

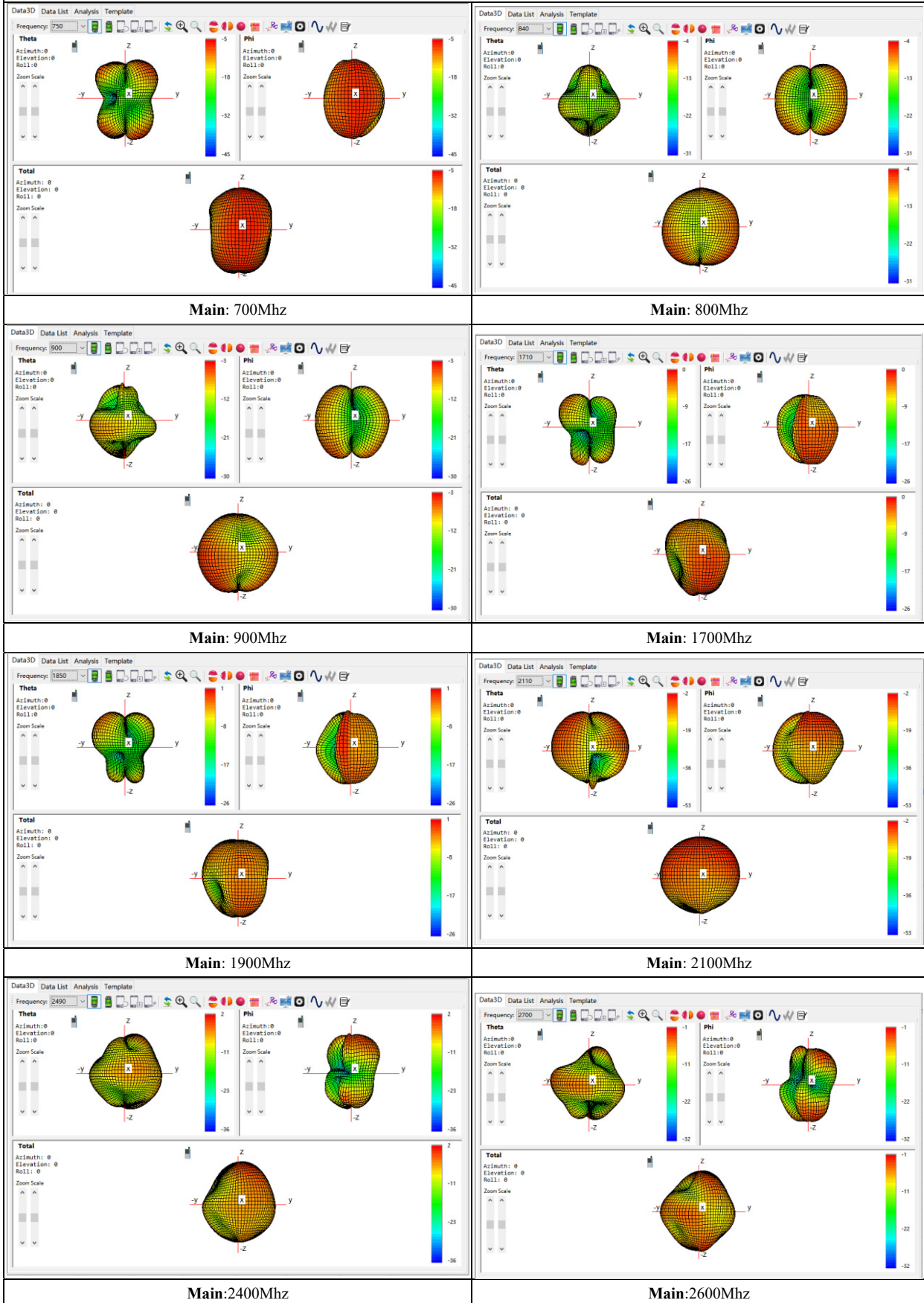
Technical Specification			
Antenna Mode	P42	Manufactured	SHENZHEN HENGXIANGTONG ANTENNA TECNOLOGY CO., LTD.
Address	606, Building E, Enterprise Aviation Technology Innovation Research and Development Industrial Park, No. 1008, Songbai Road, Sunshine Community, Xili Street, Nanshan District, Shenzhen		

Technical Specification

Band		Mode	Name	Frequency	Antenna Max Gain	
GSM Band	☒ Band-5			824-894	-4.37	dBi
	☒ Band-8			880-960	-3.86	
	☒ Band-3			1710-1880	0.32	
	☒ Band-2			1850-1990	0.79	
UMTS Band	☒ Band-1		IMT	1920-2170	0.83	dBi
	☒ Band-2			1850-1990	0.79	
	☒ Band-5		CLR	824-894	-4.37	
	☒ Band-8		CLR	880-960	-3.86	
LTE Band	☒ Band-1	FDD	PCS	1920-2170	0.83	dBi
	☒ Band-2	FDD		1850-1990	0.79	
	☒ Band-3	FDD		1710-1880	0.32	
	☒ Band-4	FDD		1710-1755	0.32	
	☒ Band-5	FDD		824-894	-4.37	
	☒ Band-7	FDD		2500-2690	1.08	
	☒ Band-8	FDD	IMT-E	880-960	-3.86	
	☒ Band-12	FDD		699-716	-4.82	
	☒ Band-13	FDD		777-787	-4.56	
	☒ Band-17	FDD		704-716	-4.82	
	☒ Band-20	FDD	LSMH	791-862	-4.37	
	☒ Band-28	FDD		703-803	-4.82	
	☒ Band-38	TDD		2570-2620	1.08	
	☒ Band-39	TDD		1880-1920	0.79	
	☒ Band-40	TDD	LSMH	2300-2400	0.96	
	☒ Band-41	TDD	APAC	2496-2690	1.08	
WiFi	☒ 802.11b/g/n	2.4GHz	Wi-Fi	2401-2495	0.74	dBi
	☒ 802.11a/n/ac	5GHz	Wi-Fi	4910-5895	1.94	
BT	☒ Bluetooth			2400-2500	0.74	dBi
GPS	☒ GPS L1 Band			1575.42	-0.14	dBi

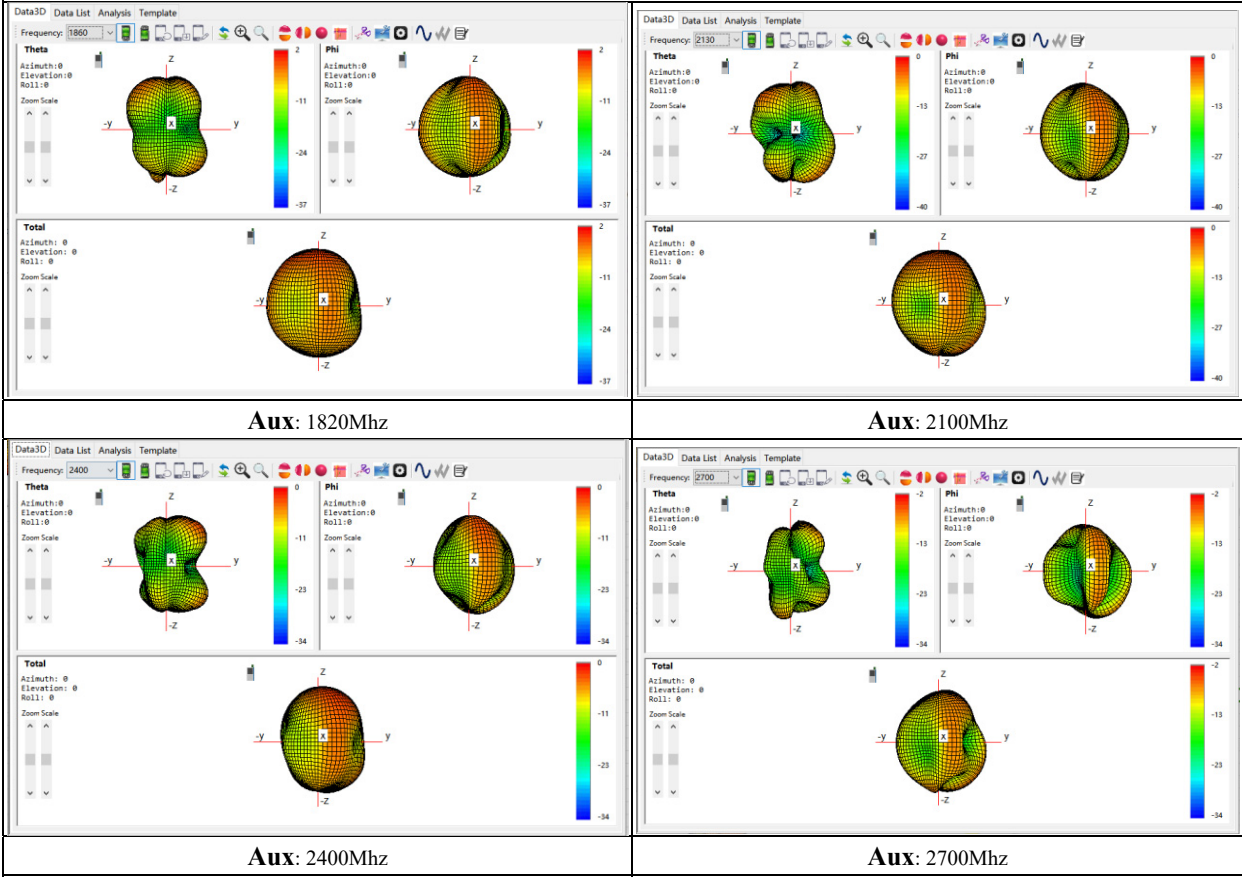
Technical Specification

Main 3-D Patten Plots



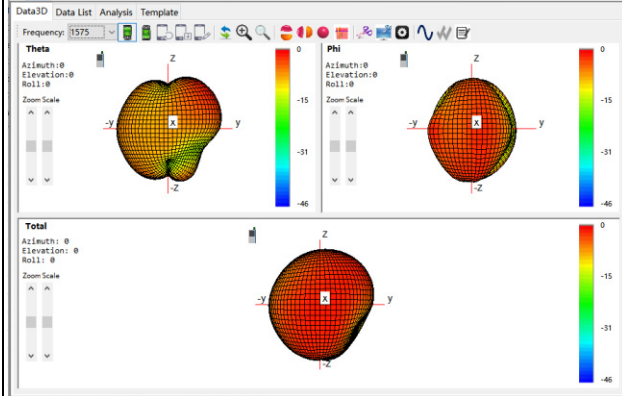
Technical Specification

Aux 3-D Patten Plots

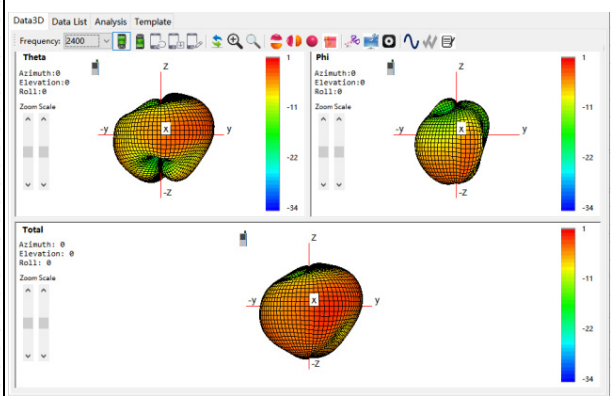


Technical Specification

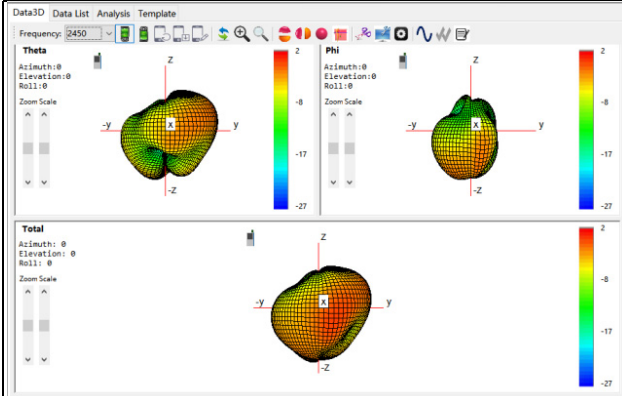
G/W/B 3-D Patten Plots



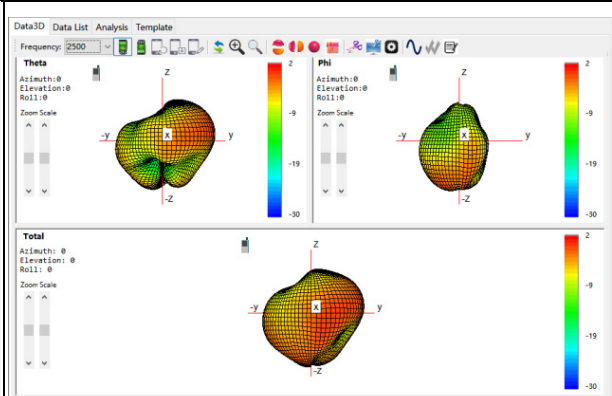
G/W/B: 1575Mhz



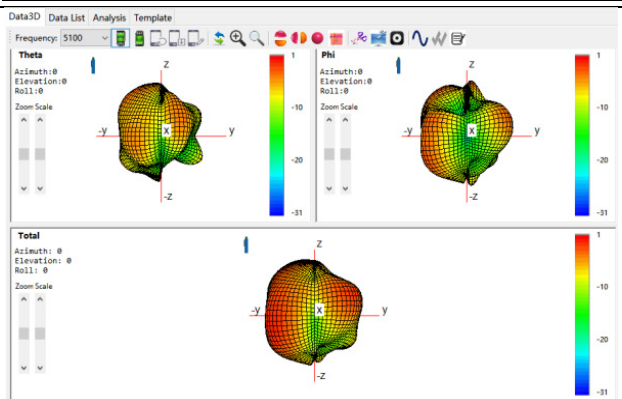
G/W/B: 2400Mhz



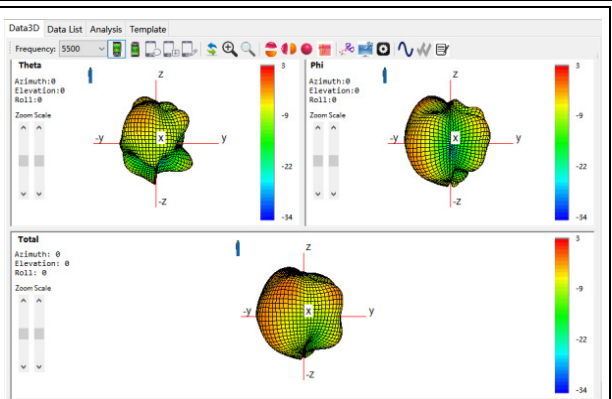
G/W/B: 2450Mhz



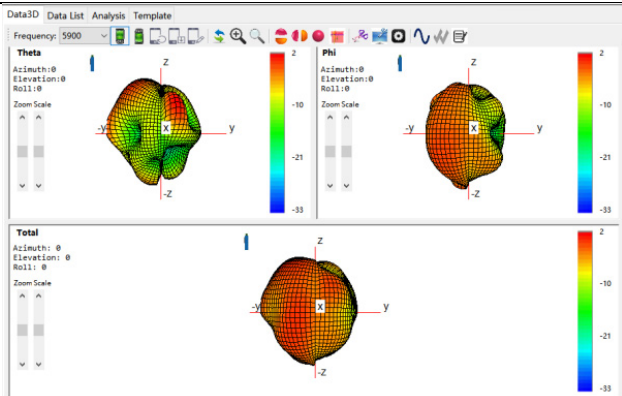
G/W/B: 2500Mhz



G/W/B: 5100Mhz



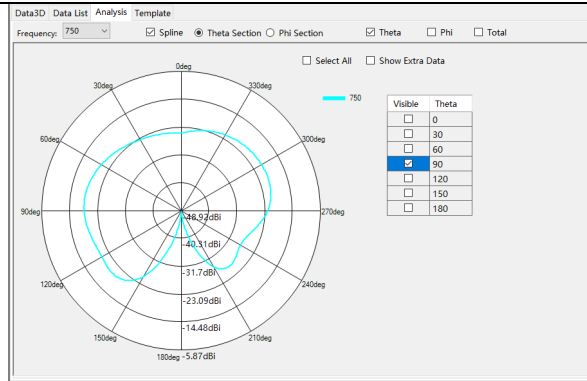
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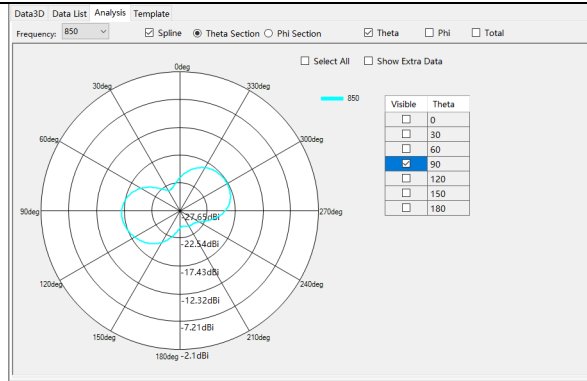
G/W/B: 5900Mhz

Technical Specification

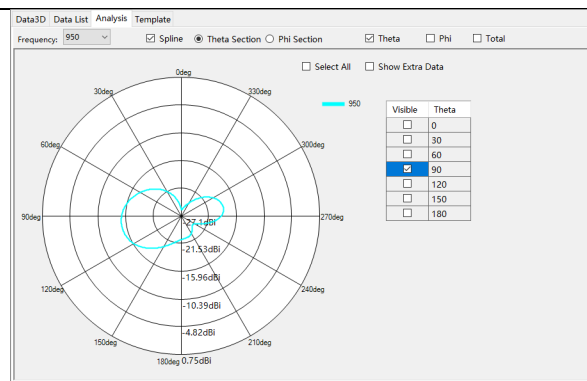
Main 2-D Antenna Radiation Pattern



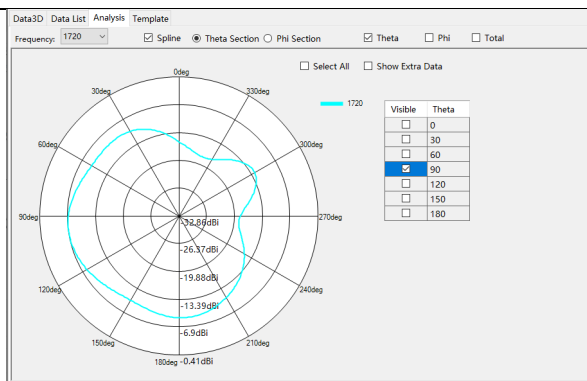
Main: 700Mhz



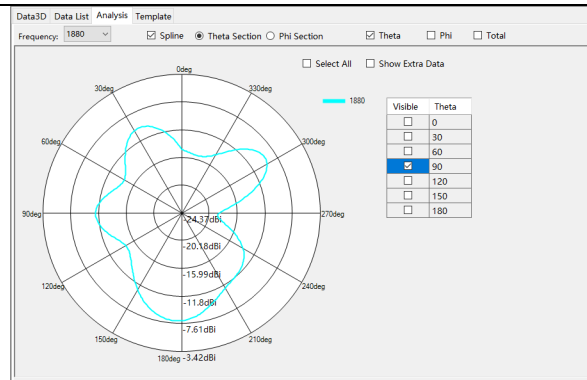
Main: 800Mhz



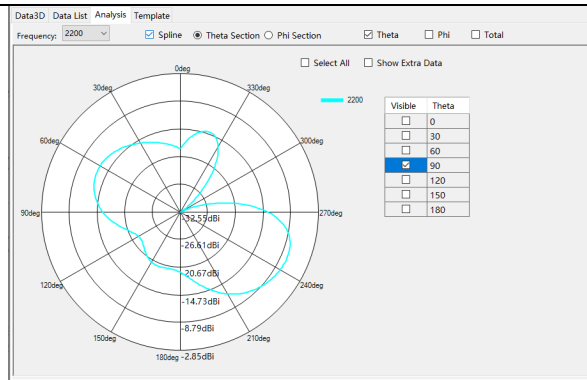
Main: 900Mhz



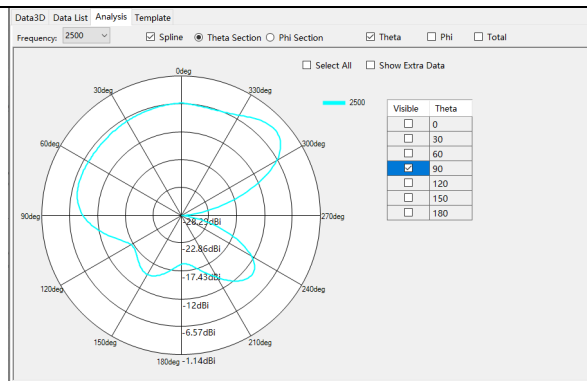
Main: 1700Mhz



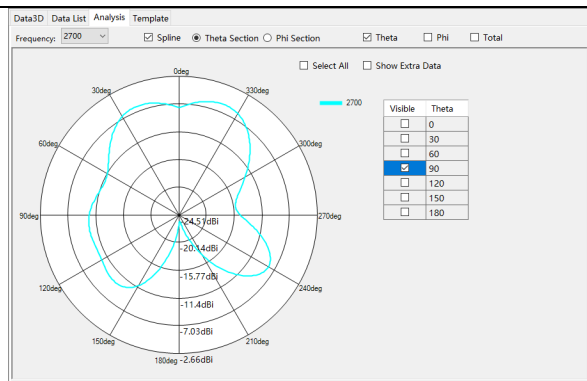
Main: 1900Mhz



Main: 2100Mhz



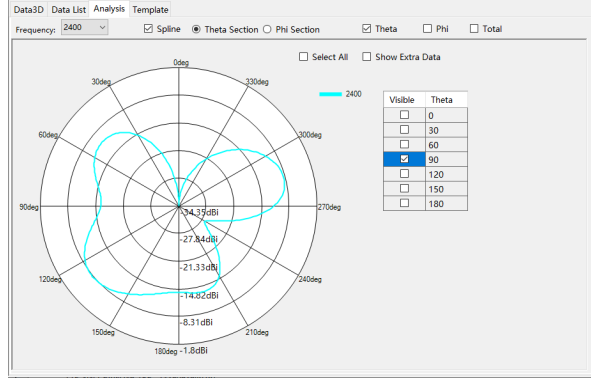
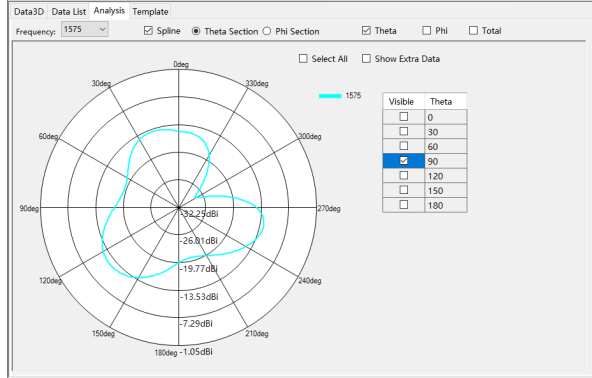
Main:2400Mhz



Main:2600Mhz

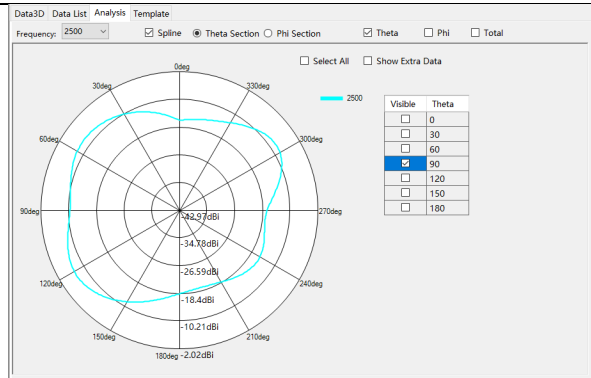
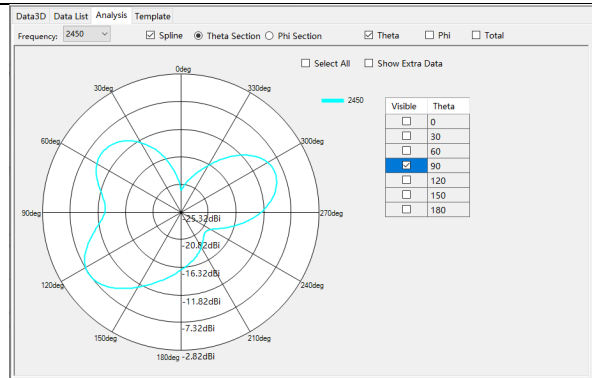
Technical Specification

G/W/B 2-D Antenna Radiation Pattern



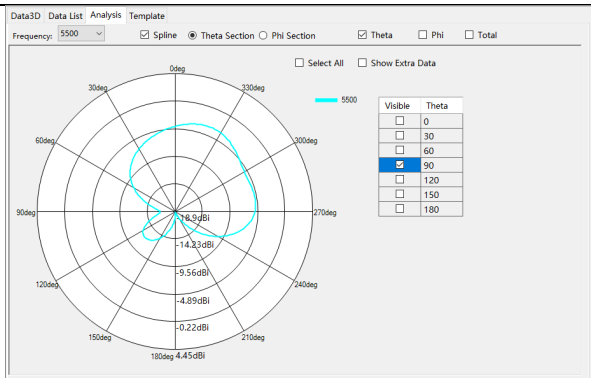
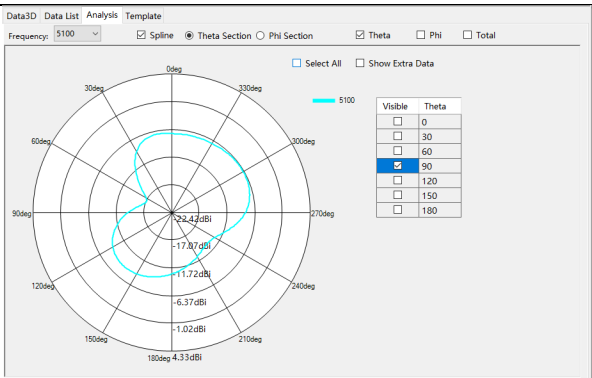
G/W/B:1575Mhz

G/W/B: 2400Mhz



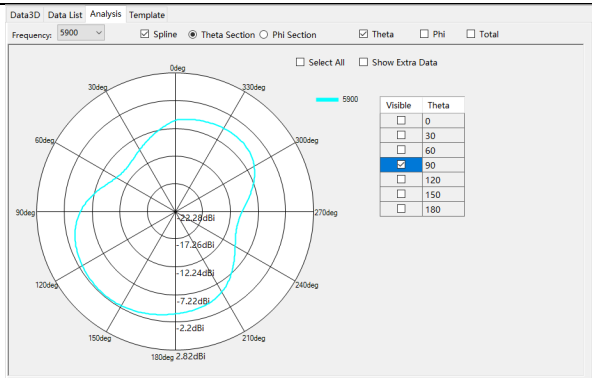
G/W/B: 2450Mhz

G/W/B: 2500Mhz



G/W/B:5100Mhz

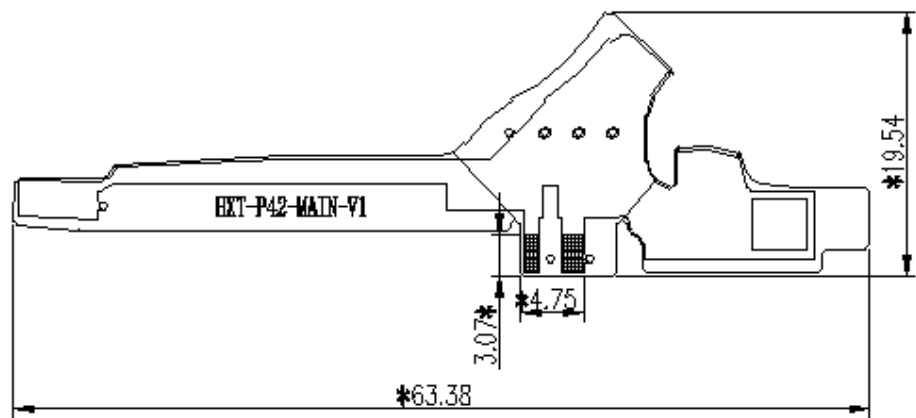
G/W/B: 5500Mhz



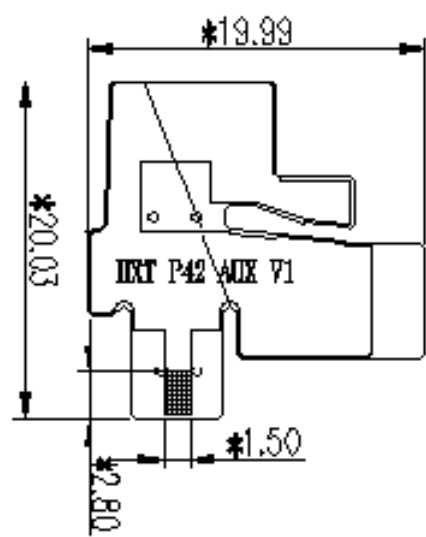
G/W/B:5900Mhz

Picture (Unit: mm)

WWAN MAIN ANT



DIV ANT



BT/Wi-Fi ANT

