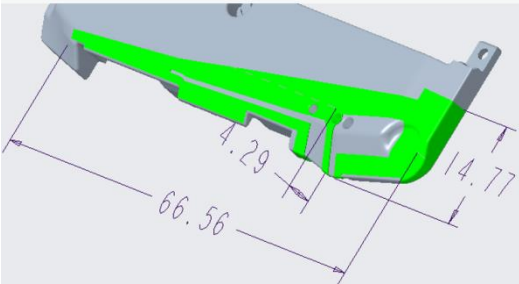
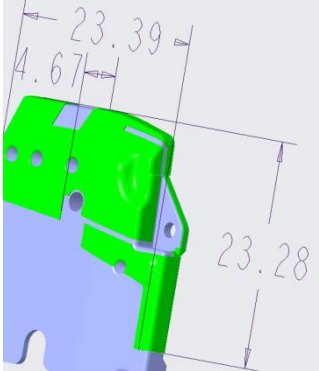
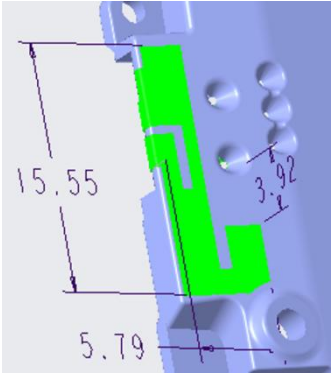
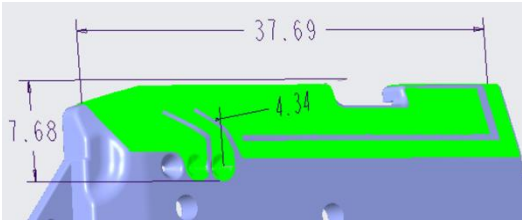
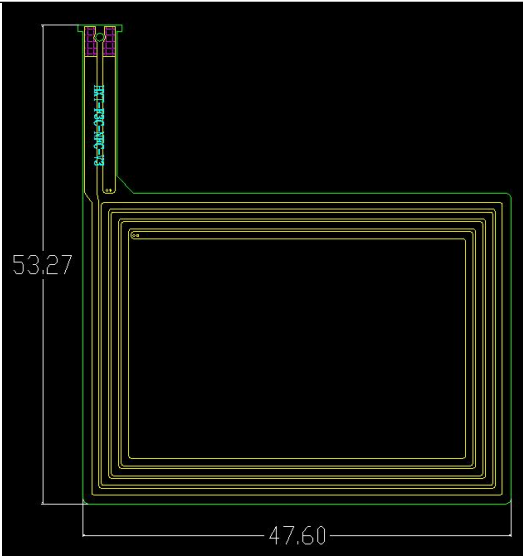


Technical Specification			
Antenna Mode	F3C	Manufactured	SHENZHEN HENGXIANGTONG ANTENNA TECNOLOGY CO., LTD.
Address	606, Building E, Enterprise Aviation Technology Innovation Research and Development Industrial Park, No. 1008, Songbai Road, Sunshine Community, Xili Street, Nanshan District, Shenzhen		
Size & Picture			
	Main:66.56*14.77*4.29mm LDS		AUX:23.39*23.28*4.67mm LDS
			
	W/B:15.55*5.79*3.92mm LDS		L1+L5:37.69*7.68*4.34mm LDS
			
	NFC :53.27*47.60mm FPC		

Technical Specification							
	Band	Mode	Name	Frequency	Antenna Type	Antenna Max Gain	
GSM Band	☒ Band-5 GSM 850			824-894	PIFA	-5.16	dBi
	☒ Band-8 GSM 900			880-960		-2.59	
	☒ Band-3 DCS 1800			1710-1880		-2.01	
	☒ Band-2 PCS 1900			1850-1990		-2.23	
UMTS Band	☒ Band-1 2100		IMT	1920-2170	PIFA	-1.86	dBi
	☒ Band-2 1900		PCS A-F	1850-1990		-2.23	
	☒ Band-4 1700		AWS A-F	1710-2155		-2.45	
	☒ Band-5 850		CLR	824-894		-5.16	
	☒ Band-8 900		E-GSM	880-960		-2.59	
LTE Band	☒ Band-1 2100	FDD	IMT	1920-2170	PIFA	-1.86	dBi
	☒ Band-2 1900	FDD	PCS	1850-1990		-2.23	
	☒ Band-3 1800	FDD	DCS	1710-1880		-2.01	
	☒ Band-4 1700	FDD	AWS	1710-2155		-2.45	
	☒ Band-5 850	FDD	CLR	824-894		-5.16	
	☒ Band-7 2600	FDD	IMT-E	2500-2690		-1.01	
	☒ Band-8 900	FDD	EGSM	880-960		-2.59	
	☒ Band-17 700	FDD	LSMH	704-746		-5.51	
	☒ Band-18 800	FDD	LSMH	815-875		-5.16	
	☒ Band-19 850	FDD	Upper 800	830-890		-5.16	
	☒ Band-20 800	FDD	EUDD	791-862		-5.16	
	☒ Band-25 1800	FDD	EPCS	1850-1995		-2.23	
	☒ Band-26 850	FDD	ECLR	814-894		-5.16	
	☒ Band-28 700	FDD	APT	703-803		-5.51	
	☒ Band-66 1700	FDD	Extended AWS	1710-2200		-2.45	
	☒ Band-38 2600	TDD	IMT-E	2570-2620		-1.01	
	☒ Band-39 1900	TDD	DCS-IMT Gap	1880-1920		-2.23	
	☒ Band-40 2300	TDD	S-Band	2300-2400		-1.33	
	☒ Band-41 2500	TDD	BRS	2496-2690		-1.01	

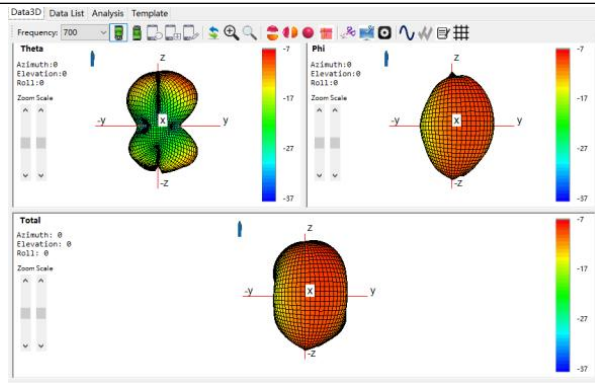
WiFi	☒ 802.11b/g/n	2.4GHz	Wi-Fi	2400-2483	PIFA	-1.12	dBi
				5150~5250		-0.40	
	☒ 802.11a/n	5GHz	Wi-Fi	5250~5350		-0.18	
				5470~5725		-0.39	
				5725~5850		-0.74	
BT	☒ Bluetooth	2.4GHz	BT	2400-2483	PIFA	-1.12	dBi
GPS	☐ Gps L5 Band			1176.45	PIFA		
	☒ Gps L1 Band			1575.42	PIFA	-2.51	dBi
NFC	13.56MHz				PIFA	0	dBi

For NFC antenna:

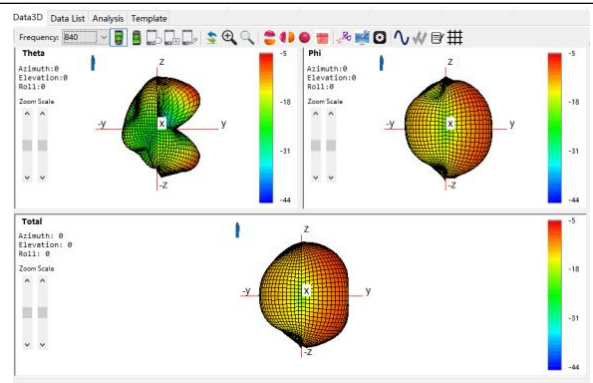
We, Shenzhen DOOGEE Hengtong Technology CO.,LTD, states that All measurements were performed radiated and therefore additional antenna gain documentation is not required.

Technical Specification

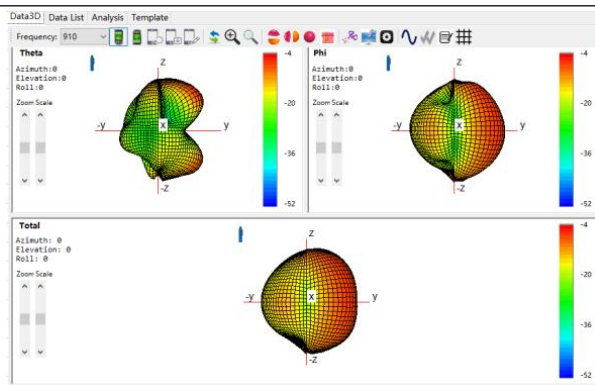
Main 3-D Patten Plots



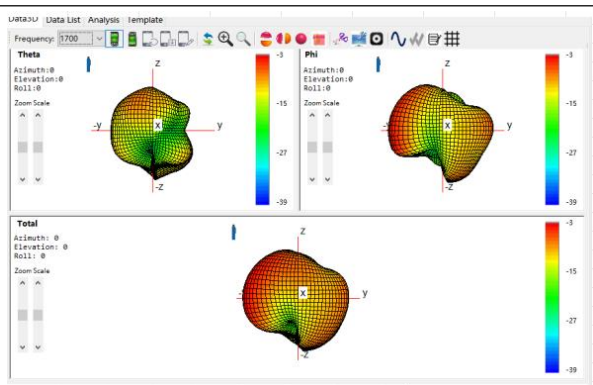
Main: 700Mhz



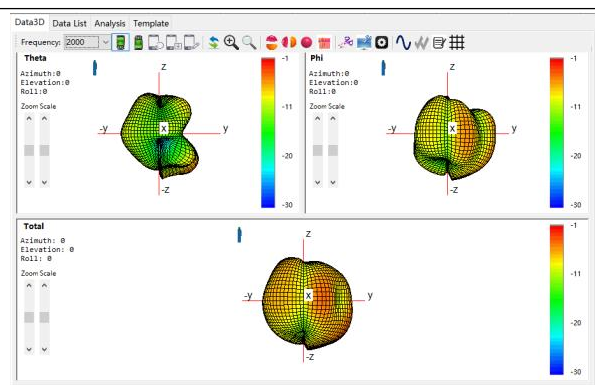
Main: 800Mhz



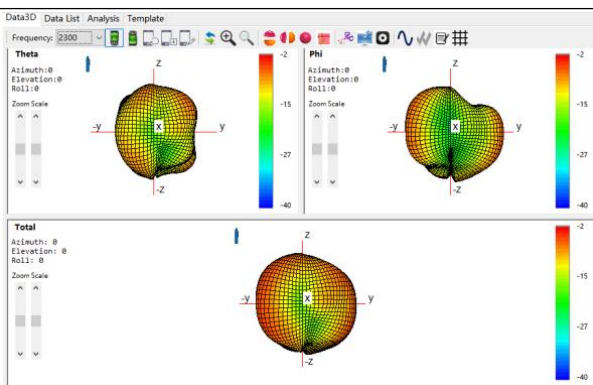
Main: 900Mhz



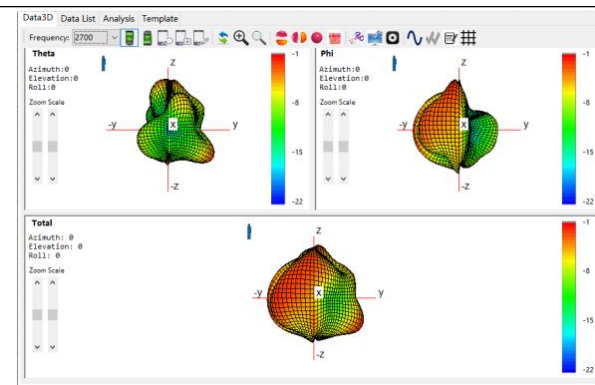
Main: 1700Mhz



Main: 1900Mhz



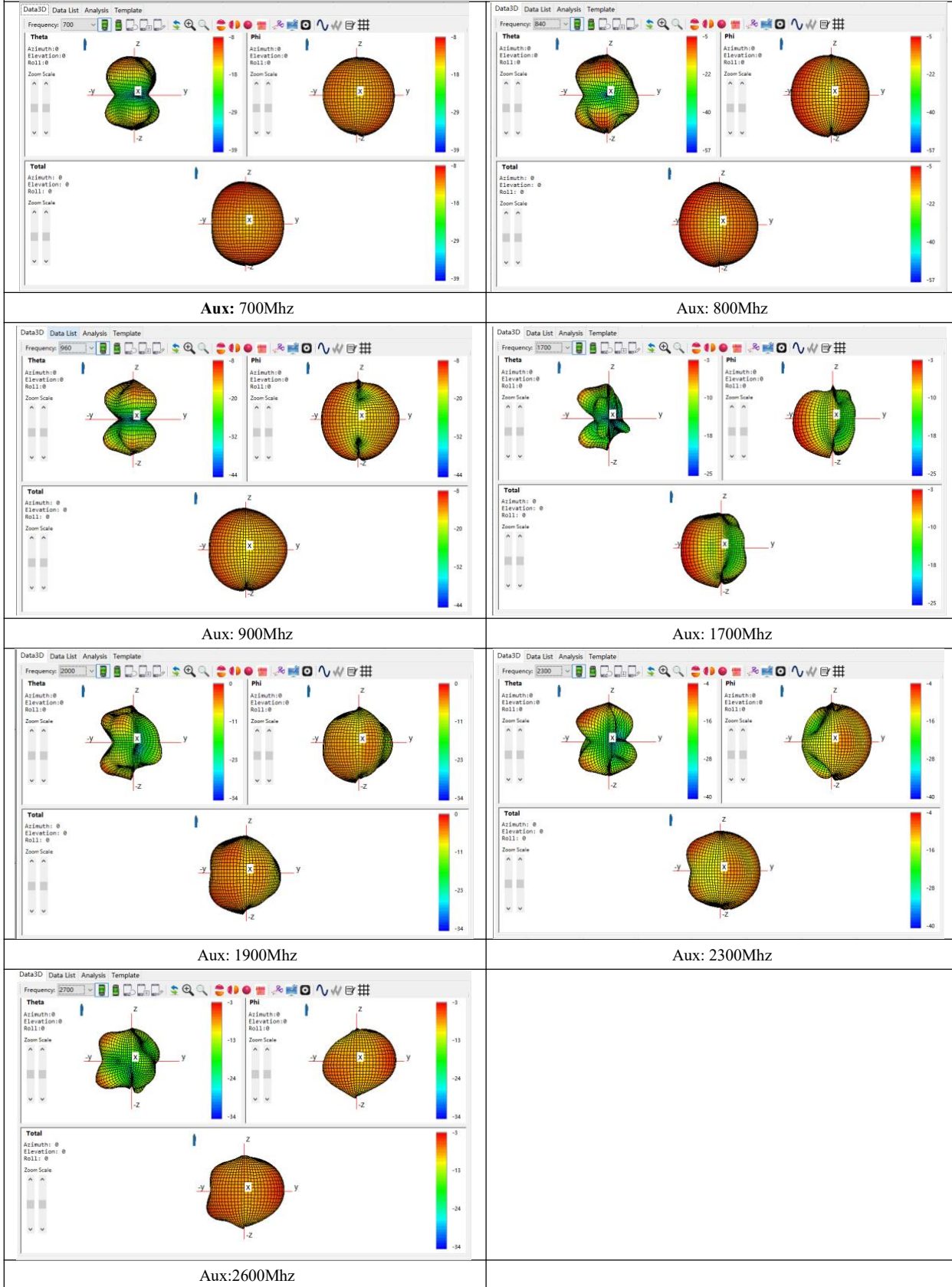
Main: 2300Mhz



Main: 2600Mhz

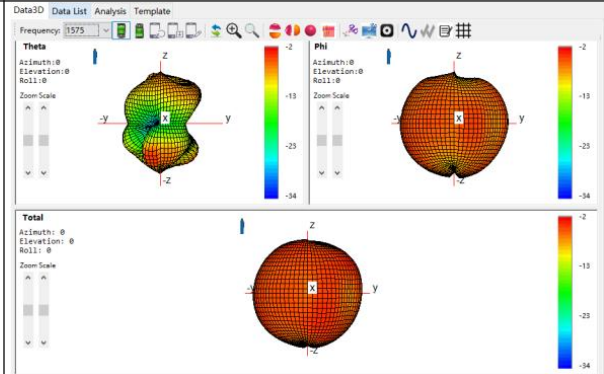
Technical Specification

Aux 3-D Patten Plots



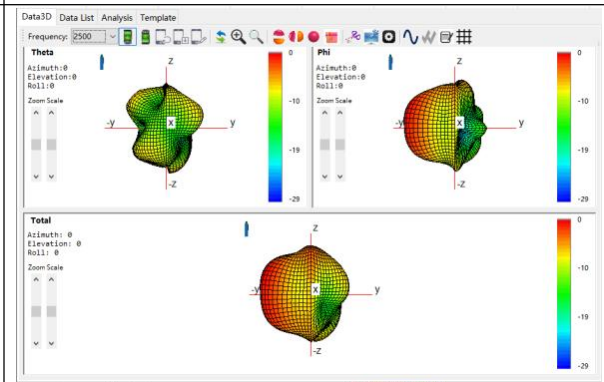
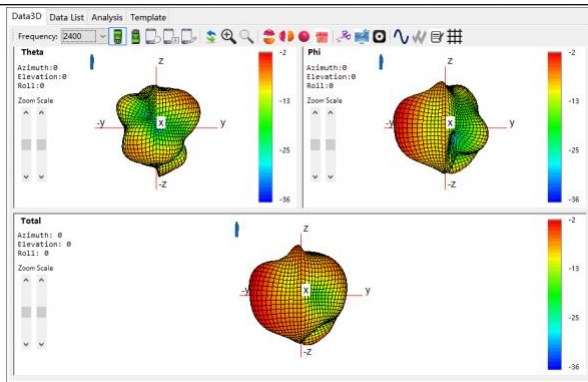
Technical Specification

G/W/B 3-D Patten Plots



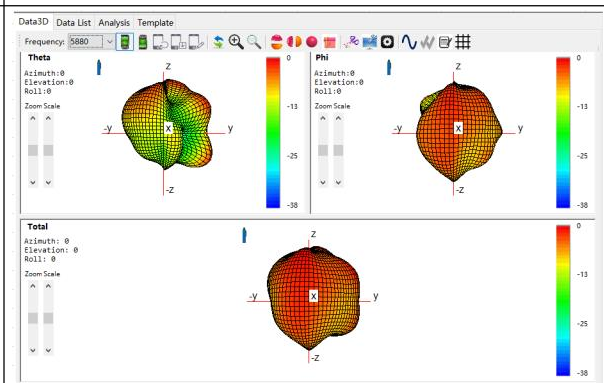
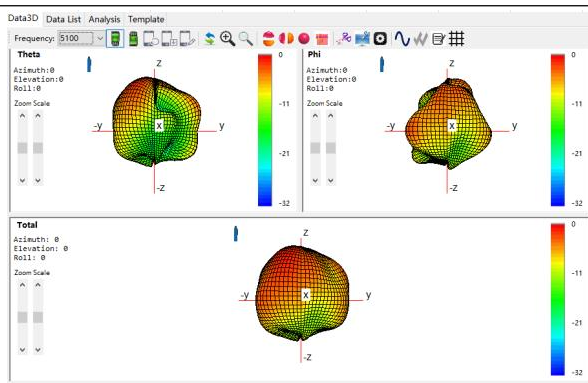
GPS:1176.45Mhz

GPS:1575.42Mhz



W/B:2400Mhz

W/B: 2500Mhz



W/B: 5180Mhz

W/B: 5840Mhz