

Antenna testing report



Bands :

G900/1800/850/1900

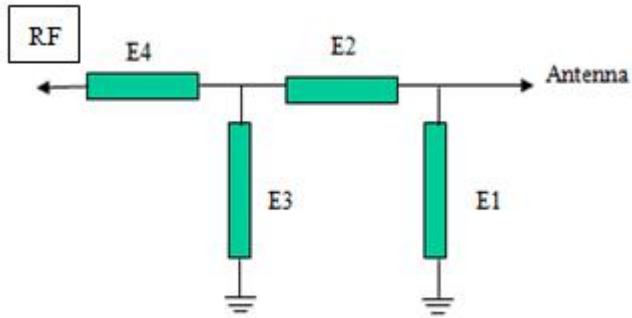
W1/2/5/8

Antenna type:PIFA

Model:FPC

Main antenna matching circuit

Element	E1	E2	E3	
Value				



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The main antenna transmits data

Band	Channal	功率 (dBm)	灵敏度 (dBm)	Band	Channal	功率 (dBm)	灵敏度 (dBm)
GSM900	L	32.3		DCS1800	L	27.8	
	M	32.4			M	27.2	
	H	32.4	-108.0		H	27.4	-108.2
GSM850	L	31.7		PCS1900	L	28.8	
	M	31.8			M	28.7	
	H	31.9	-110.0		H	28.5	-107.9
W850	L	22.2		W900	L	21.5	
	M	22.3			M	21.0	
	H	22.2	-110.9		H	21.1	-110.0
W1900	L	21.4		W2100	L	21.4	
	M	21.2			M	21.2	
	H	21.4	-109.0		H	21.4	-109.0

Main antenna OTA

Band	Channal	TRP(dBm)	TIS(dBm)	Band	Channal	TRP(dBm)	TIS(dBm)
GSM900	L	26.0		DCS1800	L	23.2	
	M	25.1			M	24.0	
	H	24.6	-101.1		H	24.8	-102.2
GSM850	L	25.3		PCS1900	L	23.4	
	M	25.1			M	22.9	
	H	25.3	-103.4		H	22.3	-100.2
W850	L	17.6		W900	L	15.9	
	M	16.3			M	15.4	
	H	16.5	-104.5		H	14.8	-101.3
W1900	L	15.9		W2100	L	15.5	
	M	14.8			M	14.5	
	H	14.6	-102.3		H	14.2	-101.6

On and off screen test

Band	Channal	TRP(dBm)	TIS(dBm)	Band	Channal	TRP(dBm)	TIS(dBm)
GSM900	L	-104.3	-105.0	DCS1800	L	-110.0	-111.0
	M	-104.2	-104.9		M	-109.0	-110.0
	H	-103.1	-104.1		H	-108.0	-109.0
GSM850	L	-109.0	-109.0	PCS1900	L	-106.0	-107.0
	M	-108.0	-108.0		M	-104.0	-105.0
	H	-107.0	-107.0		H	-103.0	-104.0

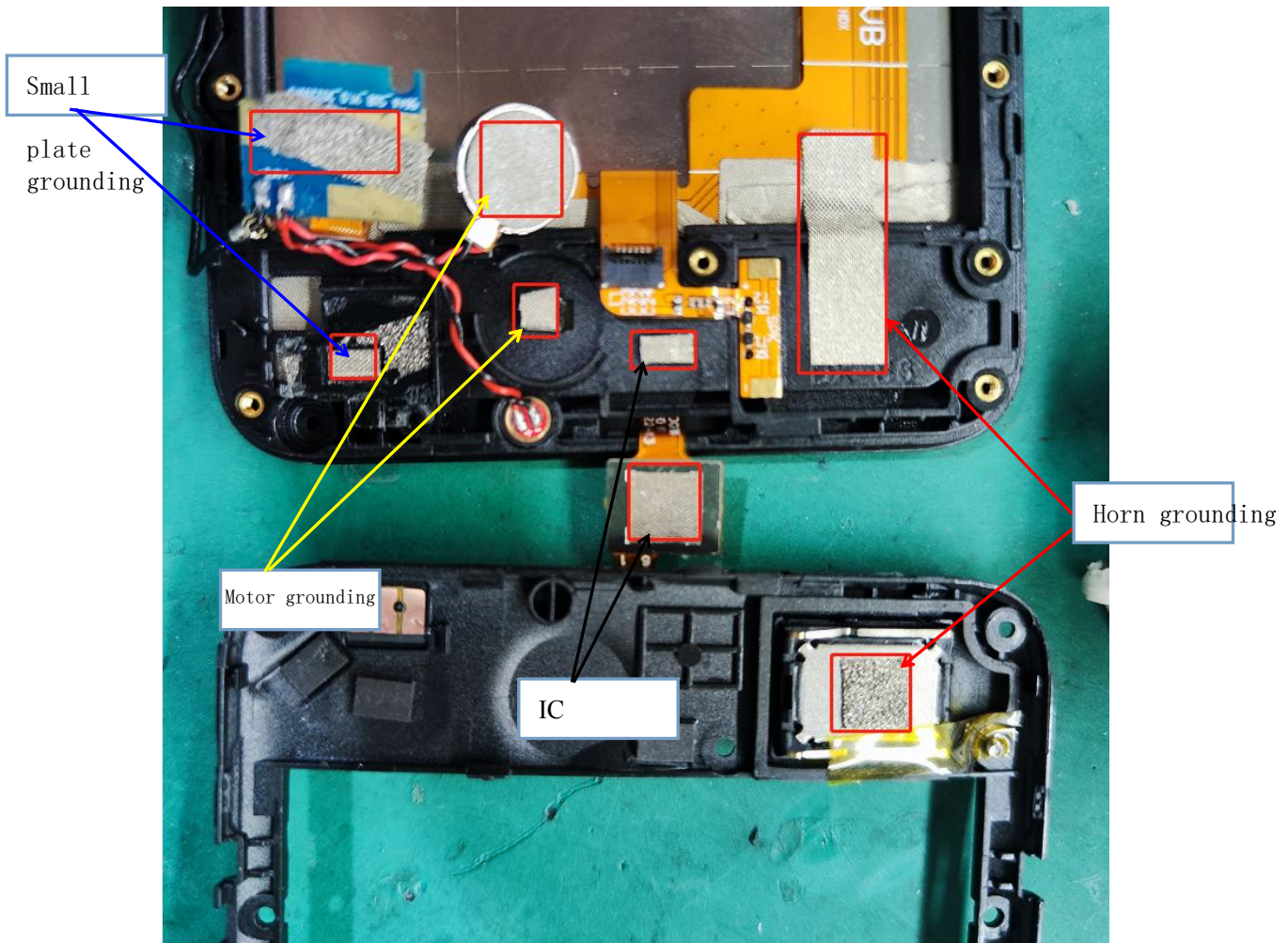
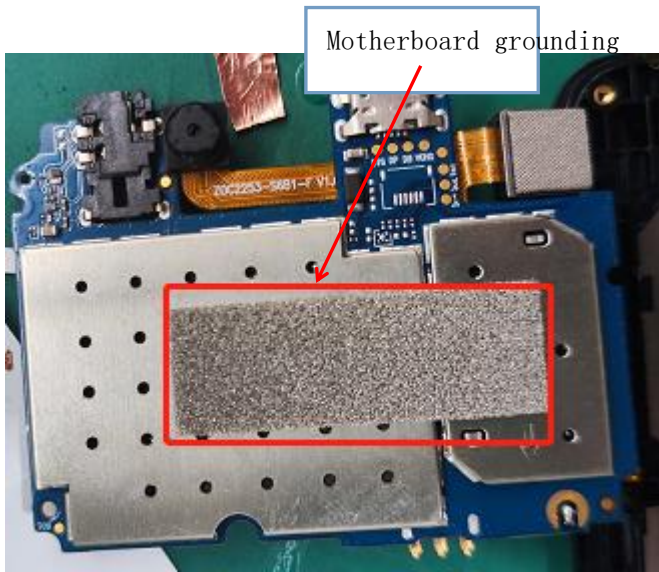
WIFI

	Channal	TRP(dBm)	TIS(dBm)
2.4G	L	10.3	-79.1
	M	10.8	-80.6
	H	10.3	-79.4

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Frequency (MHz)	Gain (dBi)
GSM850/W850	-2.0
GSM900/W900	-1.9
DCS1800	-1.3
PCS1900/W1900	-1.6
W2100	-1.8
BT/WIFI2.4 (2400MHz~2500MHz)	1.3

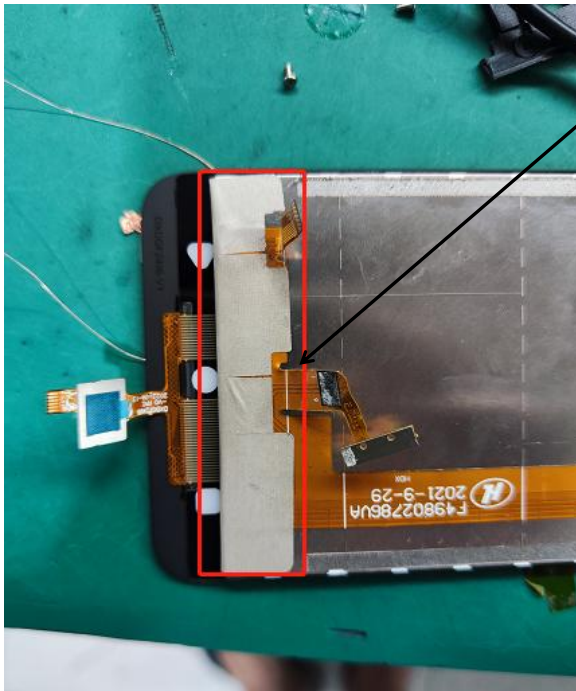
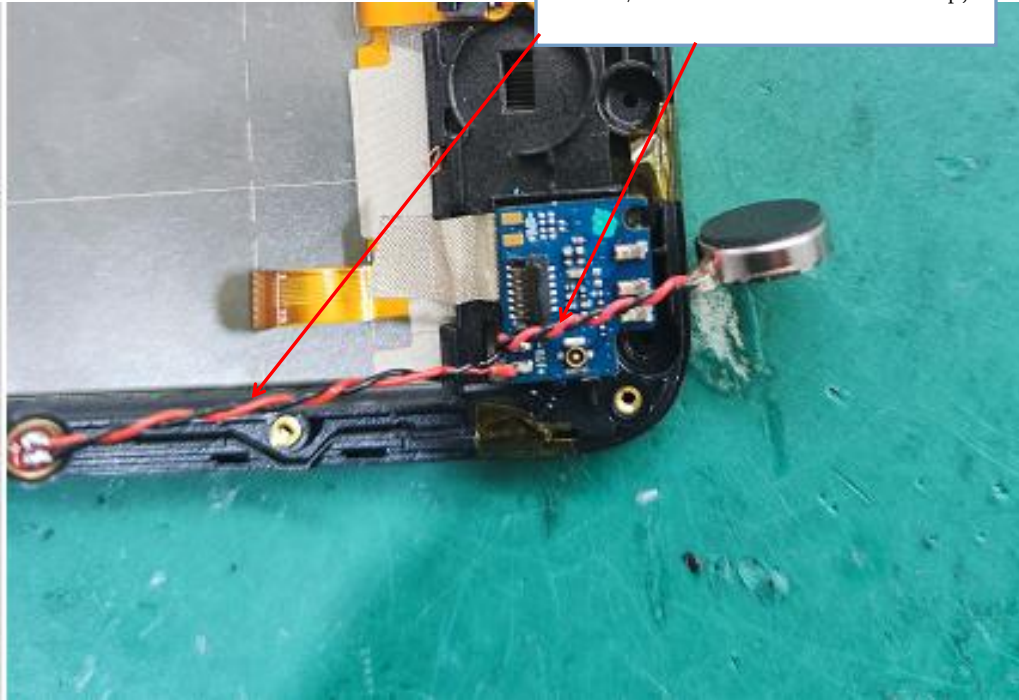




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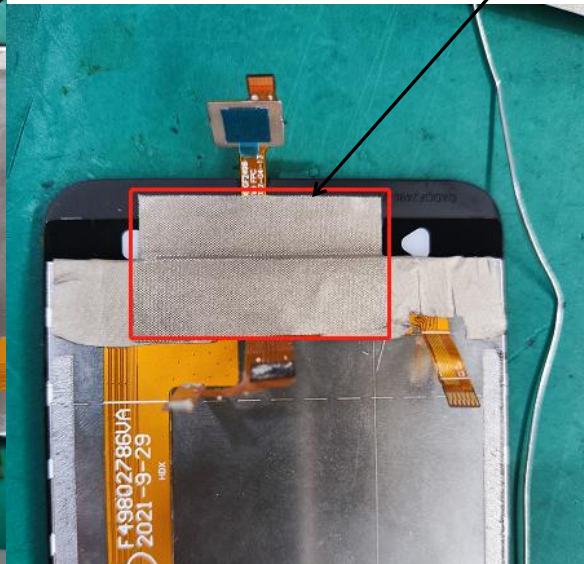
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Motor/Mi head wire twisted up, convenient placement



Screen cabling

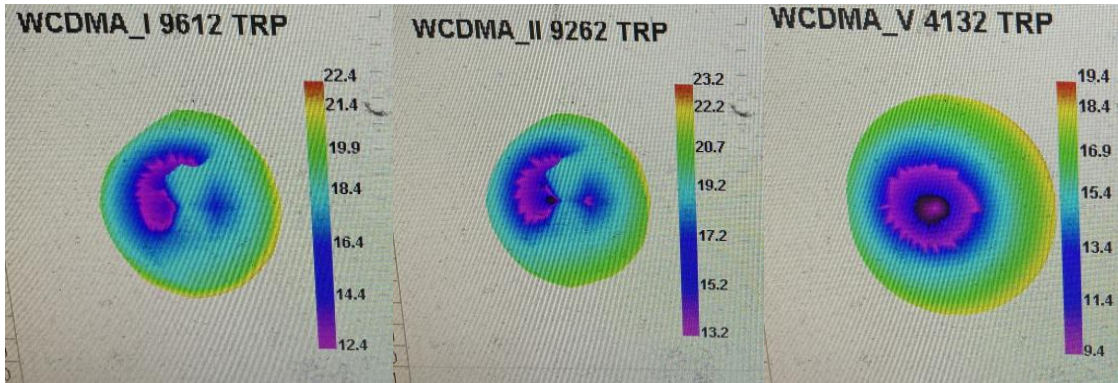
Shielding TP cables



WCDMA-2100

WCDMA-1900

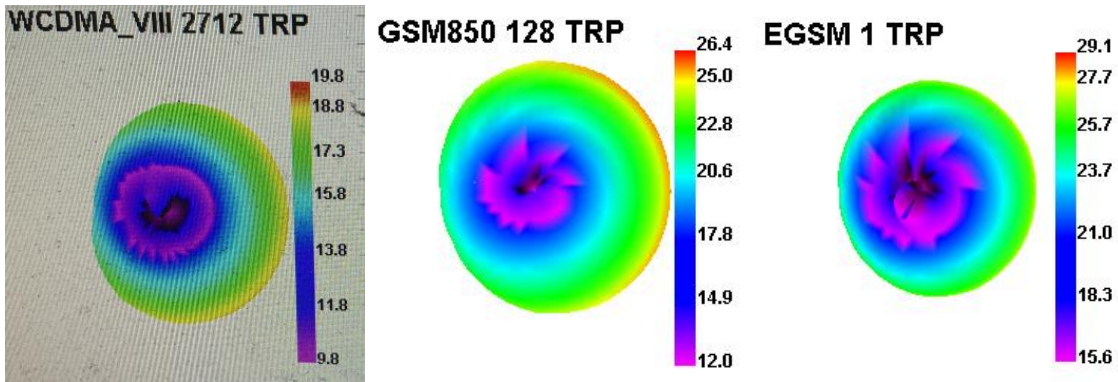
WCDMA-850



WCDMA-900

GSM850

GSM900

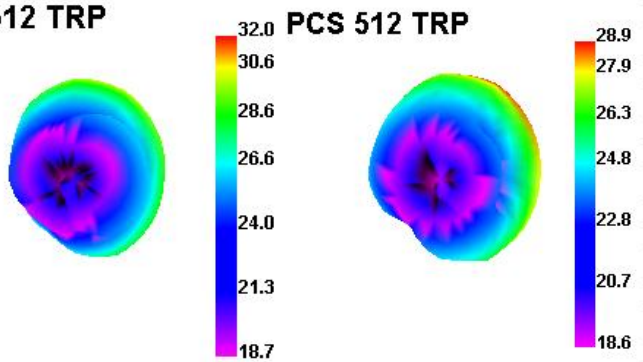


DCS1800

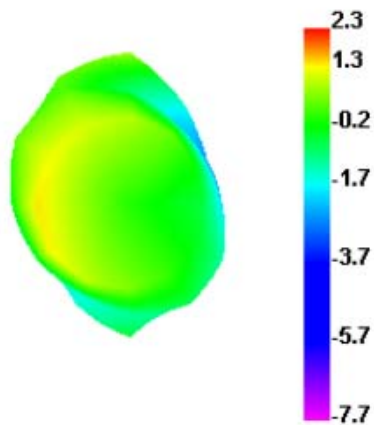
PCS1900

DCS 512 TRP

PCS 512 TRP



BT/2.4WIFI



Antenna Photo

BT/Wi-Fi Antenna



GSM/WCDMA Antenna

