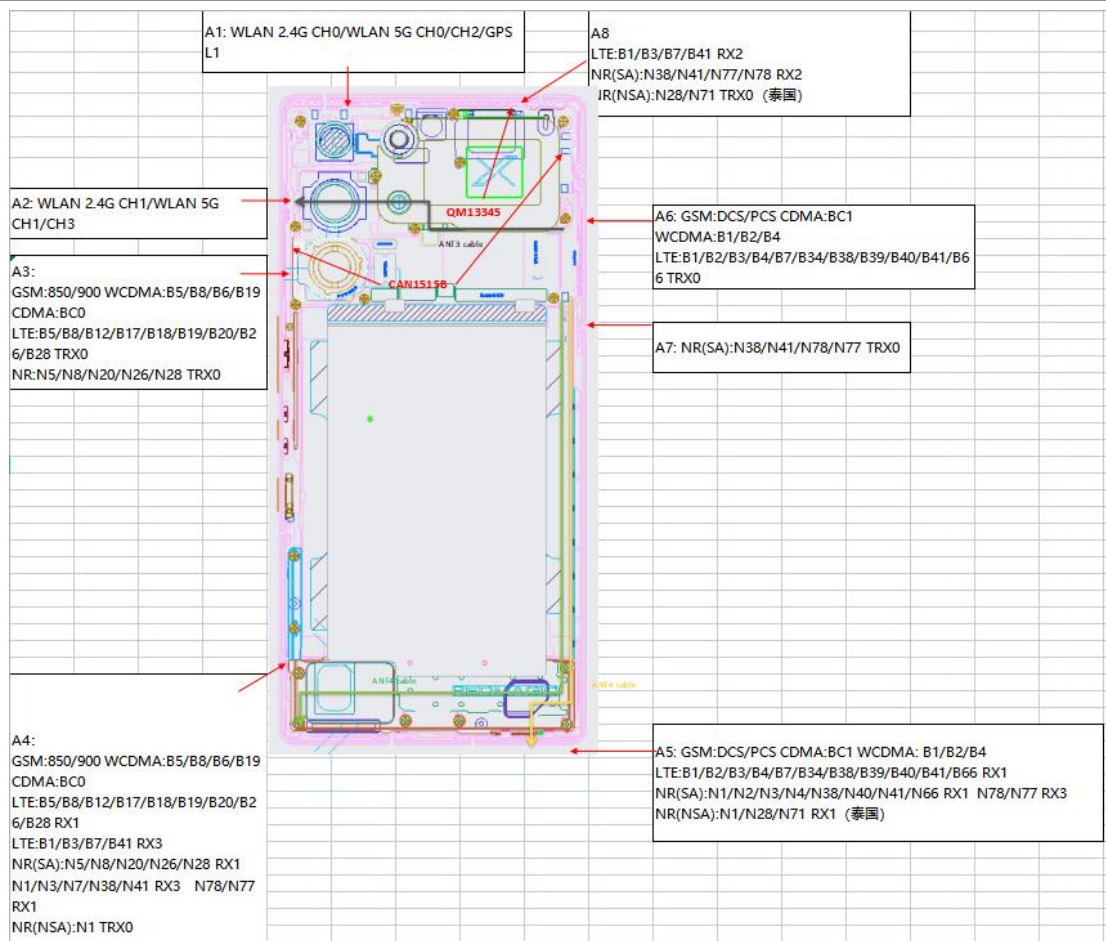


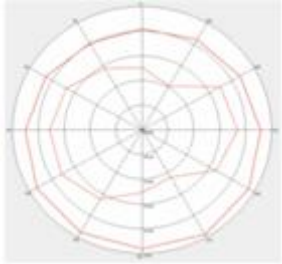
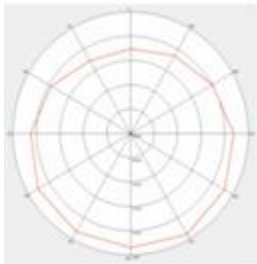
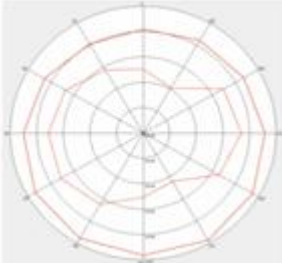
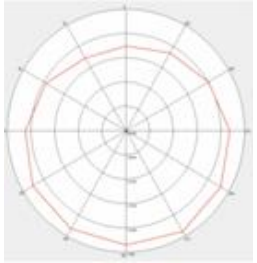
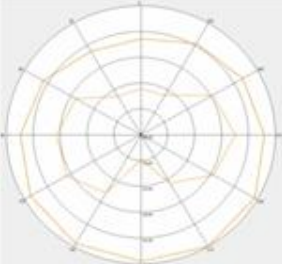
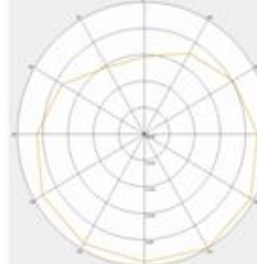
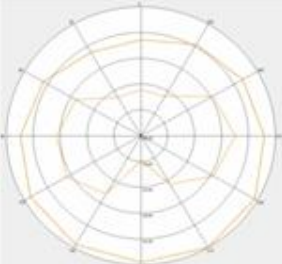
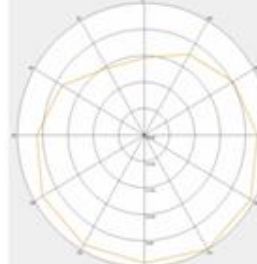
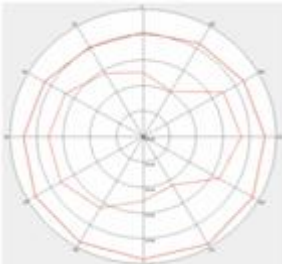
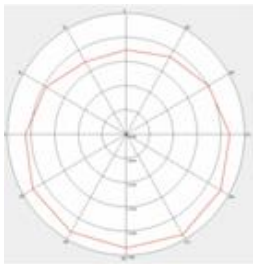
Nubia Technology Co., Ltd.

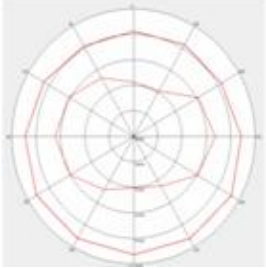
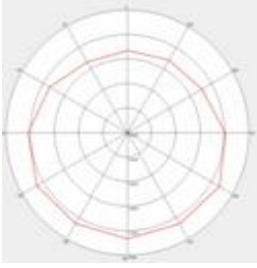
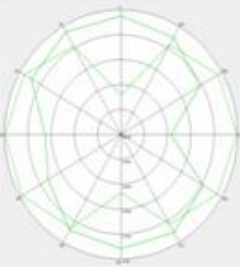
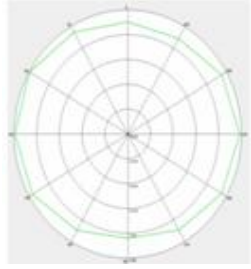
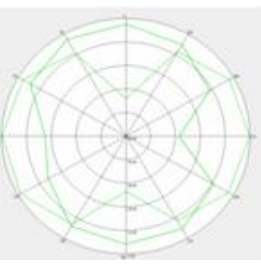
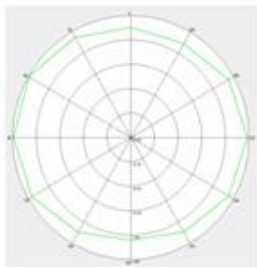
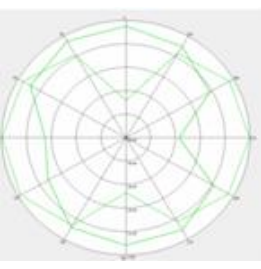
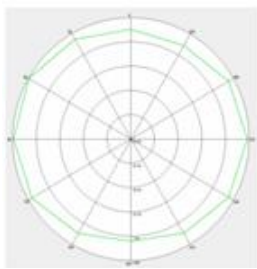
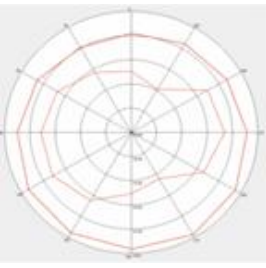
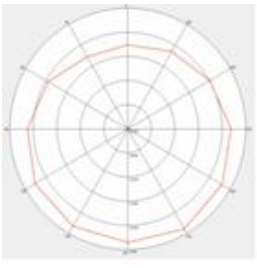
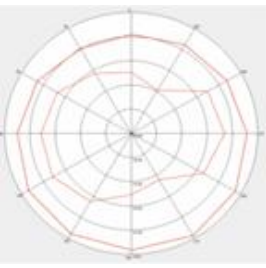
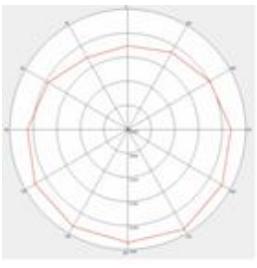
Antenna parameter sheet for NX789

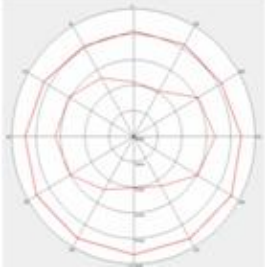
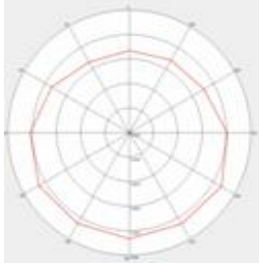
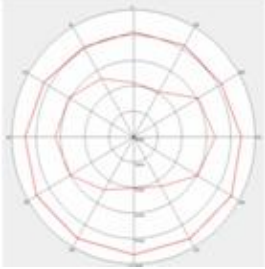
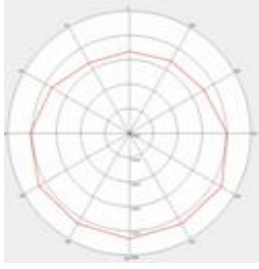
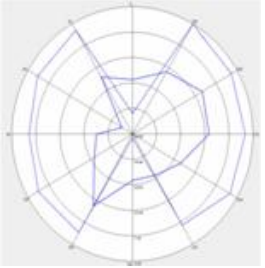
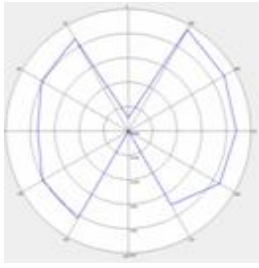
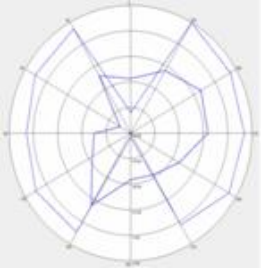
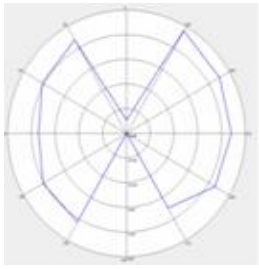
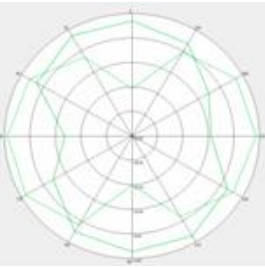
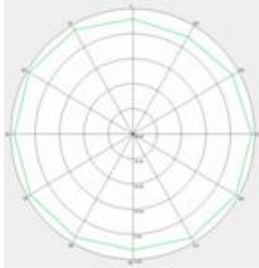
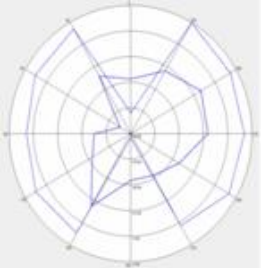
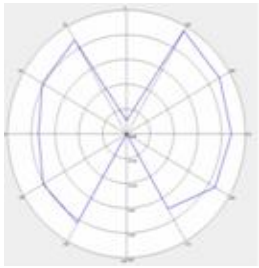
	Main antenna	Diversity antenna	GPS/WIFI/BT antenna	NR antenna
Antenna type	Internal PIFA	Internal PIFA	Internal PIFA	Internal PIFA
Model	NX789_main antenna	NX789_Diversity antenna	NX789_GPS/WIFI/BT antenna	NX789_NR antenna
Antenna manufacturer	Shenzhen Zhongtian Xun Communication Technology Shares Co., Ltd.			
Antenna position	Right	bottom	Left	Right、left

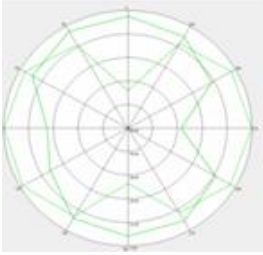
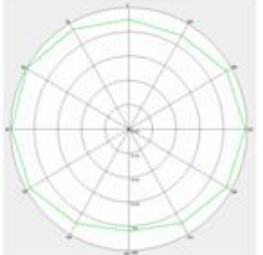
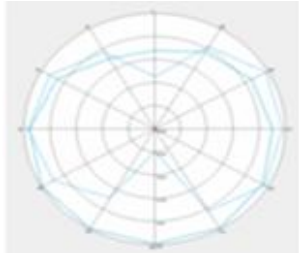
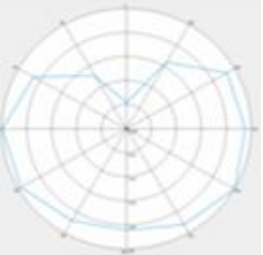
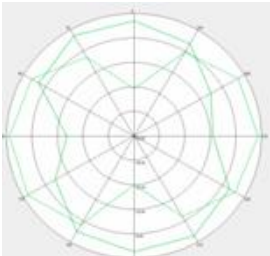
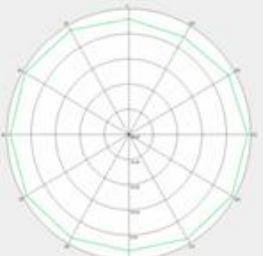
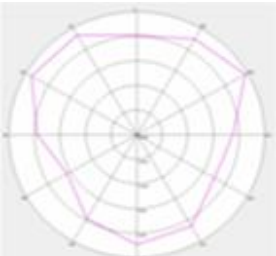
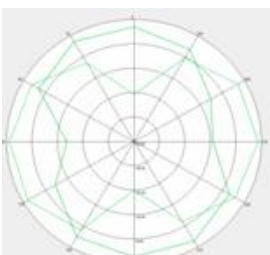
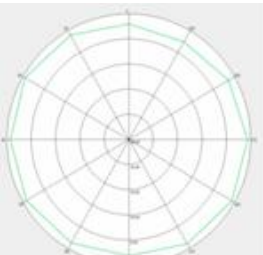


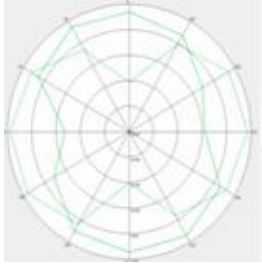
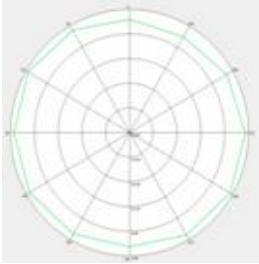
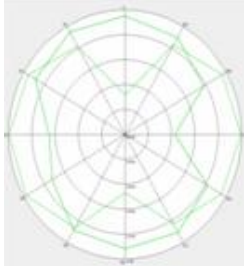
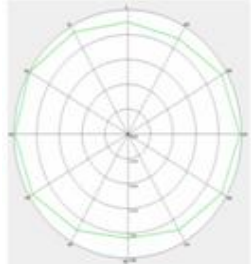
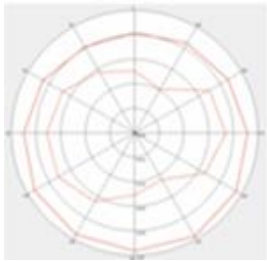
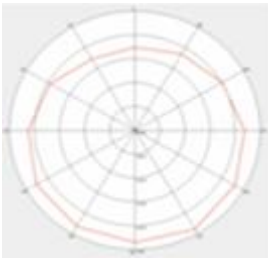
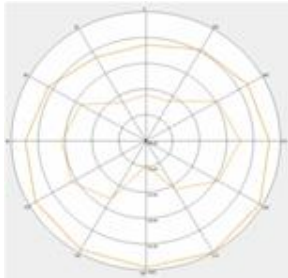
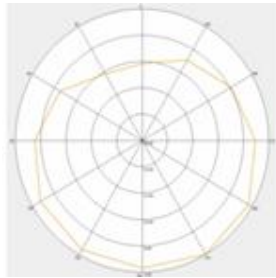
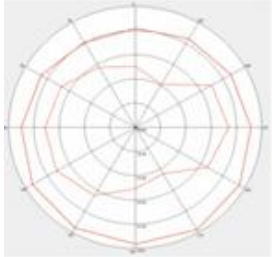
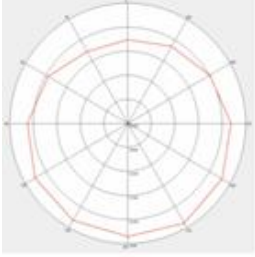
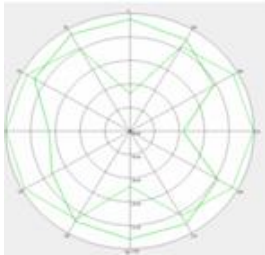
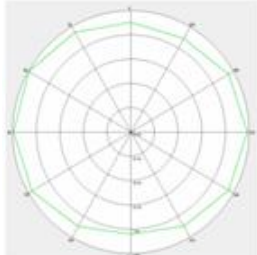
Radiated pattern diagram

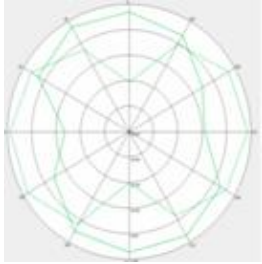
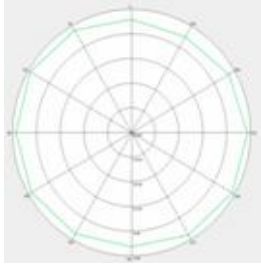
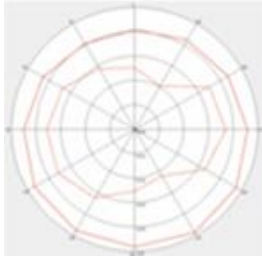
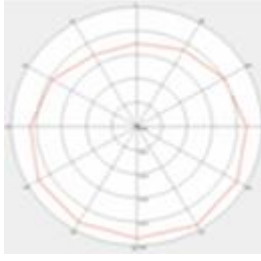
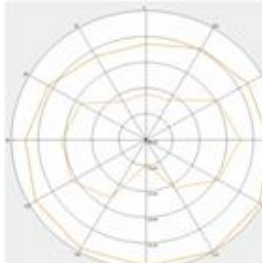
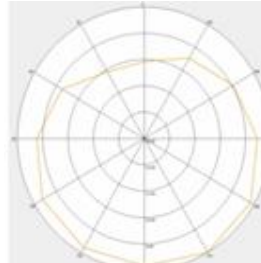
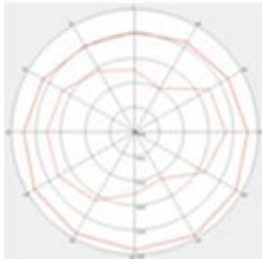
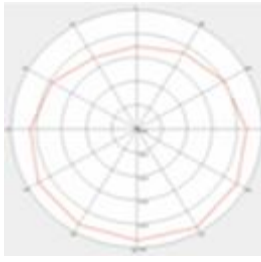
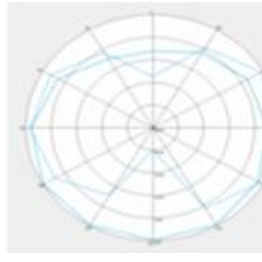
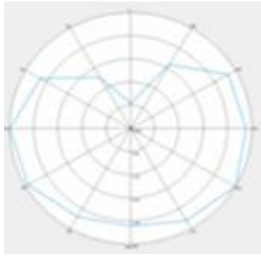
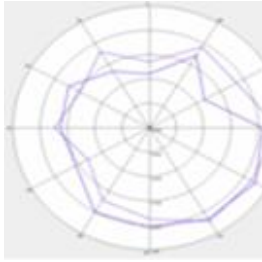
Antenna	PIFA Antenna (Main antenna)		
Band	Radiated pattern diagram		Gain data (dBi)
	H\V	H+V	
LTE B19 (834MHz) A3			-3.4
LTE B20 (831MHz) A3			-3.4
LTE B5 (840MHz) A3			-3.4
LTE B8 (910MHz) A3			-2.3
LTE B26 (831MHz) A3			-3.4

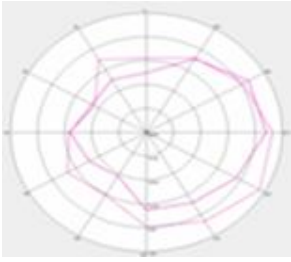
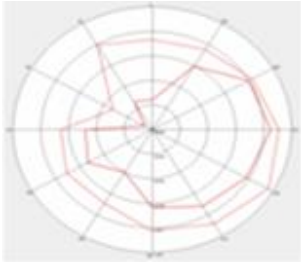
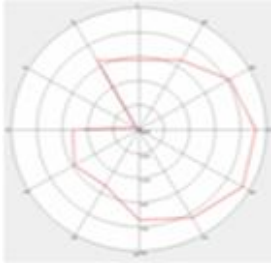
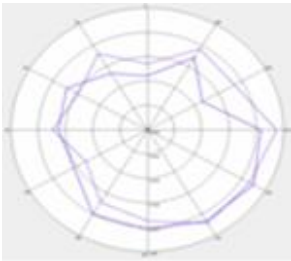
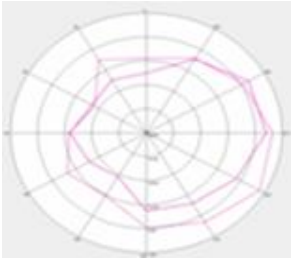
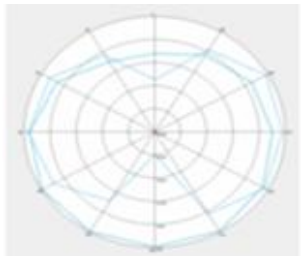
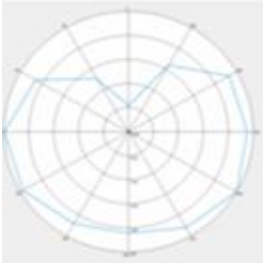
LTE B28 (720MHz) A3			-4.7
LTE B4 (1740MHz) A6			-1.5
LTE B2 (1850MHz) A6			-1.5
LTE B3 (1715MHz) A6			-1.5
LTE B18 (830MHz) A3			-3.4
LTE B19 (830MHz) A3			-3.4

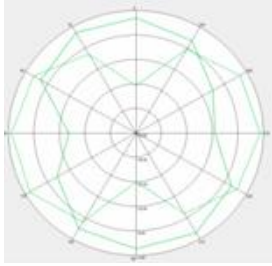
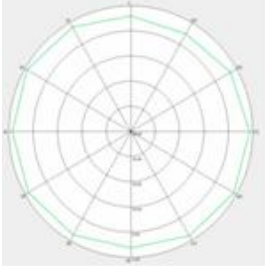
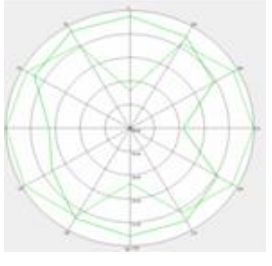
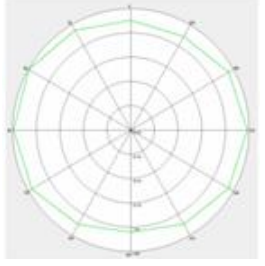
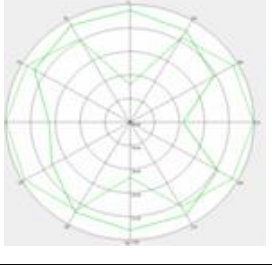
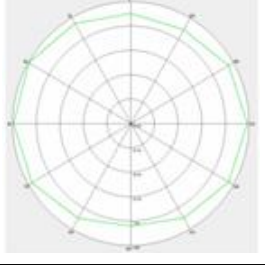
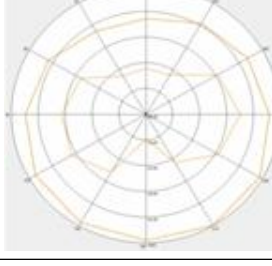
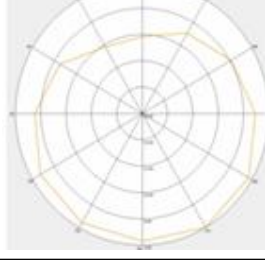
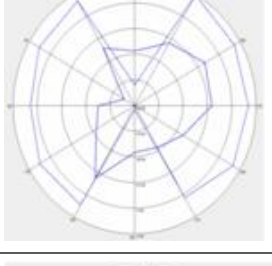
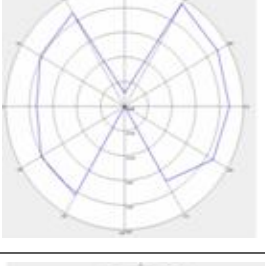
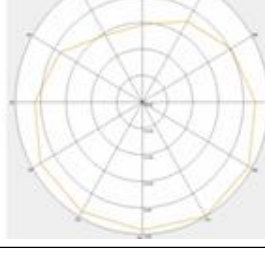
LTE B17 (710MHz) A3			-4.7
LTE B12 (710MHz) A3			-4.7
LTE B66 (1740MHz) A6			-1.5
LTE B7 (2500MHz) A6			-1.5
LTE B1 (1930MHz) A6			-1.3
LTE B38 (2600MHz) A6			-1.8

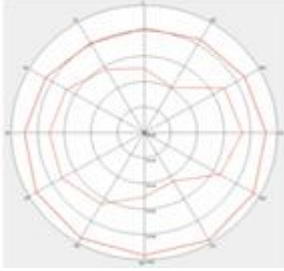
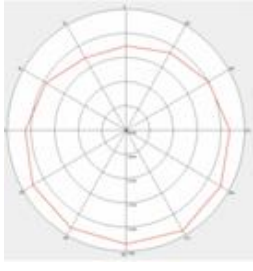
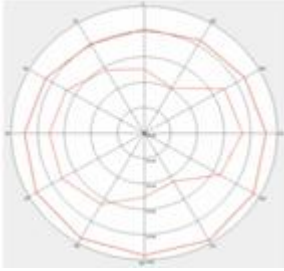
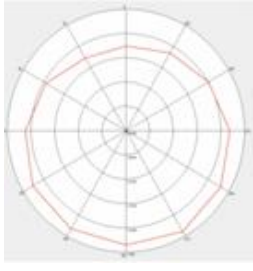
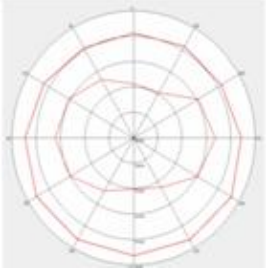
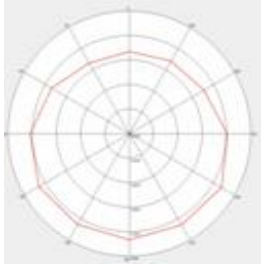
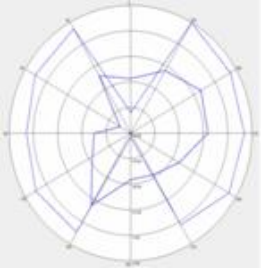
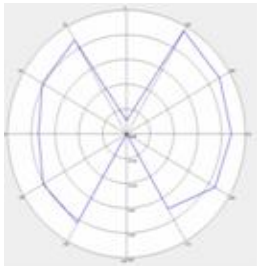
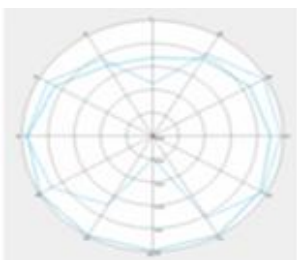
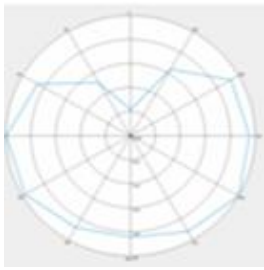
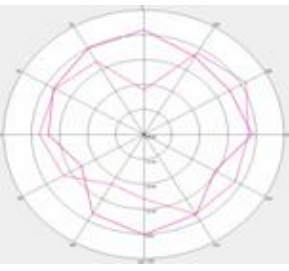
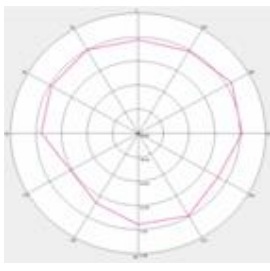
LTE B39 (1920MHz) A6			-1.5
LTE B40(2350MHz) A6			-1.6
LTE B41(2600MHz) A6			-1.5
LTE B34 (2010MHz) A6			-1.5
LTE B42(3500MHz) A7			-0.5
WCDMA B1 (1930MHz) A6			-1.3

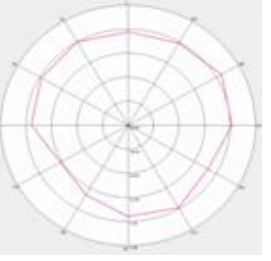
WCDMA B2 (1850MHz) A6			-1.5
WCDMA B4 (1740MHz) A6			-1.5
WCDMA B5 (835MHz) A3			-3.4
WCDMA B8 (910MHz) A3			-2.3
WCDMA B6 (830MHz) A3			-3.4
GSM B3 (1715MHz) A6			-1.5

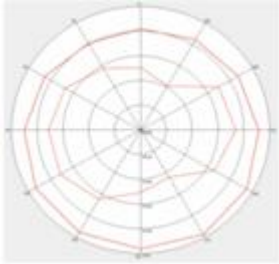
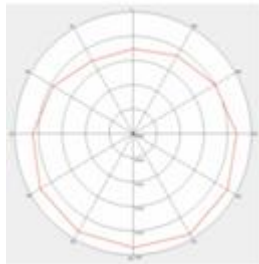
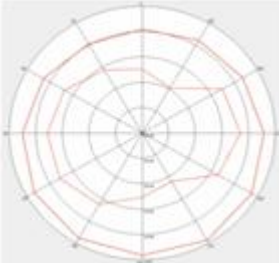
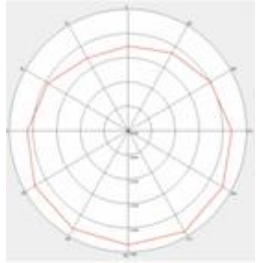
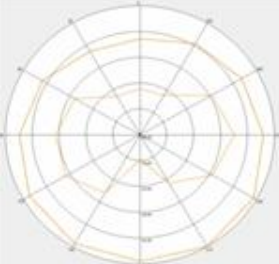
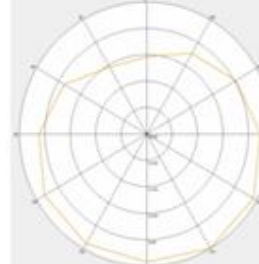
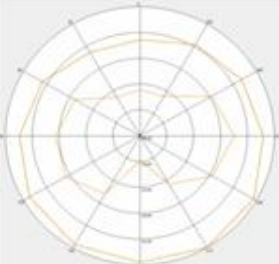
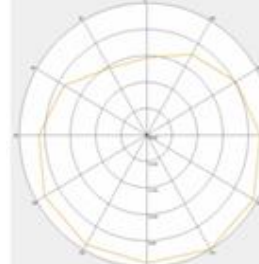
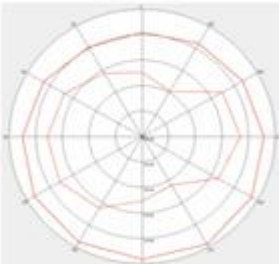
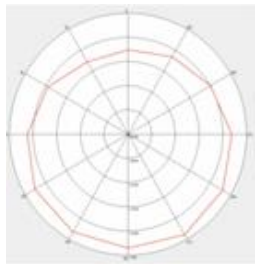
GSM B2 (1850MHz) A6			-1.5
GSM B5 (835MHz) A3			-3.4
GSM B8 (910MHz) A3			-2.3
CDMA BC0 (835MHz) A3			-3.4
WIFI 2.4G 11g (2420MHz) CH0 A1			-2.2
WIFI 5G 11a (5150MHz) CH0 A1			-0.9

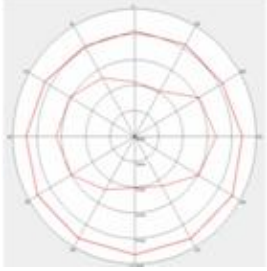
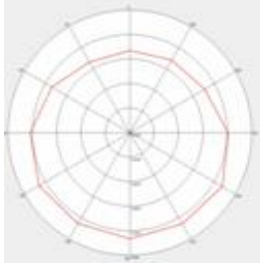
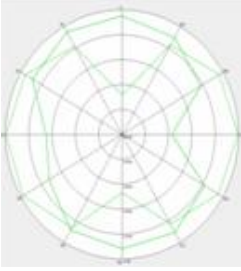
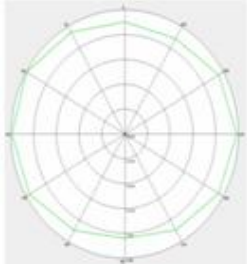
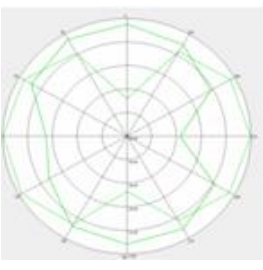
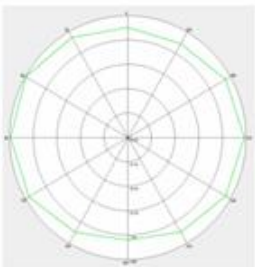
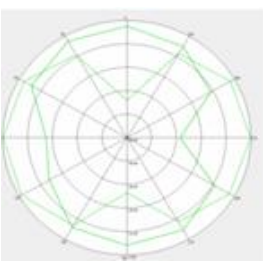
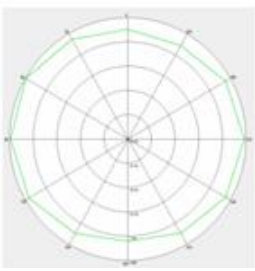
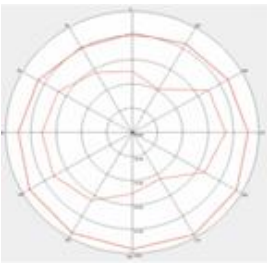
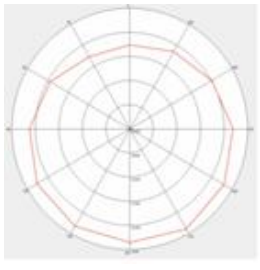
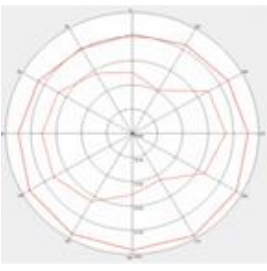
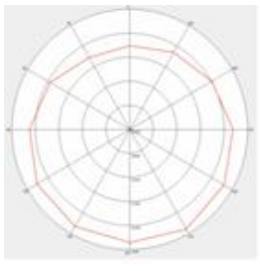
WIFI 5G 11a (5500MHz) CH0 A1			-0.5
WIFI 5G 11a (5850MHz) CH0 A1			-0.29
WIFI 6G (5935MHz) CH0 A1			-2.2
WIFI 6G (6435MHz) CH0 A1			-3.5
WIFI 6G (6535MHz) CH0 A1			-3.5
BT(2425MHz) A1			-2.2

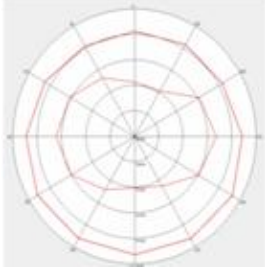
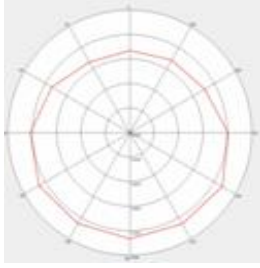
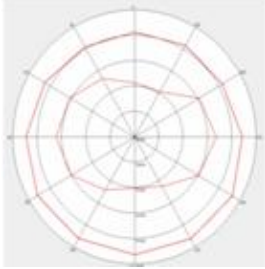
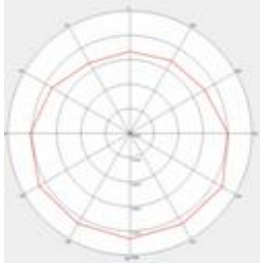
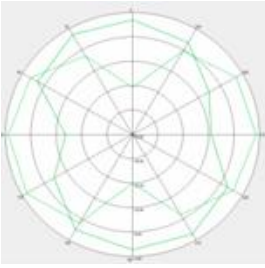
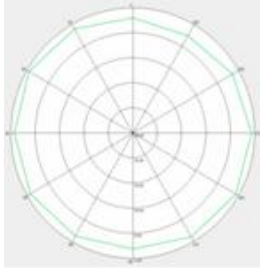
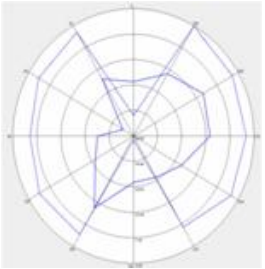
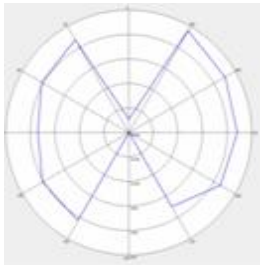
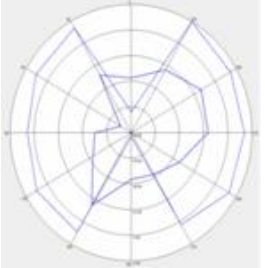
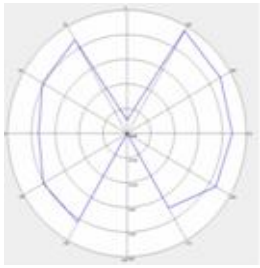
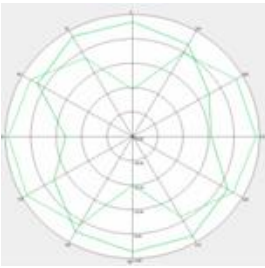
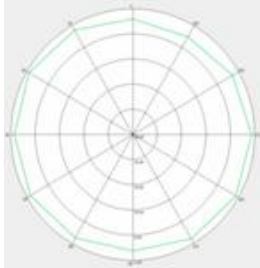
N1(1930MHz) A6			-1.3
N2 (1850MHz) A6			-1.5
N3(1715MHz) A6			-1.5
N5 (840MHz) A3			-3.4
N7(2500MHz) A6			-1.5
N8 (910MHz) A3			-2.3

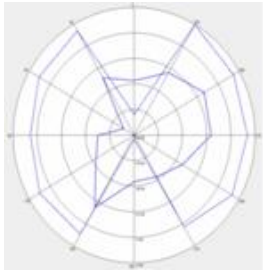
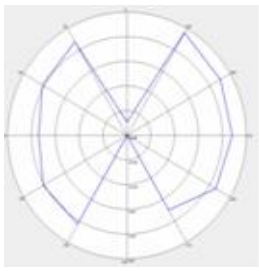
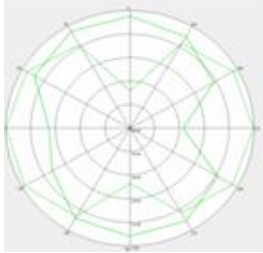
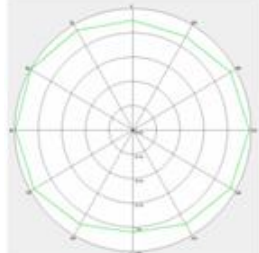
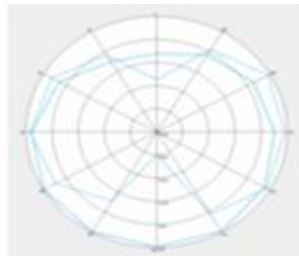
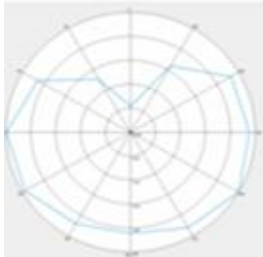
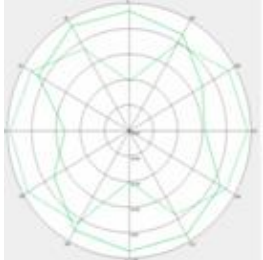
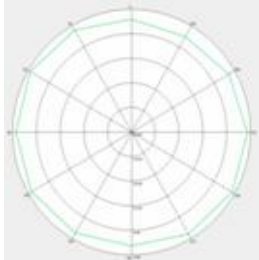
N20 (831MHz) A3			-3.4
N26 (814MHz) A3			-3.4
N28(720MHz) A3			-4.7
N38 (2600MHz) A6			-1.8
N40(2350MHz) A6			-1.6
N66(1750MHz) A6			-1.5

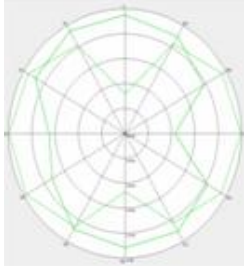
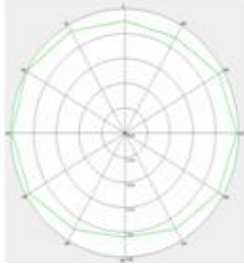
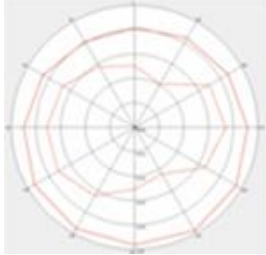
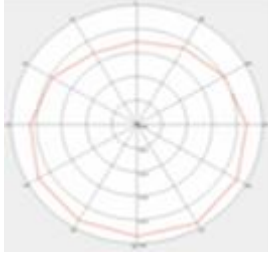
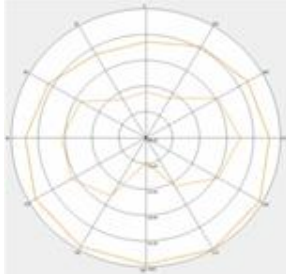
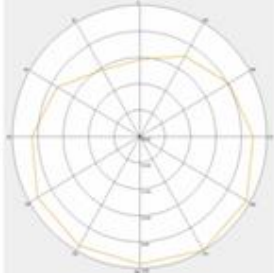
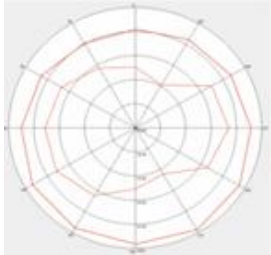
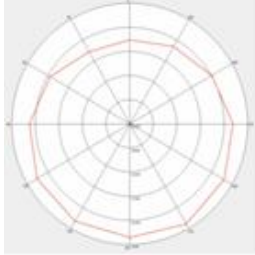
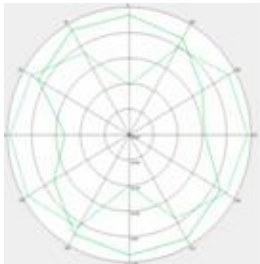
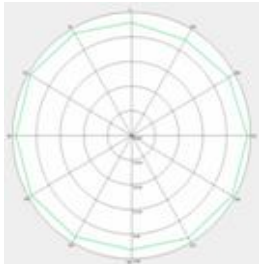
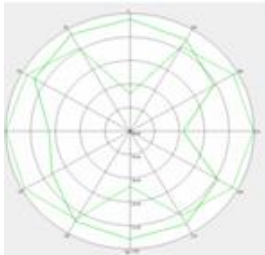
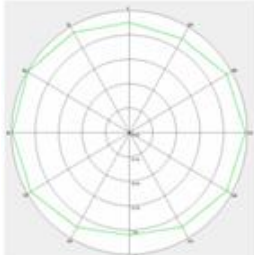
N41(2600MHz) A7			-1
N77(4100MHz) A7			-0.5
N78(3800MHz) A7			-0.5

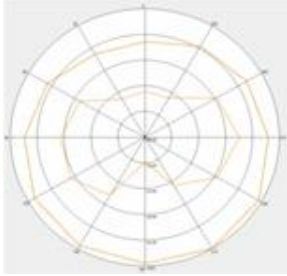
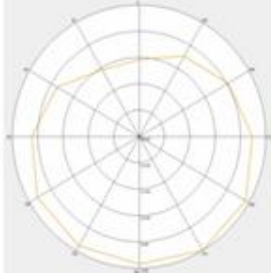
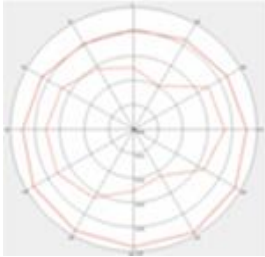
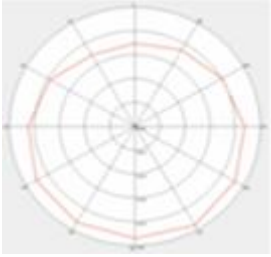
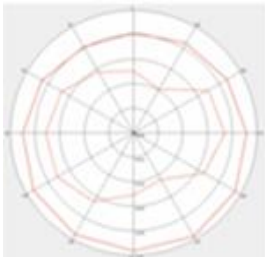
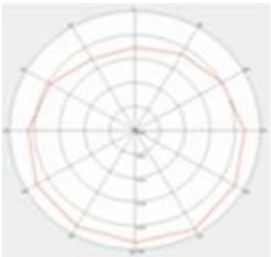
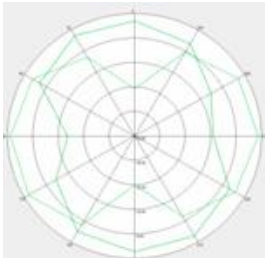
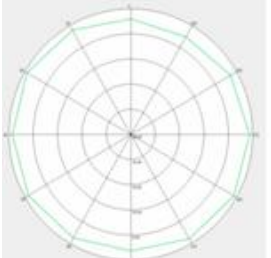
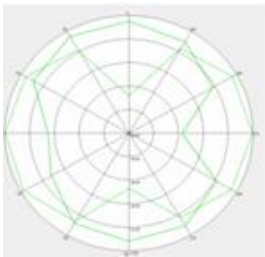
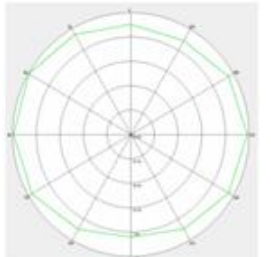
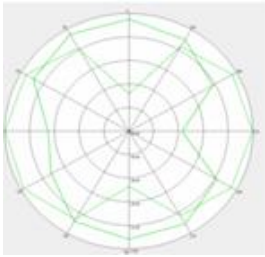
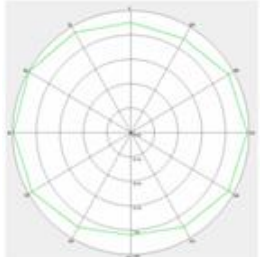
Antenna	PIFA Antenna (Diversity antenna)		
Band	Radiated pattern diagram		Gain data (dBi)
	H\V	H+V	
LTE B19 (834MHz) A4			-4.5
LTE B20 (831MHz) A4			-4.5
LTE B5 (840MHz) A4			-4.5
LTE B8 (910MHz) A4			-5
LTE B26 (831MHz) A4			-4.5

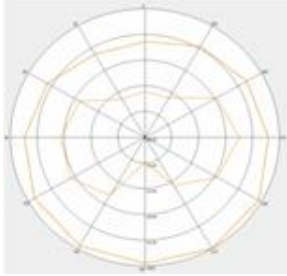
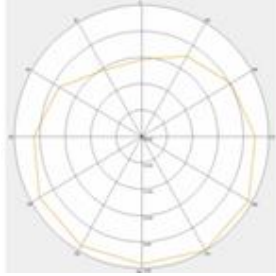
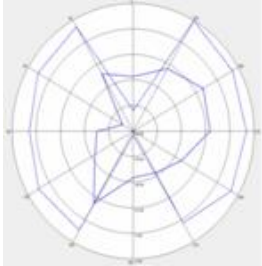
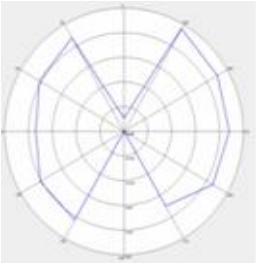
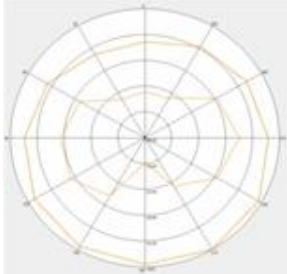
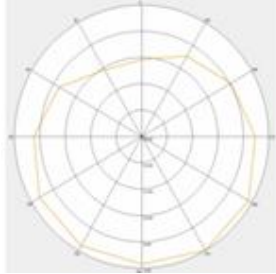
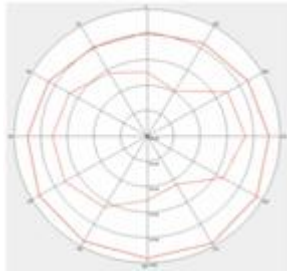
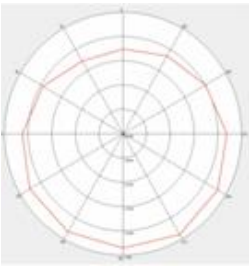
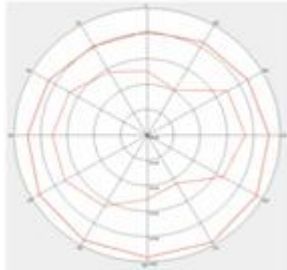
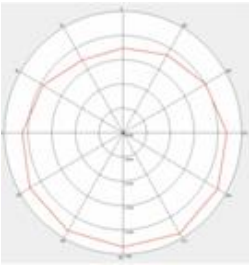
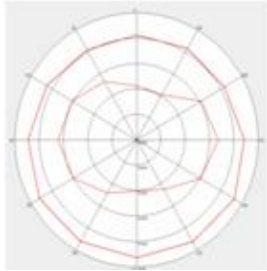
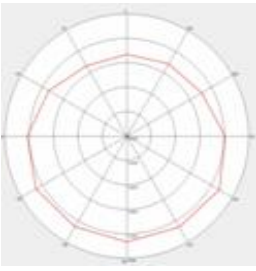
LTE B28 (720MHz) A4			-4.9
LTE B4 (1740MHz) A5			-3
LTE B2 (1850MHz) A5			-3
LTE B3 (1715MHz) A5			-3
LTE B18 (830MHz) A4			-4.5
LTE B19 (830MHz) A4			-4.5

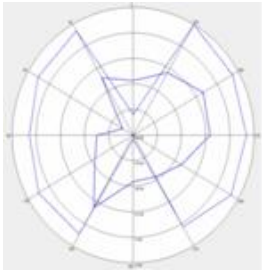
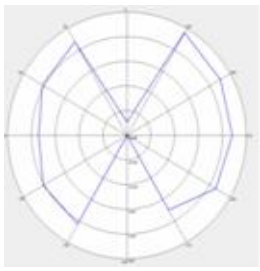
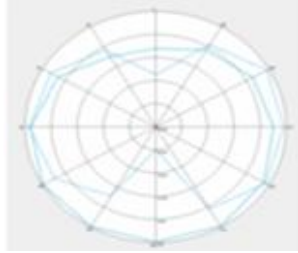
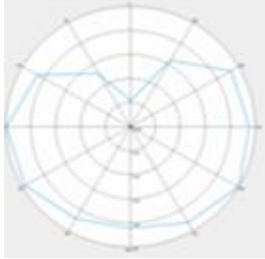
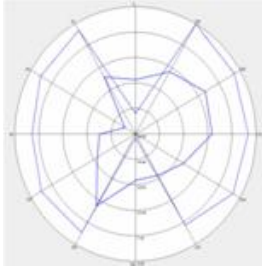
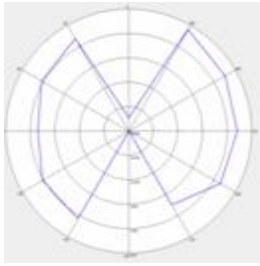
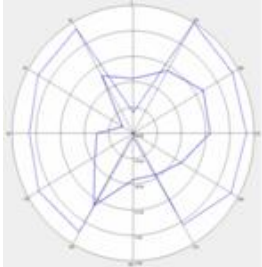
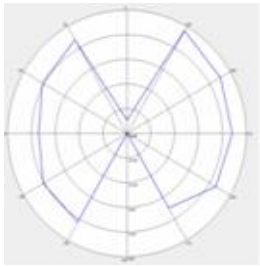
LTE B17 (710MHz) A4			-4.9
LTE B12 (710MHz) A4			-4.9
LTE B34 (2000MHz) A5			-2.1
LTE B66 (1740MHz) A5			-3
LTE B7 (2500MHz) A5			-2.2
LTE B1 (1930MHz) A5			-2.1

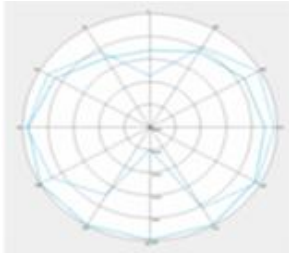
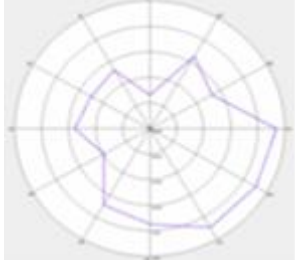
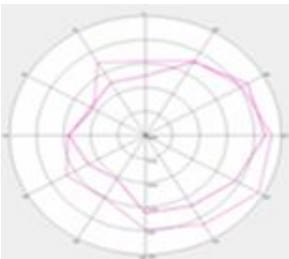
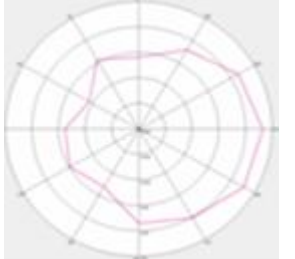
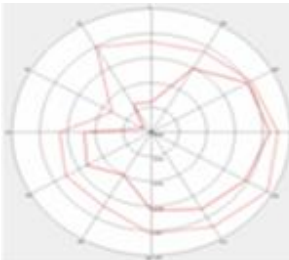
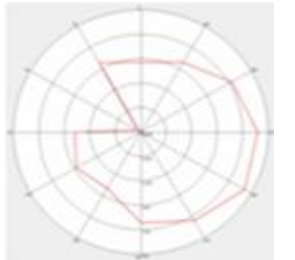
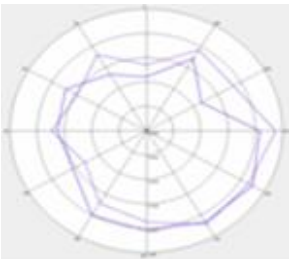
LTE B38 (2600MHz) A5			-2.2
LTE B39 (1920MHz) A5			-2.1
LTE B40(2350MHz) A5			-2.2
LTE B41(2600MHz) A5			-2.2
LTE B42(3500MHz) A4			-1
WCDMA B2 (1850MHz) A5			-2.1

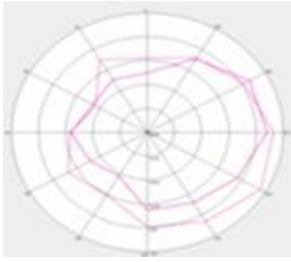
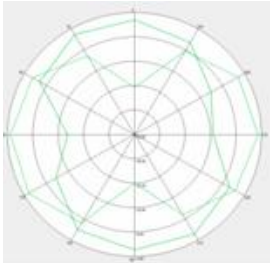
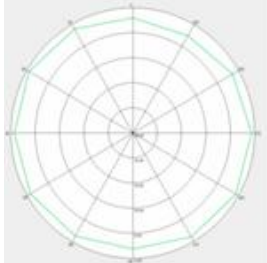
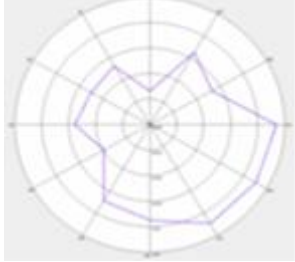
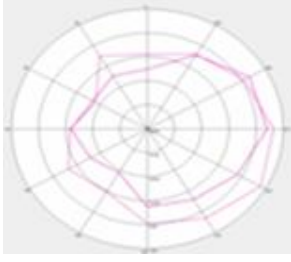
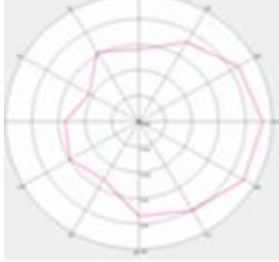
WCDMA B4 (1740MHz) A5			-3
WCDMA B5 (835MHz) A4			-4.5
WCDMA B8 (910MHz) A4			-5
WCDMA B6 (830MHz) A4			-4.5
GSM B2 (1850MHz) A5			-2.1
GSM B3 (1715MHz) A5			-3

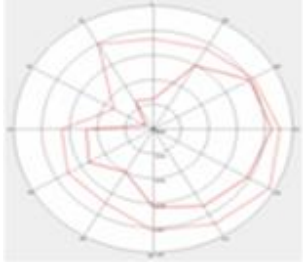
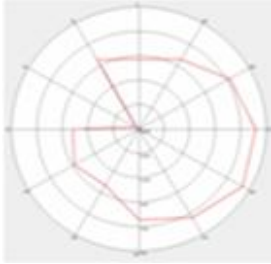
GSM B8 (910MHz) A4			-5
GSM B5 (835MHz) A4			-4.5
CDMA BC0 (835MHz) A4			-4.5
N1 (1930MHz) A5			-2.1
N2 (1850MHz) A5			-3
N3 (1715MHz) A5			-3

N5 (840MHz) A4			-4.5
N7 (2500MHz) A5			-2.2
N8 (910MHz) A4			-5
N20 (831MHz) A4			-4.5
N26 (831MHz) A4			-4.5
N28 (720MHz) A4			-4.9

N38 (2600MHz) A5			-2.2
N40 (2350MHz) A5			-2.2
N66 (1740MHz) A5			-3
N41(2600MHz) A5			-1.3
N78(3800MHz) A4			-1.0
N77(4100MHz) A4			-1.8

WIFI 2.4G 11g (2420MHz) CH1 A2			-1.15
WIFI 5G 11a (5150MHz) CH1 A2			-2.2
WIFI 5G 11a (5500MHz) CH1 A2			-1
WIFI 5G 11a (5850MHz) CH1 A2			0.4
WIFI 6G (5935MHz) CH1 A2			-2.3
WIFI 6G (6435MHz) CH1 A2			-4.7

WIFI 6G (6535MHz) CH1 A2			-4.7
N41(2600MHz) PRX MIMO A8			-0.8
N77(4100MHz) PRX MIMO A8			-2.2
N78(3800MHz) PRX MIMO A8			-1.9
N41(2600MHz) DRX MIMO A4			-2.7
N77(4100MHz) DRX MIMO A5			-2.8

N78(3800MHz) DRX MIMO A5			-3
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VSWR&Gain

Main antenna									
Freq(MHz)	703	824	960	1710	1990	2170	2500	2690	3500
VSWR	3.5	3	3.2	1.5	1.2	2.4	1.8	2.3	2
Gain(dBi)	-4.7	-3.4	-3.6	-1.5	-1.3	-2	-1.5	-2.0 7	-0.5
Diversity antenna									
Freq(MHz)	703	824	960	1710	1990	2170	2500	2690	3500
VSWR	6	3.4	3.8	2.1	1.8	2	1.5	1.9	3
Gain(dBi)	-4.9	-4.5	-5	-3	-2.1	-2.1	-2.2	-2.2	-1
WIFI CH0/BT antenna									
Freq(MHz)	2400	2500	5200	5500	5800	5935	6435	6535	
VSWR (MHz)	2.1	2.1	3	2.1	4	4.3	4.5	4.6	
Gain(dBi)	-2.2	-2.1	-0.9	-0.5	-0.2 9	-2.2	-3.5	-3.5	
WIFI CH1 antenna									
Freq(MHz)	2400	2500	5200	5500	5800	5935	6435	6535	
VSWR (MHz)	2.6	2.6	2.8	3	2.5	4.6	4.6	4.5	
Gain(dBi)	-1.1 5	-1	-2.2	-1	0.4	-2.3	-4.7	-4.8	

NR antenna PRX				
Freq(MHz)	2500	2700	3500	4200
VSWR (MHz)	2.4	2.6	2	2.8
Gain(dBi)	-0.5	-1	-0.5	-1.1
NR antenna DRX				
Freq(MHz)	2500	2700	3500	4200
VSWR (MHz)	2.5	2.7	2.7	-3.2
Gain(dBi)	-0.9	-1.3	-1.0	-1.8
NR antenna PRX MIMO				
Freq(MHz)	2500	2700	3500	4200
VSWR (MHz)	2.0	2.2	2.8	2.9
Gain(dBi)	-0.6	-0.8	-1.9	-2.2
NR antenna DRX MIMO				
Freq(MHz)	2500	2700	3500	4200
VSWR (MHz)	3.2	2.9	3	3.3
Gain(dBi)	-2.4	-2.7	-3	-2.8