

Antenna Information

1. Brand and model of Antenna

Brand: Bmobile

Model of Antenna: TC6283D-MX

antenna	pattern	gain
GSM850	IFA	-2.3
GSM900	IFA	-2.1
DCS	IFA	-1
PCS	IFA	-0.8
WCDMA2	IFA	-0.8
WCDMA4	IFA	-0.8
WCDMA5	IFA	-2.3
WCDMA8	IFA	-2.7
LTE	IFA	
B2	IFA	-0.8
B4	IFA	-0.8
B5	IFA	-2.3
B7	IFA	0.9
B12	IFA	-3.1
B26	IFA	-2.3
B66	IFA	-0.8
B28	IFA	-3.1
B38	IFA	0.86
WIFI/BT	IFA	0.83
GPS	IFA	0.75

3. Maximum transmission power

Band		Channel	TRP	TIS
GSM	900	1	25.4	
		62	25.3	
		124	25.11	-101.4
DCS	1800	512	24.3	
		698	24.5	
		885	24.5	-103

Band		Channel	TRP	TIS
GSM	850	128	25	
		190	25	
		251	25.1	-101.7
PCS	1900	512	25	
		661	24.5	
		810	24	-102

Band		Channel	TRP	TIS
WCDMA	B5	4357	15.1	
		4410	15.2	
		4458	15.5	-103
WCDMA	B2	2937	17.6	
		3013	17.2	
		3088	17	-104.1

Band		Channel	TRP	TIS
WCDMA	B4	1537	16	
		1638		
		1738	16.8	-104.2
WCDMA	B8	2937	15.4	
		3013		
		3088	15	-102.7

FDD	B2	18650	17.8	
		18900	17.3	
		19150	17.1	-90.6
FDD	B4	20000	16.1	
		20175	16.4	
		20350	16.8	-91.3

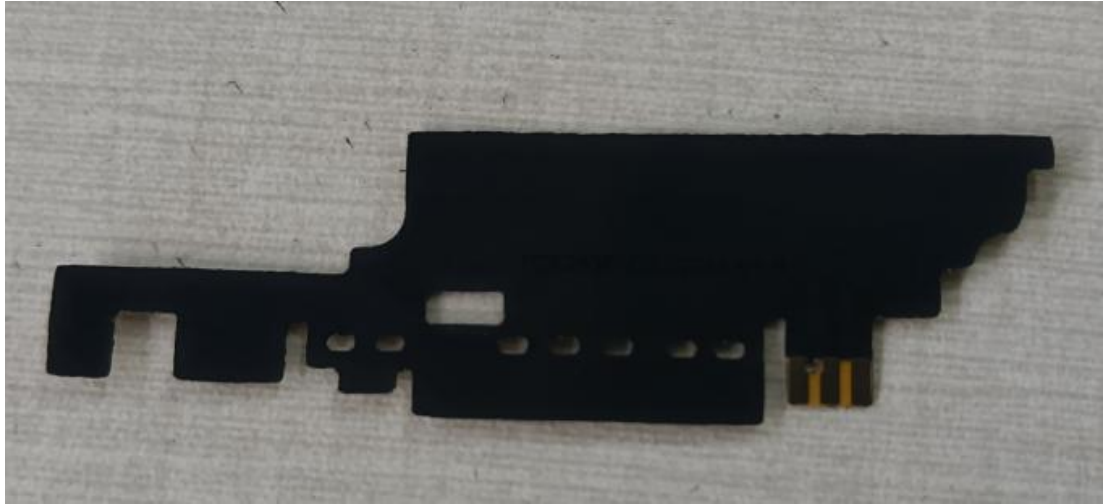
Band		Channel	TRP	TIS
FDD	B5	20150	15.3	
		20525	15.4	
		20600	15.8	-90.1
FDD	B7	20800	16.4	
		21100	16.8	
		21400	17.2	-90

Band		Channel	TRP	TIS
FDD	B12	23060	15.1	
		23095		
		23130	15.2	-90
FDD	B26	26740	15.4	
		26865		
		26990	15.8	-90

FDD	B66	132022	16.0	
		132322	16.4	
		132622	16.8	-91.2
FDD	B28	27260	14.7	
		27470	14.8	
		27610	15	-90

Band		Channel	TRP	TIS
TDD	B38	37850	17.1	
		38000	17	
		38150	17	-88.8

4. How many antennas are on the phone
 WWAN Main Antenna



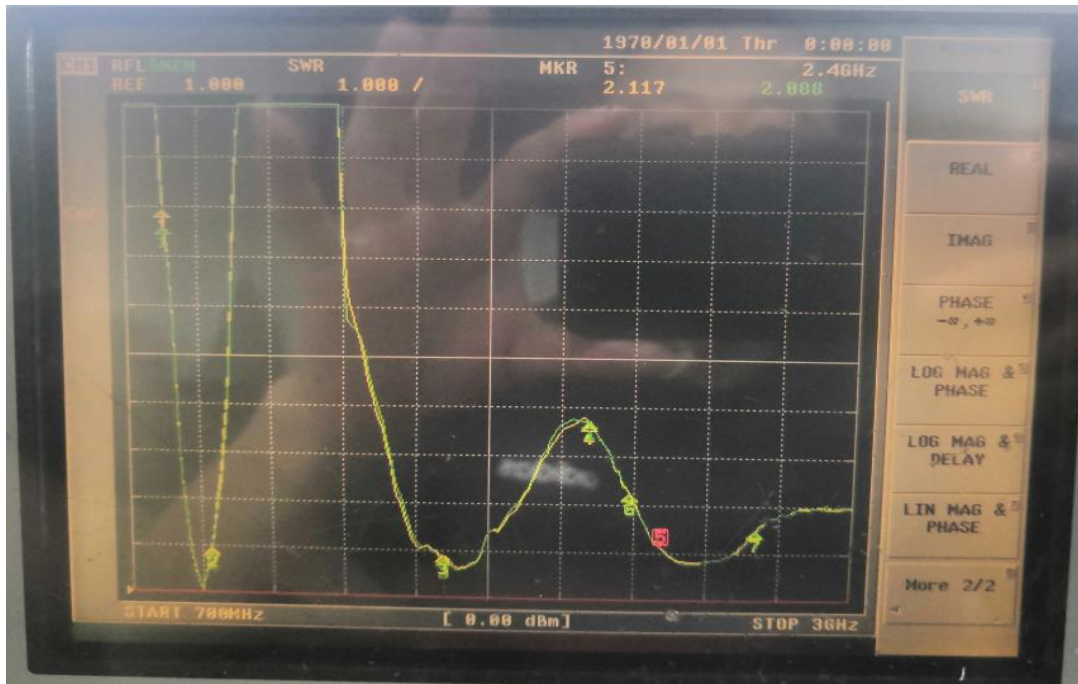
LTE DIV Antenna



GWB Antenna



5. Antennas VSWR
WWAN Main Antenna



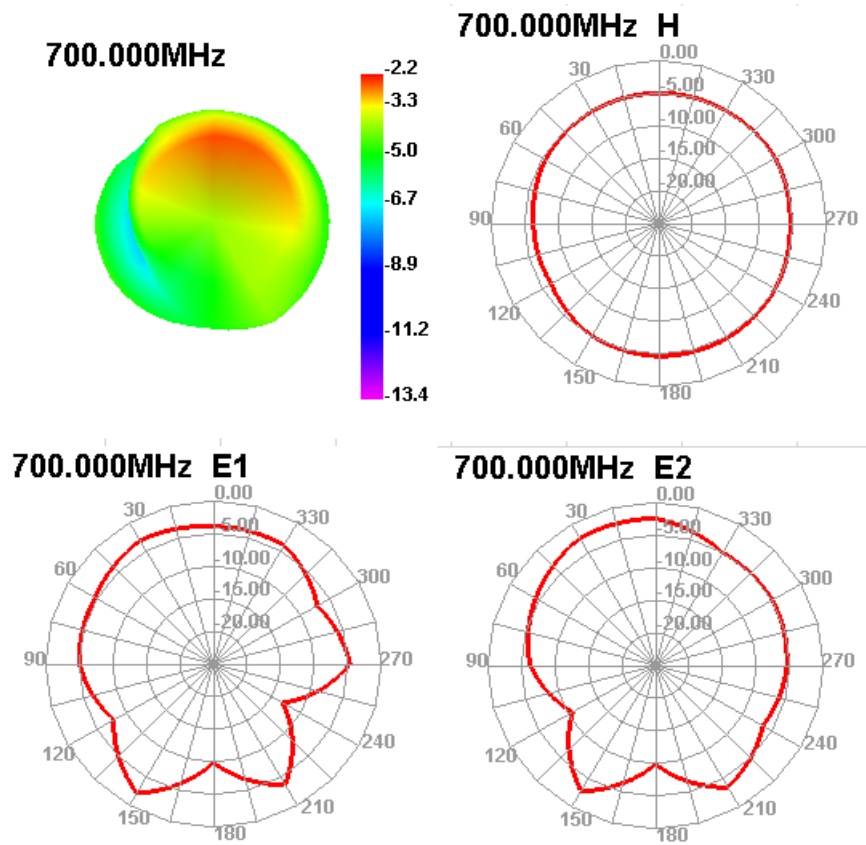
GWB VSWR



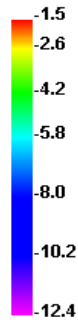
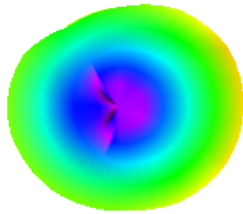
LTE DIV Antenna



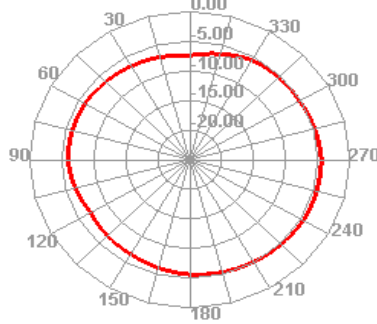
Directional diagram



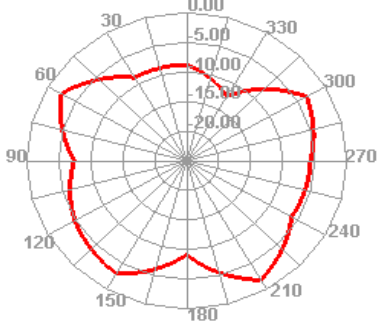
840.000MHz



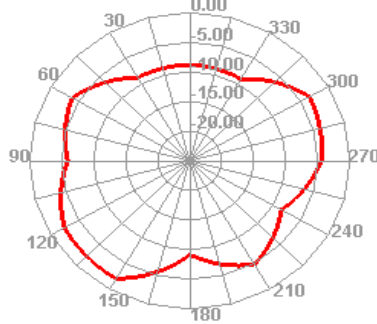
840.000MHz H



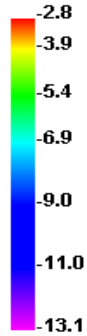
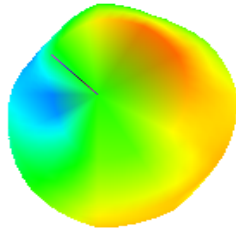
840.000MHz E1



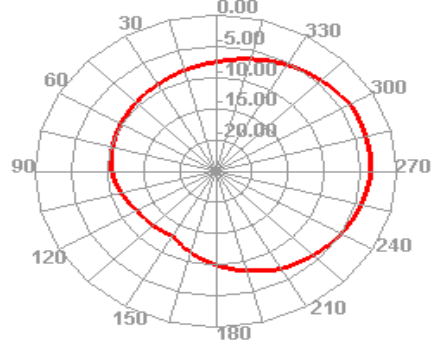
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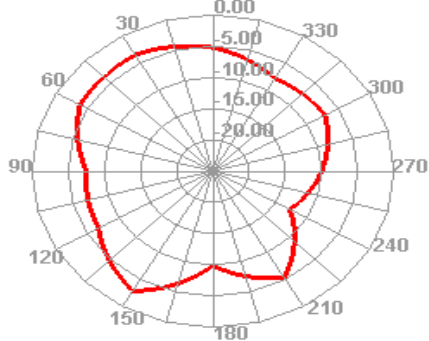
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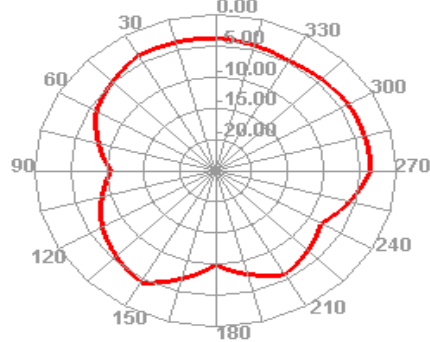
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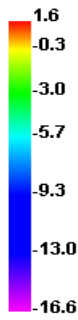
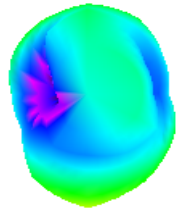
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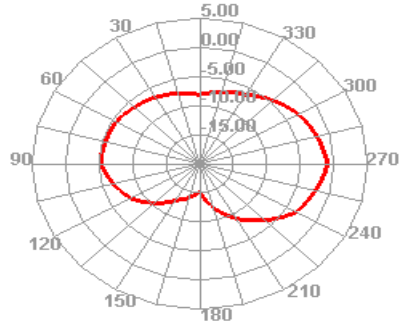
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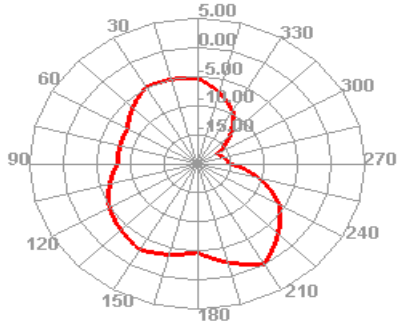
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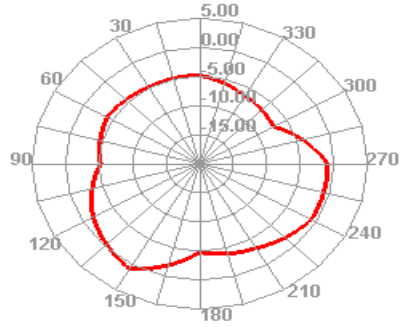
1880.000MHz H



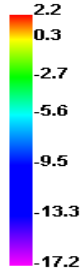
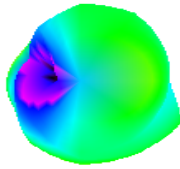
1880.000MHz E1



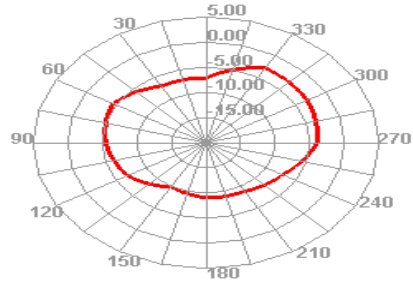
1880.000MHz E2



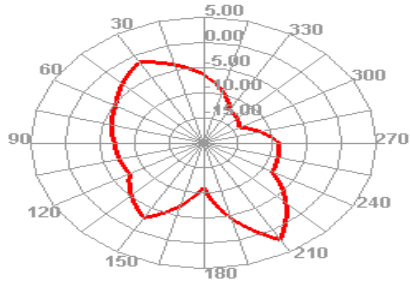
2130.000MHz



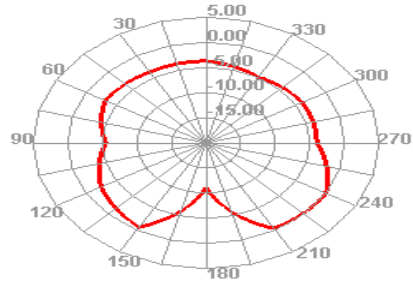
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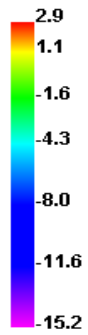
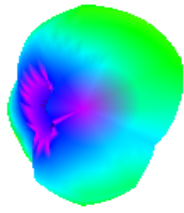
2130.000MHz E1



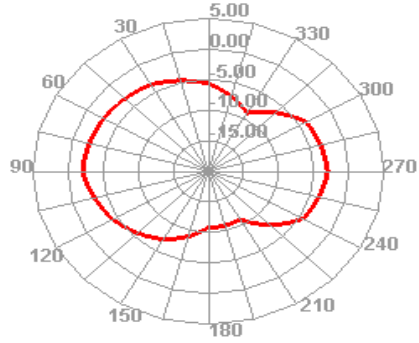
2130.000MHz E2



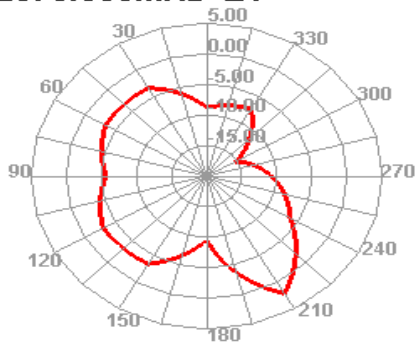
2370.000MHz



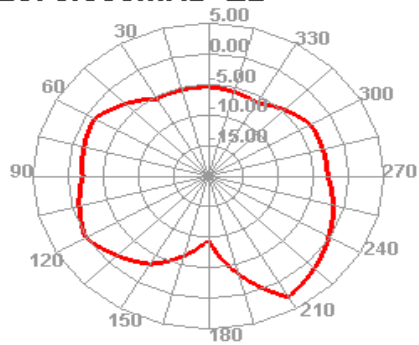
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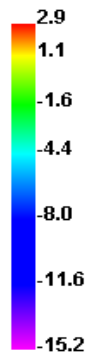
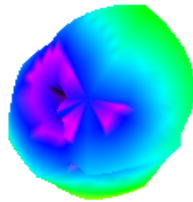
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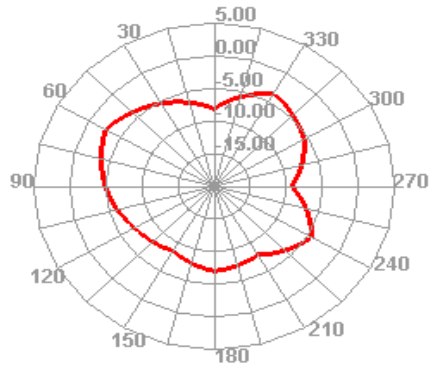
2370.000MHz E2



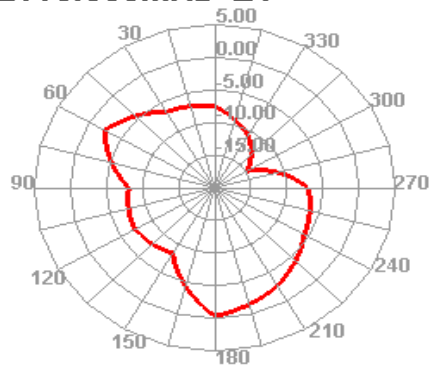
2660.000MHz



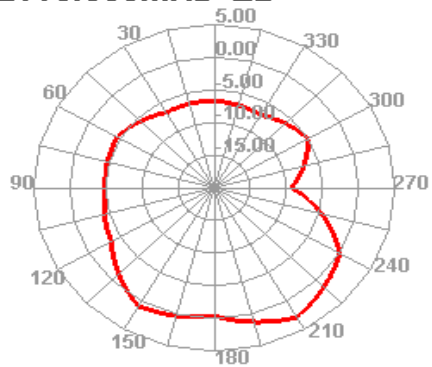
2660.000MHz H



2660.000MHz E1

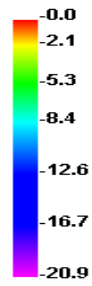
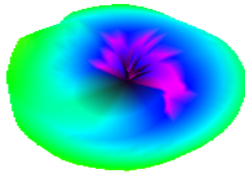


2660.000MHz E2

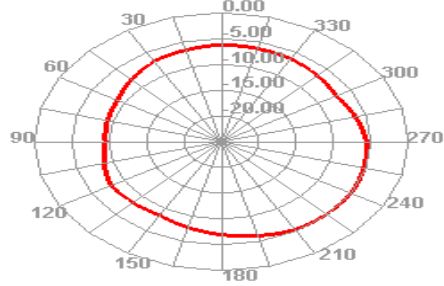


BT WIFI

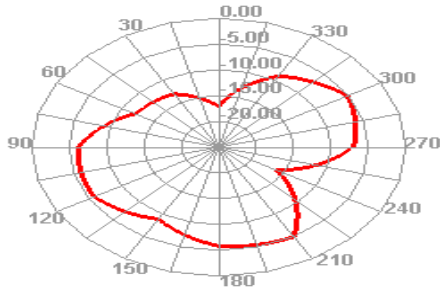
2440.000MHz



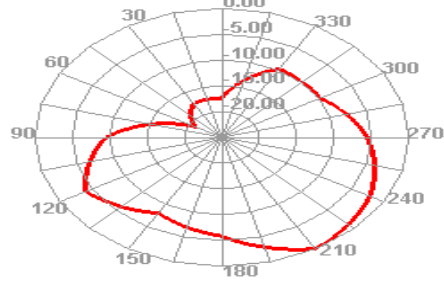
2440.000MHz H



2440.000MHz E1

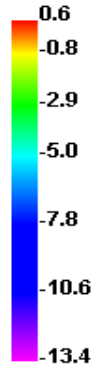
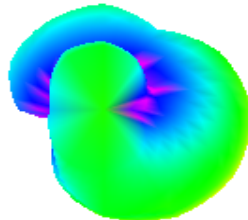


2440.000MHz E2

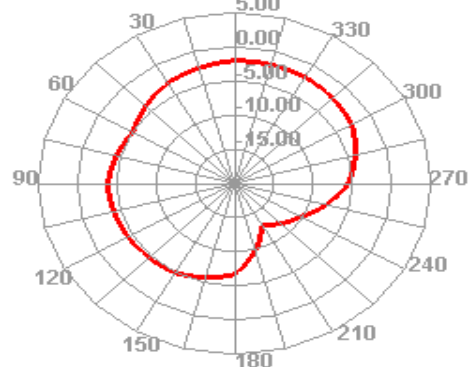


GPS

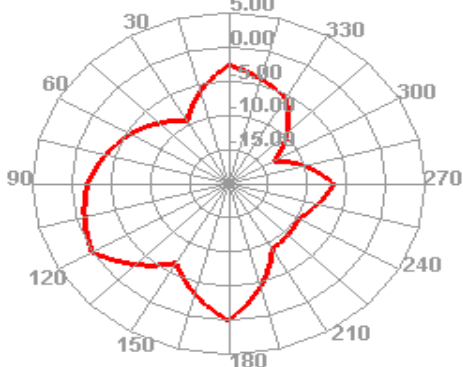
1575.000MHz



1575.000MHz H



1575.000MHz E1



1575.000MHz E2

