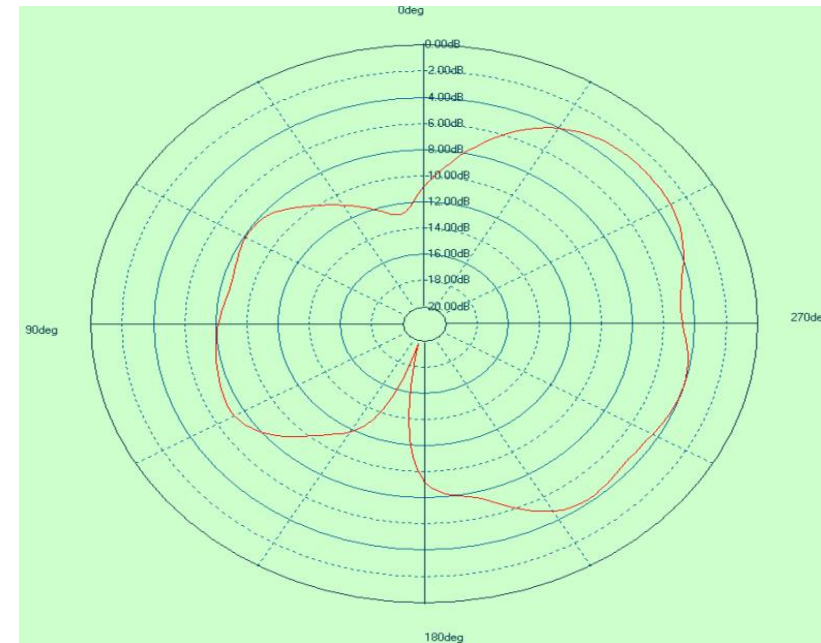
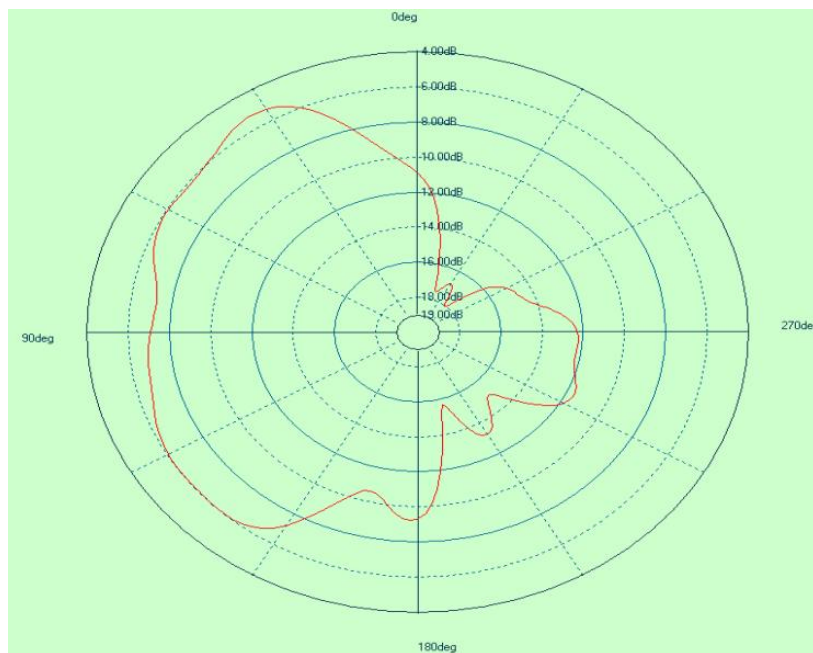
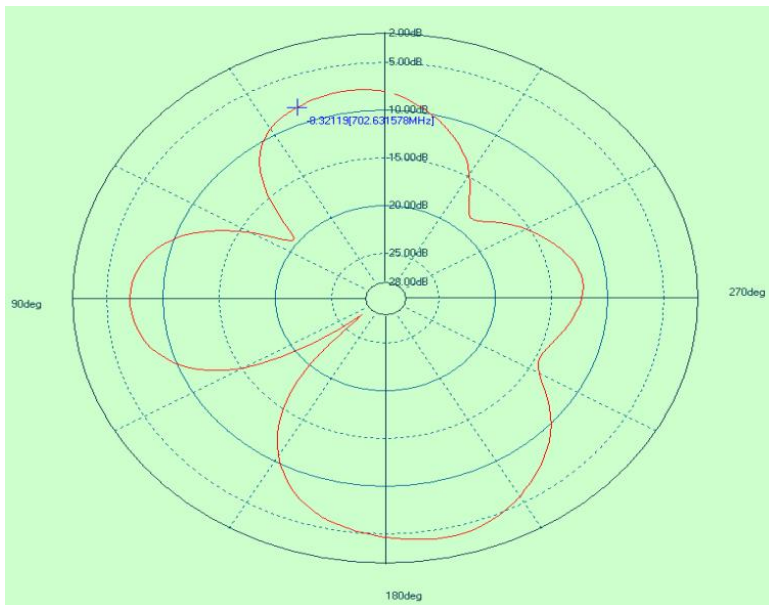
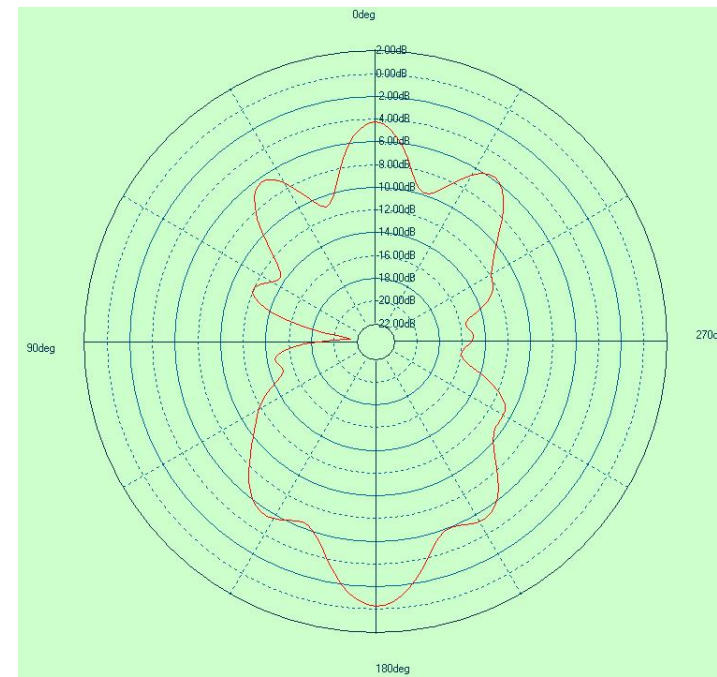
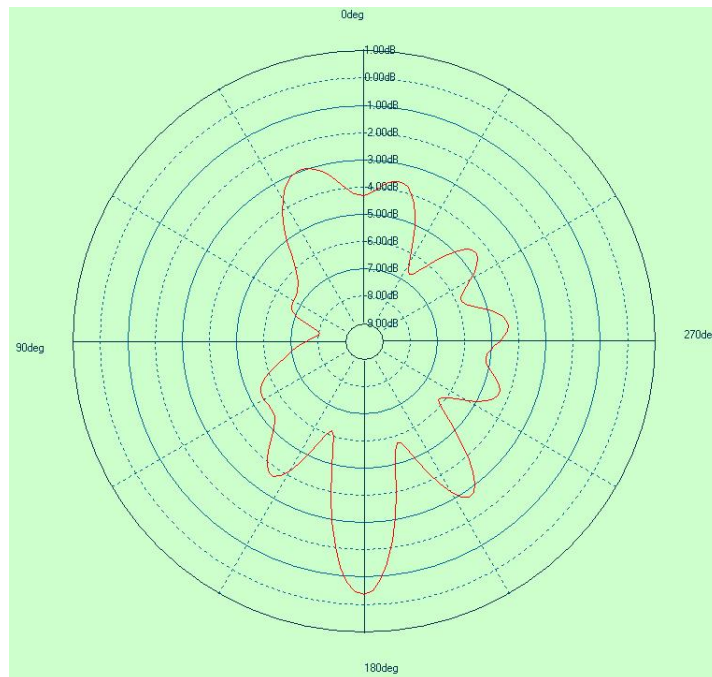
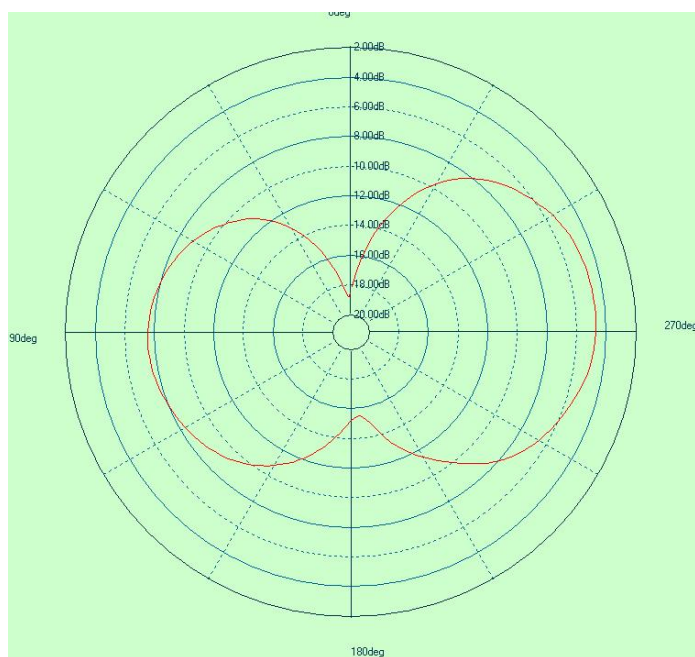


702Mhz Passive pattern Gain: -1.8 dbi



Measuring instrument : Agilent Technologies E5071B 300kHz-8.5GHz ENA Series Network Analyzer Darkroom system : MVG SG24LT (Satmio)

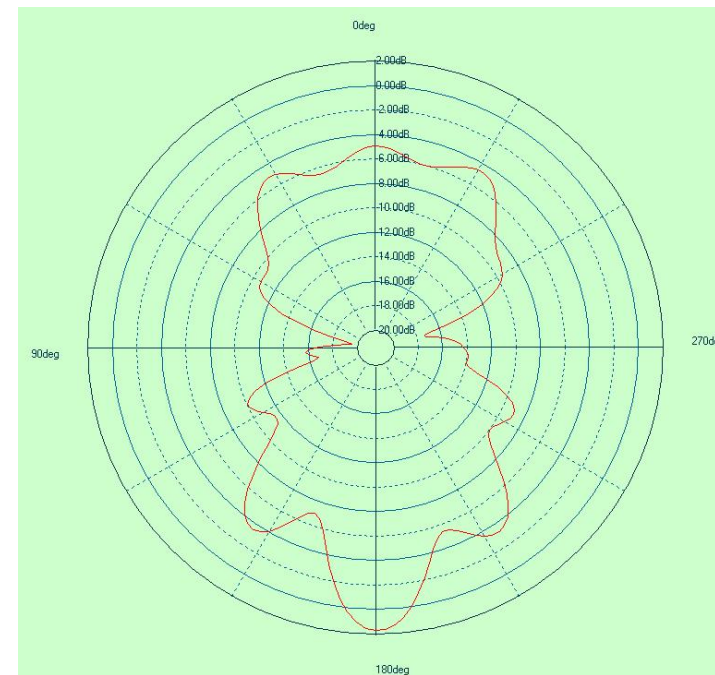
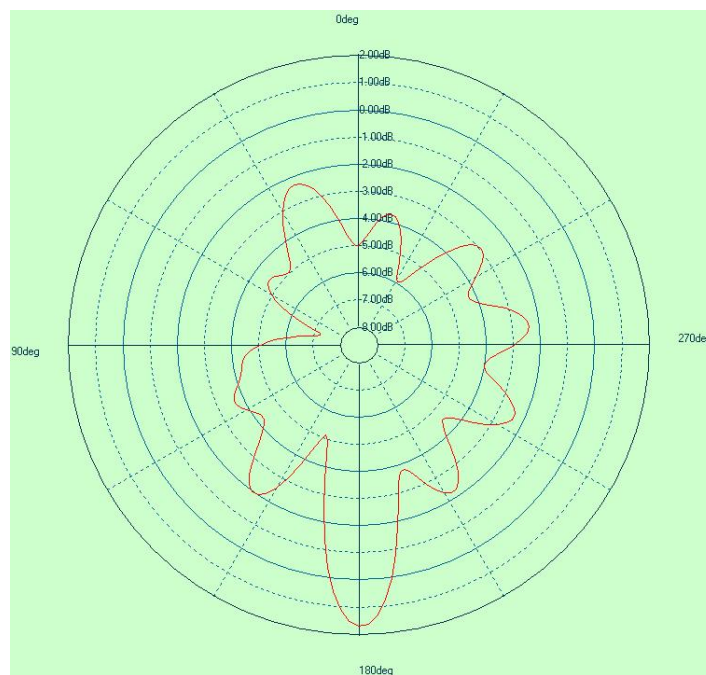
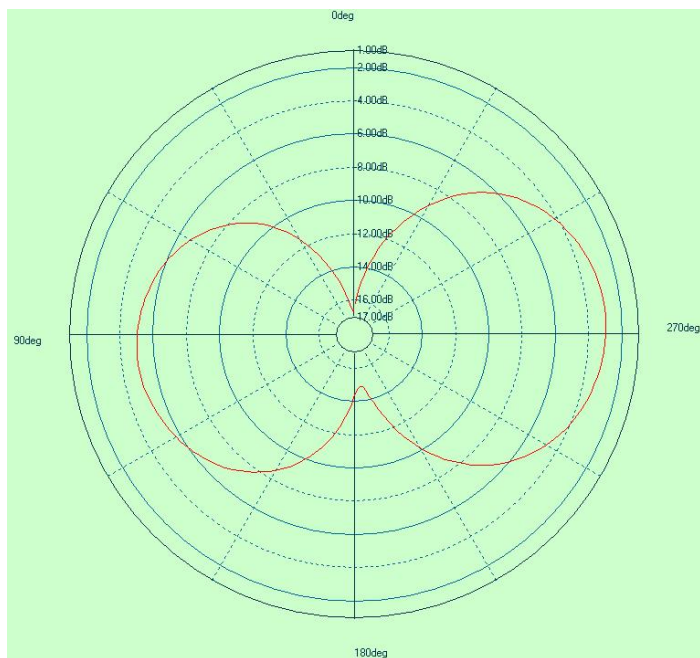
800Mhz Passive pattern Gain: -1.34 dbi



Measuring instrument : Agilent Technologies E5071B 300kHz-8.5GHz ENA Series Network Analyzer Darkroom system : MVG SG24LT (Satmio)

824Mhz Passive pattern

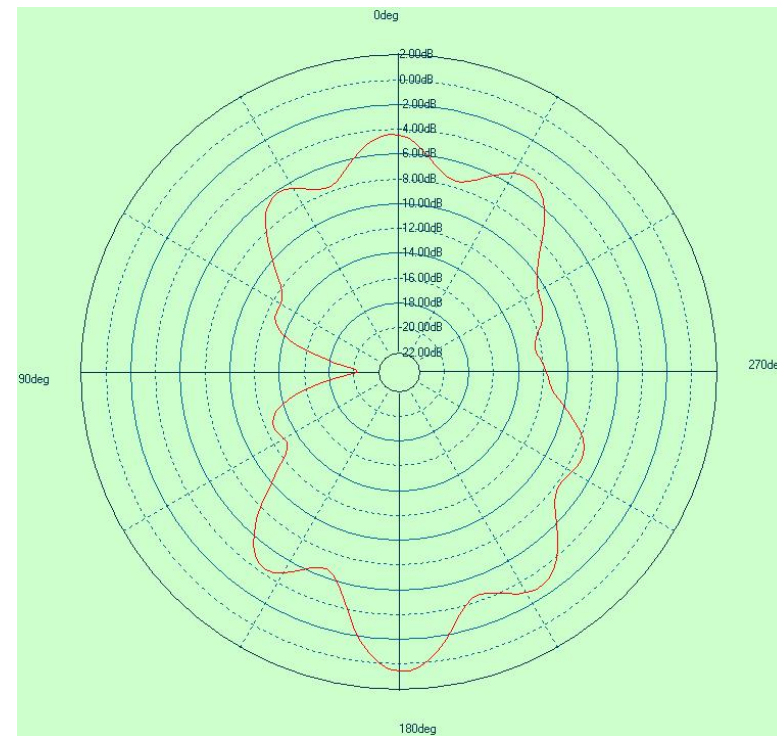
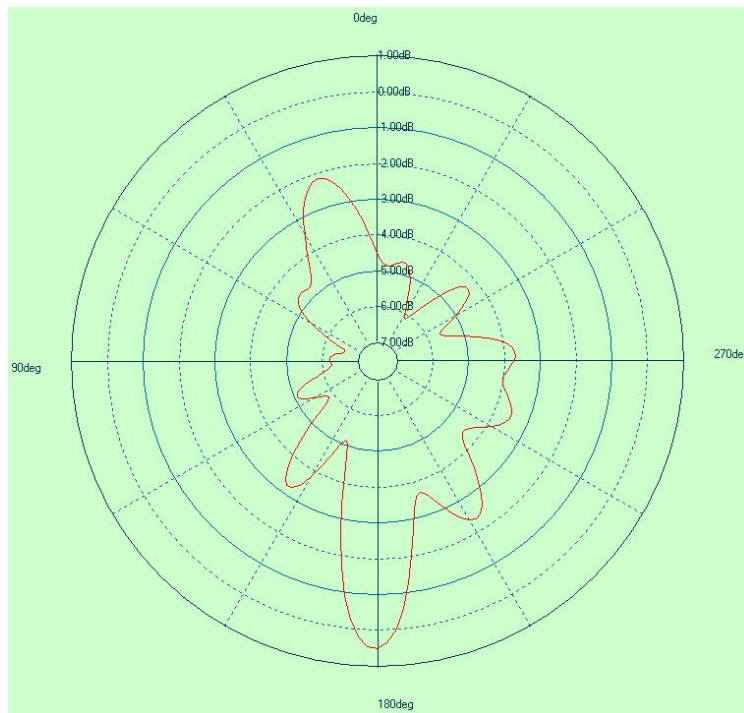
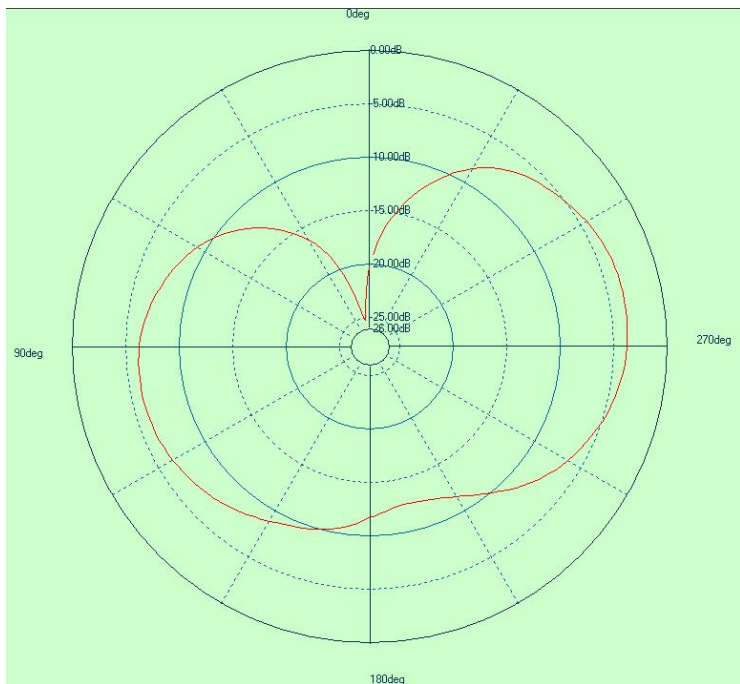
Gain: 1.24 dbi



Measuring instrument : Agilent Technologies E5071B 300kHz-8.5GHz ENA Series Network Analyzer Darkroom system : MVG SG24LT (Satmio)

880Mhz Passive pattern

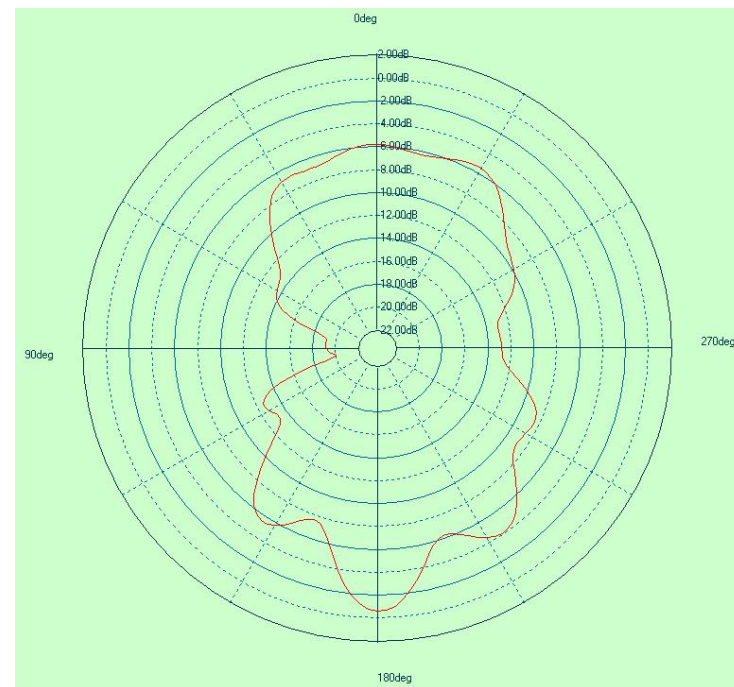
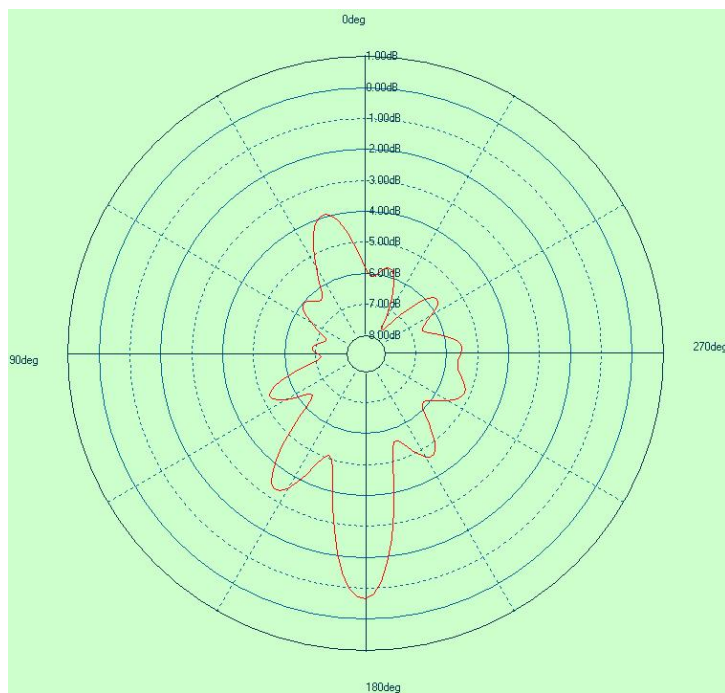
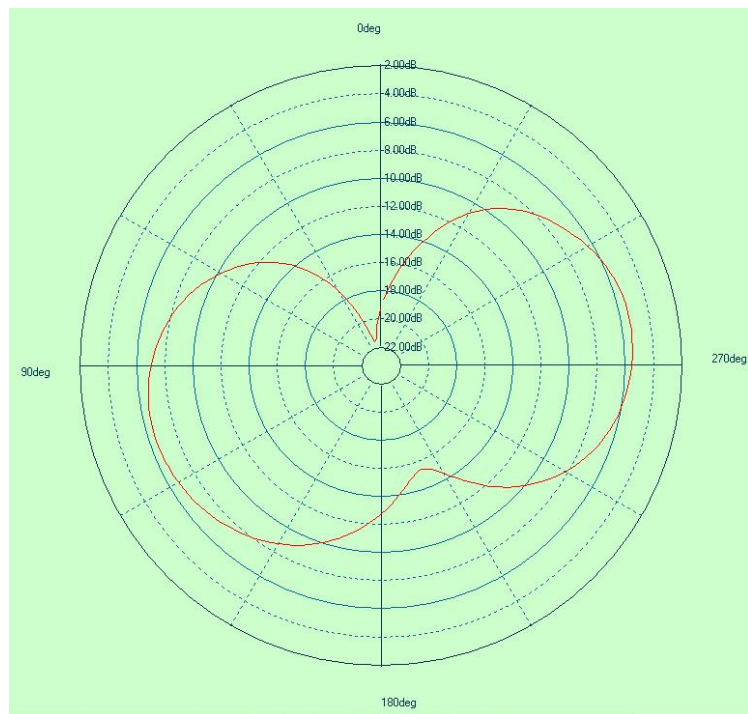
Gain: -1.97 dBi



Measuring instrument : Agilent Technologies E5071B 300kHz-8.5GHz ENA Series Network Analyzer Darkroom system : MVG SG24LT (Satmio)

960Mhz Passive pattern

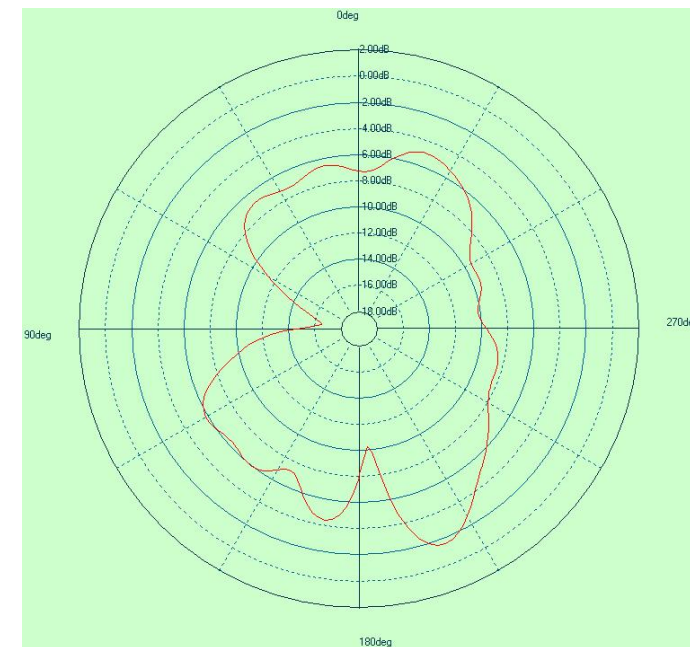
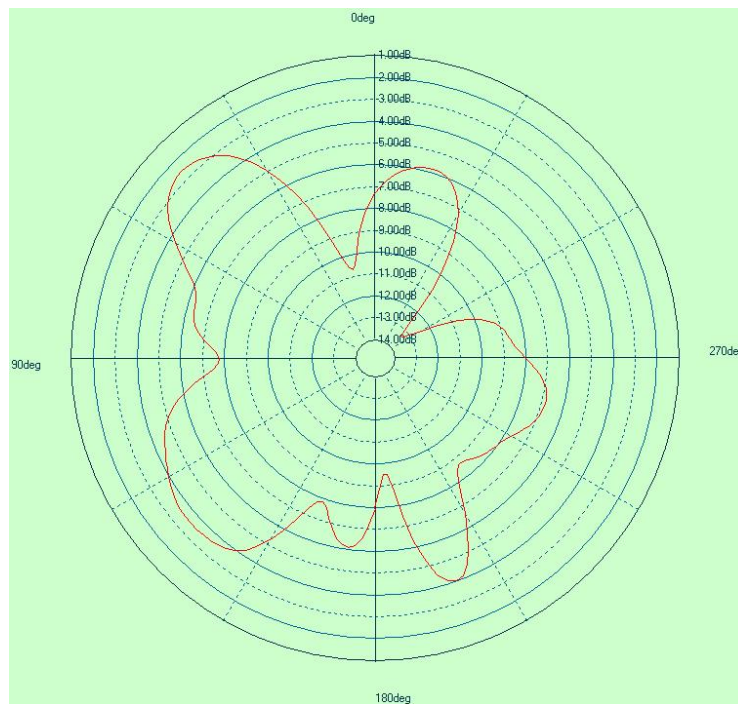
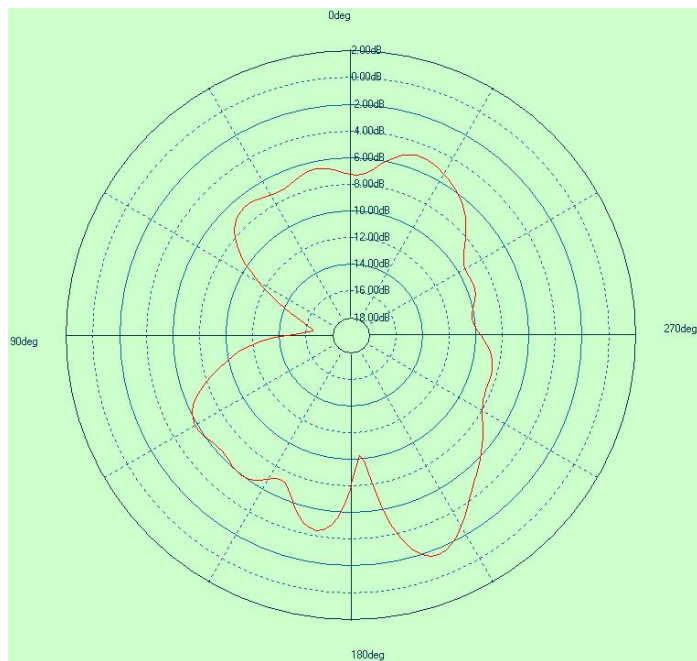
Gain: 0.04dbi



Measuring instrument : Agilent Technologies E5071B 300kHz-8.5GHz ENA Series Network Analyzer Darkroom system : MVG SG24LT (Satmio)

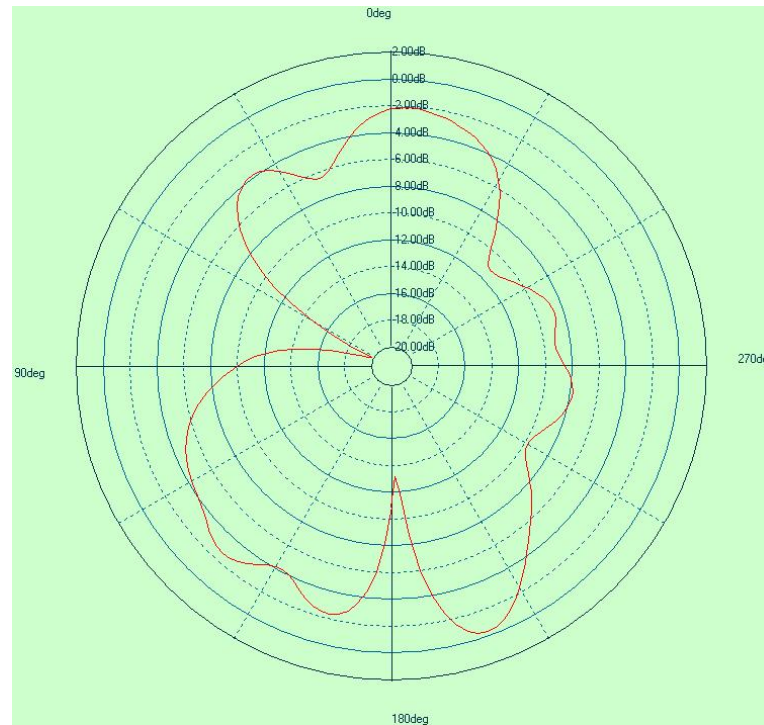
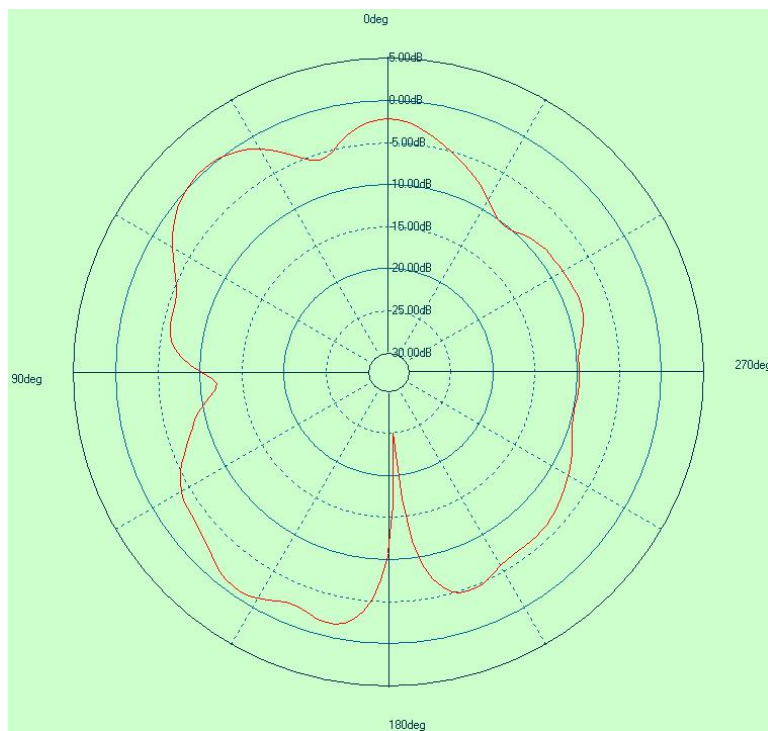
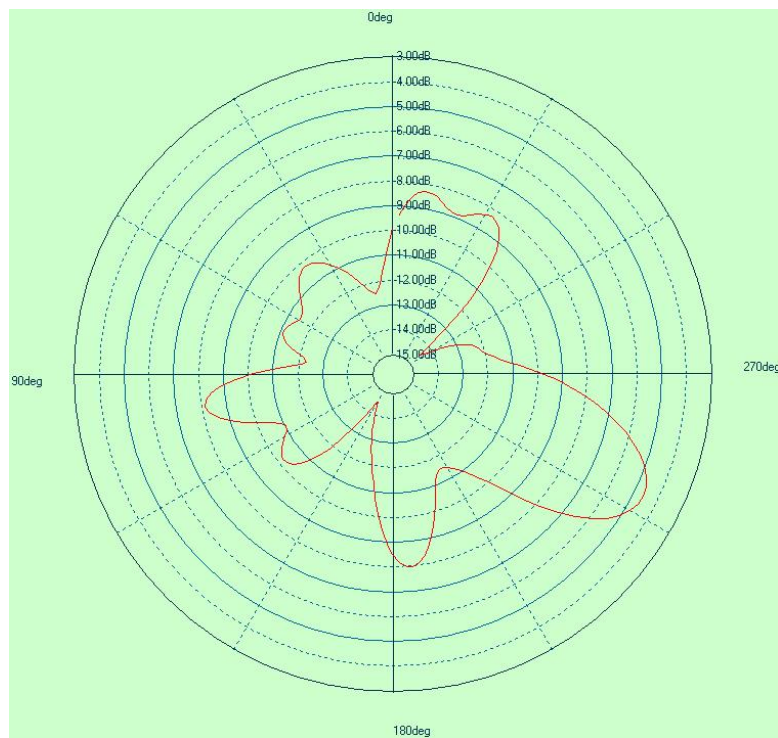
1800Mhz Passive pattern

Gain: 0.49 dbi



Measuring instrument : Agilent Technologies E5071B 300kHz-8.5GHz ENA Series Network Analyzer Darkroom system : MVG SG24LT (Satmio)

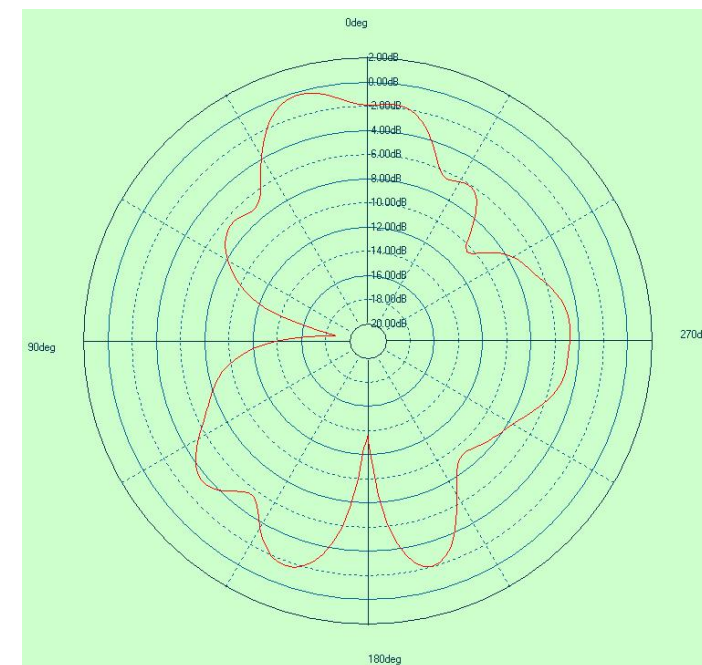
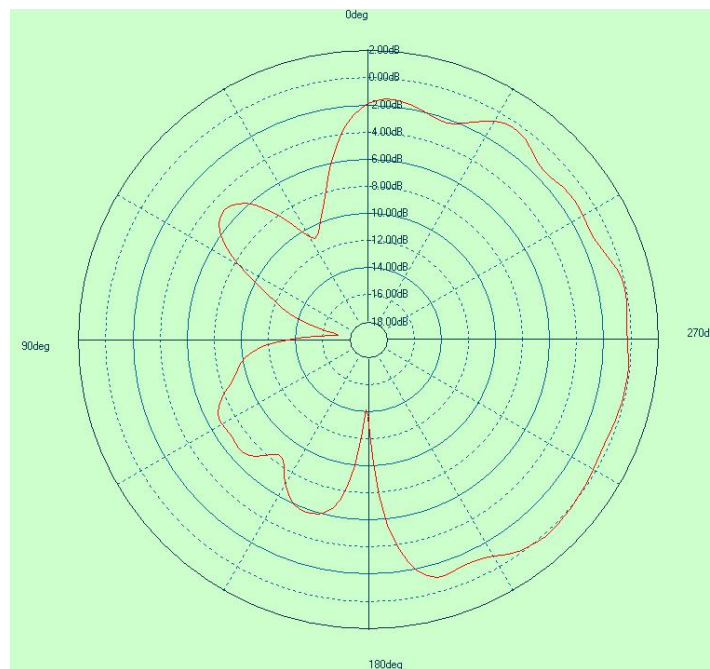
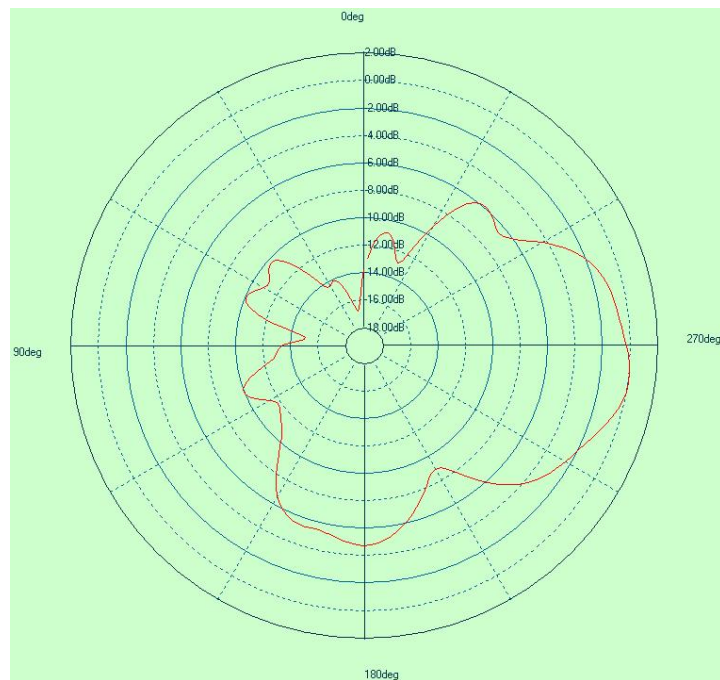
2100Mhz Passive pattern Gain: -1.44 dbi



Measuring instrument : Agilent Technologies E5071B 300kHz-8.5GHz ENA Series Network Analyzer Darkroom system : MVG SG24LT (Satmio)

2650Mhz Passive pattern

Gain: 2.89dbi



Measuring instrument : Agilent Technologies E5071B 300kHz-8.5GHz ENA Series Network Analyzer Darkroom system : MVG SG24LT (Satmio)

Communication Distance (Item 24#)

	测试距离
Type1	50mm
Type2	40mm
Type3	40mm
Type4	15mm
Type5	50mm

测试距离用的垫片



Active Report (24#)

Standard	BAND	GSM850			PCS1800		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	24.17	24.18	24.71	25.17	25.04	24.39
	TIS			-101.24			-101.89
	TIS (Bright)			-100.08			-100.17



Active Report (24#)

Standard	BAND	WCDMA-B1			WCDMA-B2		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	16.56	17.88	17.15	16.5	16.89	16.93
	TIS			-102.67			-103.24
	TIS (Bright)			-101.31			-101.17

Active Report (24#)

Standard	BAND	GSM900			DCS1900		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	24.73	25.3	25.77	24.51	24.34	24.37
	TIS			-101.39			-102.45
	TIS (Bright)			-100.16			-100.35

Active Report (24#)

Standard	BAND	WCDMA-B4			WCDMA-B5		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	15.34	15.68	15.34	15.34	15.45	15.34
	TIS			-103.15			-102.24
	TIS (Bright)			-101.54			-101.48

Active Report (24#)

Standard	BAND	WCDMA-B8		
	CHANNAL	Low	Medium	High
	TRP	15.61	15.18	15.67
	TIS			-101.94
	TIS (Bright)			-100.87

Active Report (24#)

Standard	BAND	LTE-B1			LTE-B2		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	17.33	17.44	17.47	16.82	16.71	17.34
	TIS			-90.44			-90.65
	TIS (Bright)			-90.35			-90.38
	TIS (Rear Camera)			-90.12			-90.34
	TIS (Front Camera)			-89.47			-89.57
	TIS (Speaker)			-90.29			-90.53
	TIS (Motor)			-88.31			-88.34

Active Report (24#)

Standard	BAND	LTE-B3			LTE-B4		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	16.32	16.27	16.25	16.79	16.31	16.76
	TIS			-91.9			-91.81
	TIS (Bright)			-91.54			-91.34
	TIS (Rear Camera)			-90.1			-90.21
	TIS (Front Camera)			-90.55			-90.64
	TIS (Speaker)			-90.48			-90.41
	TIS (Motor)			-89.36			-89.15

Active Report (24#)

Standard	BAND	LTE-B5			LTE-B7		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	15.87	15.67	15.42	17.38	17.78	17.4
	TIS			-91.41			-89.14
	TIS (Bright)			-90.12			-88.12
	TIS (Rear Camera)			-90.48			-88.31
	TIS (Front Camera)			-90.26			-88.54
	TIS (Speaker)			-89.91			-88.41
	TIS (Motor)			-88.56			-87.11

Active Report (24#)

Standard	BAND	LTE-B8			LTE-B12		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	15.67	15.82	16.63	15.13	15.54	15.02
	TIS			-91.5			-90.41
	TIS (Bright)			-90.41			-87.5
	TIS (Rear Camera)			-90.45			-87.22
	TIS (Front Camera)			-90.3			-88.17
	TIS (Speaker)			-90.42			-87.5
	TIS (Motor)			-88.15			-88.87

Active Report (24#)

Standard	BAND	LTE-B13			LTE-B17		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP			14.17	15.12	15.1	14.85
	TIS			-90.85			-90.45
	TIS (Bright)			-87.41			-89.42
	TIS (Rear Camera)			-87.45			-88.21
	TIS (Front Camera)			-88.3			-87.38
	TIS (Speaker)			-87.42			-87.79
	TIS (Motor)			-88.23			-88.35

Active Report (24#)

Standard	BAND	LTE-B18			LTE-B19		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	16.09	16.06	16.85	15.97	15.95	15.84
	TIS			-90.81			-90.76
	TIS (Bright)			-88.26			-88.35
	TIS (Rear Camera)			-88.48			-88.59
	TIS (Front Camera)			-87.15			-87.48
	TIS (Speaker)			-88.37			-88.35
	TIS (Motor)			-88.24			-88.37

Active Report (24#)

Standard	BAND	LTE-B20			LTE-B26		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	16.04	15.81	15.84	15.98	16.08	15.74
	TIS			-90.1			-90.76
	TIS (Bright)			-88.15			-88.35
	TIS (Rear Camera)			-88.15			-87.81
	TIS (Front Camera)			-87.98			-88.35
	TIS (Speaker)			-88.12			-88.46
	TIS (Motor)			-88.67			-88.35

Active Report (24#)

Standard	BAND	LTE-B28			LTE-B38		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	15.49	14.68	15.05	17.31	17.9	17.05
	TIS			-90.34			-90.01
	TIS (Bright)			-88.12			-88.45
	TIS (Rear Camera)			-88.01			-88.34
	TIS (Front Camera)			-88.14			-88.64
	TIS (Speaker)			-88.11			-88.12
	TIS (Motor)			-88.14			-87.84

Active Report (24#)

Standard	BAND	LTE-B40			LTE-B41		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	17.18	17.03	17.15	18.88	18.07	17.79
	TIS			-90.51			-89.17
	TIS (Bright)			-88.34			-87.45
	TIS (Rear Camera)			-88.46			-86.98
	TIS (Front Camera)			-88.45			-87.21
	TIS (Speaker)			-88.15			-86.03
	TIS (Motor)			-88.43			-87.17

Active Report (24#)

Standard	BAND	LTE-B66		
	CHANNAL	Low	Medium	High
	TRP	15.56	15.68	15.5
	TIS			-90.45
	TIS (Bright)			-89.45
	TIS (Rear Camera)			-89.15
	TIS (Front Camera)			-89.37
	TIS (Speaker)			-89.88
	TIS (Motor)			-87.64

Active Report (24#)

Standard	BAND	WIFI-B			WIFI-G		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	12.82	12.19	12.91	10.45	10.12	10.41
	TIS			-81.24			-69.25
	TIS (Bright)			-81.12			-69.14
	TIS (Rear Camera)			-80.35			-67.88
	TIS (Front Camera)			-80.62			-68.26
	TIS (Speaker)			-80.48			-68.15
	TIS (Motor)			-79.61			-67.89



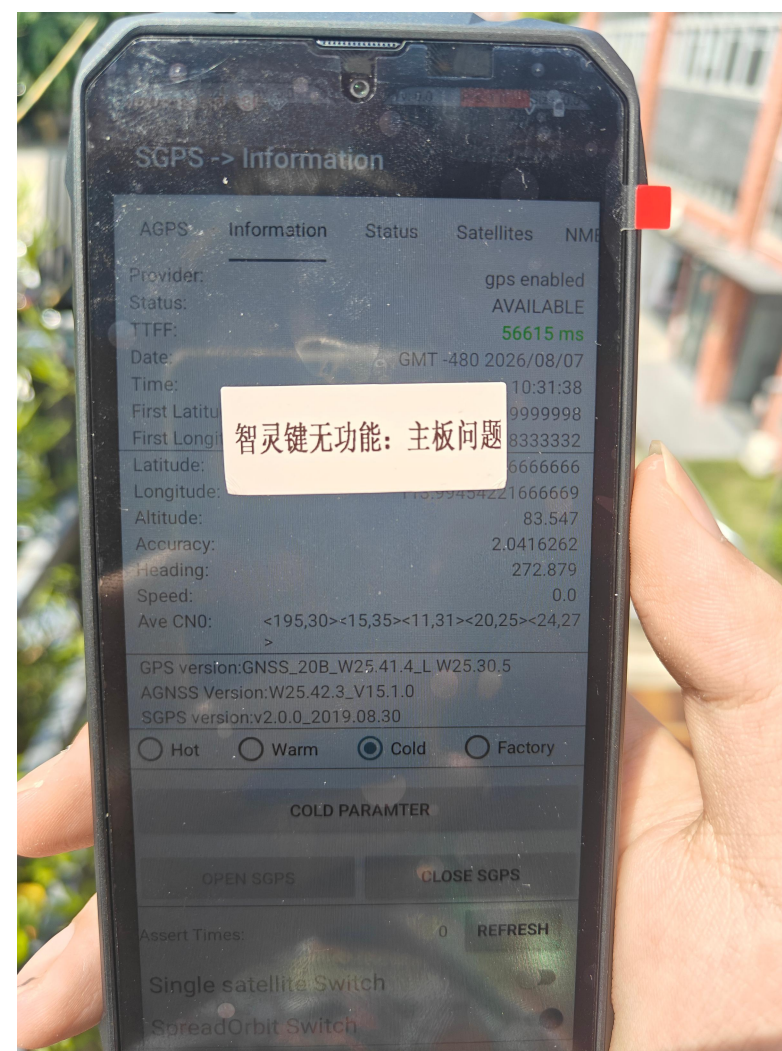
Active Report (24#)

Standard	BAND	WIFI-N			WIFI-A		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	10.13	10.45	10.87	12.67	10.81	11.53
	TIS			-64.1			-71.41
	TIS (Bright)			-63.78			-71.08
	TIS (Rear Camera)			-62.23			-70.23
	TIS (Front Camera)			-62.51			-70.88
	TIS (Speaker)			-62.45			-70.15
	TIS (Motor)			-62.08			-70.31

Active Report (24#)

Standard	BAND	WIFI-AC		
	CHANNAL	Low	Medium	High
	TRP	11.61	11.32	11.3
	TIS			-64.25
	TIS (Bright)			-64.27
	TIS (Rear Camera)			-63.15
	TIS (Front Camera)			-63.77
	TIS (Speaker)			-63.48
	TIS (Motor)			-62.99

Active Report (24#)



Communication Distance (98#)

	Test Distance
Type1	45mm
Type2	40mm
Type3	40mm
Type4	15mm
Type5	50mm

Gaskets used for test distance



Active Report (98#)

Standard	BAND	GSM850			PCS1800		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	24.31	24.23	24.91	25.77	25.54	24.69
	TIS			-101.78			-101.88
	TIS (Bright)			-100.15			-100.56

Active Report (98#)

Standard	BAND	GSM900			DCS1900		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	24.83	25.4	25.61	24.74	25.41	25.84
	TIS			-101.36			-102.97
	TIS (Bright)			-100.21			-100.18



Active Report (98#)

Standard	BAND	WCDMA-B4			WCDMA-B5		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	15.52	15.68	15.94	15.45	15.42	15.31
	TIS			-103.38			-102.49
	TIS (Bright)			-101.64			-101.31



Active Report (98#)

Standard	BAND	WCDMA-B8		
	CHANNAL	Low	Medium	High
	TRP	15.56	15.12	15.89
	TIS			-102.22
	TIS (Bright)			-100.56

Active Report (98#)

Standard	BAND	WCDMA-B1			WCDMA-B2		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	17.78	18.24	18.56	16.7	17.07	17.36
	TIS			-102.97			-103.91
	TIS (Bright)			-101.45			-101.35

Active Report (98#)

Standard	BAND	LTE-B1			LTE-B2		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	17.78	17.84	17.54	16.82	16.71	17.34
	TIS			-91.56			-92.45
	TIS (Bright)			-91.31			-92.26
	TIS (Rear Camera)			-91.2			-92.44
	TIS (Front Camera)			-90.35			-91.16
	TIS (Speaker)			-90.45			-91.26
	TIS (Motor)			-89.31			-89.21

Active Report (98#)

Standard	BAND	LTE-B3			LTE-B4		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	16.91	16.75	16.62	16.79	16.31	16.76
	TIS			-91.6			-91.81
	TIS (Bright)			-91.31			-91.34
	TIS (Rear Camera)			-90.6			-90.21
	TIS (Front Camera)			-90.15			-90.64
	TIS (Speaker)			-90.48			-90.41
	TIS (Motor)			-88.86			-88.35



Active Report (98#)

标准	BAND	LTE-B5			LTE-B7		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	16.12	16.1	15.82	17.79	17.58	17.95
	TIS			-91.66			-89.22
	TIS (Bright)			-90.35			-89.15
	TIS (Rear Camera)			-90.15			-88.97
	TIS (Front Camera)			-90.33			-88.81
	TIS (Speaker)			-89.48			-88.35
	TIS (Motor)			-88.29			-86.45

Active Report (98#)

Standard	BAND	LTE-B8			LTE-B12		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	16.1	15.46	16.5	15.81	15.73	15.89
	TIS			-91.93			-90.95
	TIS (Bright)			-90.26			-87.1
	TIS (Rear Camera)			-90.78			-87.26
	TIS (Front Camera)			-90.39			-88.41
	TIS (Speaker)			-90.45			-87.21
	TIS (Motor)			-88.56			-87.89

Active Report (98#)

标准	BAND	LTE-B13			LTE-B17		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP			14.17	15.12	15.1	14.85
	TIS			-91.26			-91.85
	TIS (Bright)			-88.49			-89.32
	TIS (Rear Camera)			-88.49			-88.4
	TIS (Front Camera)			-88.36			-87.38
	TIS (Speaker)			-87.48			-88.79
	TIS (Motor)			-87.21			-88.97

Active Report (98#)



Standard	BAND	LTE-B18			LTE-B19		
		Low	Medium	High	Low	Medium	High
	CHANNAL						
	TRP	16.85	16.87	16.97	15.96	16.01	15.96
	TIS			-90.91			-90.6
	TIS (Bright)			-88.81			-88.26
	TIS (Rear Camera)			-88.95			-88.36
	TIS (Front Camera)			-87.56			-87.48
	TIS (Speaker)			-88.39			-88.79
	TIS (Motor)			-88.26			-88.59

Active Report (98#)

Standard	BAND	LTE-B20			LTE-B26		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	15.98	15.92	16.3	15.84	15.98	15.84
	TIS			-90.9			-90.48
	TIS (Bright)			-88.59			-88.15
	TIS (Rear Camera)			-88.78			-87.35
	TIS (Front Camera)			-87.85			-88.5
	TIS (Speaker)			-88.64			-88.89
	TIS (Motor)			-88.64			-88.14

Active Report (98#)

Standard	BAND	LTE-B28			LTE-B38		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	16.12	15.77	14.25	17.61	17.62	17.31
	TIS			-90.36			-90.15
	TIS (Bright)			-88.15			-88.55
	TIS (Rear Camera)			-88.11			-88.94
	TIS (Front Camera)			-88.35			-88.74
	TIS (Speaker)			-88.48			-88.88
	TIS (Motor)			-88.33			-88.45

Active Report (98#)

Standard	BAND	LTE-B40			LTE-B41		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	17.09	17.2	17.35	18.88	18.07	17.79
	TIS			-90.81			-88.97
	TIS (Bright)			-89.26			-88.59
	TIS (Rear Camera)			-87.48			-86.35
	TIS (Front Camera)			-89.45			-88.15
	TIS (Speaker)			-89.95			-88.03
	TIS (Motor)			-87.99			-87.7

Active Report (98#)

Standard	BAND	LTE-B66		
	CHANNAL	Low	Medium	High
	TRP	16.26	16.13	16.12
	TIS			-90.44
	TIS (Bright)			-89.59
	TIS (Rear Camera)			-88.15
	TIS (Front Camera)			-89.89
	TIS (Speaker)			-89.17
	TIS (Motor)			-87.38

Active Report (98#)

Standard	BAND	WIFI-B			WIFI-G		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	12.14	12.31	13.41	10.17	10.21	10.97
	TIS			-81.48			-69.45
	TIS (Bright)			-81.35			-69.35
	TIS (Rear Camera)			-79.59			-67.99
	TIS (Front Camera)			-77.77			-68.35
	TIS (Speaker)			-80.98			-68.15
	TIS (Motor)			-79.35			-67.98

Active Report (98#)



Standard	BAND	WIFI-N			WIFI-A		
	CHANNAL	Low	Medium	High	Low	Medium	High
	TRP	10.12	10.46	11.54	12.17	10.97	11.45
	TIS			-64.21			-71.38
	TIS (Bright)			-63.7			-71.18
	TIS (Rear Camera)			-62.35			-70.35
	TIS (Front Camera)			-62.59			-70.48
	TIS (Speaker)			-62.48			-70.95
	TIS (Motor)			-62.95			-70.15

Active Report (98#)

Standard	BAND	WIFI-AC		
	CHANNAL	Low	Medium	High
	TRP	12.4	11.62	12.3
	TIS			-65.79
	TIS (Bright)			-64.68
	TIS (Rear Camera)			-63.35
	TIS (Front Camera)			-63.44
	TIS (Speaker)			-63.97
	TIS (Motor)			-62.82

Active Report (98#)





- 1, Above are the test data for 109T trial- production machines 24# and 98#, including the test data of the new motor.
- 2, Pay attention to wire twisting for the motor.
- 3, Please contact me by phone if you have any questions. Thank you.

THANK YOU



If you have any questions, please contact us

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