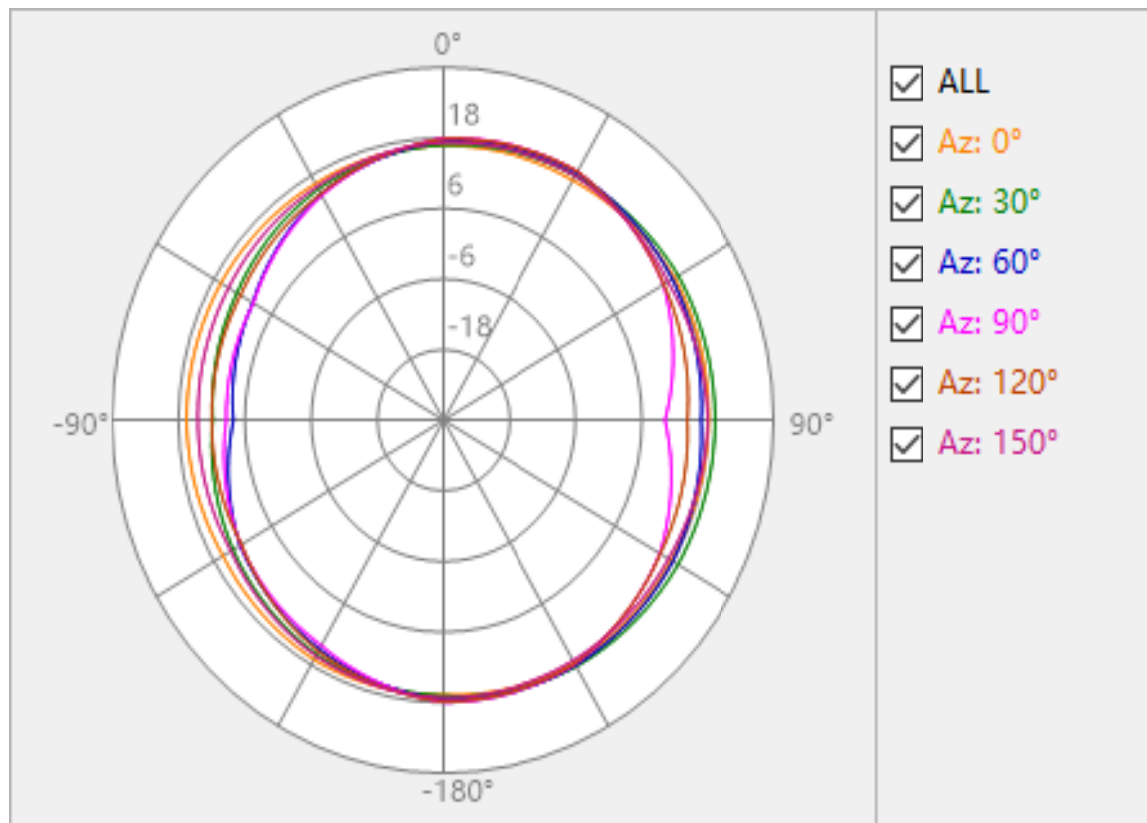


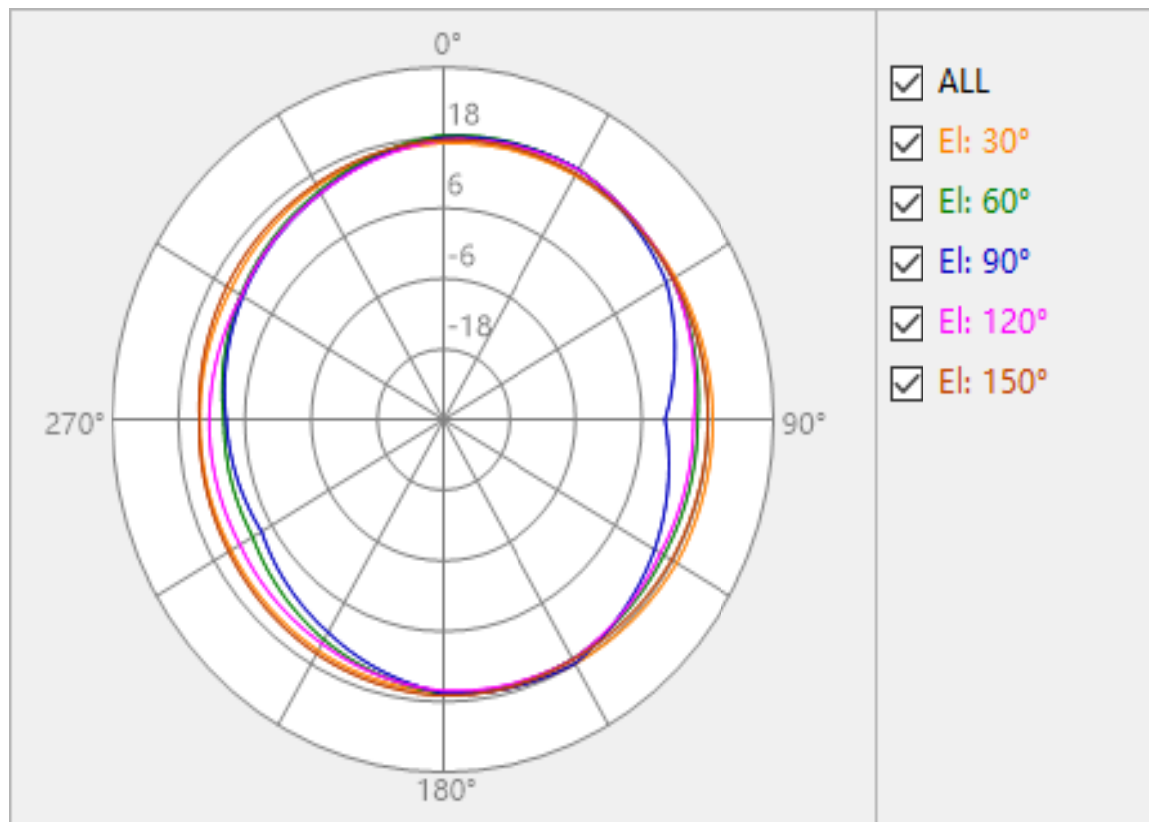
Antenna information :	Antenna Name	Model(s)/Type(s)	
	Antenna 1 & Antenna 3	Model/Part Number:	P03
		Manufacturer:	Shenzhen Jianhaitong Antenna Technology Co., Ltd
		Frequency Range:	GSM 850: 824-849MHz(TX); 869-894MHz(RX) PCS 1900: 1850-1910MHz(TX); 1930-1990MHz(RX) WCDMA Band 2: 1850-1910MHz(TX); 1930-1990MHz(RX) WCDMA Band 5: 824-849MHz(TX); 869-894MHz(RX) LTE Band 2: 1850-1910MHz(TX); 1930-1990MHz(RX) LTE Band 4: 1710-1755MHz(TX); 2110-2155MHz(RX) LTE Band 5: 824-849MHz(TX); 869-894MHz(RX) LTE Band 7: 2500-2570MHz(TX); 2620-2690MHz(TX) LTE Band 12: 699-716MHz(TX); 729-746MHz(RX) LTE Band 17: 704-716MHz(TX); 734-746MHz(RX) LTE Band 26: 814-849MHz(TX/RX) LTE Band 38: 2570-2620MHz(TX/RX) LTE Band 40 Lower: 2305-2315MHz (TX/RX) LTE Band 40 Upper: 2350-2360MHz (TX/RX) LTE Band 41: 2496-2690MHz(TX/RX) LTE Band 66: 1710-1780MHz(TX); 2110-2200MHz(RX)
		Connector Type/	Maximum Gain : GSM 850/WCDMA 5/LTE B5:-1.74dBi PCS1900/WCDMA 2/LTE B2:0.37dBi
		Maximum Gain	LTE B4:-1.32dBi\LTE B7:-0.36dBi\LTE B12/B17:-4.70dBi\LTE B26:-1.74dBi\LTE B38:-0.30dBi\LTE B40:0.10dBi\LTE B41:-0.30dBi\LTE B66:-1.32dBi
		Antenna Type/ Pattern:	Monopole
		Measurement:	Antenna 1:53.45*15.49*0.12 mm Antenna 3: 22.61*20.72*0.12 mm

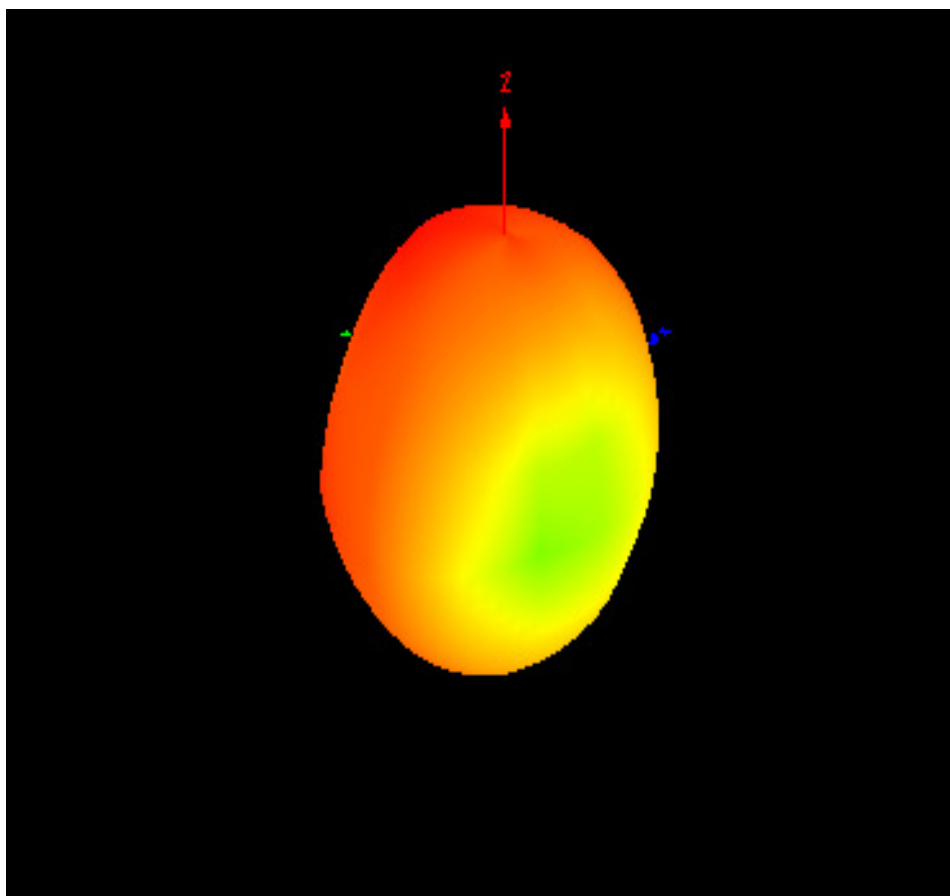
	Antenna 2	Model/Part Number:	P03
		Manufacturer:	Shenzhen Jianhaitong Antenna Technology Co., Ltd
		Frequency Range:	BT/WIFI 2.4G: 2400-2500 MHz 5G Wi-Fi: 5150-5850MHz
		Connector Type/	BT/WIFI 2.4G: 2.74dBi 5G WIFI:-0.09dBi
		Maximum Gain	
		Antenna Type/ Pattern:	PIFA
		Measurement:	9.6*23.73*0.12 mm
	Antenna 4	Model/Part Number:	P03
		Manufacturer:	Shenzhen Jianhaitong Antenna Technology Co., Ltd
		Frequency Range:	NFC: 13.56MHZ
		Connector Type/	
		Maximum Gain	
		Antenna Type/ Pattern:	Circular antenna
		Measurement:	53.85*58.19*0.3 mm

Manufacturer Address: 3rd Floor, West of Building 1, Hezhou Zhongkono Industrial Park, Hangcheng Street, Bao' an District, Shenzhen

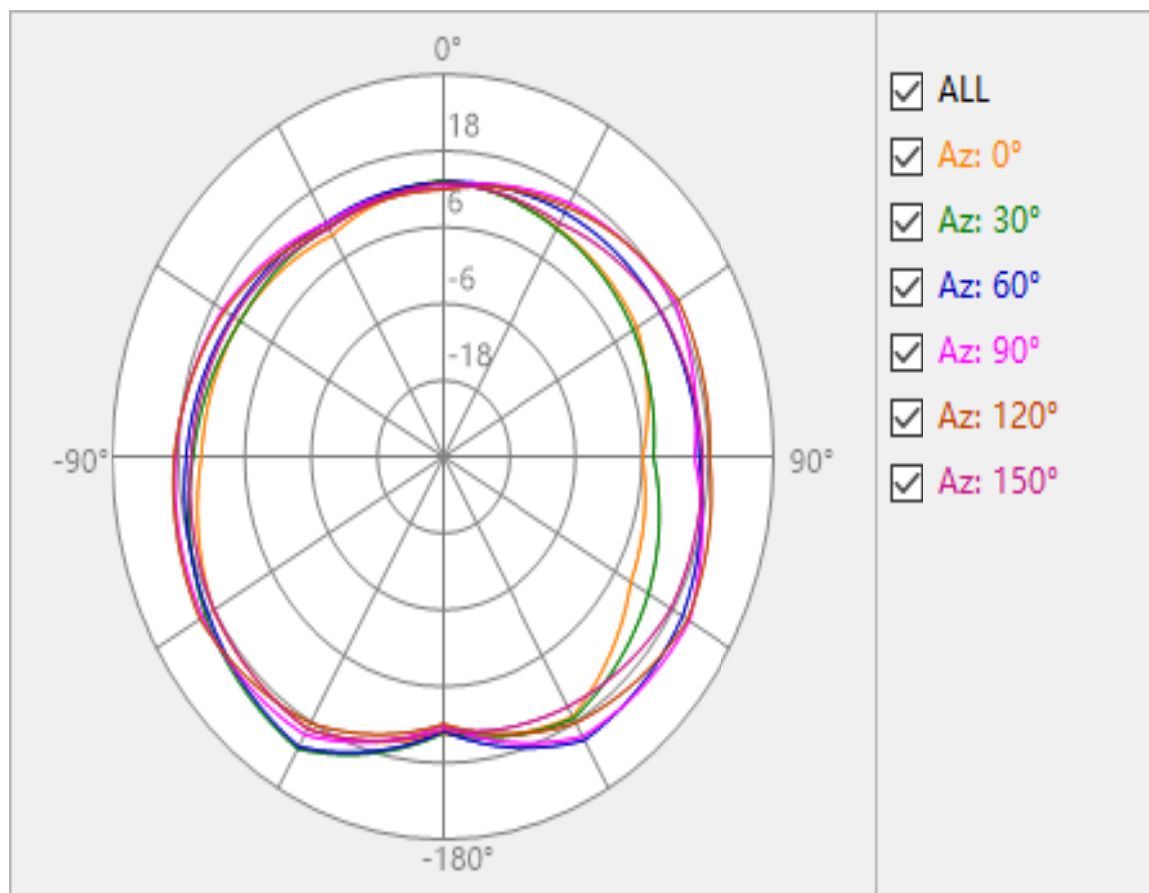
Low frequency

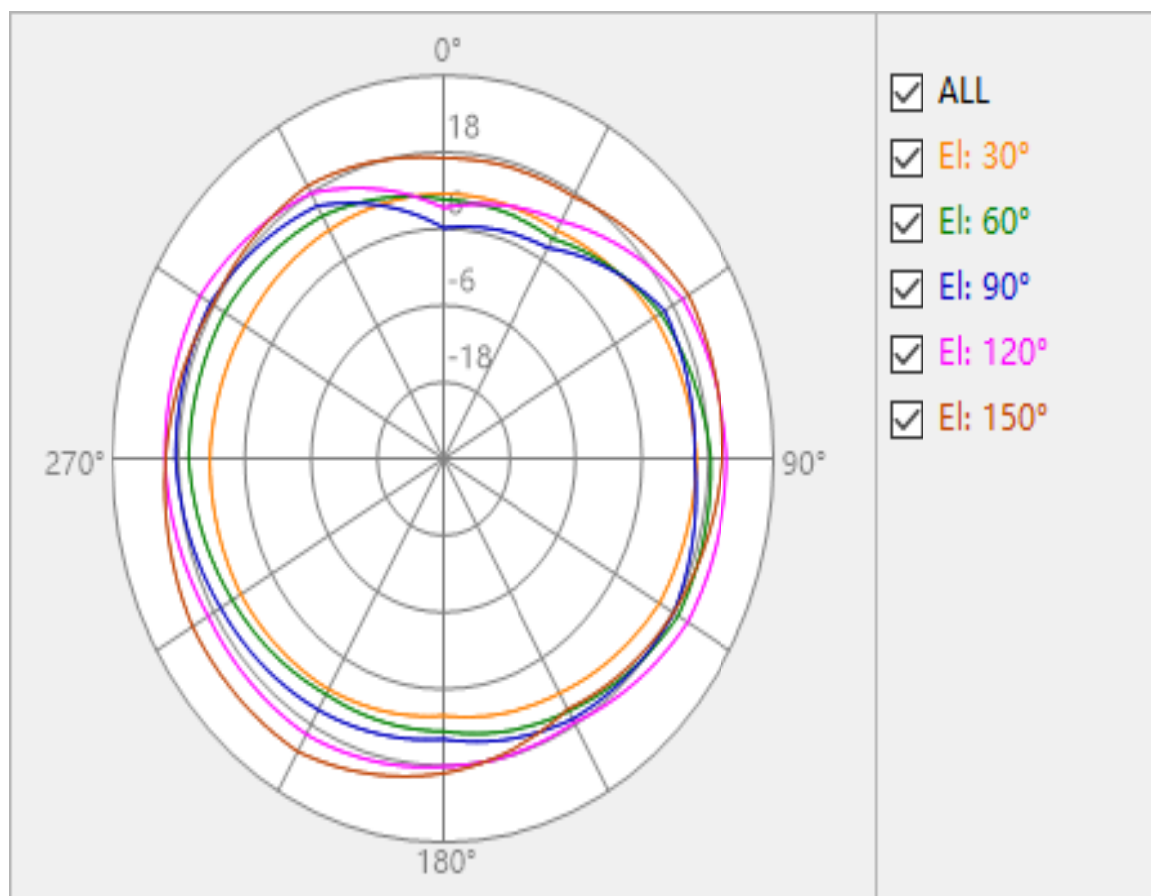


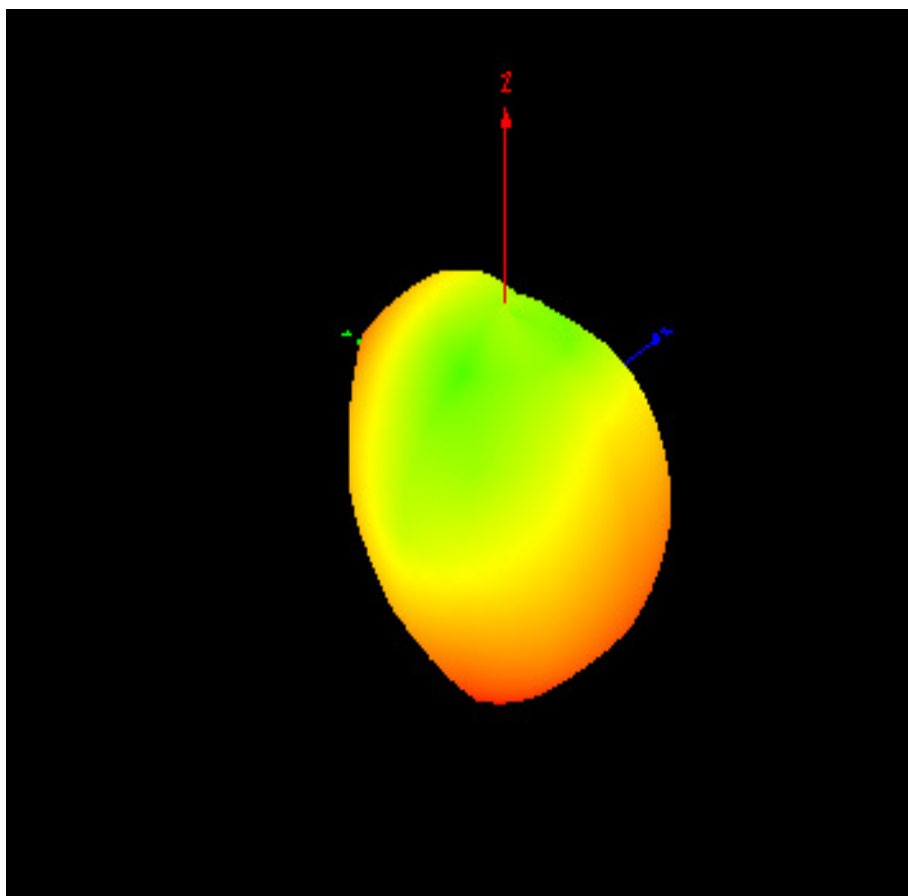




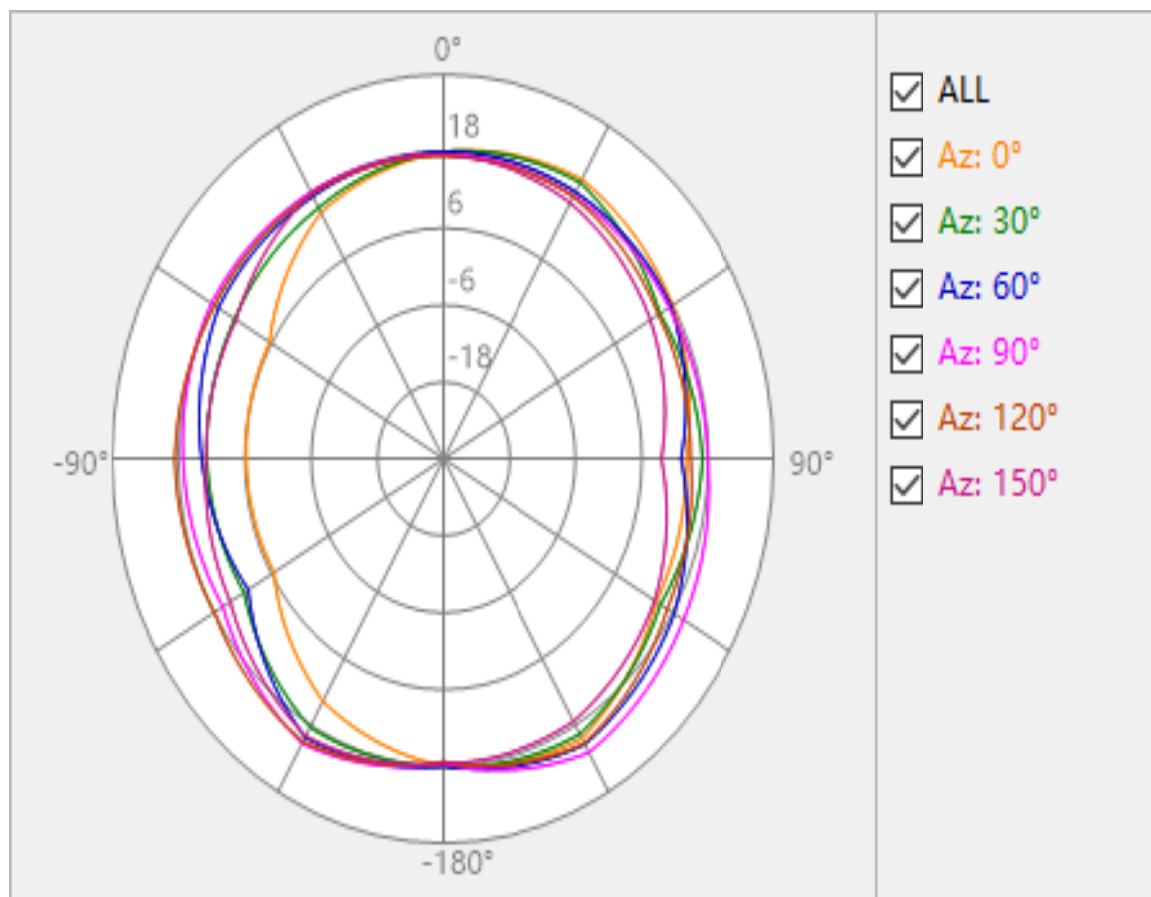
Intermediate frequency

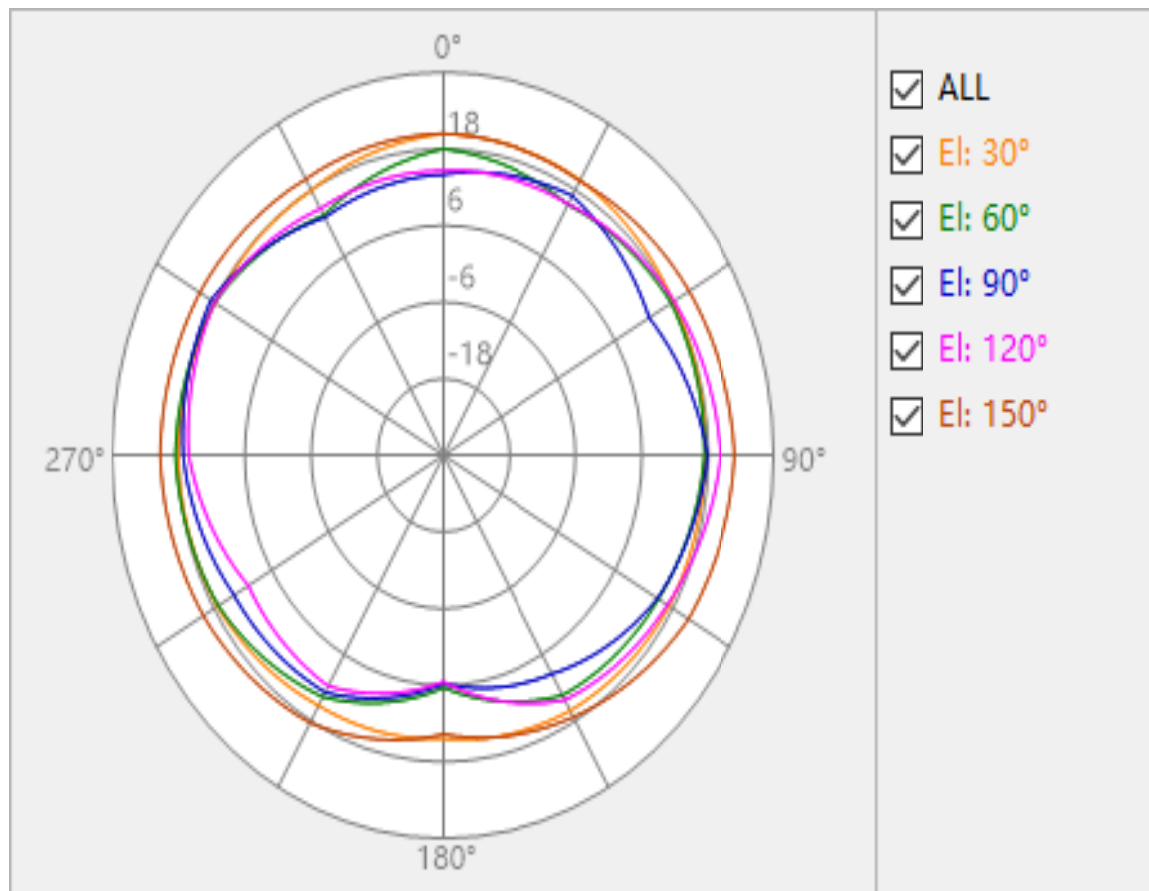


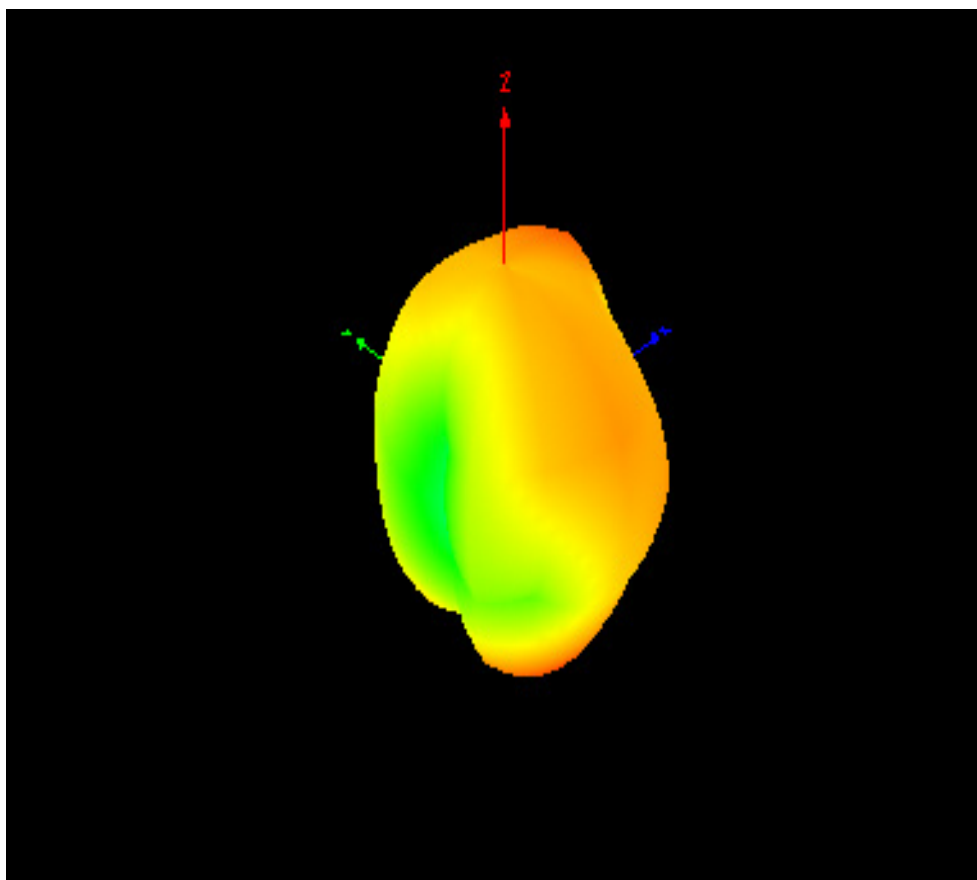




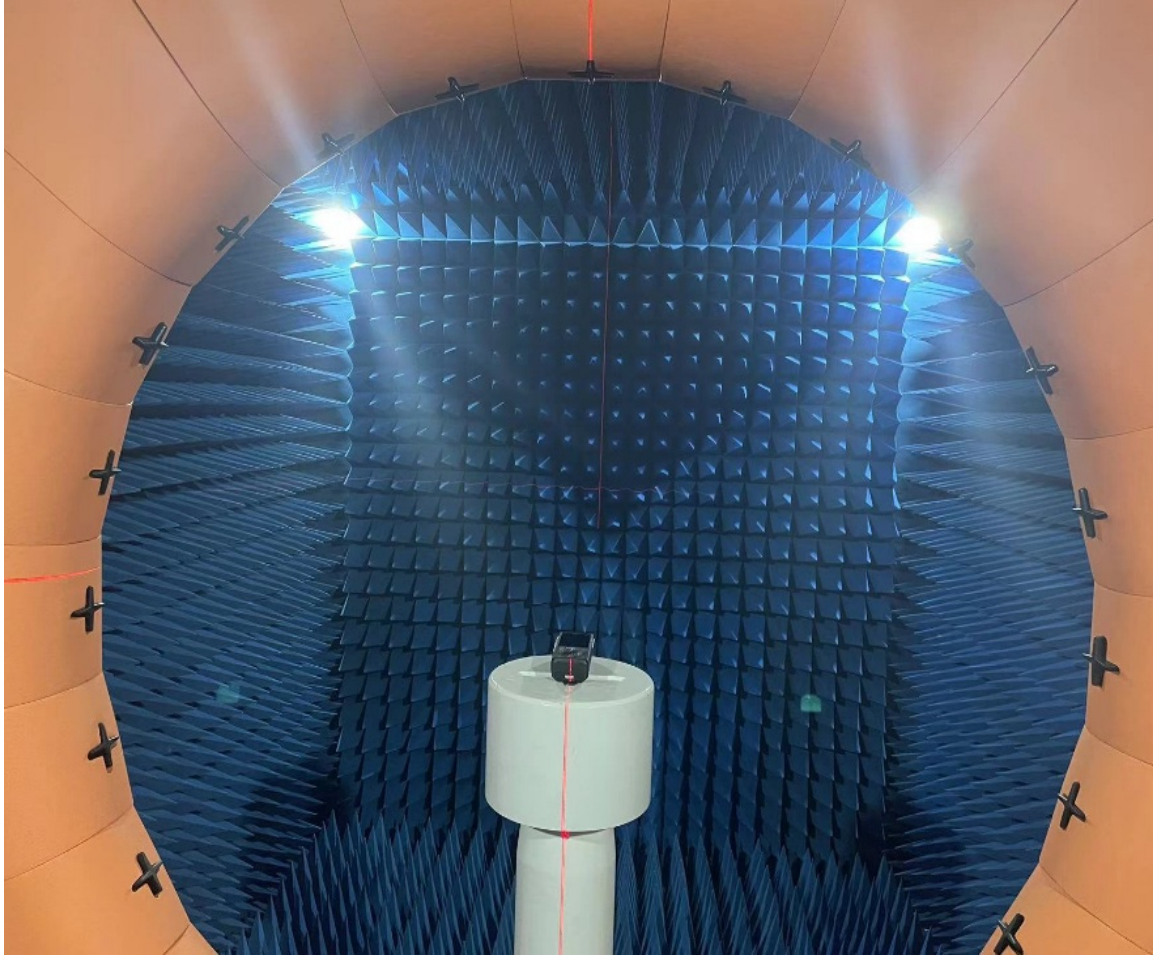
High frequency



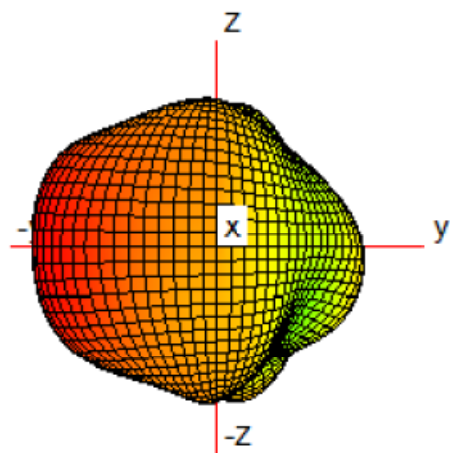




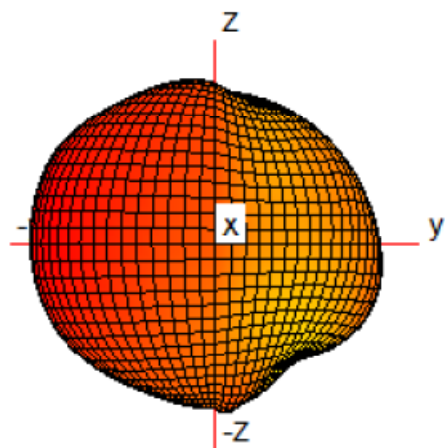
B5	13. 52		W2	17. 02		GSM850	20. 55	
	13. 19			17. 12			20. 92	
	12. 39	−89. 59		17. 45	−104. 89		21. 45	−100. 12
B7	16. 58		W5	11. 84		PCS1900	22. 88	
	16. 91			11. 01			23. 57	
	17. 1	−90. 37		12. 51	−100. 45		23. 12	−104. 85
B38	17. 74							
	16. 7							
	16. 16	−90. 13						
B40	16. 25							
	16. 26							
	16. 28	−90. 67						
B41	16. 02							
	16. 78							
	16. 26	−90. 46						



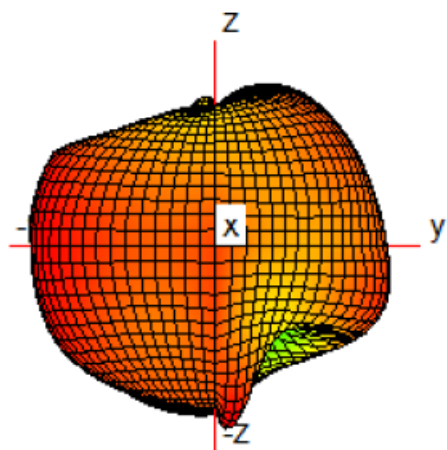
2400 MHz



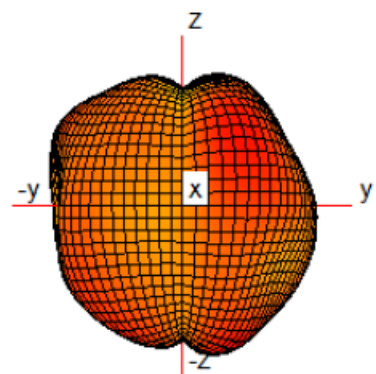
2450 MHz



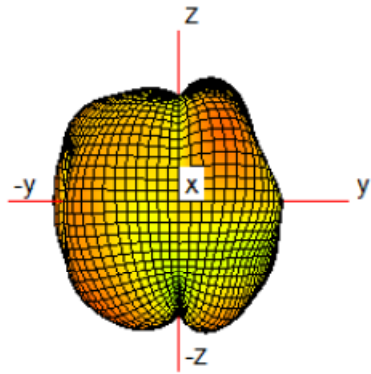
2500 MHz



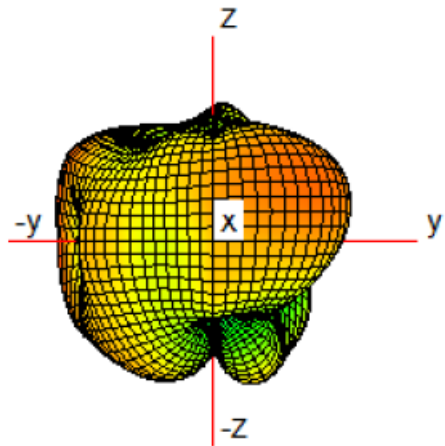
5150MHz



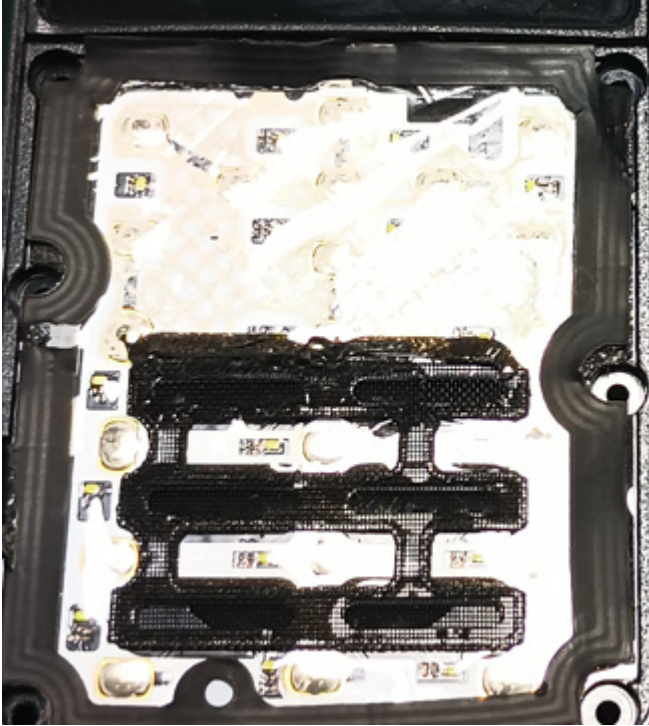
5500 MHz



5850MHz



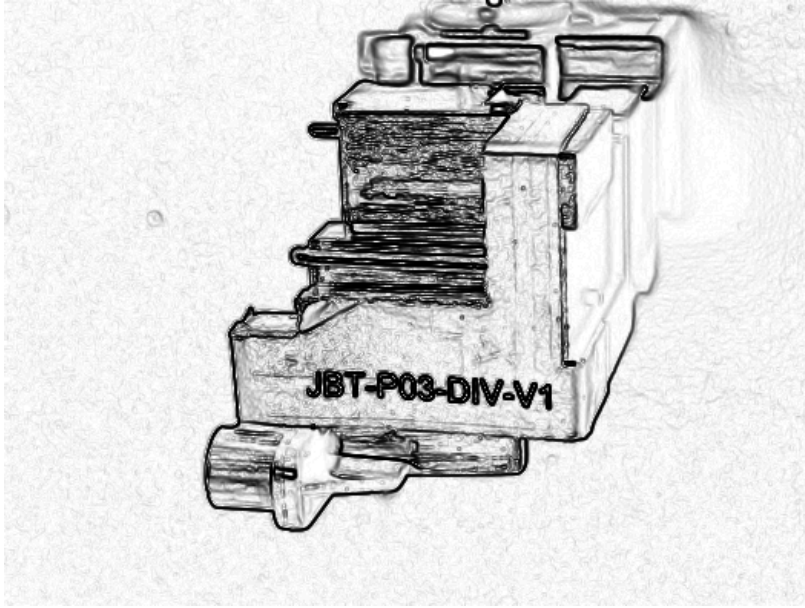
NFC ANT



GSM/WCDMA/LTE MAIN ANT



DIV ANT



BT/Wi-Fi ANT

