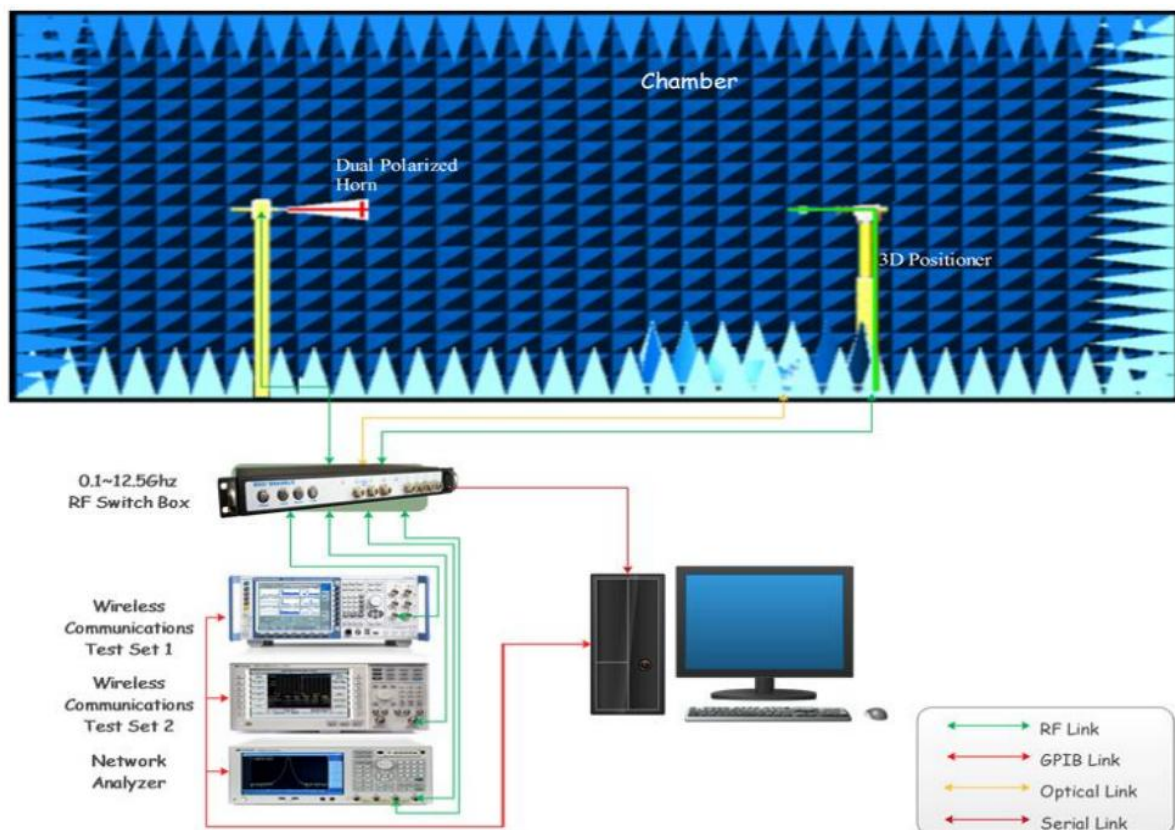


GQ3132 antenna report

Manufacturer	Shenzhen3Good Wireless Communications CO.,LTD
Test Address	Room501,Jinfulai Building,No.49-1,Dabao Road, Baoan District, Shenzhen
Test Instrument	vector network analyzer-Agilent Technologies E5071B

Measurement procedure





Antenna information:

Customer	Boat of wealth
Antenna Model	LDS
Antenna Type	PIFA

Passive performance figure:

Frequency(MHZ)	703~960	1710~2690
VSWR	<3.5	<3.5

Efficient (2G+3G+4G+5G+2. 4G-WiFi/BT/GPS)

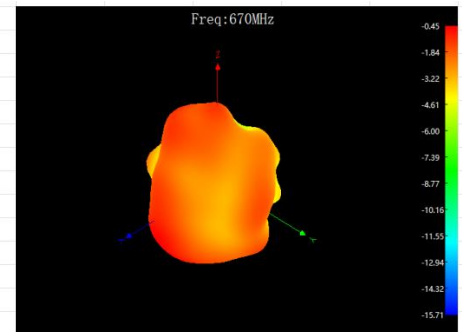
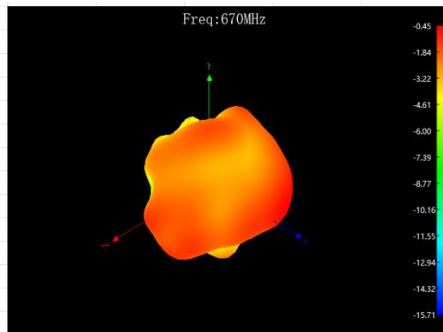
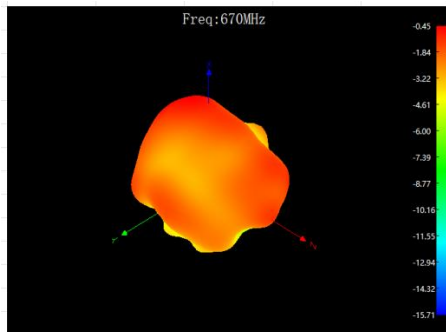
2G:	Freq(MHz)	Effi (%)	Gain(dBi)
GSM850	824-894	21.09	-2.58
GSM900	880-960	22.91	-0.76
DCS1800	1710-1880	36.31	1.73
PCS1900	1850-1990	44.26	2.75
3G:			
W1	1920-2170	42.66	1.48
W2	1850-1990	44.26	2.75
W4	1710-2155	36.31	1.73
W5	824-894	21.09	-2.58
W6	830-885	21.09	-2.58
W8	880-960	22.91	-0.76
W19	830-890	21.09	-2.58
4G:			
LTE-B1	1920-2170	42.66	1.48
LTE-B2	1850-1990	44.26	2.75
LTE-B3	1710-1880	36.31	1.73
LTE-B4	1710-2155	36.31	1.73
LTE-B5	824-894	21.09	-2.58
LTE-B7	2500-2690	30.13	0.2
LTE-B8	880-960	22.91	-0.76
LTE-B12	699-746	15.7	-1.93
LTE-B13	746-787	17.58	-1.5
LTE-B17	704-746	15.7	-1.93
LTE-B18	815-875	21.09	-2.58
LTE-B19	830-890	21.09	-2.58
LTE-B20	791-862	21.09	-2.58
LTE-B25	1850-1995	44.26	2.75
LTE-B26	814-894	21.09	-2.58
LTE-B28	703-803	15.7	-1.93
LTE-B34	2010-2025	35.97	0.22
LTE-B38	2570-2620	29.04	0.63
LTE-B39	1880-1920	44.26	2.75
LTE-B40	2300-2400	29.79	-0.54
LTE-B41	2496-2690	30.13	0.63
LTE-B66	1710-2200	36.31	1.73
LTE-B71	617-698	19.36	-0.45
BT/WIFI-2. 4G	2400-2500	37.15	1.46
5G-WIFI	5150-5850	27.67	0.74
GPS	1575.42	29.85	0.9



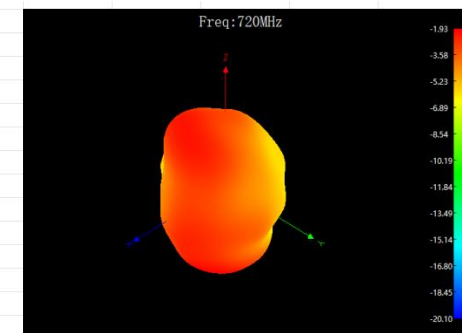
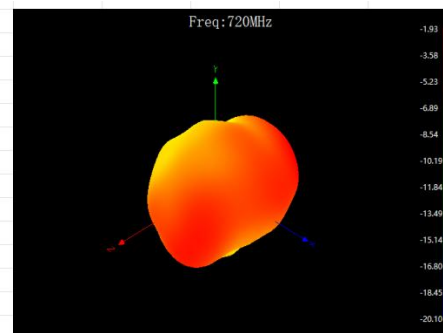
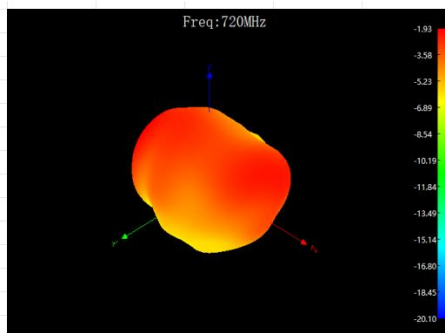
3-D PattenPlots

Effient (2G+3G+4G)

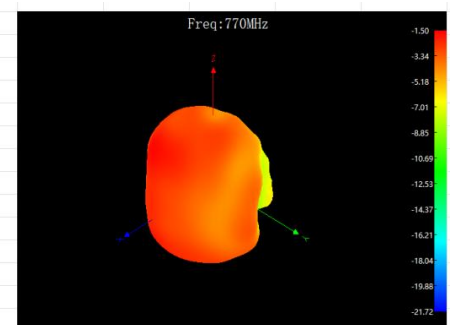
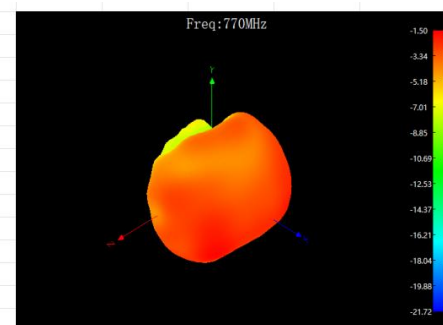
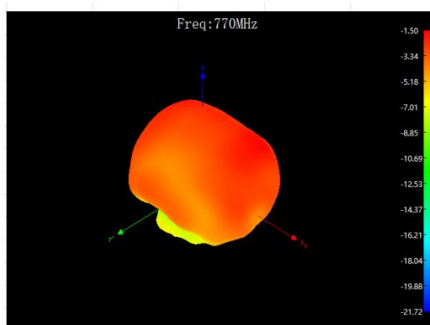
Effient (619-698MHz)



Effient (699-746MHz)

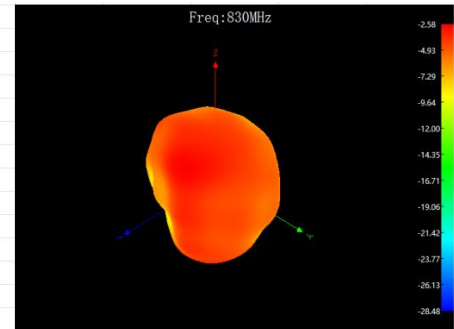
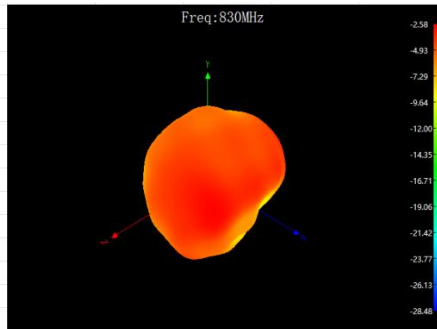
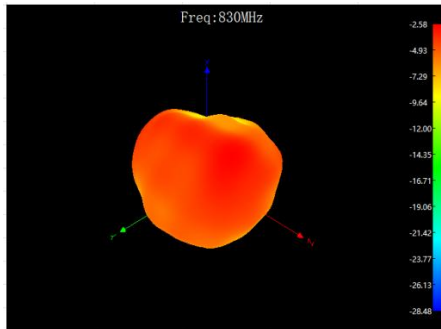


Effient (746-787MHz)

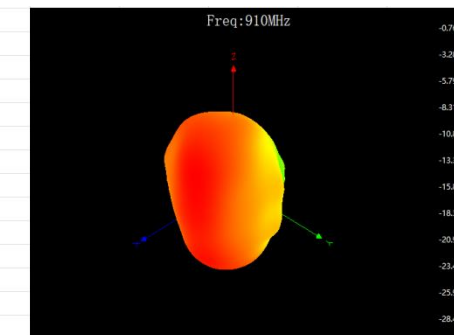
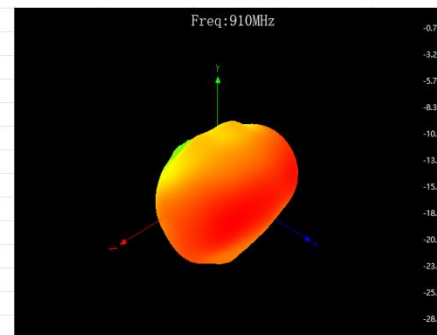
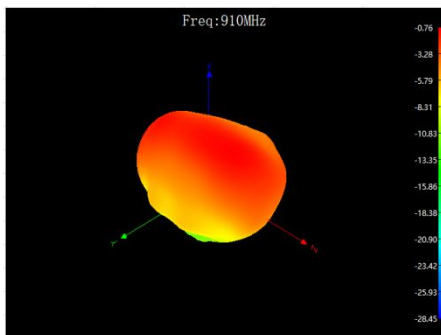




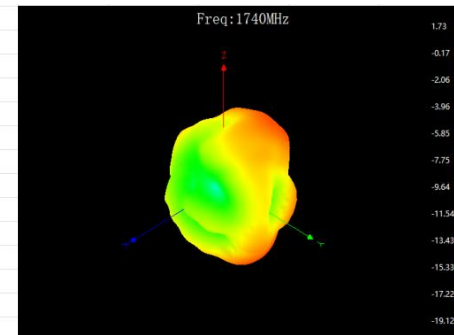
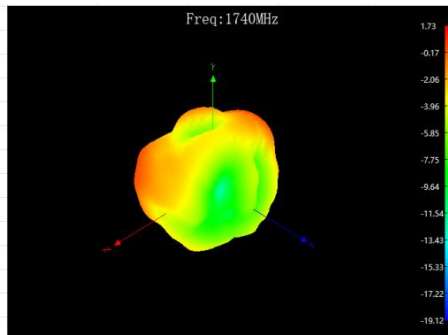
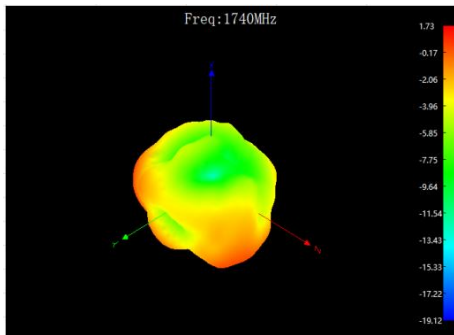
Effient (791-894MHz)



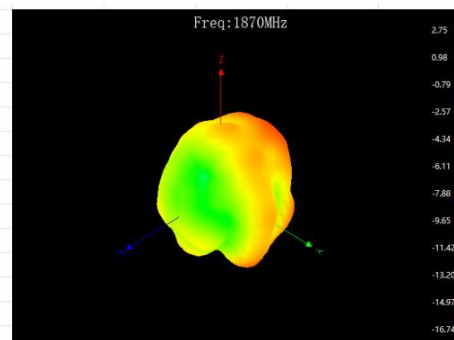
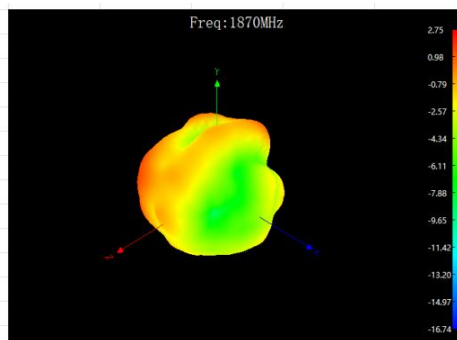
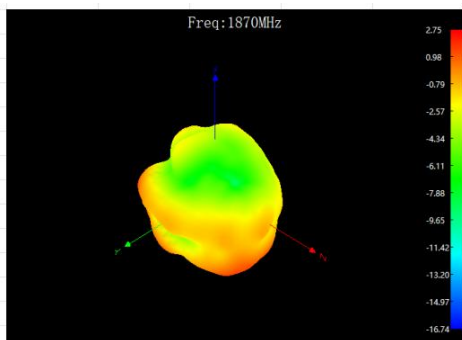
Effient (880-960MHz)



Effient (1710-1880MHz)

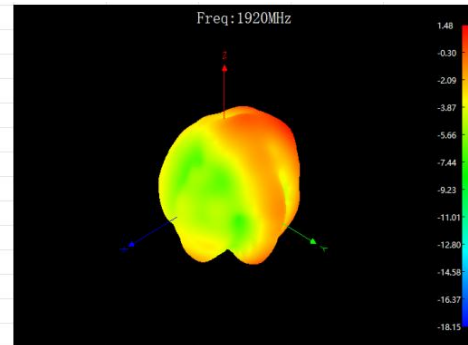
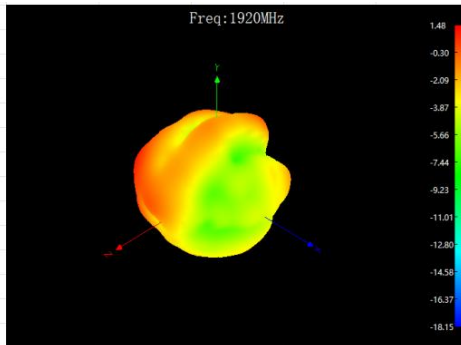
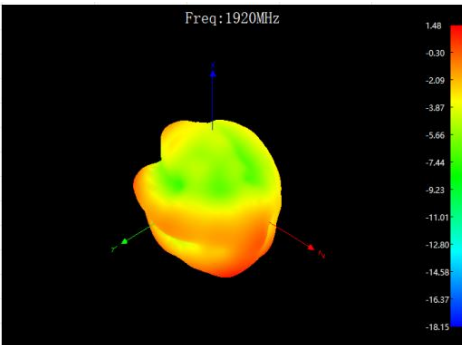


Effient (1850-1990MHz)

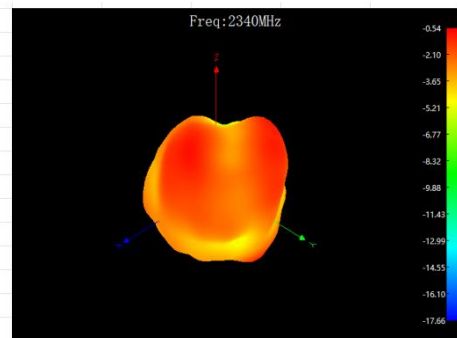
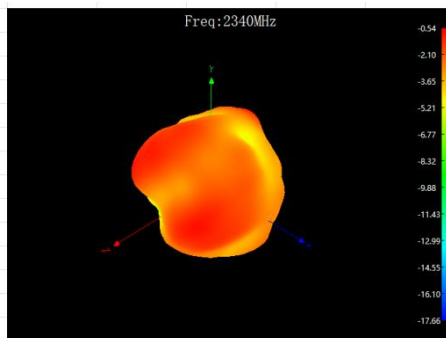
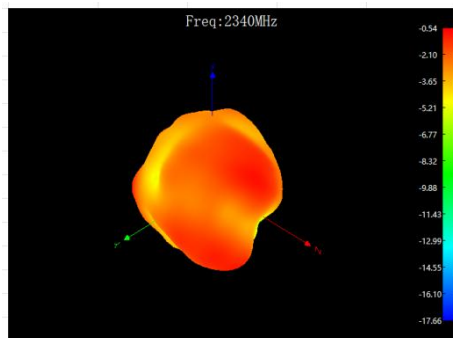




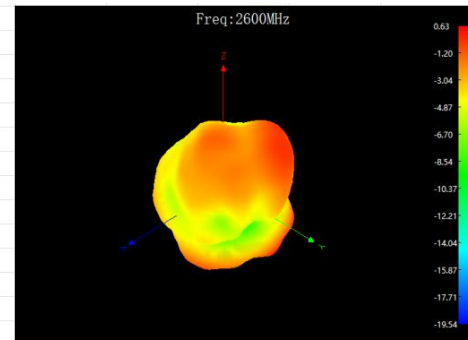
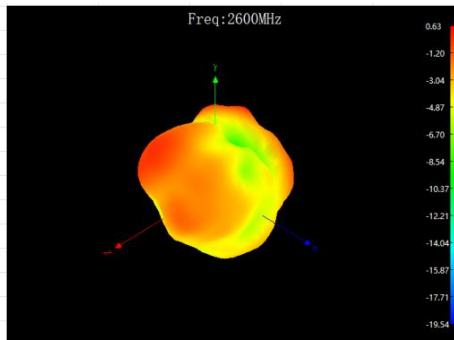
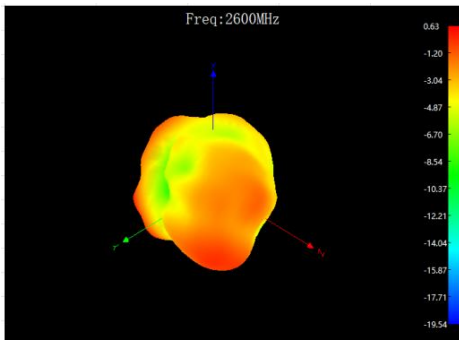
Effient (1920-2170MHz)



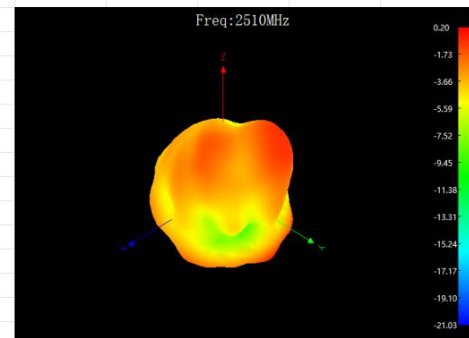
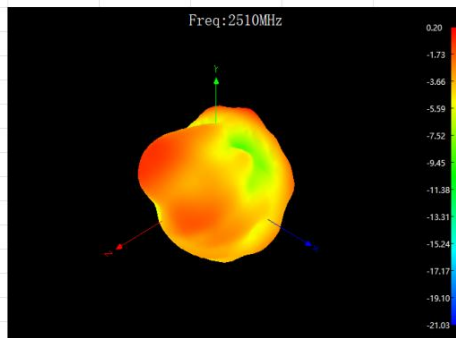
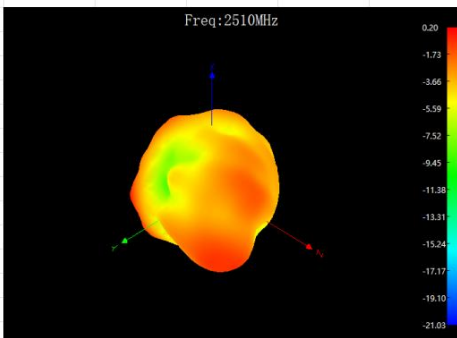
Effient (2300-2400MHz)



Effient (2570-2610MHz)



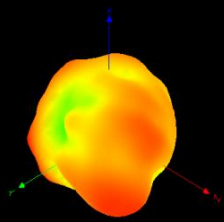
Effient (2500-2690MHz)



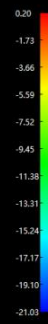
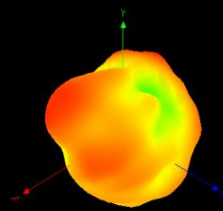


Effient (2496-2690MHz)

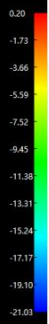
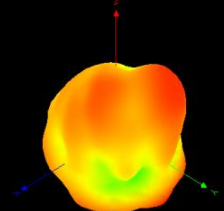
Freq:2510MHz



Freq:2510MHz



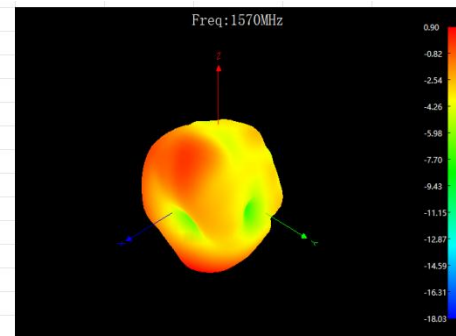
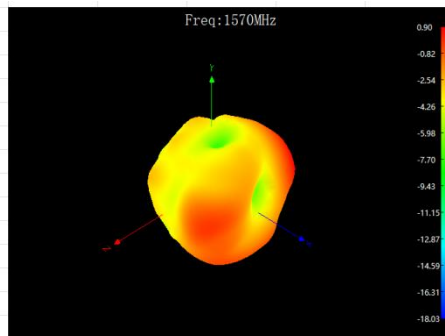
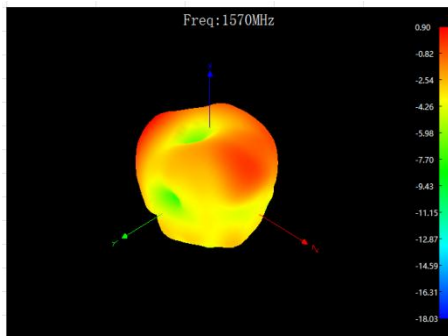
Freq:2510MHz



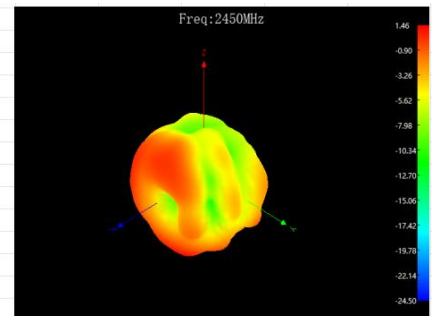
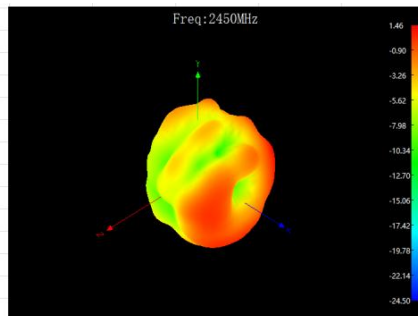
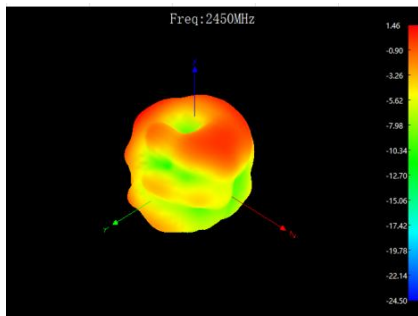


Effient (5G+2. 4G/5. 8G-WiFi/BT/GPS)

Effient (1575MHz)



Effient (2400–2500MHz)



Effient (5150–5850MHz)

