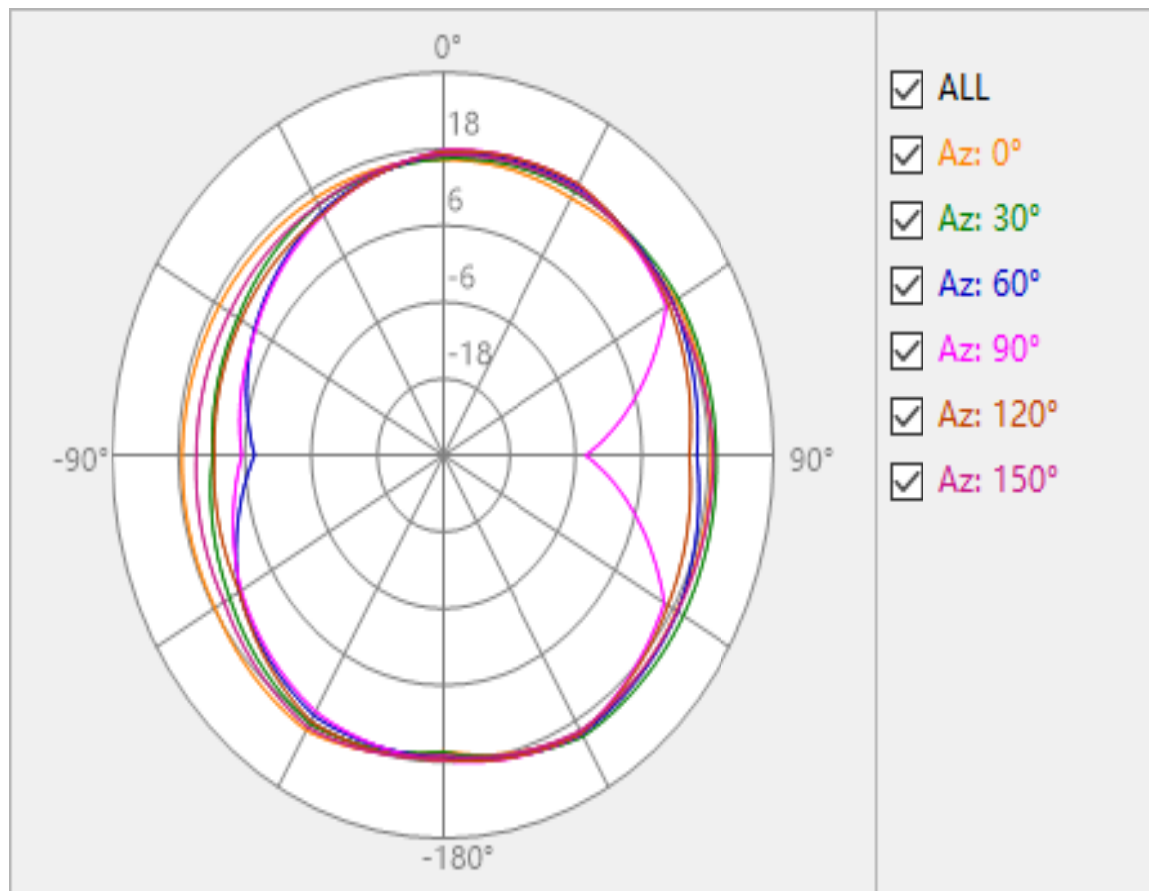


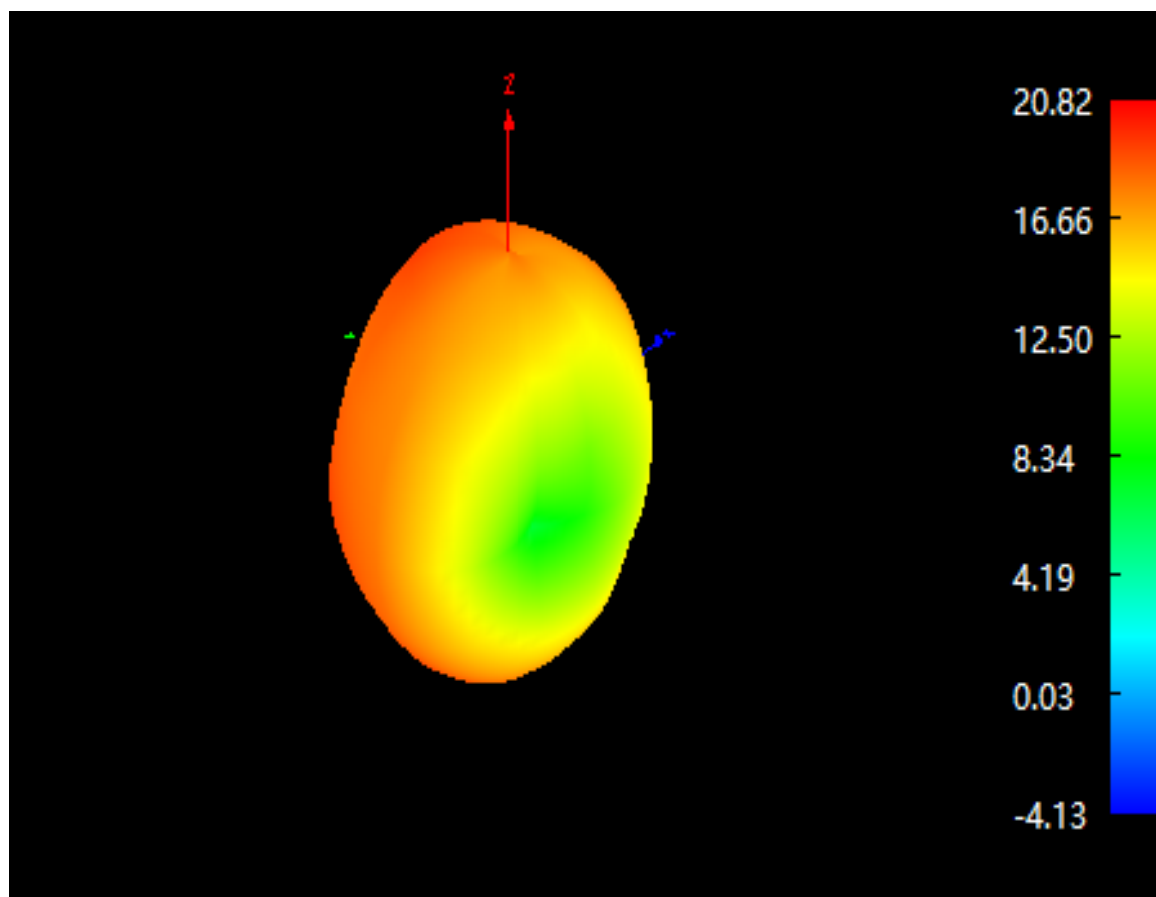
Antenna Name	Model (s) /Type (s)	
Antenna 1	Model/Part Number:	PD03
	Manufacturer:	Shenzhen Jianhaitong Antenna Technology Co., Ltd
	Frequency Range:	GSM (B2/3/5/8) WCDMA (B1/B2/4/5/8) FDD (B1/2/3/4/5/7/8/12/14/17/20/26/28A/28B/66) TDD(B38/B39/B40/B41 (120M))
	Connector Type/	Maximum Gain GSM:B2:1.99dBi/B3:0.35dBi/B5:-0.47dBi/B8:-0.46dBi WCDMA: B1:1.99dBi/B2:1.99dBi/B4 :0.35dBi/B5 :-0.47dBi/B8:-0.46dBi FDD-LTE: B1:1.99dBi/B2:1.99dBi/B3:0.35dBi/B4 :0.35dBi/B5 :-0.47dBi/B7:0.55dBi/B8:-0.46dBi/B12:0.67dBi/B14:0.67dBi/B17:0.67dBi/ B20 :-0.47dBi//B26:-0.47dBi/B28A&B:0.67db/B66:0.35dBi TDD-LTE:B38:0.99dBi/B39:1.99dBi/B40:0.76dBi/B41:0.99dBi
	Maximum Gain	
	Antenna Type/Pattern:	
	Measurement:	48.75*12.5*0.12
Antenna 2	Model/Part Number:	PD03
	Manufacturer:	Shenzhen Jianhaitong Antenna Technology Co., Ltd
	Frequency Range:	BT, WIFI2.4G ,5G
	Connector Type/	BT, WIFI2.4G:4.12dBi ,5G:4.35dBi
	Maximum Gain	

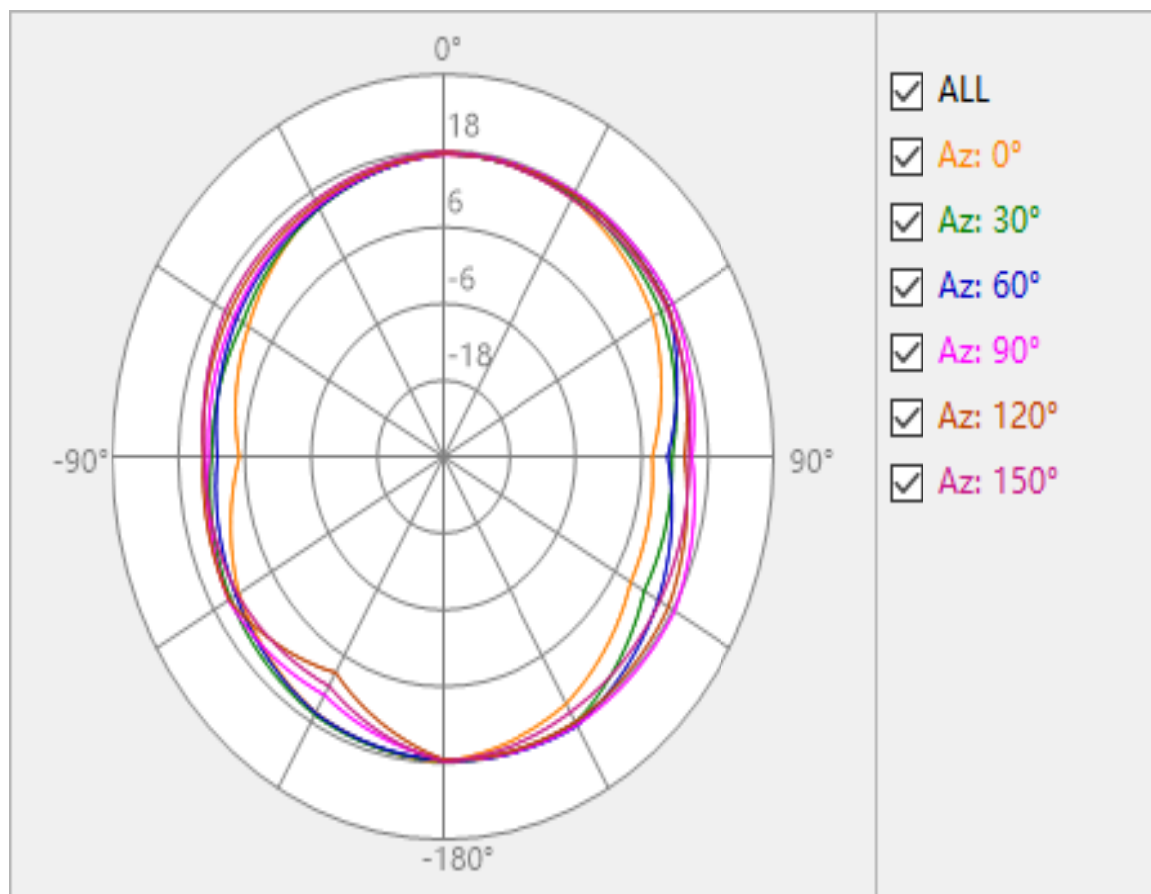
	Antenna Type/ Pattern:	FPC
	Measurement:	10.8*23.23*0.12
Antenna 3	Model/Part Number:	PD03
	Manufacturer:	Shenzhen Jianhaitong Antenna Technology Co., Ltd
	Frequency Range:	GSM (B2/3/5/8) WCDMA (B1/B2/4/5/8) FDD (B1/2/3/4/5/7/8/12/14/17/20/26/28A/28B/66) TDD(B38/B39/B40/B41 (120M))
	Connector Type/	Maximum Gain GSM:B2:0.37dBi/B3:-1.32dBi/B5:-1.74dBi/B8:-0.29dBi WCDMA: B1:0.37dBi/B2:0.37dBi/B4 :-1.32dBi/B5 :-1.74dBi/B8:-0.29dBi FDD-LTE: B1:0.37dBi/B2 :0.37dBi/B3:-1.32dBi/B4 :-1.32dBi/B5 :-1.74dBi/B7:-0.36dBi/B8:-0.29dBi/B12 :-4.7dBi/B14 :-4.7dBi/B17 :-4.7dBi/ B20 :-1.74/B26 :-1.74dBi/B28A&B:-4.7db/B66 :1.32dBi TDD-LTE:B38:-0.3dBi/B39:0.37dBi/B40:0.1dBi/B41:-0.3dBi
	Maximum Gain	
	Antenna Type/ Pattern:	FPC
	Measurement:	21*20.71*0.12
Antenna 4	Model/Part Number:	PD03
	Manufacturer:	Shenzhen Jianhaitong Antenna Technology Co., Ltd
	Frequency Range:	NFC 13.56MHZ
	Connector Type/	
	Maximum Gain	
	Antenna Type/	Loop antenna

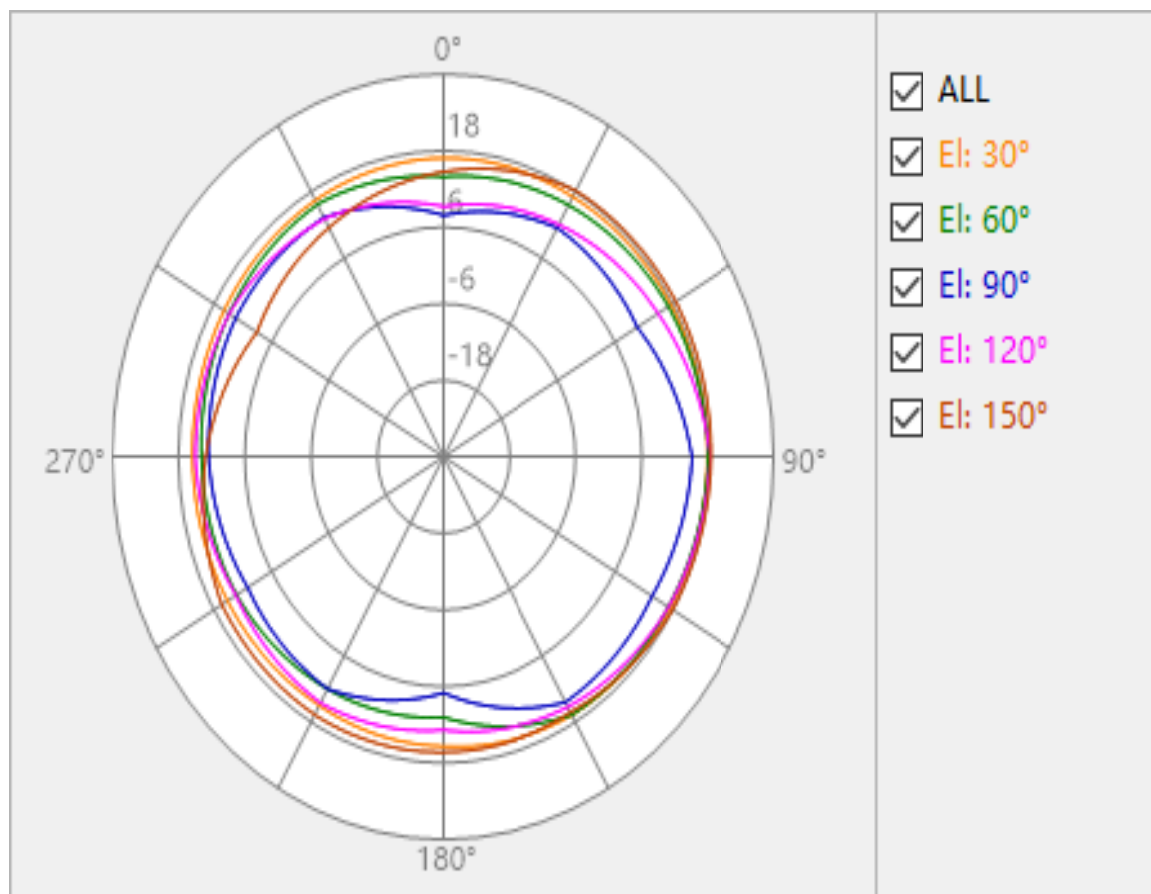
	Pattern:	
	Measurement:	53.85*58.19*0.3

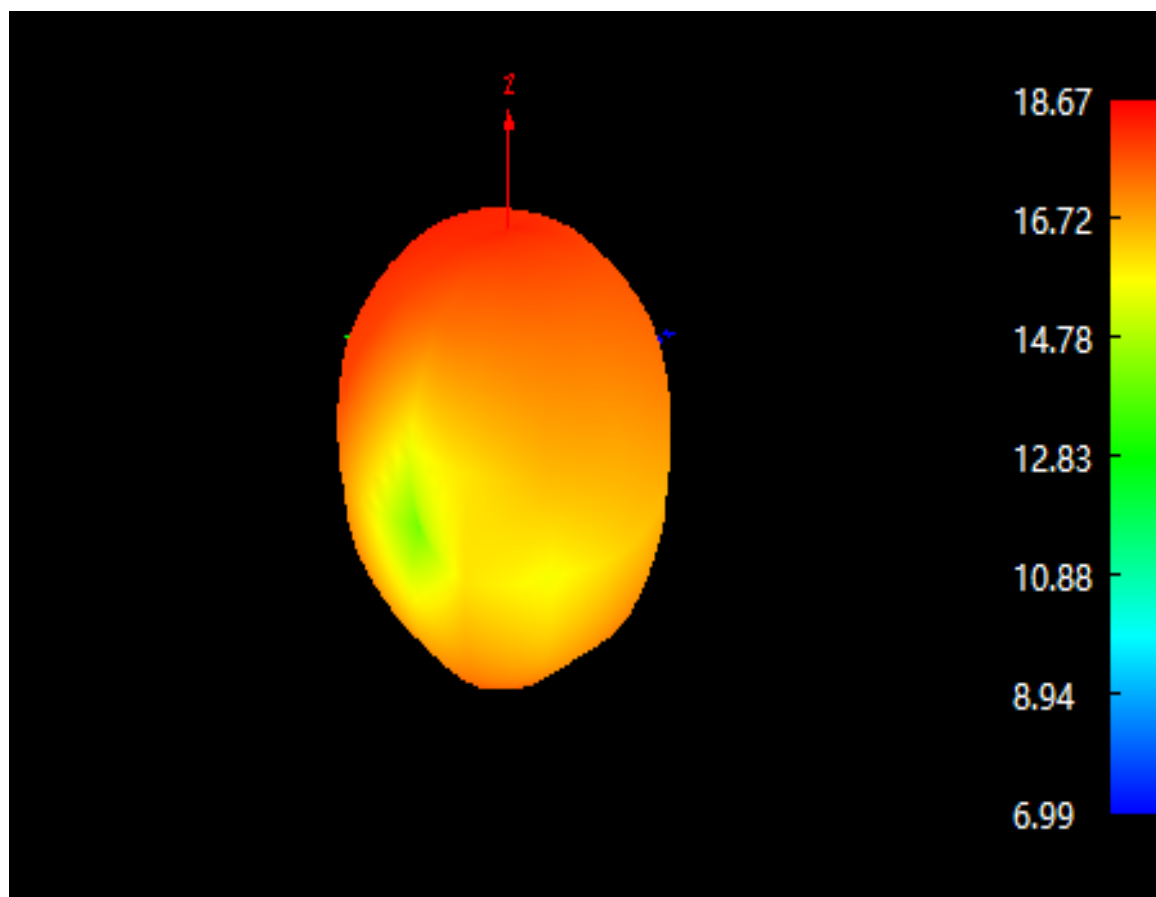
Manufacturer Add: Building B, Hezhou Zhongkono Industrial Park, Hezhou Community, Hangcheng Street, Baoan District, Shenzhen

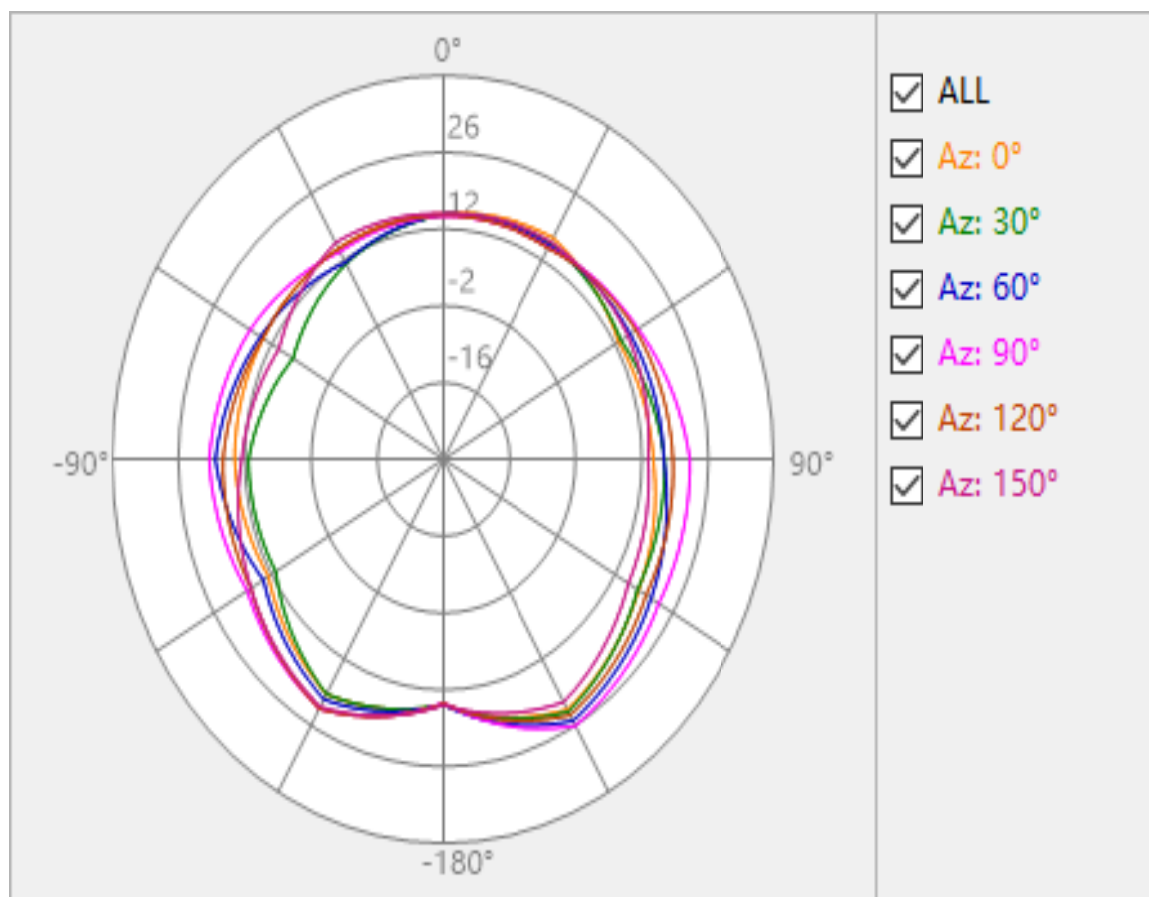


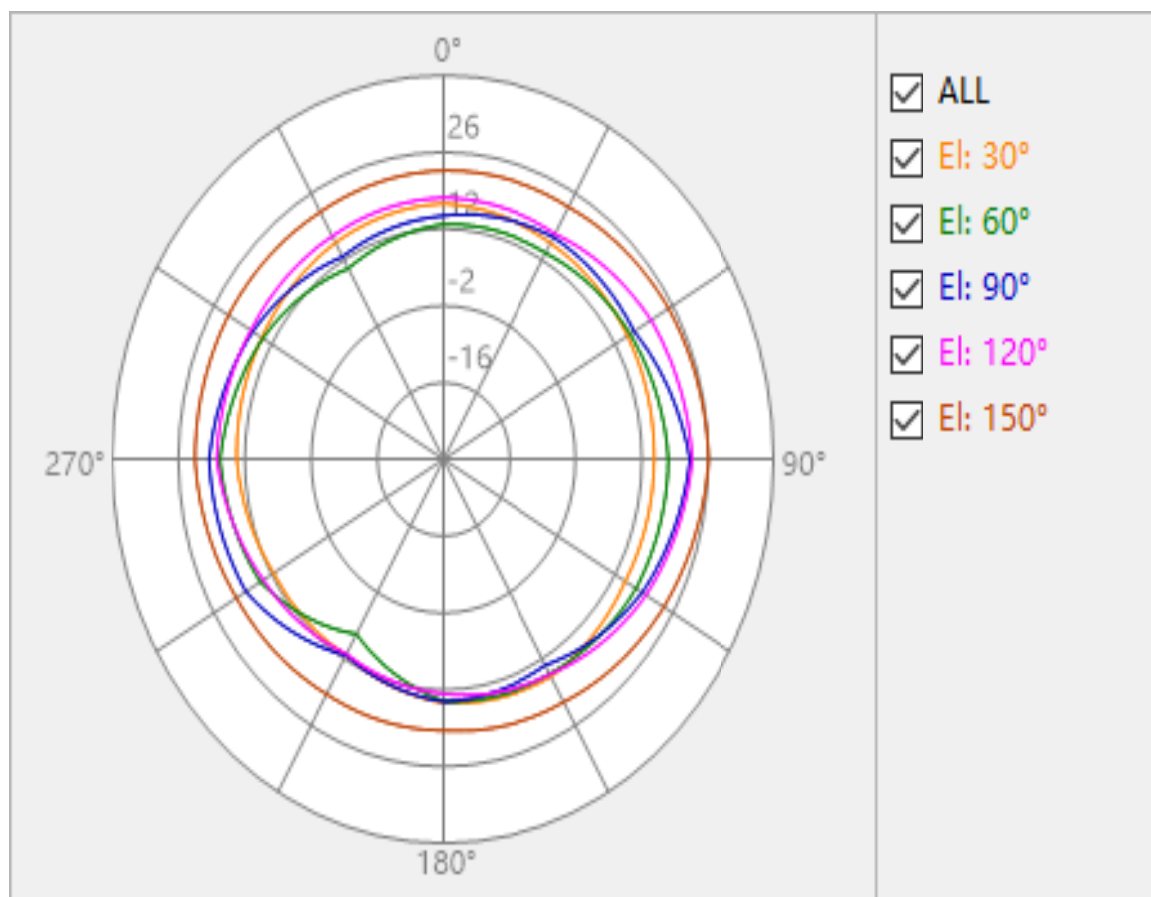


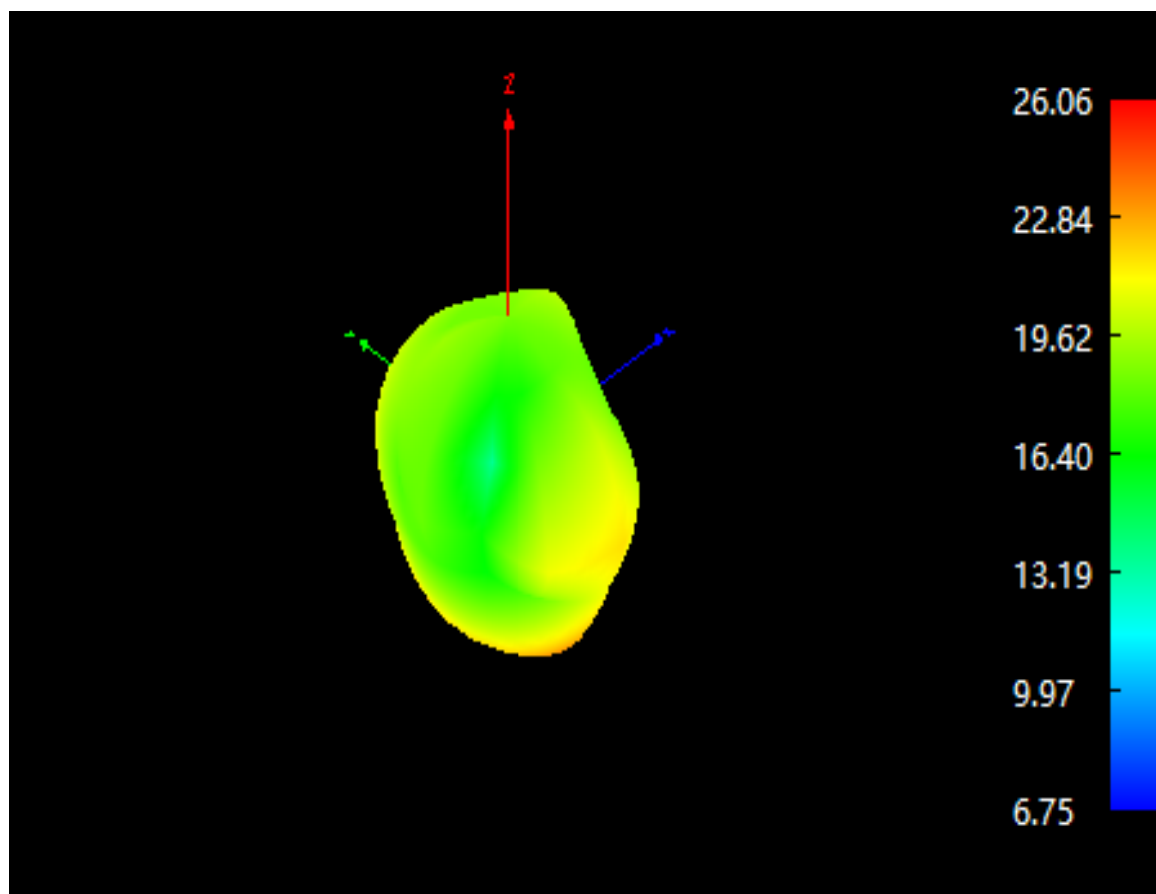






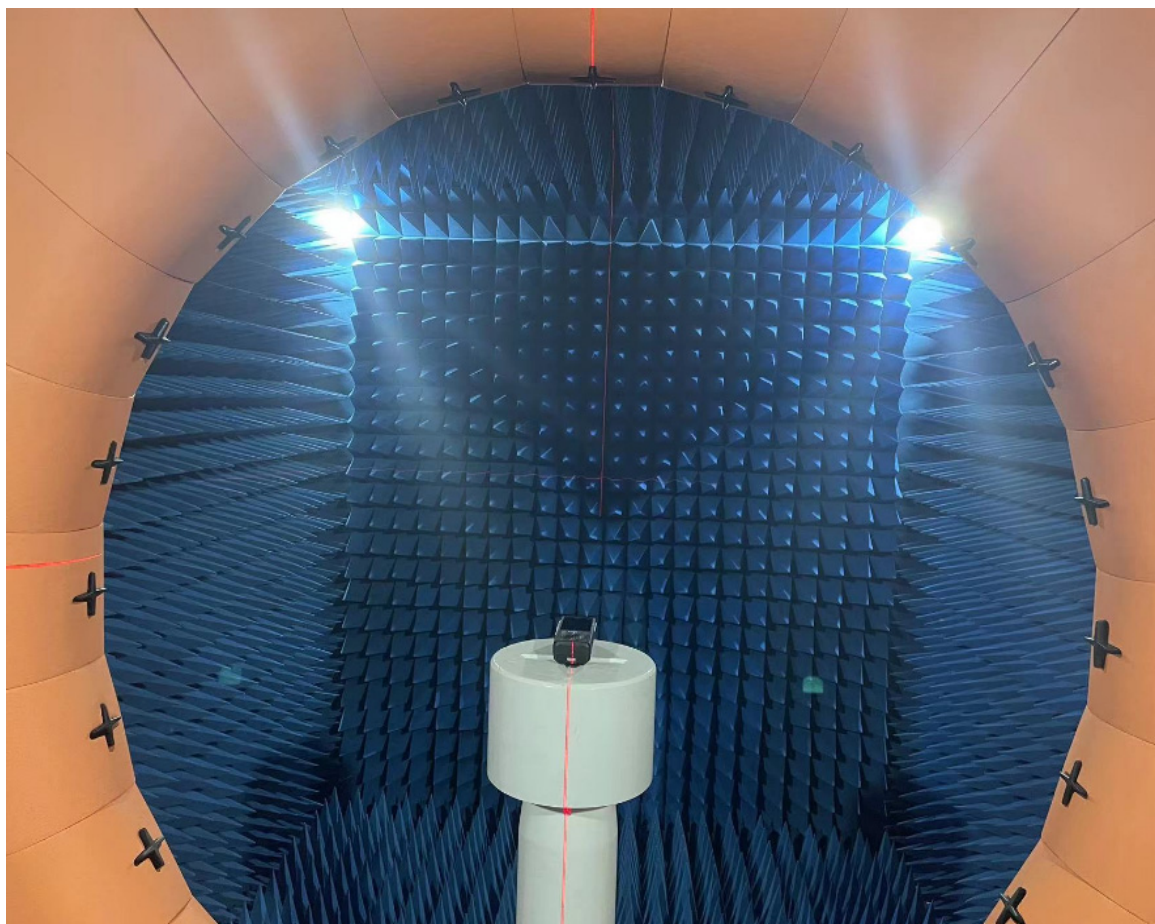






B1	TRP		W1	TRP	
	16.55			17.01	
	16.62			16.92	
	16.53	-91.02		16.88	-102.25
B3	17.03		W2	16.25	
	16.55			16.87	
	16.29	-87.83		16.53	-101.41
B5	17.52		B5	17.88	
	17.19			17.57	
	16.85	-74.42		17.52	-88.12
B7	18.96		W8	17.22	
	19.8			17.01	
	19.77	-85.82		16.99	-84.73
B8	16.8				
	16.53				
	16.28	-67.61			
B20	16.8				
	16.74				
	16.59	-69.49			
B28	16.04				
	16.11				
	16.55	-67.64			
B38	19.36				
	19.02				
	16.76	-84.18			
B39	16.37				
	16.64				
	16.87	-83.99			
B40	17.61				
	16.95				
	16.33	-84.72			
B41	18.25				

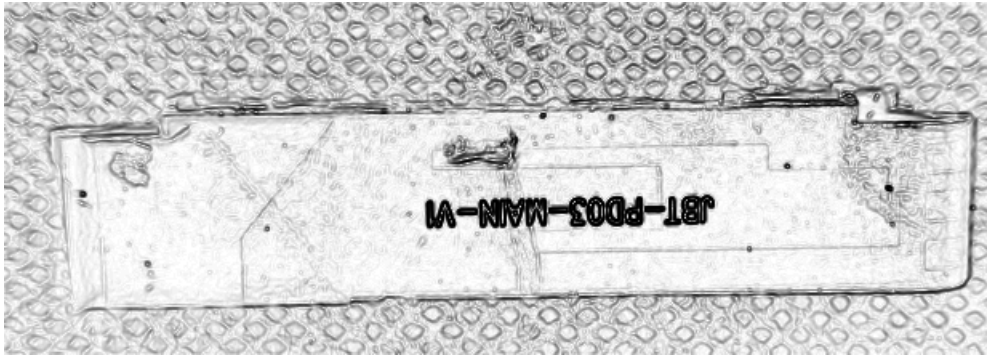
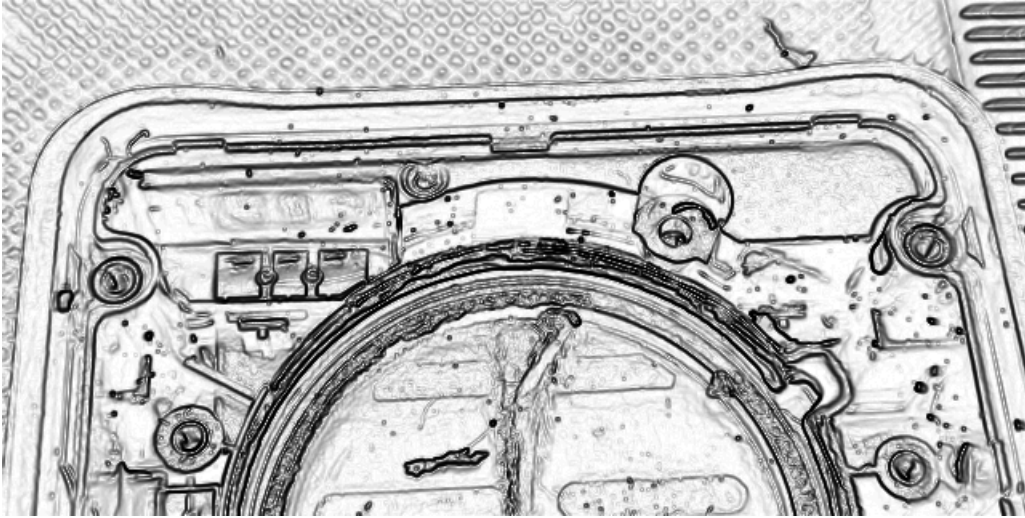
	19.18	
	17.1	-82.3



BT&BLE&2.4G WIFI&5G WIFI



2G&3G&4G



NFC

