

ANT Communication Technology (Shenzhen) Co., LTD

深圳市安特通讯科技有限公司

天线产品承认书
Antenna Specification

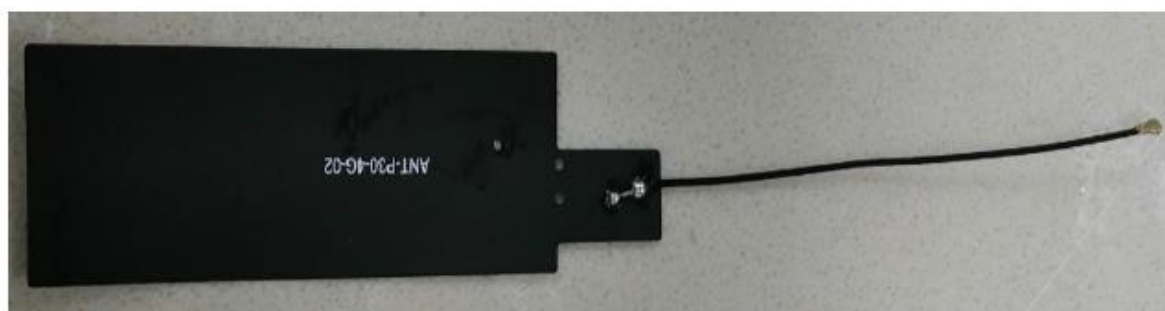
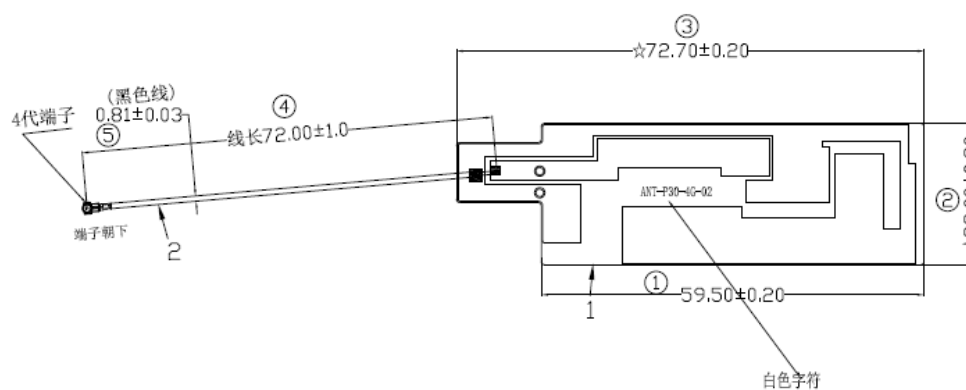
Customer name:	Wuhan Tianyu Information Industry Co., Ltd.
Project name:	ANT052117IB58-02
Antenna band:	GSM /WCDMA /LTE
Model name:	ANT-P30-4G-02

1、Test environment and equipment

系统品牌: MVG(SATIMO) 测量功能:增益、方向图波束宽度交叉极化分辨率旁瓣电平3D腔体反射率在任何极化的腔体反射率(直线或圆弧)天线效率
TRP, TIS, EIRP和EIS. 频段:StarLab 650兆赫至6千兆赫



2、dimensions

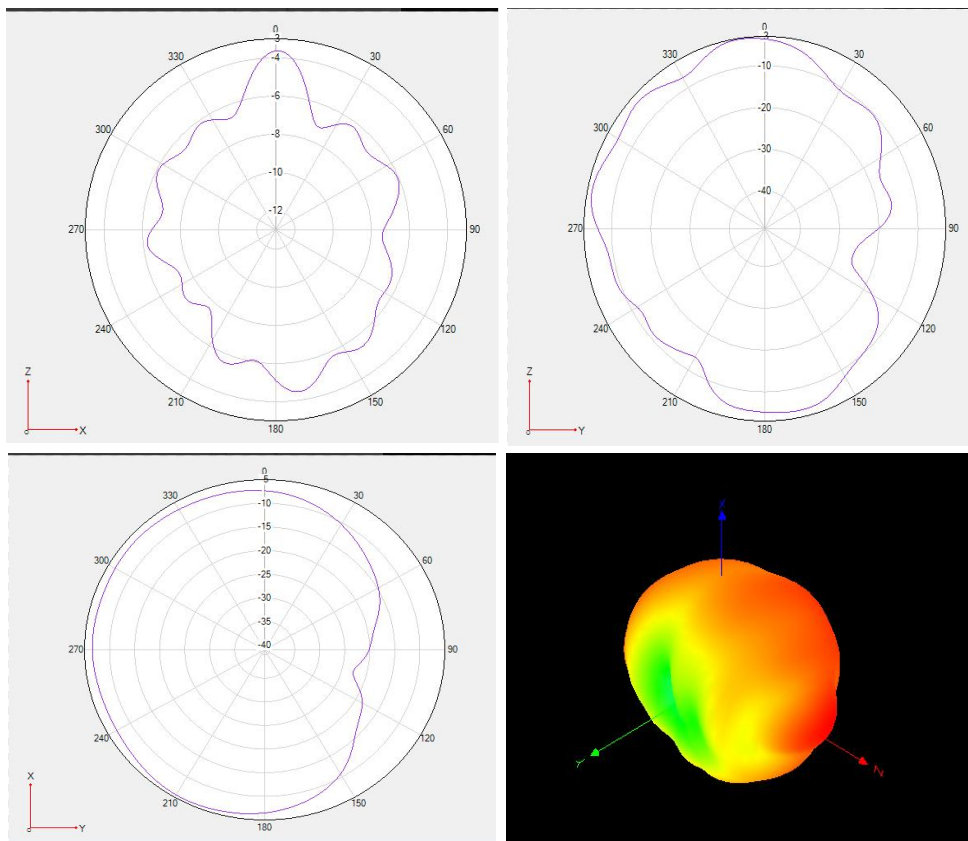


3、Antenna Gain

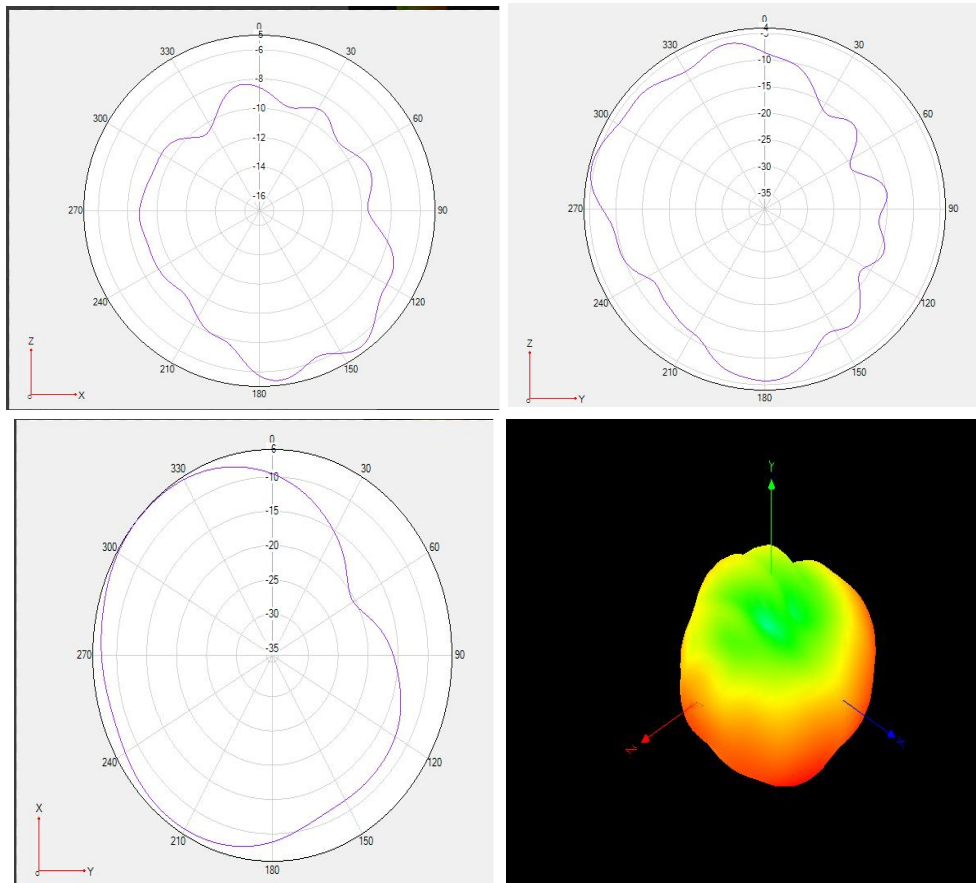
2G	Frequency range	Effi %	Gaim dBi
GPRS850	824~894Mhz	27.42	0.51
GPRS900	880~960Mhz	30.12	-1.51
GPRS1800	1710~1880Mhz	40.12	0.51
GPRS1900	1850~1990Mhz	39.55	0.81
3G			
WCDMA 1	1920~2170Mhz	40.12	0.81
WCDMA 2	1850~1990Mhz	39.55	0.82
WCDMA 5	824~894Mhz	27.42	0.52
WCDMA 8	880~960Mhz	30.12	-1.51
4G			
LTE 1	1920~2170Mhz	40.12	0.81
LTE 3	1710~1880Mhz	40.12	0.51
LTE 5	824~894Mhz	27.42	0.50
LTE 7	2500~2690Mhz	40.21	0.69
LTE 8	880~960Mhz	30.12	-1.51
LTE 20	824~894Mhz	27.42	0.51
LTE 28	708~798Mhz	33.09	-1.12
LTE 38	2570~2620Mhz	35.78	0.72
LTE 40	2300~2400Mhz	40.75	0.71
LTE 41	2496~2690Mhz	40.34	0.91

4、Antenna pattern

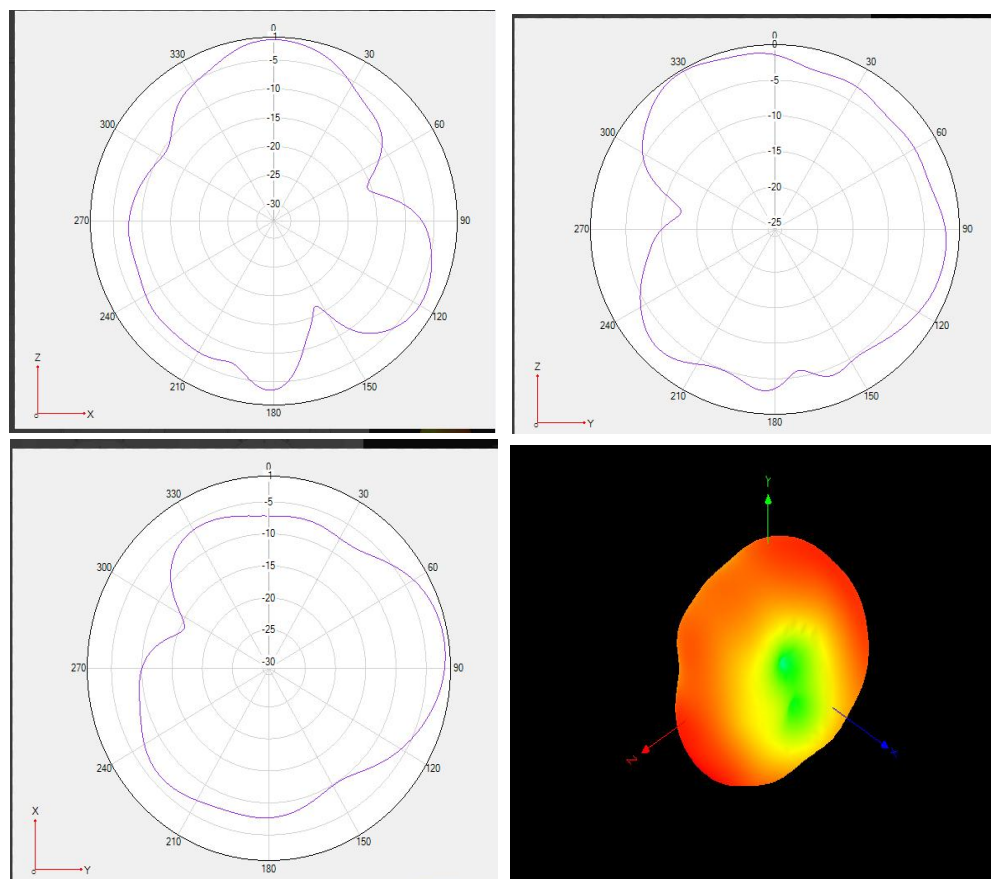
GPRS 850



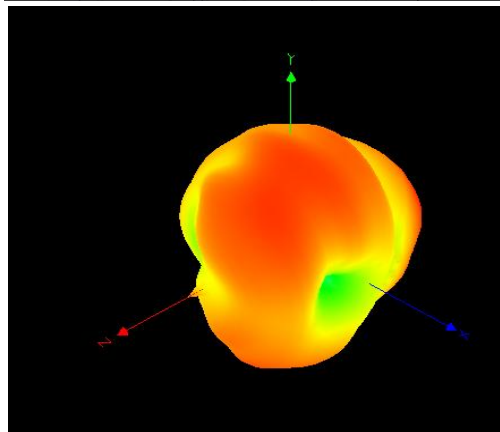
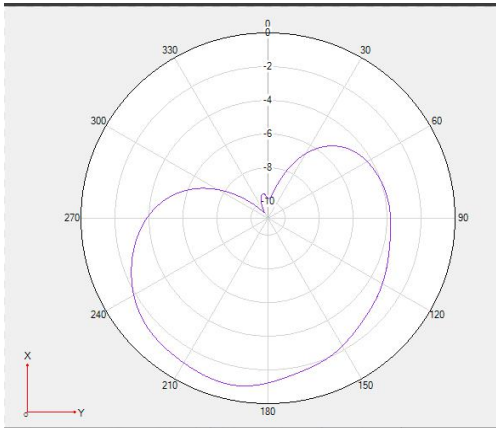
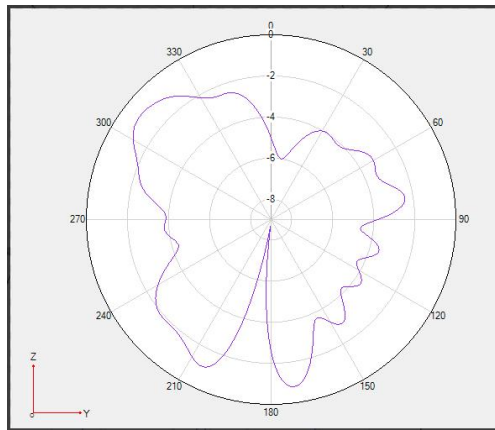
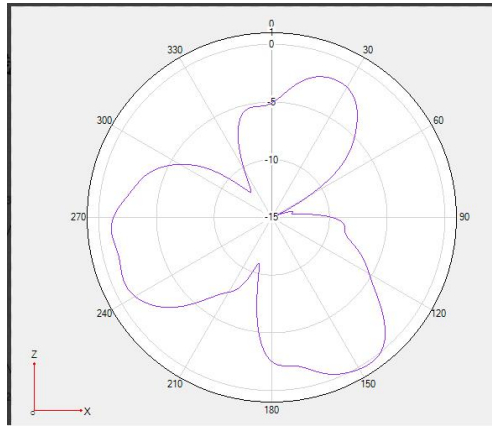
GPRS 900



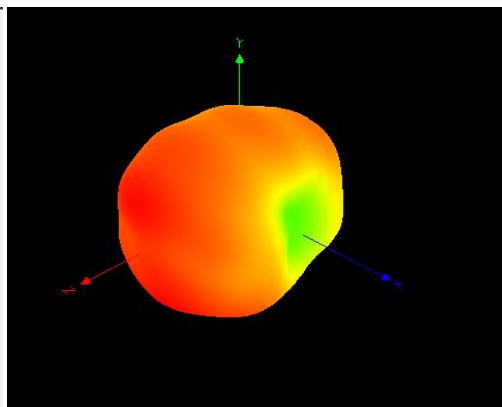
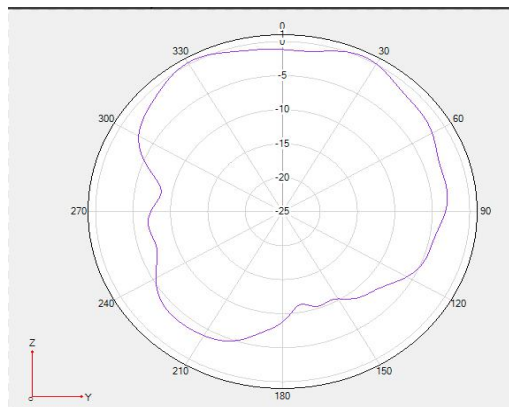
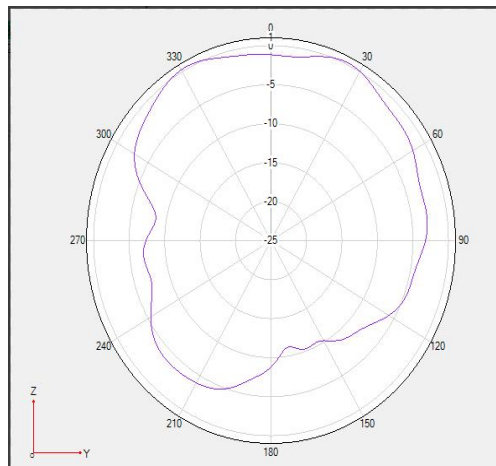
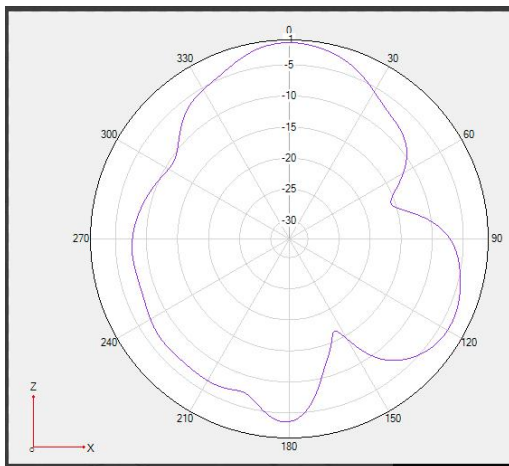
GPRS 1800



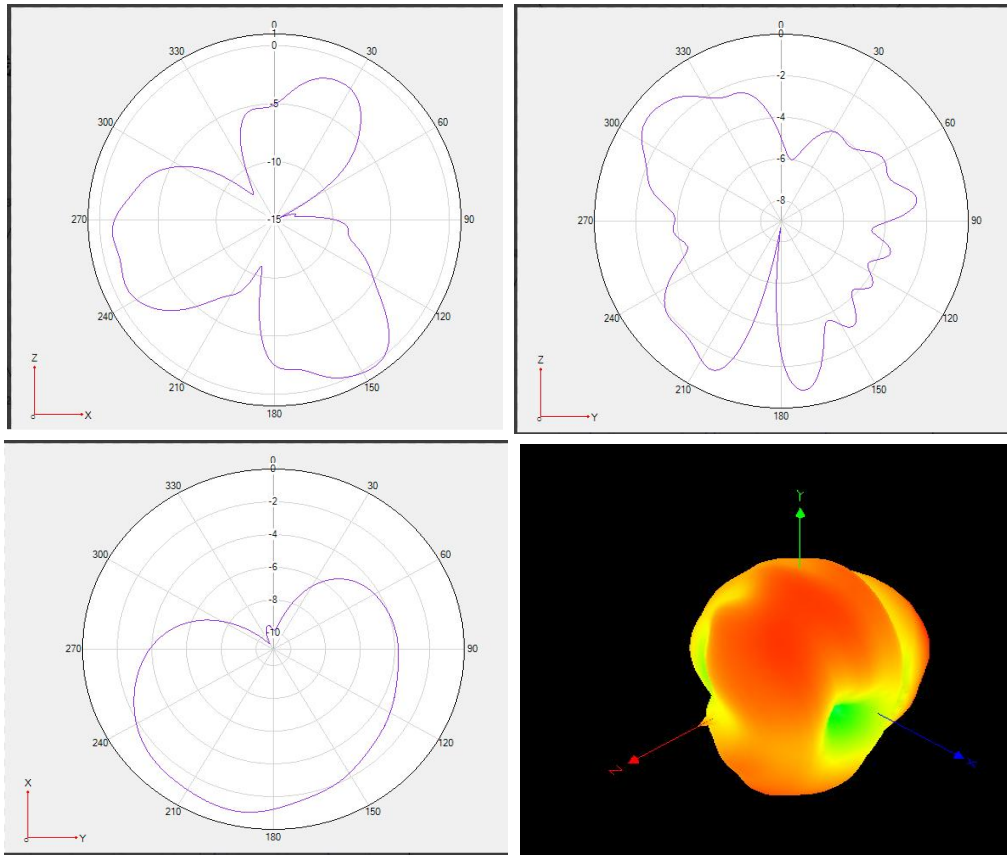
GPRS1900



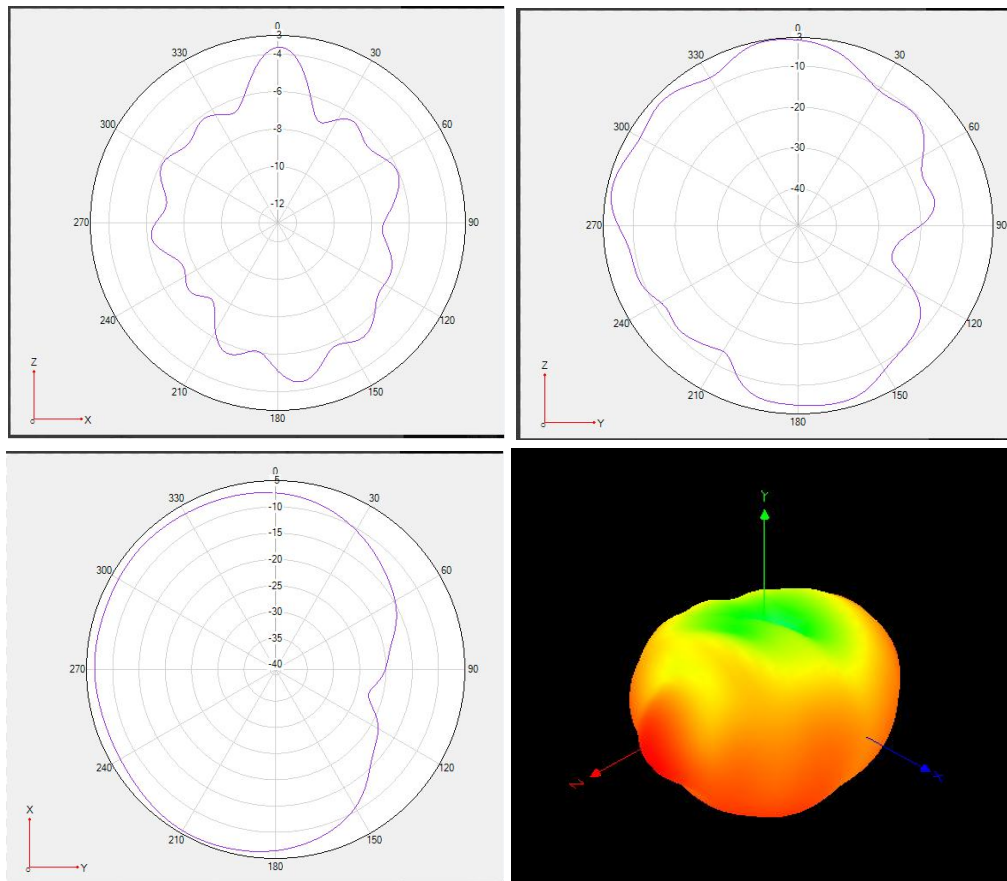
WCDMA 1



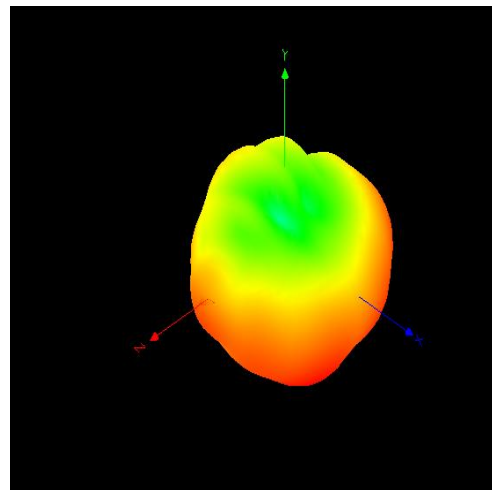
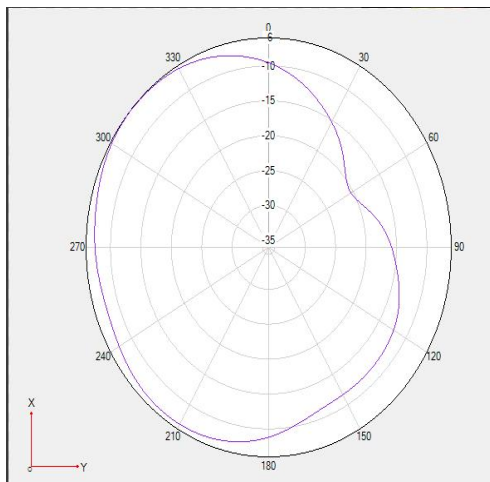
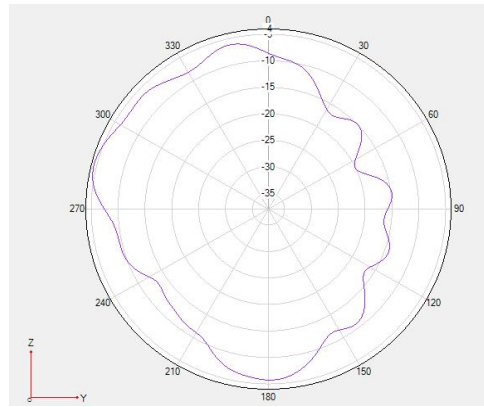
WCDMA 2



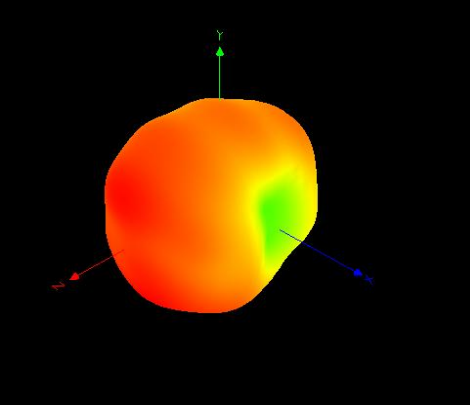
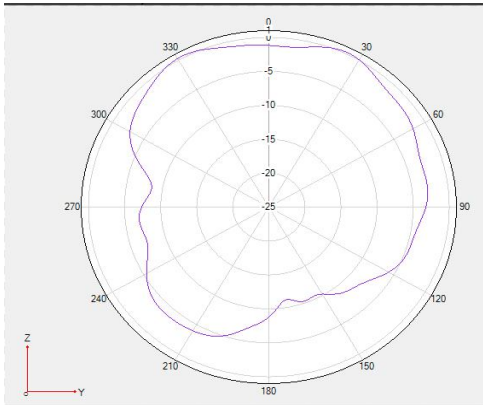
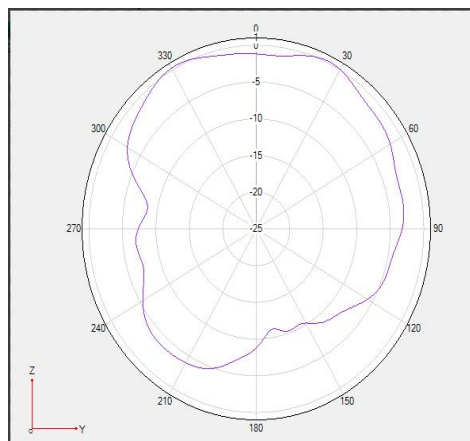
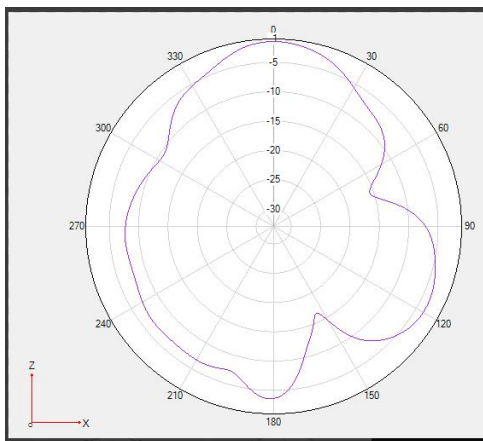
WCDMA 5



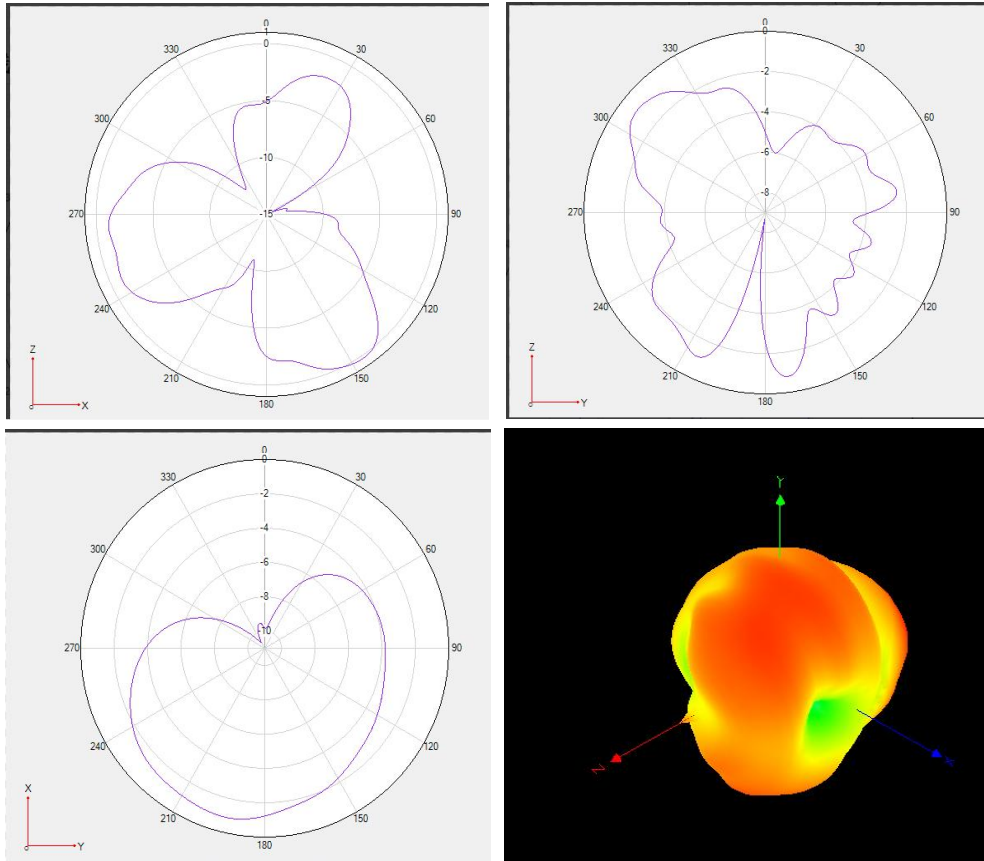
WCDMA 8



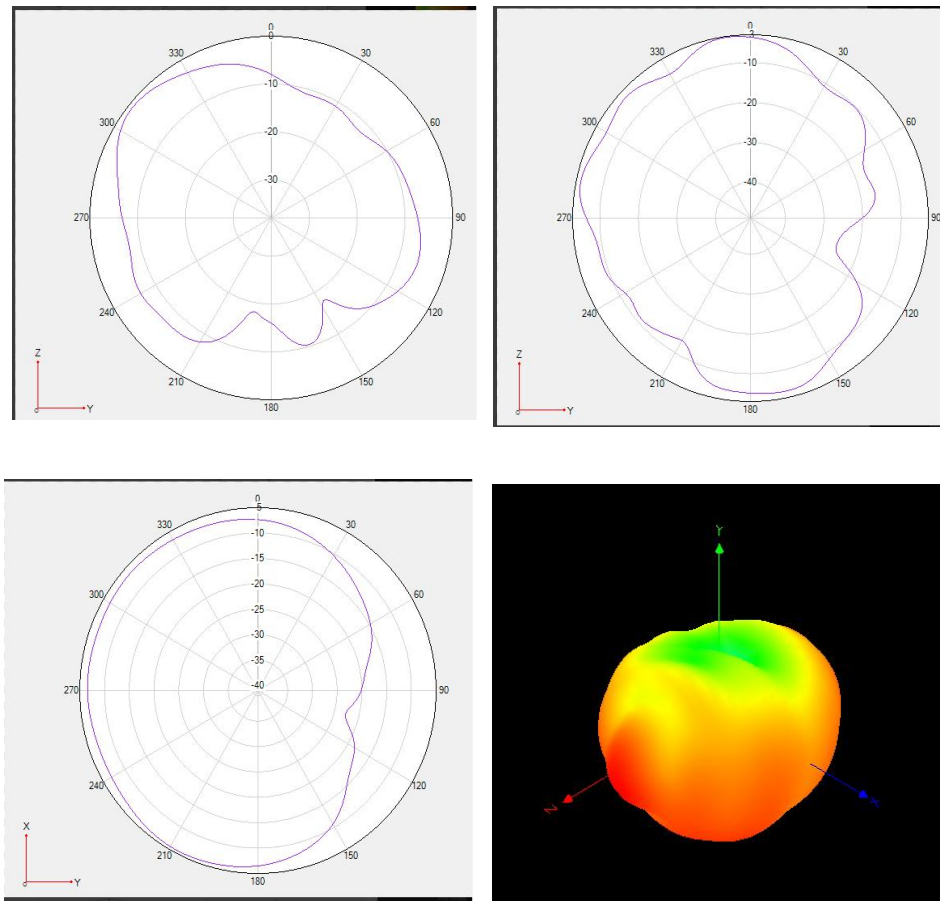
LTE 1



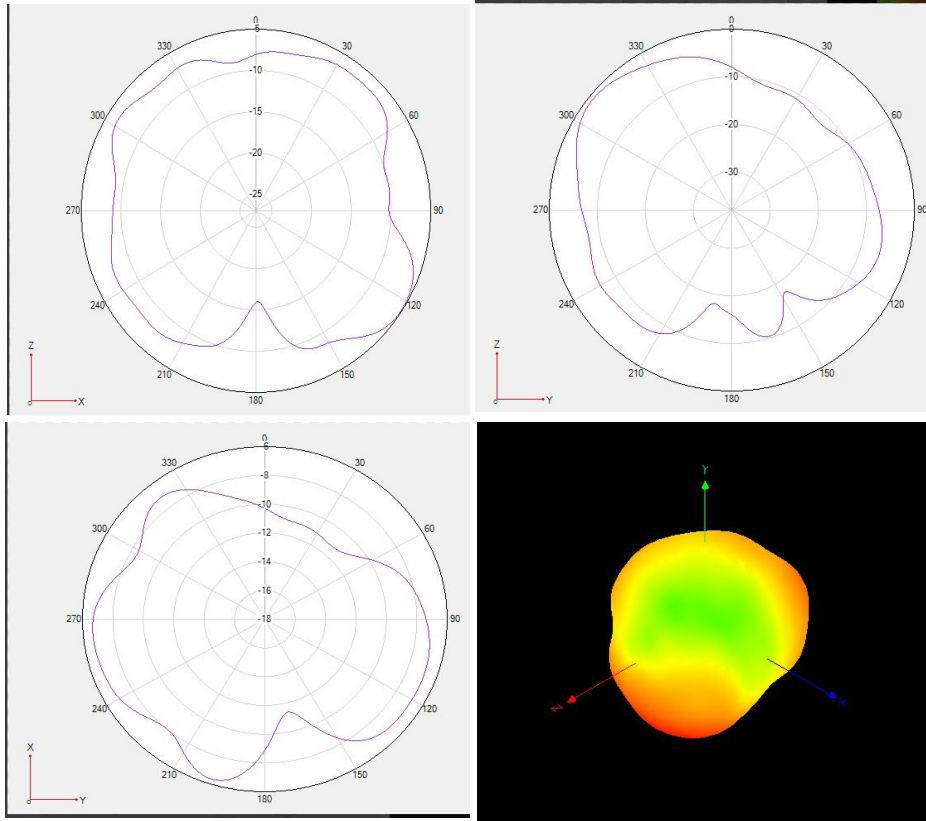
LTE 3



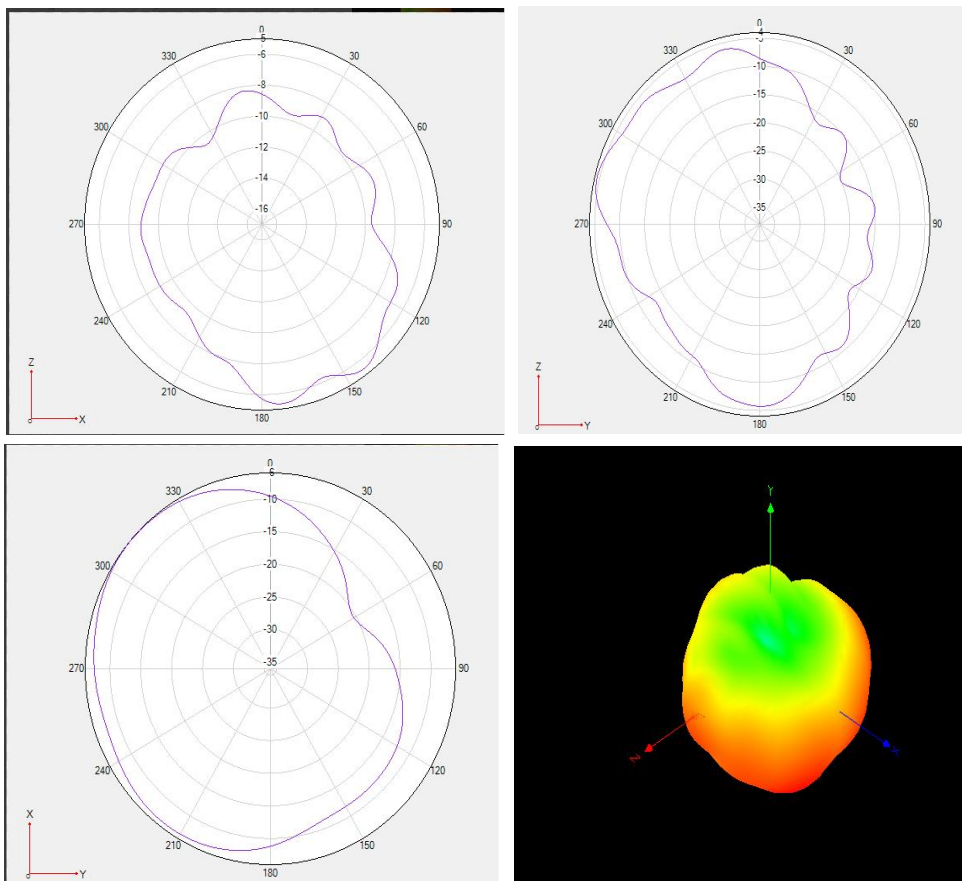
LTE 5



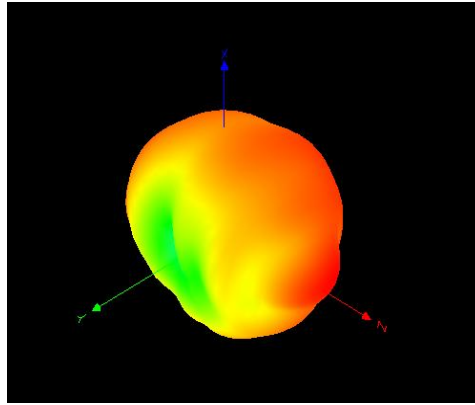
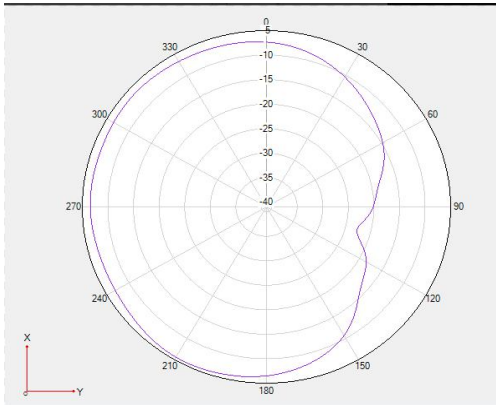
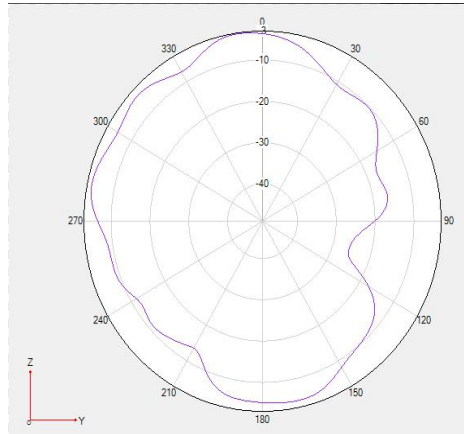
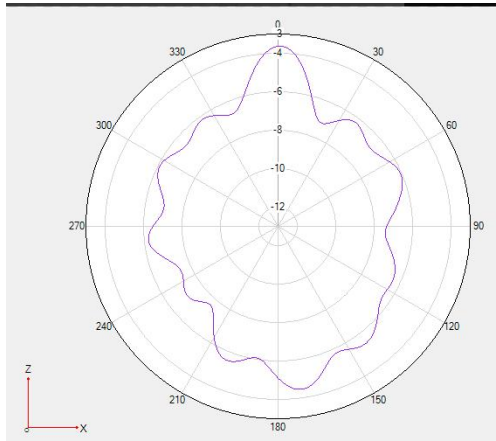
LTE 7



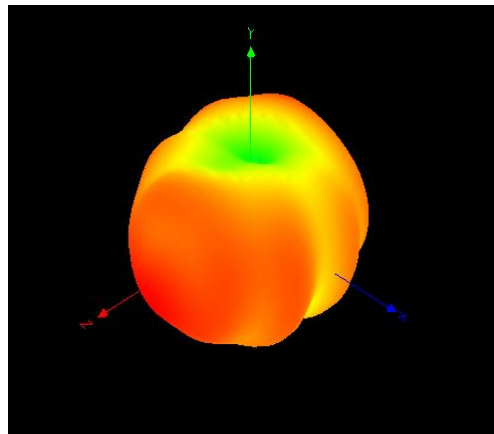
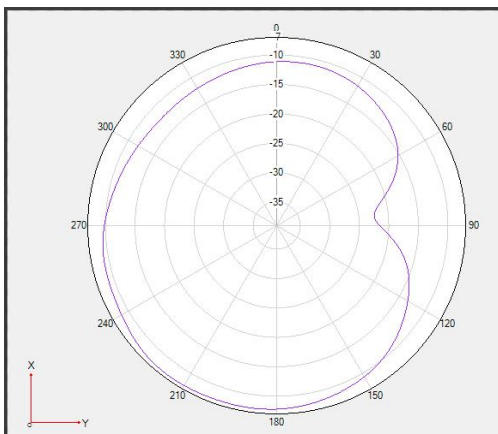
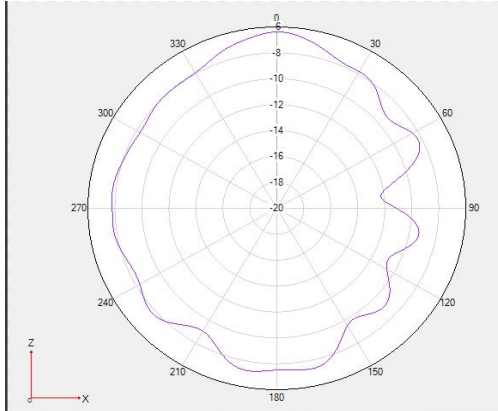
LTE 8



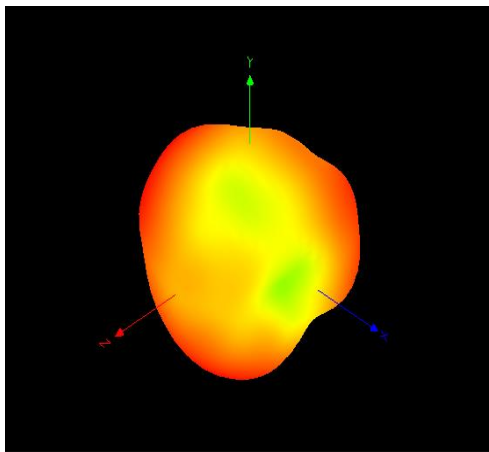
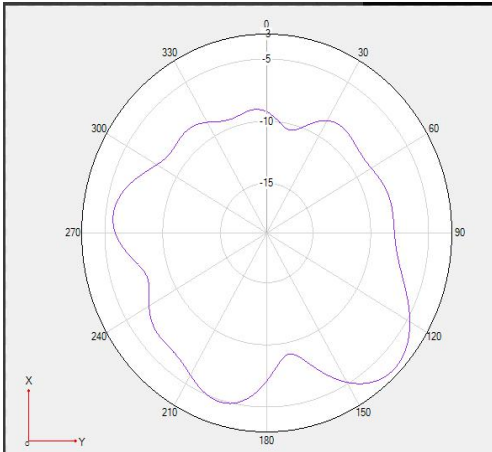
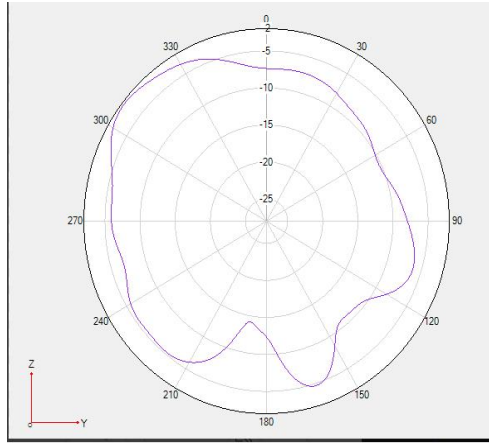
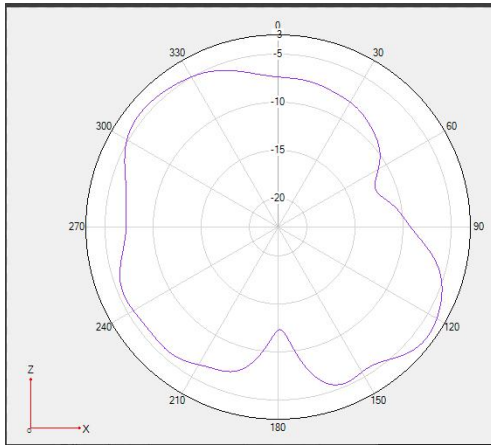
LTE 20



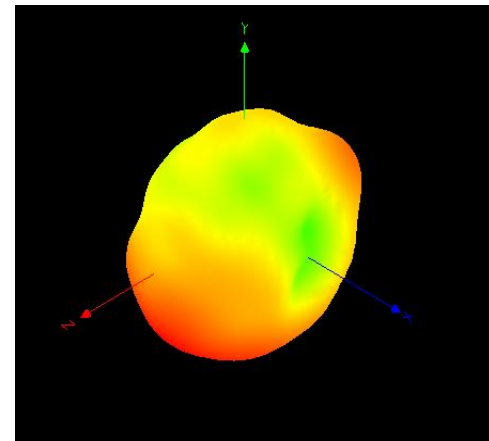
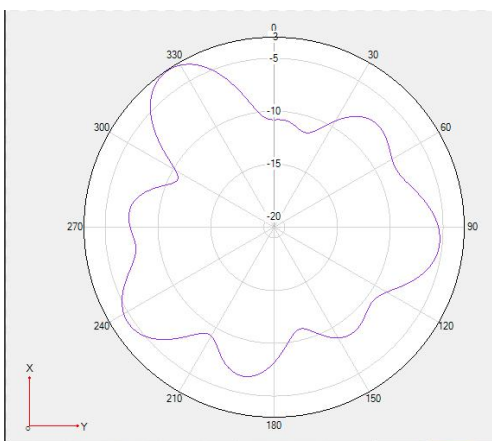
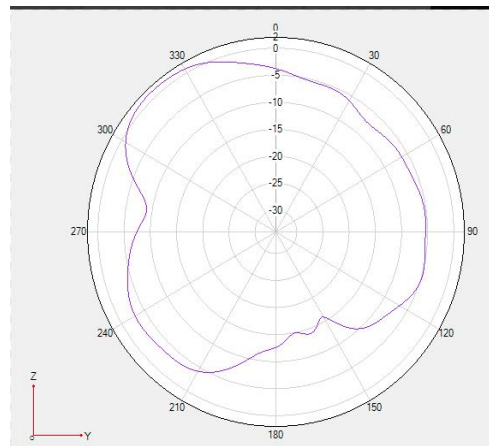
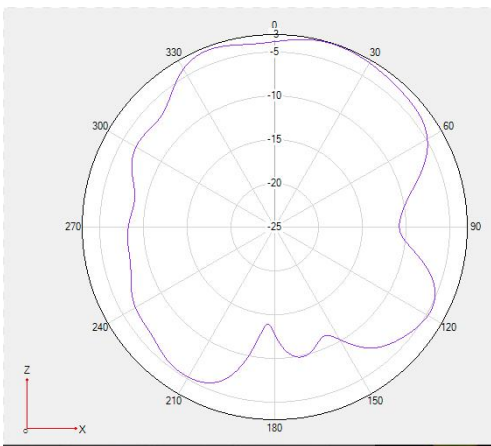
LTE 28



LTE 38



LTE 40



LTE 41

