

ANWEI commnuication Equipment Co.,Ltd

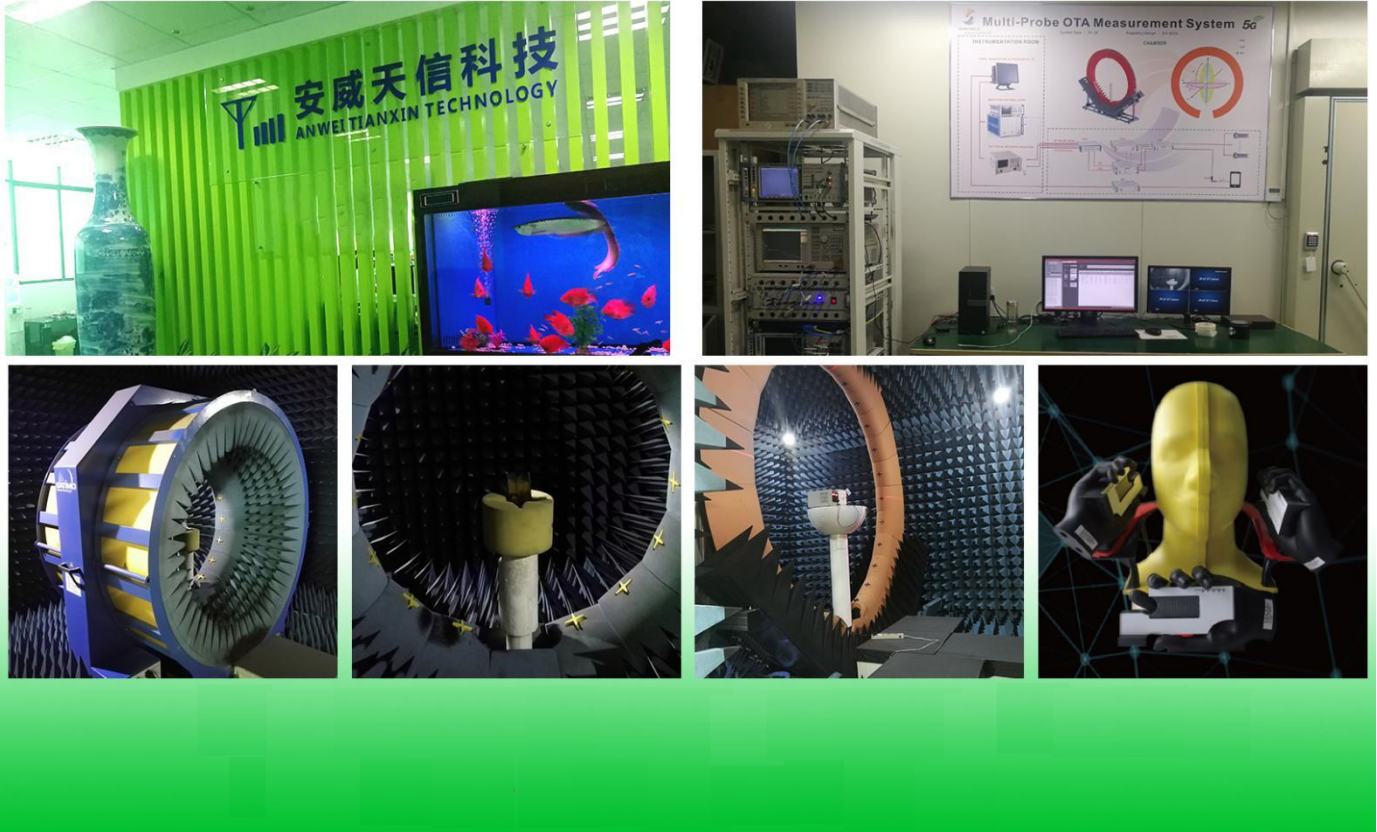
APPROVAL SHEET

Customer	Youmi	Specs	G11-9863A
Part Number	G11-9863-MAIN-AW G11-9863-DIV-AW G11-9863-2.4GWIFI/GPS/ 5GWIFI-AW	Frequency Band	2G:GSM850/900/1800/1900 3G:WCDMA-B1/2/4/5/8 4G:LTE-B1/2/3/4/5/7/8/12/13/17/18/19/20/25/ 26/28A/28B/38/40/41/66/71
Color	Black	Edition	REV:A0
Salesperson	Mr.Xie	Design	Zong Zhi Hui
Structure	Qin Yun Lin		
Date	2025/02/21		

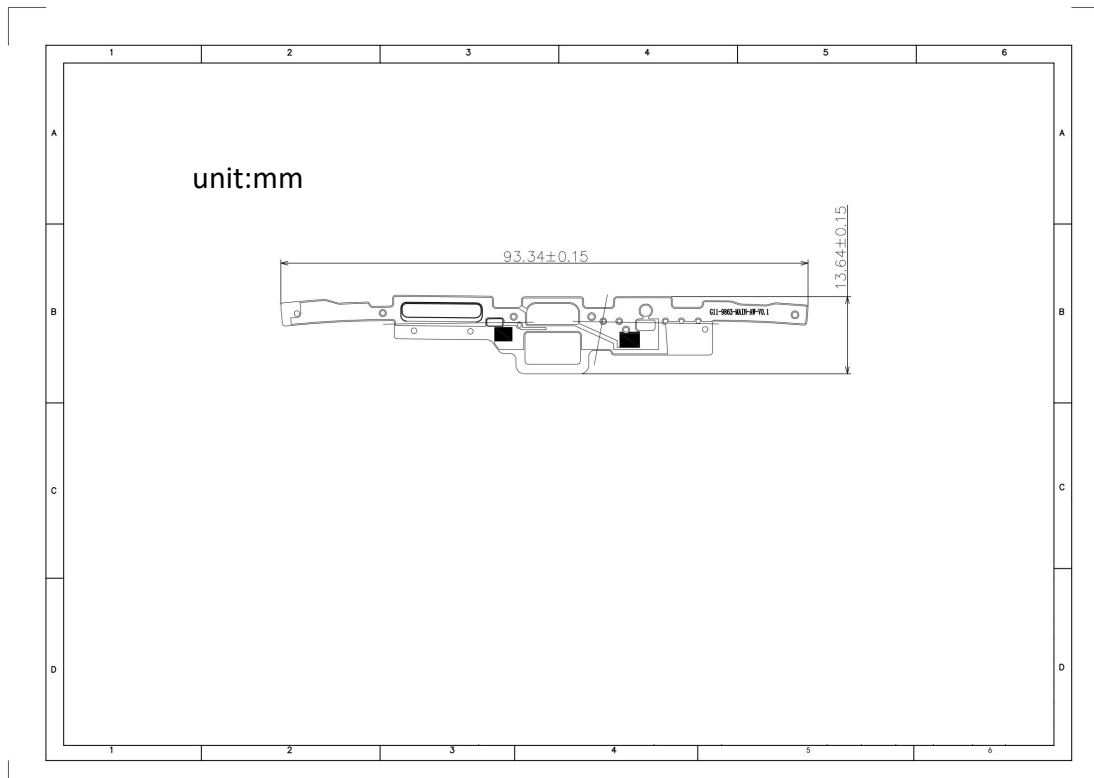
Customer confirmation:

ANT Manufacturers: ANWEI commnuication Equipment Co.,Ltd
Address:2nd Floor, East Block, Building 5, Yifenghua Innovation Industrial Park, Huaning Road, Dalang Street, Longhua District, Shenzhen City, Guangdong Province

Project development environment



(antenna 0)



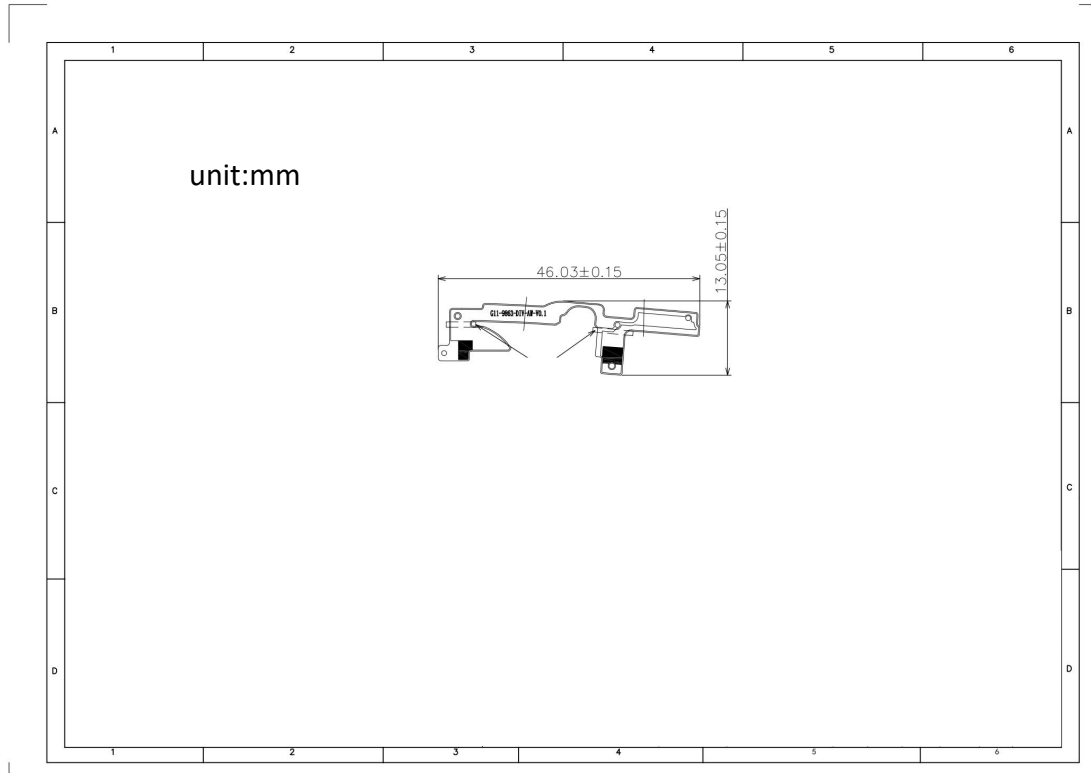
(Working frequency band): 600MHZ~960MHZ (TRX)

2G:GSM850/900

3G:WCDMA-B5/8

4G:LTE-B5/8/12/13/17/18/19/20/26/28A/28B/71

(antenna 1)



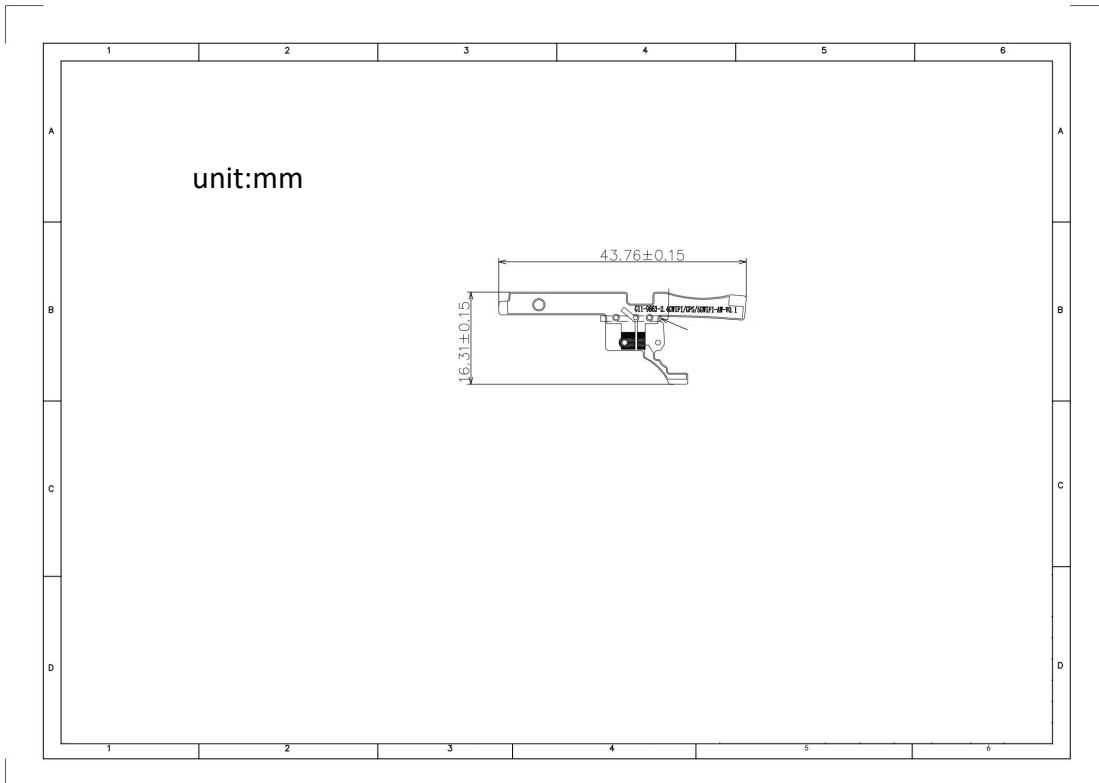
(Working frequency band): 1710~2690MHZ (TRX)

2G:GSM1800/1900

3G:WCDMA-B1/2/4

4G:LTE-B1/2/3/4/7/25/38/40/41/66

(GPS L1 antenna) + (2.4G WIFI/BT antenna)



(Working frequency band of GPS antenna) : 1575.42MHZ

(Working frequency band of 2.4GWIFI antenna) : 2400~2500MHZ

ANWEI ANT TRP&TIS parameter Summary of G11-9863A

BAND	Channel	TRP (dBm)	TIS (dBm)
FDD B1	L	16.84	
	M	16.19	
	H	15.55	-88.57
FDD B2	L	16.91	
	M	16.36	
	H	15.55	-91.69
FDD B3	L	17.74	
	M	18.46	
	H	18.72	-90.18
FDD B4	L	17.22	
	M	16.20	
	H	17.44	-89.27
FDD B5	L	17.50	
	M	17.69	
	H	18.29	-89.14
FDD B7	L	18.92	
	M	15.18	
	H	14.31	-87.85
FDD B8	L	17.75	
	M	17.25	
	H	11.00	-83.68
FDD B12	L	17.42	
	M	17.77	
	H	17.18	-91.57
FDD B13	L		
	M	16.71	-90.58
	H		

FDD B17	L	17.85	
	M	18.55	
	H	18.03	-91.17
FDD B18	L	18.30	
	M	17.68	
	H	17.93	-89.88
FDD B19	L	17.92	
	M	18.20	
	H	18.34	-87.96
FDD B20	L	18.16	
	M	18.33	
	H	17.94	-88.41
FDD B25	L	14.25	
	M	15.41	
	H	14.73	-91.85
FDD B26	L	17.01	
	M	17.13	
	H	17.42	-89.36
FDD B28A	L	18.23	
	M	17.25	
	H	16.17	-88.17
FDD B28B	L	17.36	
	M	16.35	
	H	15.47	-87.88
FDD B66	L	17.50	
	M	17.60	
	H	17.05	-91.36

	Channel	TRP (dBm)	TIS (dBm)
TDD B38	L	17.56	
	M	16.58	
	H	16.05	-85.66
TDD B40	L	15.64	
	M	16.80	
	H	15.43	-85.20
TDD B41	L	15.45	
	M	15.51	-86.04
	H	14.88	
WCDMA-B1	L	16.63	
	M	16.40	
	H	16.20	-100.25
WCDMA-B2	L	16.10	
	M	15.18	
	H	13.87	-100.29
WCDMA-B4	L	16.45	
	M	16.58	
	H	17.09	-100.52
WCDMA-B5	L	16.74	
	M	16.57	
	H	17.10	-102.93
WCDMA-B8	L	17.02	
	M	16.08	
	H	10.38	-88.01

	Channel	TRP (dBm)	TIS (dBm)
GSM850	L	26.17	
	M	25.65	
	H	26.38	-102.60
GSM900	L	25.47	
	M	25.79	
	H	20.26	-90.10
DCS1800	L	24.03	
	M	24.04	
	H	24.50	-103.50
PCS1900	L	25.06	
	M	25.09	
	H	25.05	-103.16
2.4G WIFI	L	14.19	-80.04
	M	13.21	-80.12
Bmode 11M	H	12.37	-80.12

GPS 测试(GPS Test)



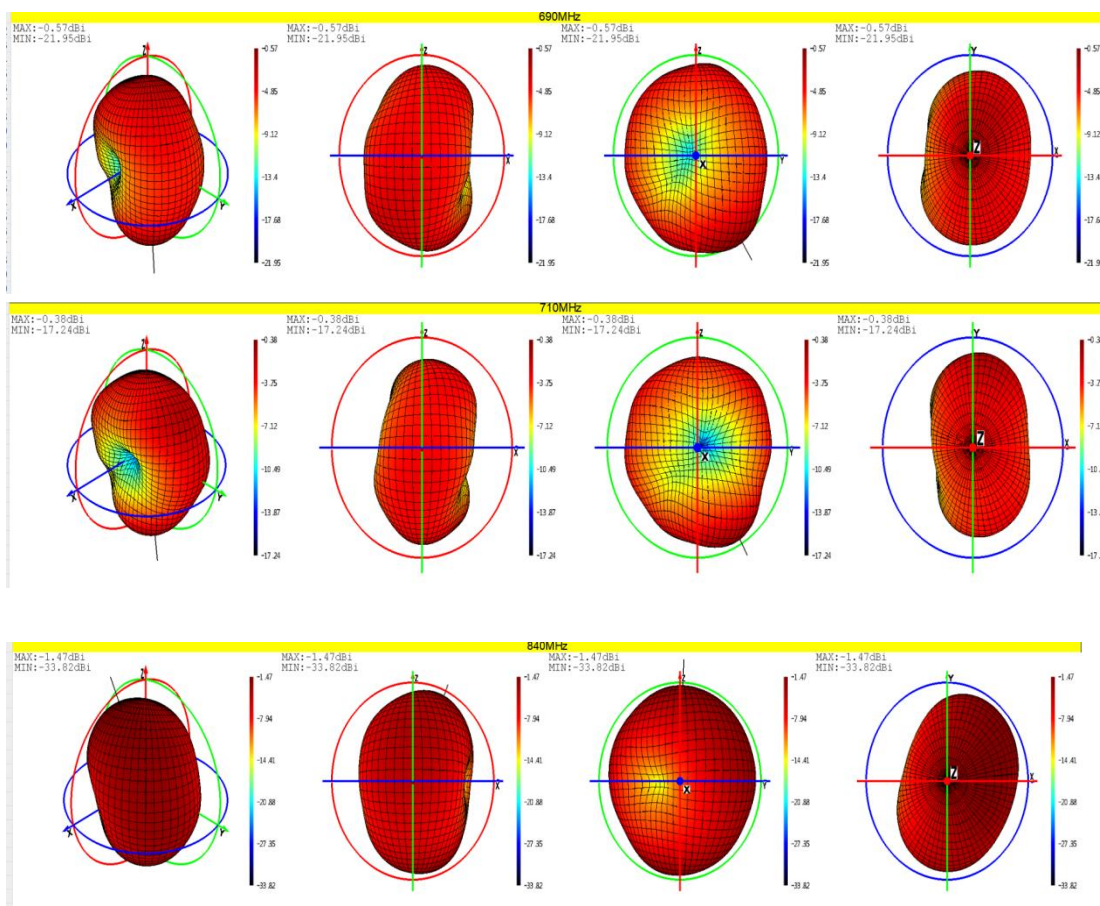
GPS 效率(Efficiency of GPS antenna): 32.82%

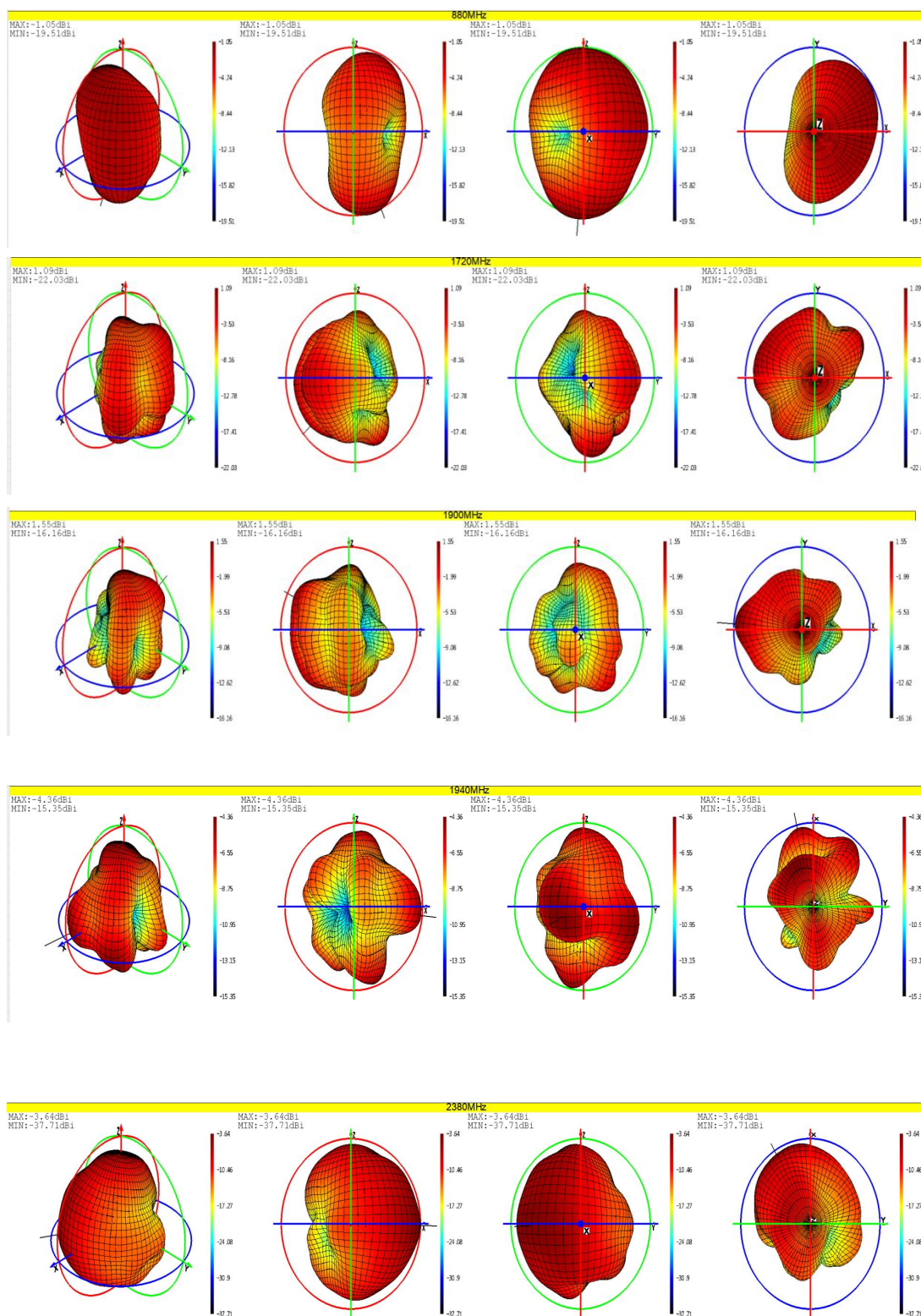
天线增益(Antenna gain)

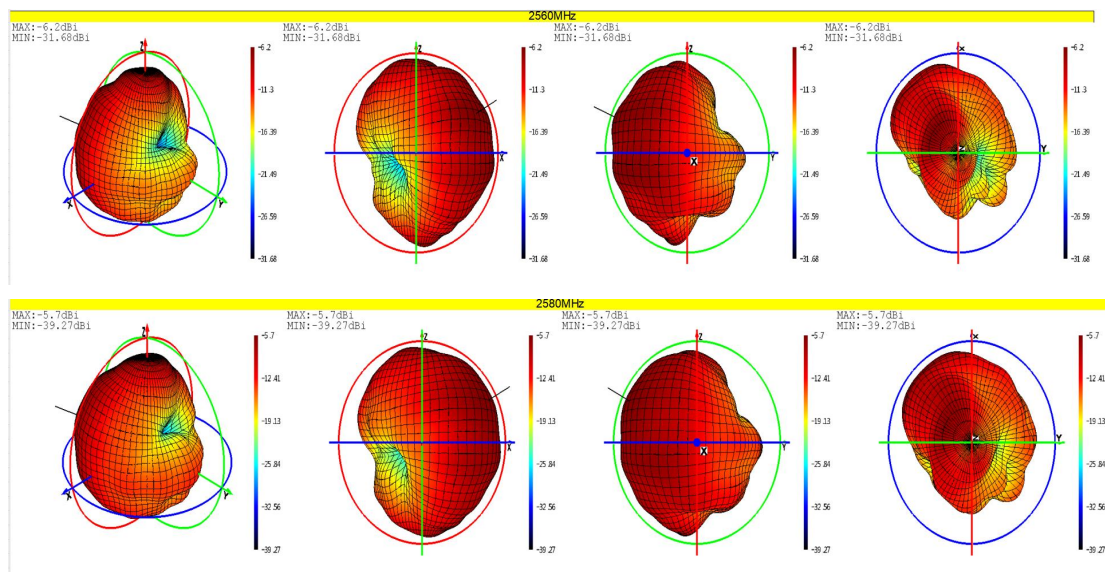
Standard	Band	Frequency(MHz)	Gain(dBi)
FDD_LTE	FDD_B1	1940	-4.36
FDD_LTE	FDD_B2	1900	1.55
FDD_LTE	FDD_B3	840	-1.47
FDD_LTE	FDD_B4	1720	1.09
FDD_LTE	FDD_B5	840	-1.47
FDD_LTE	FDD_B7	2560	-6.20
FDD_LTE	FDD_B8	880	-1.05
FDD_LTE	FDD_B12	710	-0.38
FDD_LTE	FDD_B13	710	-0.38
FDD_LTE	FDD_B17	710	-0.38
FDD_LTE	FDD_B18	840	-1.47
FDD_LTE	FDD_B19	840	-1.47
FDD_LTE	FDD_B20	840	-1.47
FDD_LTE	FDD_B25	1900	1.55
FDD_LTE	FDD_B26	840	-1.47
FDD_LTE	FDD_B28	710	-0.38
TDD_LTE	TDD_B38	2580	-5.70
TDD_LTE	TDD_B40	2380	-3.64
TDD_LTE	TDD_B41	2580	-5.70
FDD_LTE	FDD_B66	840	-1.47
FDD_LTE	FDD_B71	690	-0.57
WCDMA	WCDMA_B1	1940	-4.36
WCDMA	WCDMA_B2	1900	1.55
WCDMA	WCDMA_B4	1720	1.09
WCDMA	WCDMA_B5	840	-1.47
WCDMA	WCDMA_B8	880	-1.05
GSM	GSM850	840	-1.47
GSM	GSM900	880	-1.05
GSM	DCS1800	1720	1.09

GSM	PCS1900	1900	1.55
2.4G WIFI		2450	2.42
GPS	L1	1575	2.06
BT		2450	2.42
FM		108	0.8

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