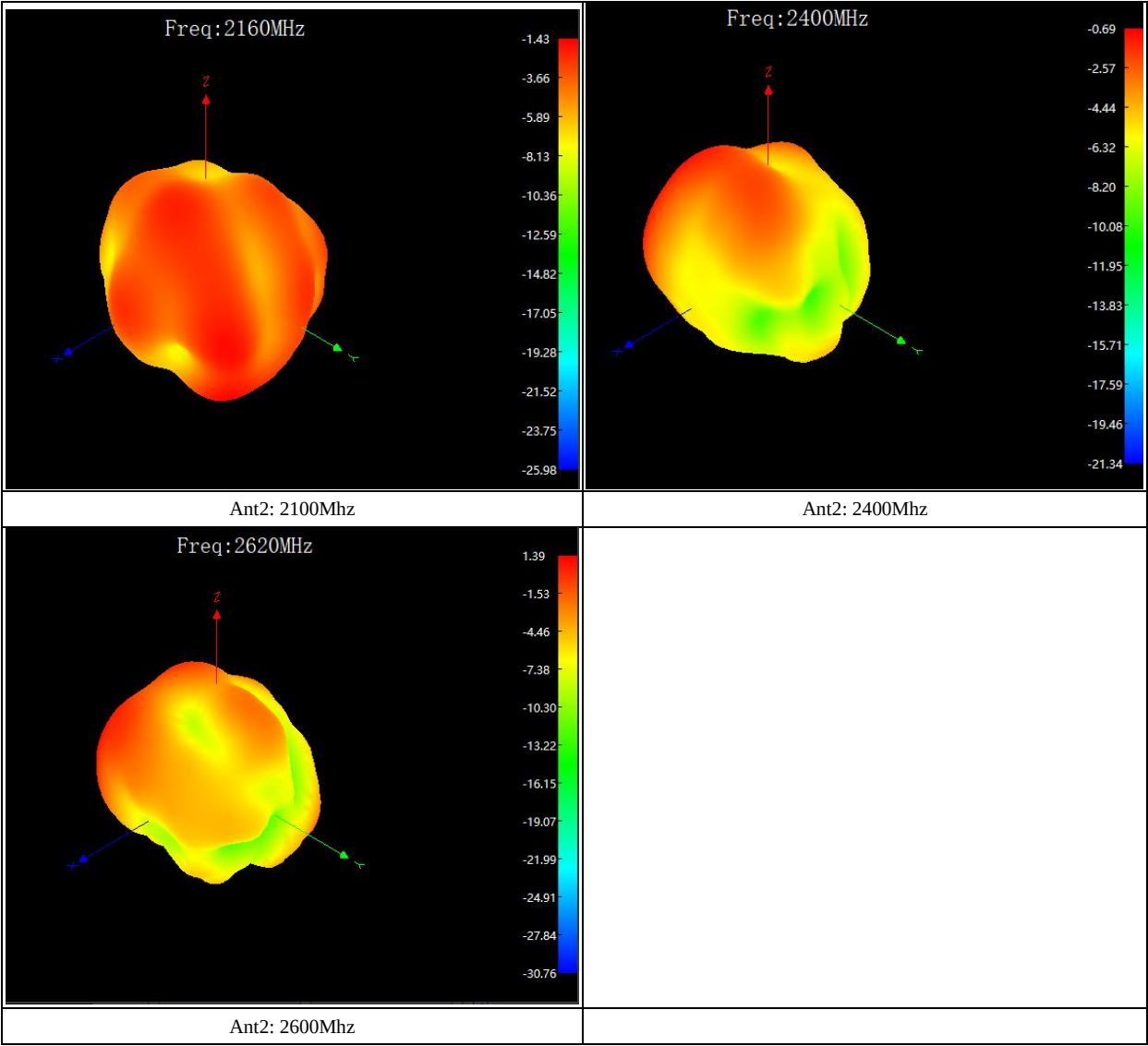




Technical Specification

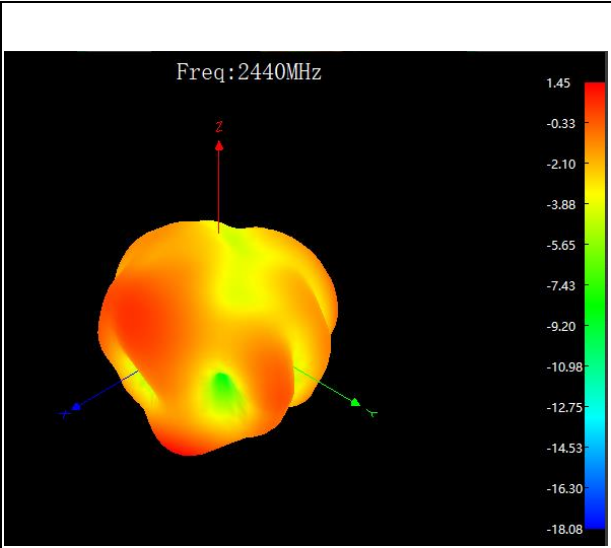
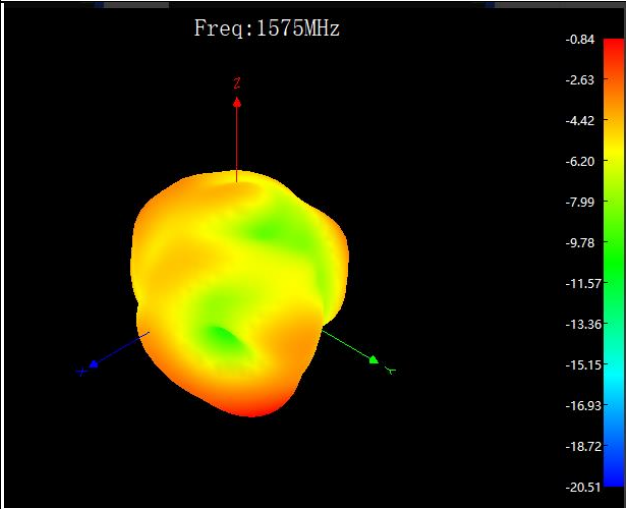
Ant2 3-D Patten Plots



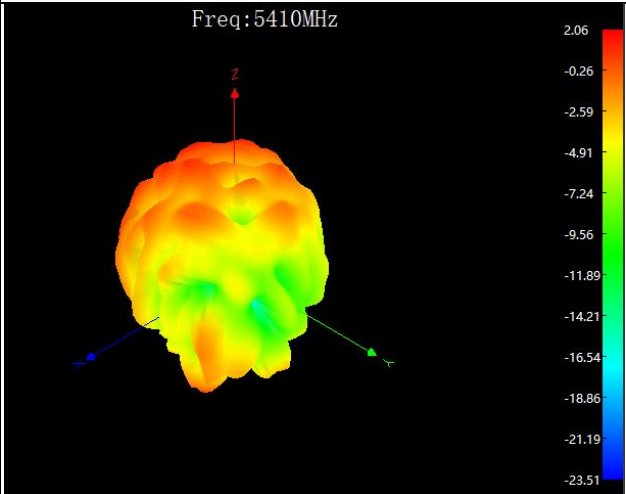


Technical Specification

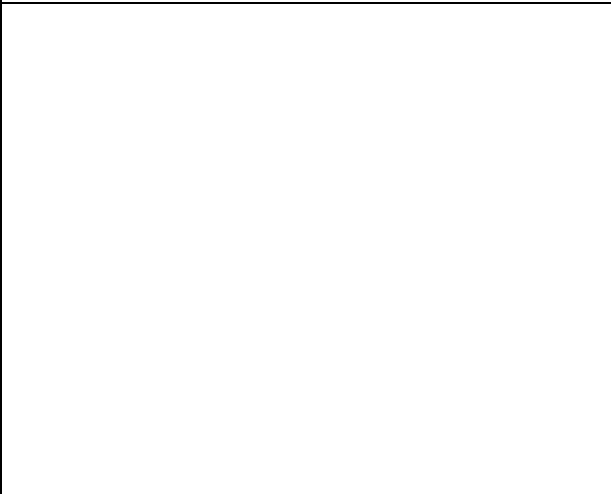
Ant0 Wifi/BT/GPS L1 3-D Patten Plots



Ant0: 1575.42Mhz

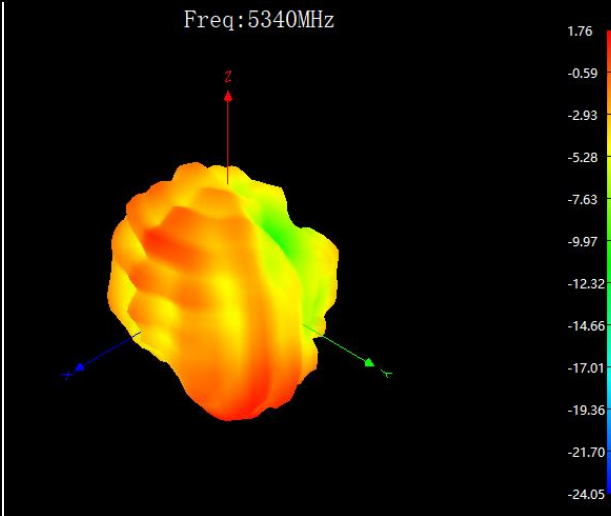
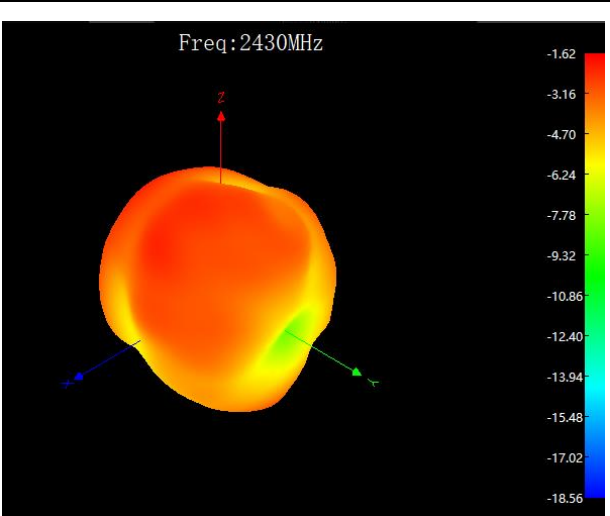


Ant0: 2440Mhz



Ant0: 5180Mhz

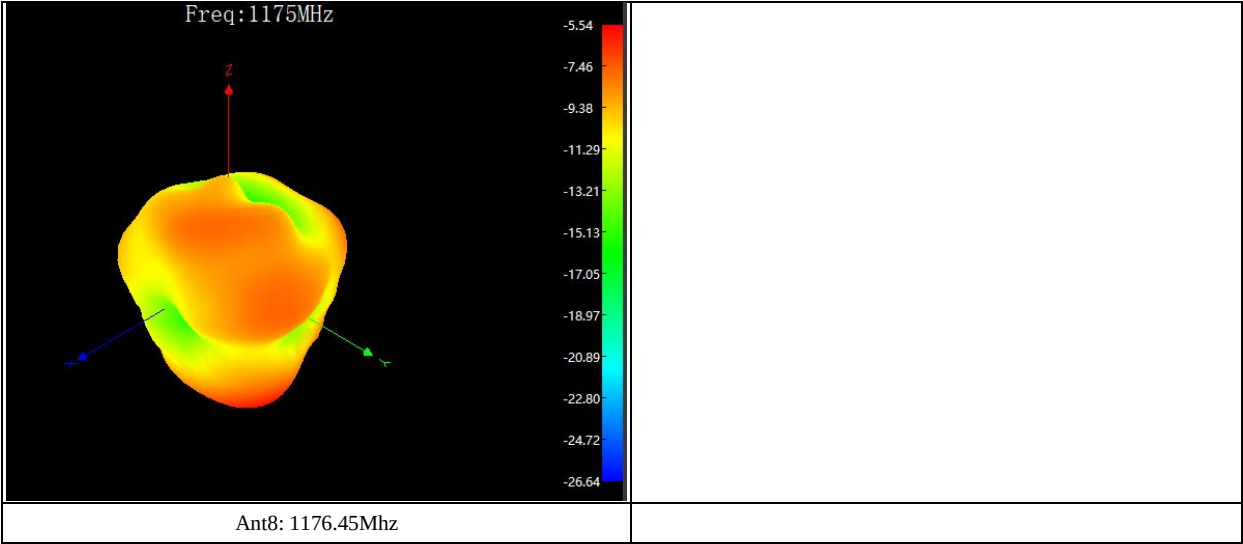
Ant7 Wifi mimo/GPS L5 3-D Patten Plots



Ant7: 2440Mhz

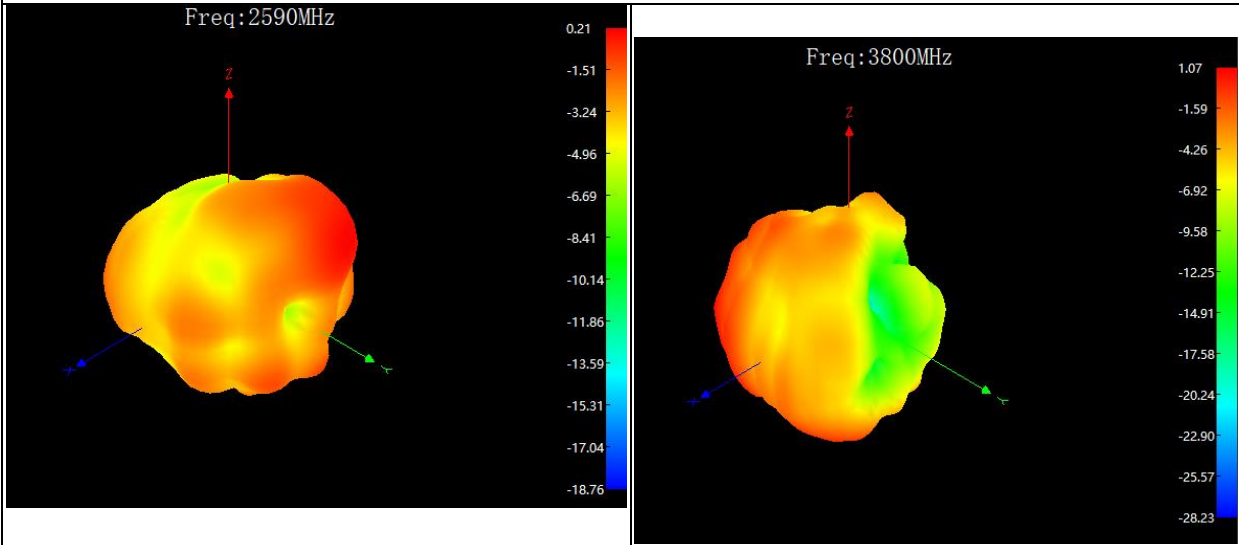
Ant7: 5180Mhz

Ant8 Wifi mimo/GPS L5 3-D Patten Plots



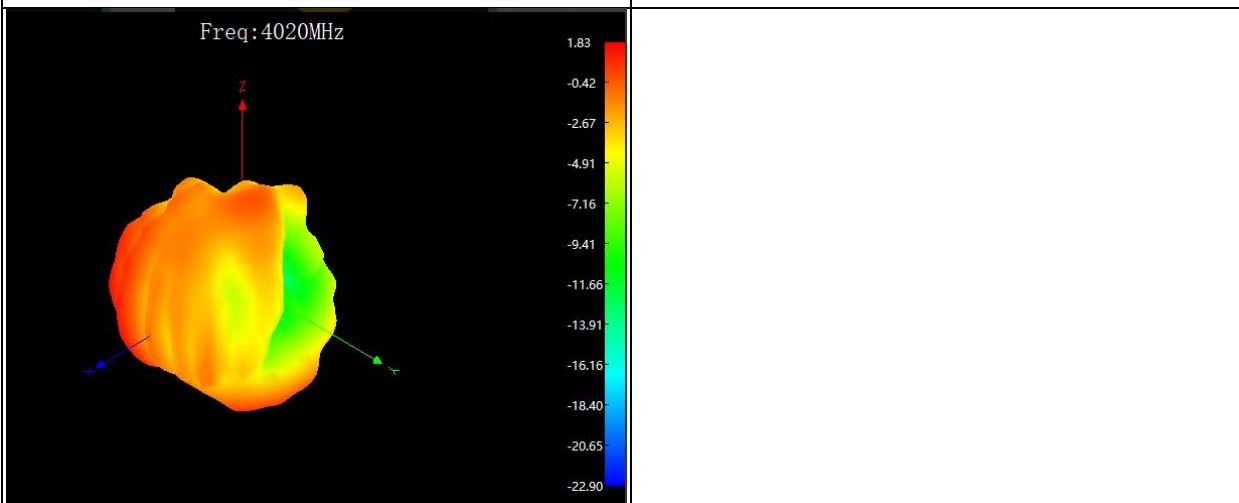
Technical Specification

Ant3 3-D Patten Plots



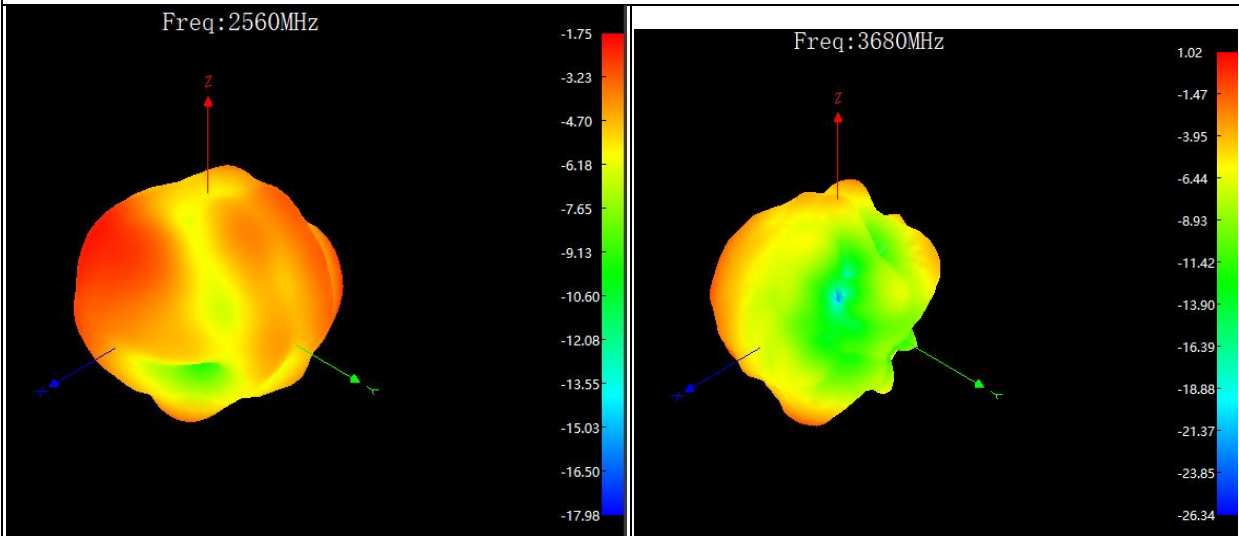
Ant3: 2600Mhz

Ant3: 3800Mhz



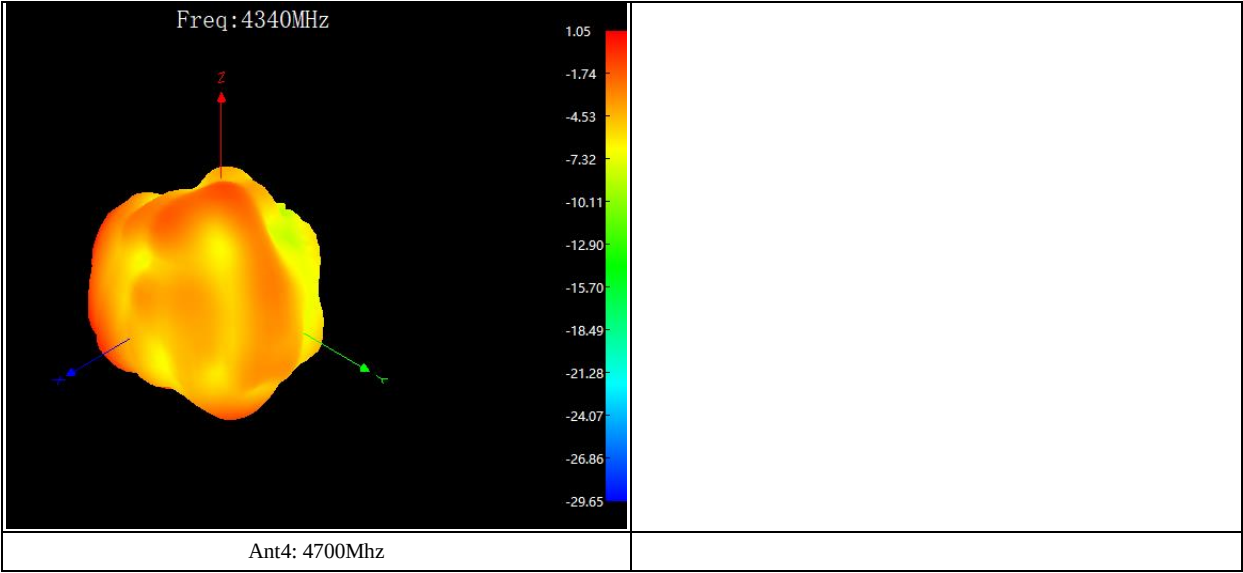
Ant3: 4020Mhz

Ant4 3-D Patten Plots



Ant4: 2600Mhz

Ant4: 3800Mhz



Technical Specification

Ant6 3-D Patten Plots

