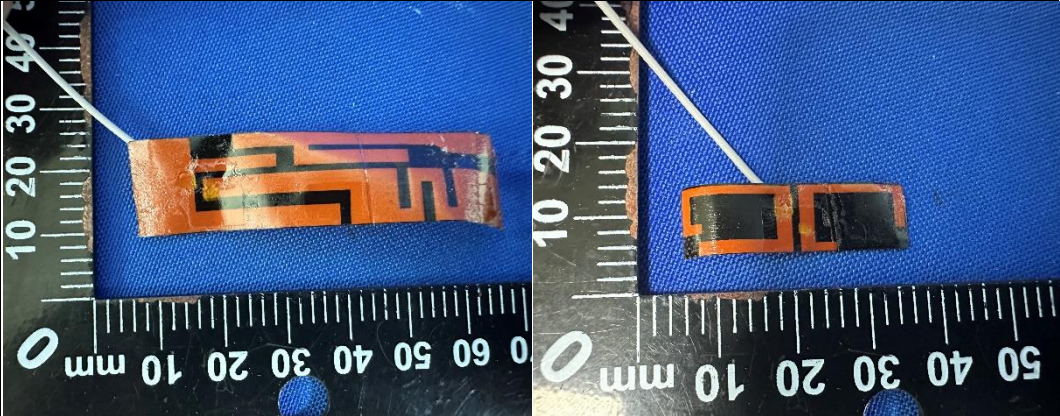


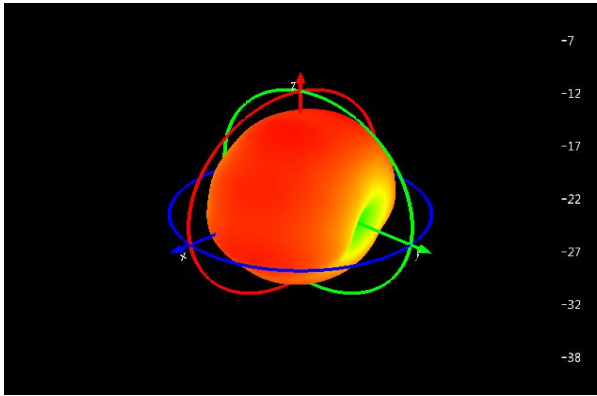
Technical Specification			
Antenna Mode	M502T	Manufactured	Shenzhen A-Telematics Technology Co.,Ltd
Address	3rd Floor, A3 Block, Yangtian 1st Road, Longang District, Shenzhen, China		
Size & Picture			
	Ant0-GSM/WDMA/LTE main: 56*12mm PIFA		Ant1-GWB:30*10mm PIFA

Technical Specification							
Band		Mode	Name	Frequency	Antenna Type	Antenna Max Gain	
GSM Band	☒ GSM 850			824-894	PIFA	0.15	dBi
	☒ GSM 900			880-960		0.22	
	☒ DCS 1800			1710-1880		0.56	
	☒ PCS 1900			1850-1990		0.75	
CDMA Band	☒ BC0 800		800 MHz	815-894	PIFA	0.15	dBi
	☒ BC1 1900		1900 MHz	1850-1990		0.75	
	☒ BC10 800		Secondary 800 MHz	806-940		0.15	
UMTS Band	☒ Band-01 2100		IMT	1920-2170	PIFA	0.75	dBi
	☒ Band-02 1900		PCS A-F	1850-1990		0.68	
	☒ Band-04 1700/2100		AWS A-F	1710-2155		0.59	
	☒ Band-05 850		CLR	824-894		0.15	
	☒ Band-06 800		UMTS 800	830-885		0.15	
	☒ Band-08 900		E-GSM	880-960		0.22	
	☒ Band-19 800		LB 800	830-890		0.15	
LTE Band	☒ Band-01 2100	FDD	IMT	1920-2170	PIFA	0.75	dBi
	☒ Band-02 1900	FDD	PCS	1850-1990		0.68	
	☒ Band-03 1800	FDD	DCS	1710-1880		0.59	
	☒ Band-04 1700/2100	FDD	AWS	1710-2155		0.59	
	☒ Band-05 850	FDD	CLR	824-894		0.15	
	☒ Band-07 2600	FDD	IMT-E	2500-2690		0.98	
	☒ Band-08 900	FDD	EGSM	880-960		0.23	
	☒ Band-12 700	FDD	LSMH	699-746		-0.08	
	☒ Band-13 700	FDD	USMH	746-787		0.05	
	☒ Band-17 700	FDD	LSMH	704-746		-0.08	
	☒ Band-18 800	FDD	Lower 800	815-875		0.15	
	☒ Band-19 800	FDD	Upper 800	830-890		0.15	
	☒ Band-20 800	FDD	EUDD	791-862		0.15	
	☒ Band-25 1900	FDD	EPCS	1850-1995		0.68	

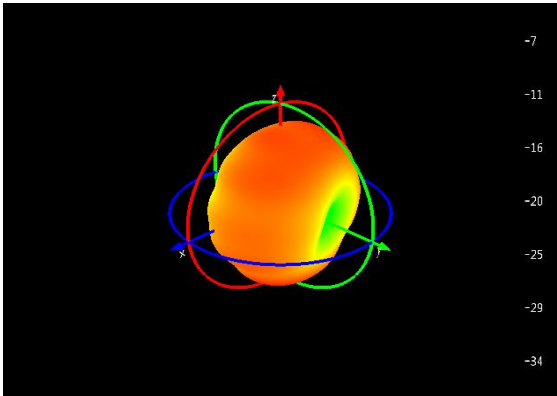
	☒ Band-26 850	FDD	ECLR	814-894		0.15	
	☒ Band-28 700	FDD	APT	703-803		-0.08	
	☒ Band-34 2000	TDD	IMT	2010-2025		0.46	
	☒ Band-38 2600	TDD	IMT-E	2570-2620		0.98	
	☒ Band-39 1900	TDD	DCS-IMT Gap	1880-1920		0.68	
	☒ Band-40 2300	TDD	S-Band	2300-2400		0.55	
	☒ Band-41 2500	TDD	BRS	2496-2690		0.98	
	☒ Band-66 1700	FDD	Extended AWS	1710-2200		0.59	
	☐ Band-71 600	FDD	USDD	617-698			
WiFi	☒ 802.11b/g/n	2.4GHz	Wi-Fi 4	2401-2495	PIFA	0.45	dBi
	☒ 802.11a/n/ac/ax	5GHz	Wi-Fi 5/6	4910-5895		0.42	
	☐ 802.11ax	6GHz	Wi-Fi 6E	5925-7125			

Technical Specification

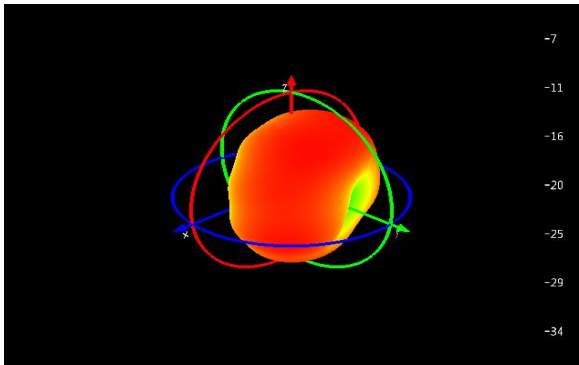
Ant0 3-D Patten Plots



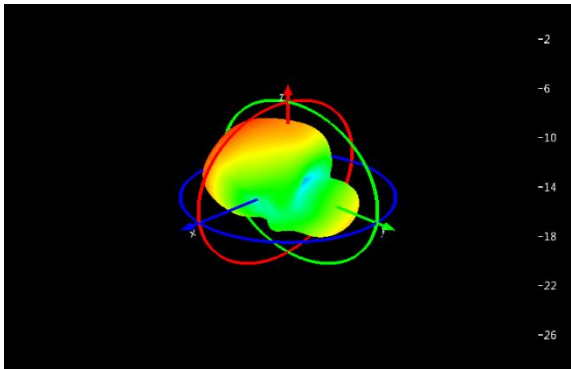
Ant0: 700Mhz



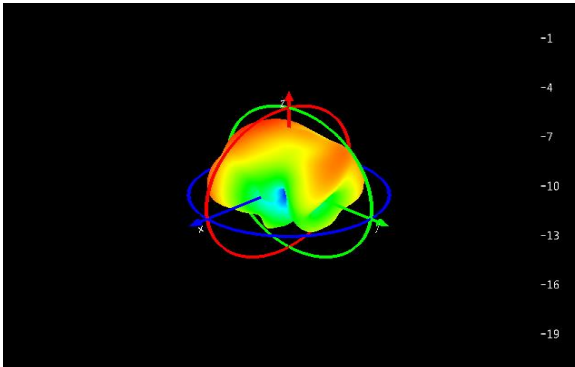
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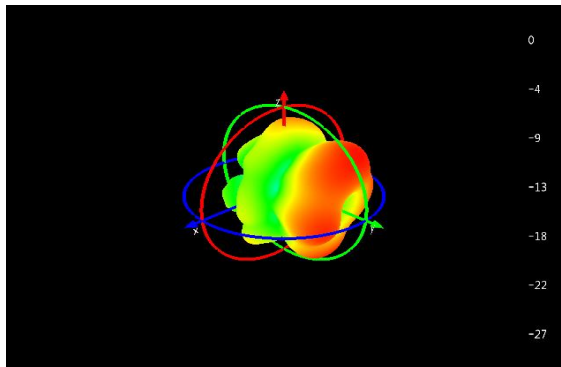
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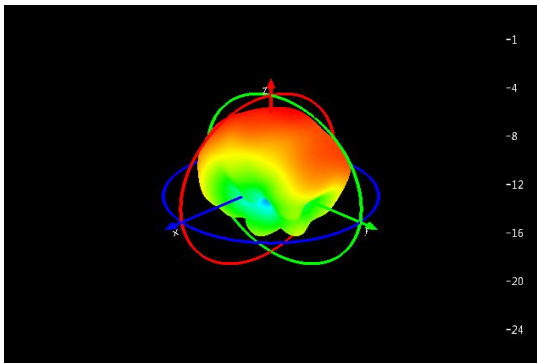
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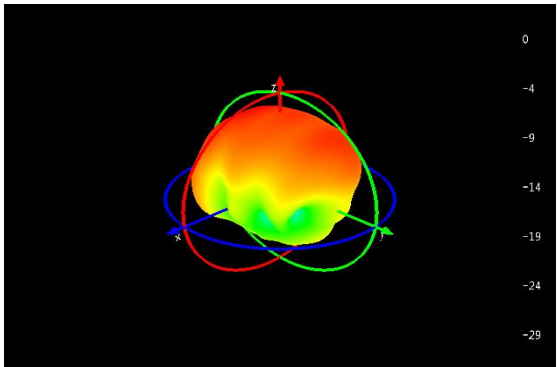
Ant0: 1900Mhz



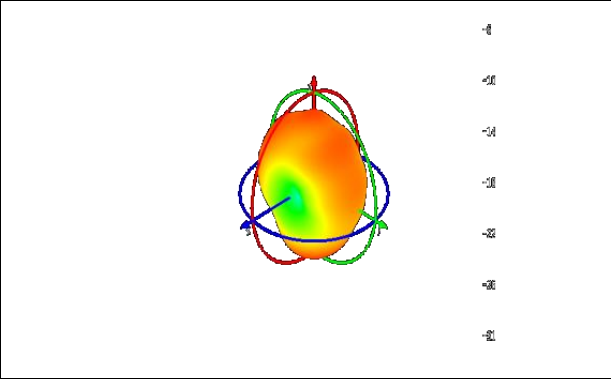
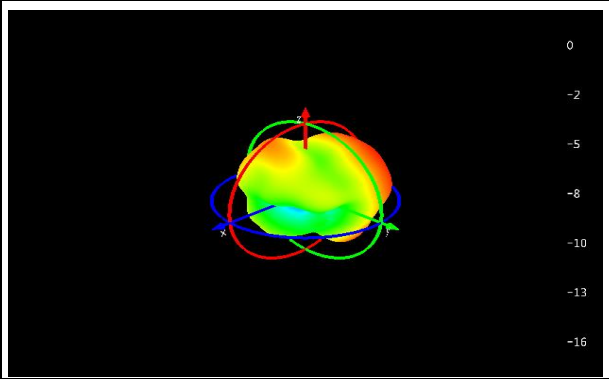
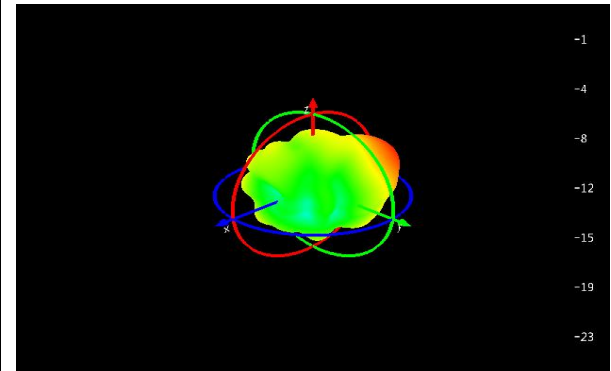
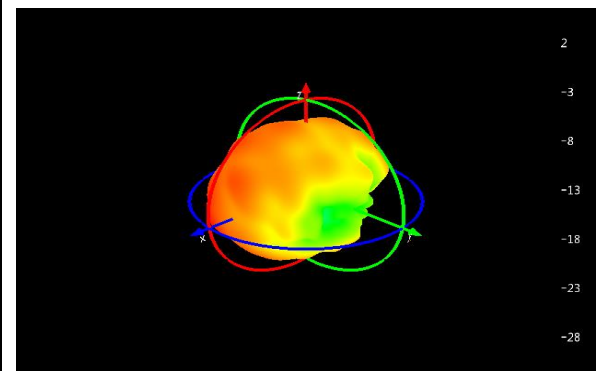
Ant0: 2100Mhz



Ant0: 2400Mhz



Ant0: 2600Mhz

Technical Specification	
Ant7 3-D Patten Plots	
	
	Ant1: 1575Mhz
	
Ant1: 2450Mhz	Ant1: 5500Mhz