

Feature

- ※ High gain
- ※ Omani-directional
- ※ Wide bandwidth

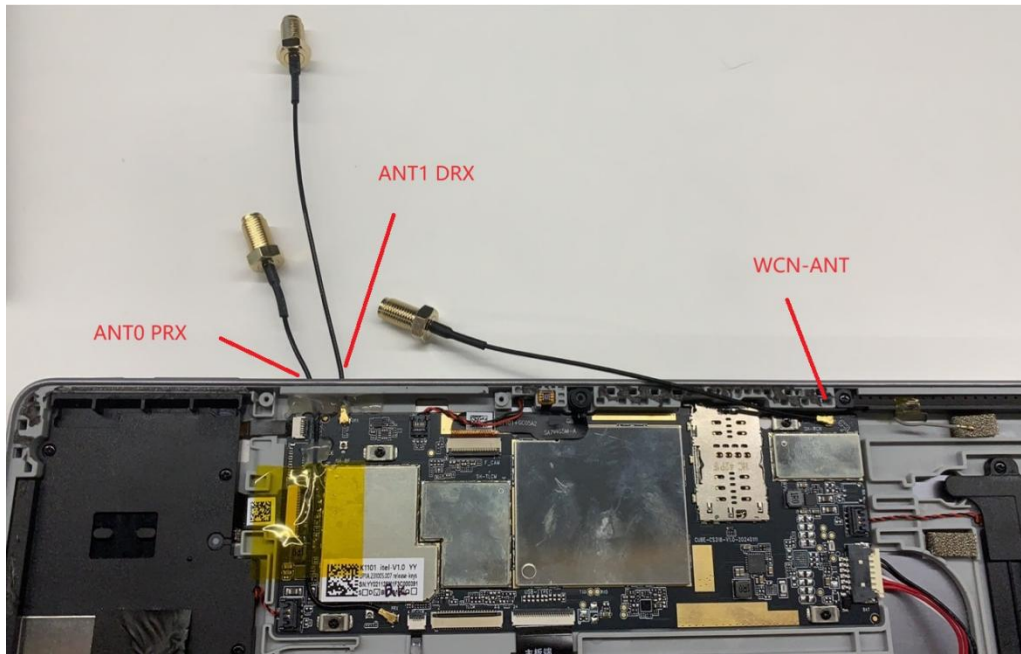
Application

GSM850/900/DCS/PCS/WCDMA B1/B2/B5/B8
LTE B1/B2/B3/B4/B5/B7/B8/B20/B28/B38/B40/B41

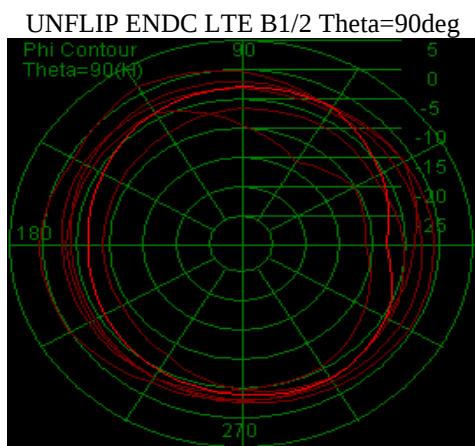
Name and address of the antenna manufacturer	Model number of the antenna
Name: Shenzhen Yusheng Communication Equipment Co., LTD Address: 407-411, Floor 4, Building 2, Nantaiyun Chuanggu Park, southeast of the intersection of Guangming Avenue and Dongchang Road, Guangming District, Shenzhen City	THOT-K1101-GSM-XX-XX THOT-K1101-DIV-XX-XX THOT-K1101-BGW-XX-XX

TYPE	
Transmitter Frequency	GSM 850/WCDMA B5/LTE B5 : 824-849MHz
	GSM 900/WCDMA B8/LTE B8 : 880-915 MHz
	DCS /LTE B3/B4 : 1710-1785 MHz
	PCS/WCDMA 2/LTE B2 : 1850-1910MHz
	WCDMA B1/LTE B1 : 1920-1980MHz
	LTE B7 : 2500-2570MHz
	LTE B40 : 2300-2400MHz
	LTE B38/B41 : 2535-2655MHz
	LTE B20 : 832-862MHz
	LTE B28 : 699-748MHz
Receiver Frequency	GSM 850/WCDMA B5/LTE B5 : 869-894 MHz
	GSM 900/WCDMA B8/LTE B8 : 925-960 MHz
	DCS/LTE B3 : 1805-1880 MHz

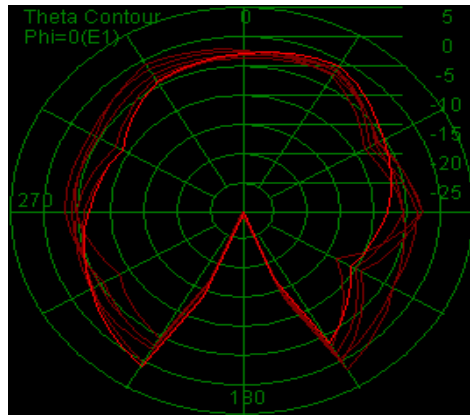
		LTE B4: 2110-2180 MHz
		PCS/WCDMA B2/LTE B2 : 1930-1990MHz
		WCDMA B1/LTE B1 : 2110-2170MHz
		LTE B7 : 2620-2690MHz
		LTE B40 : 2300-2400MHz
		LTE B38/B41 : 2535-2655MHz
		LTE B20 : 791-821MHz
		LTE B28 : 758-803MHz
RF-Output Power (E.I.R.P)		GSM850/900: 32+/-2dBm
		DCS/PCS: 30+/-2dBm
		WCDMA B1/B2/B5/ B8: 23+/-2dBm
		LTE B1/B2/B3/B4/B5/B7/B8/B20/B28/B38/B40/B41: 23+/-2dBm
Antenna Gain	ANT1(PRX)	GSM850:0.67dBi;EGSM900:0.64dBi; DCS1800:1.07dBi;PCS1900:1.17dBi;
		WCDMA B1:1.20dBi;WCDMA B2:1.17dBi; WCDMA B5:0.67dBi;WCDMA B8:0.64dBi;
		LTE B1:1.20dBi;LTE B2:1.17dBi; LTE B3:1.07dBi;LTE B4:1.05dBi; LTE B5:0.67dBi;LTE B7:1.36dBi; LTE B8:0.64dBi;LTE B20:0.67dBi; LTE B28A:0.50dBi;LTE B28B:0.50dBi; LTE B38:1.36dBi;LTE B40:1.31dBi; LTE B41:1.36dBi;
	ANT2(DRX)	GSM850:-1.12dBi;EGSM900:-1.15dBi; DCS1800:-0.21dBi;PCS1900:-0.05dBi;
		WCDMA B1:0.11dBi;WCDMA B2:-0.05dBi; WCDMA B5:-1.12dBi;WCDMA B8:-1.15dBi;
		LTE B1:0.11dBi;LTE B2:-0.05dBi; LTE B3:-0.21dBi;LTE B4:-0.24dBi; LTE B5:-1.12dBi;LTE B7:0.23dBi; LTE B8:-1.15dBi;LTE B20:-1.12dBi; LTE B28A:-1.35dBi;LTE B28B:-1.35dBi; LTE B38:0.23dBi;LTE B40:0.17dBi; LTE B41:0.23dBi;
	ANT3(GPS& BT&2.4GWIFI I&5GWIFI)	GPS: 1.09dBi
		BT: 1.21dBi
		2.4GWIFI:1.21dBi
		5GWIFI:1.32dBi
Type of	PIFA	



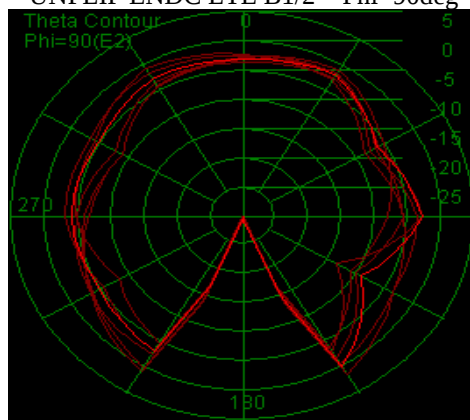
※ Antenna Gain
ANT1 UNFLIP



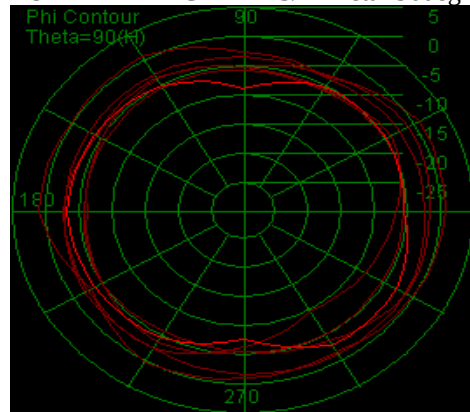
UNFLIP ENDC LTE B1/2 Phi=0deg



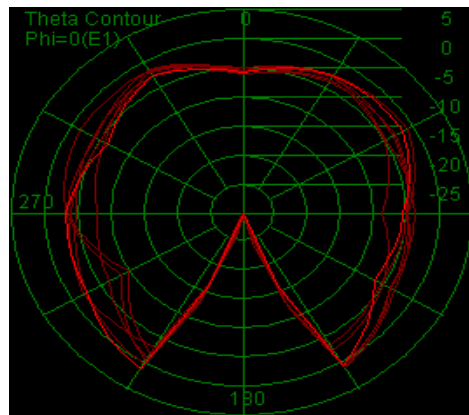
UNFLIP ENDC LTE B1/2 Phi=90deg



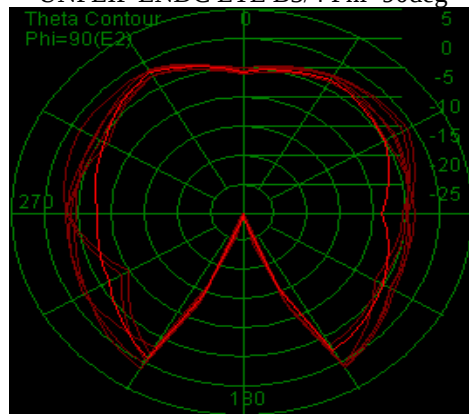
UNFLIP ENDC LTE B3/4 Theta=90deg



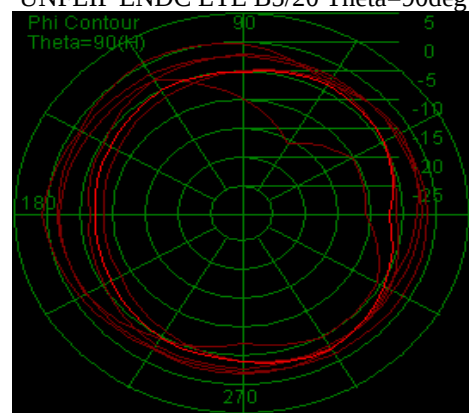
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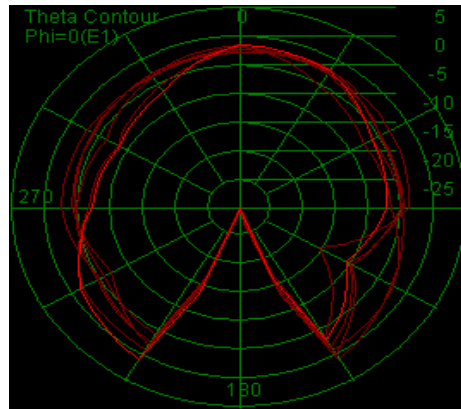
UNFLIP ENDC LTE B3/4 Phi=90deg



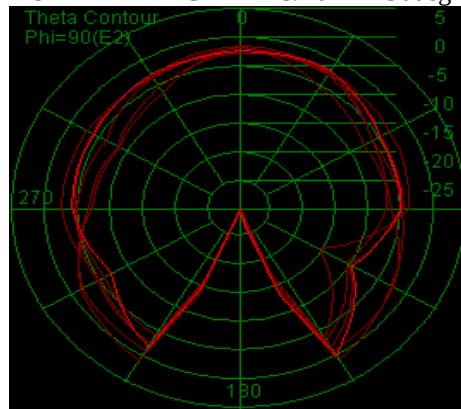
UNFLIP ENDC LTE B5/20 Theta=90deg



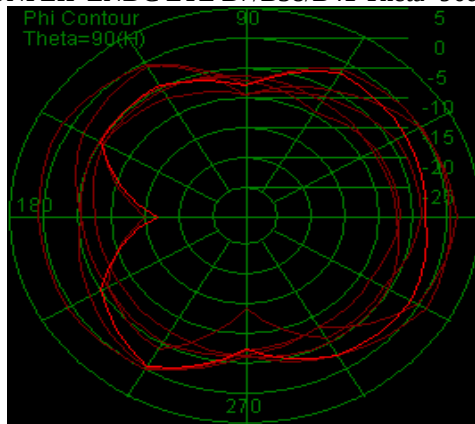
UNFLIP ENDC LTE B5/20 Phi=0deg



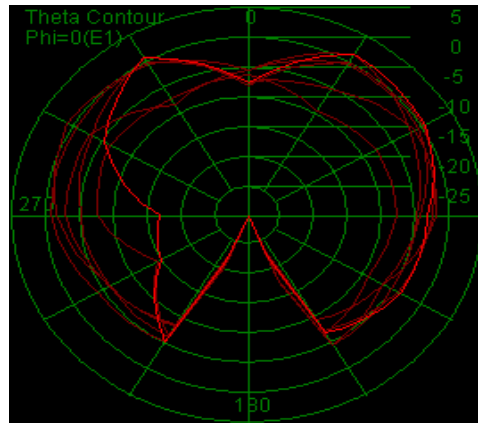
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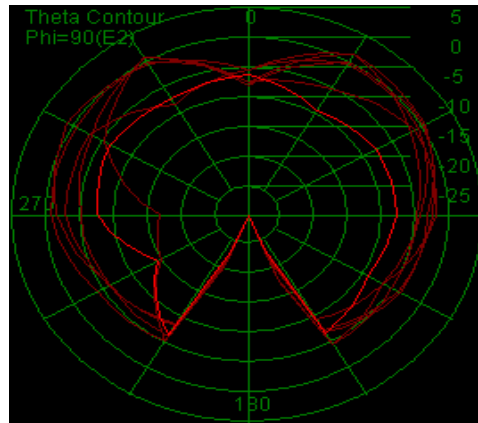
UNFLIP ENDC LTE B7/B38/B41 Theta=90deg



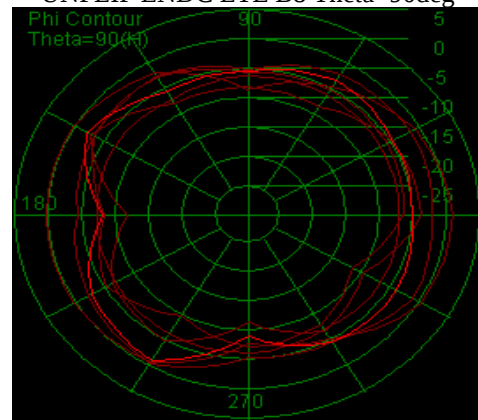
UNFLIP ENDC LTE B7/B38/B41 Phi=0deg



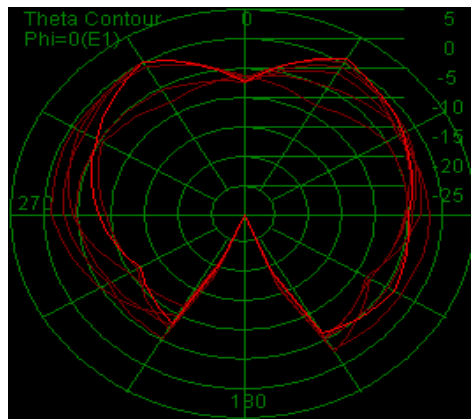
UNFLIP ENDC LTE B7/B38/B41 Phi=90deg



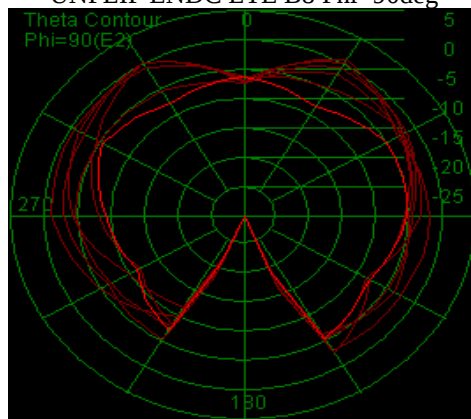
UNFLIP ENDC LTE B8 Theta=90deg



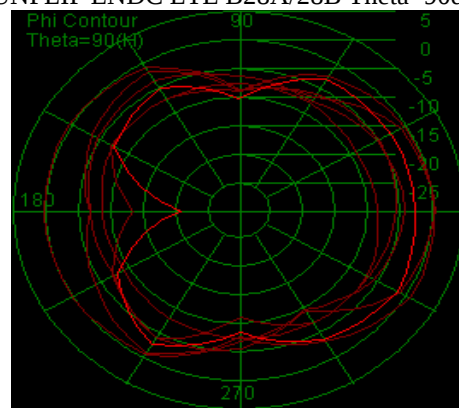
UNFLIP ENDC LTE B8 Phi=0deg



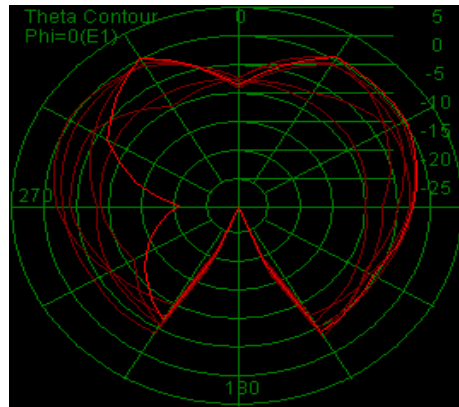
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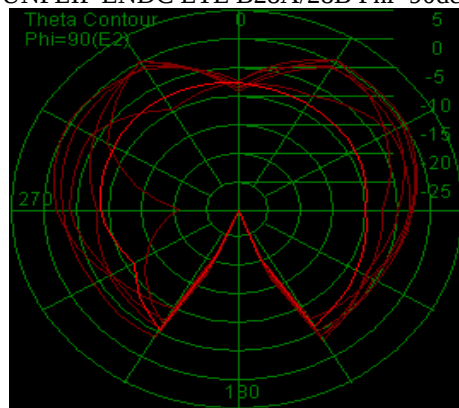
UNFLIP ENDC LTE B28A/28B Theta=90deg



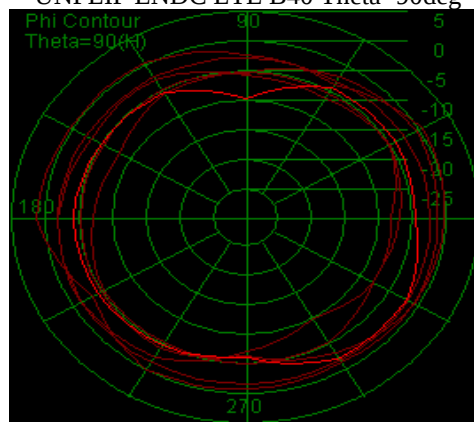
UNFLIP ENDC LTE B28A/28B Phi=0deg



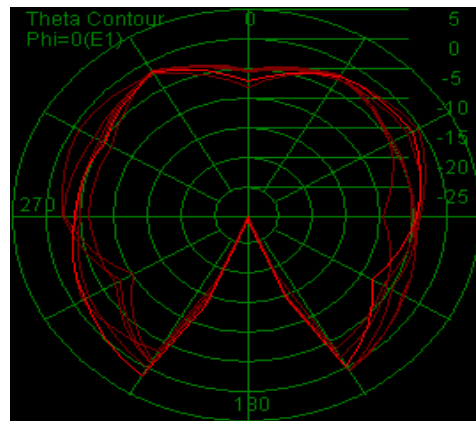
UNFLIP ENDC LTE B28A/28B $\Phi=90^\circ$



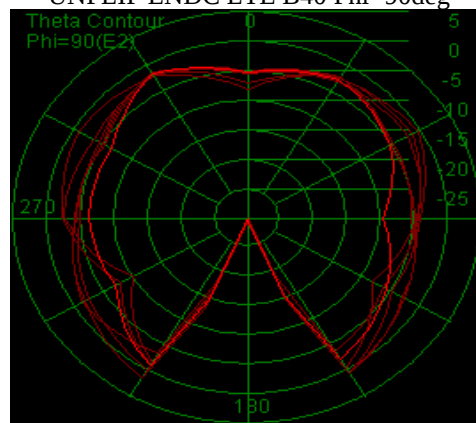
UNFLIP ENDC LTE B40 $\Theta=90^\circ$



UNFLIP ENDC LTE B40 $\Phi=0^\circ$

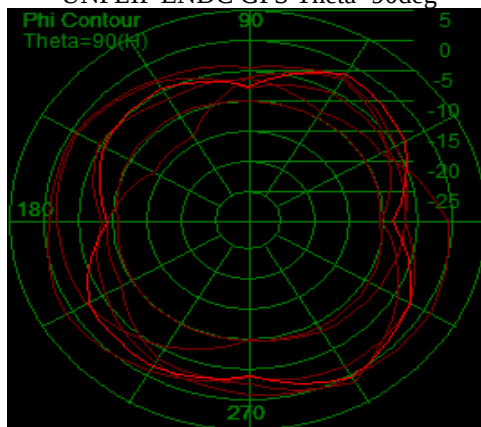


UNFLIP ENDC LTE B40 Phi=90deg

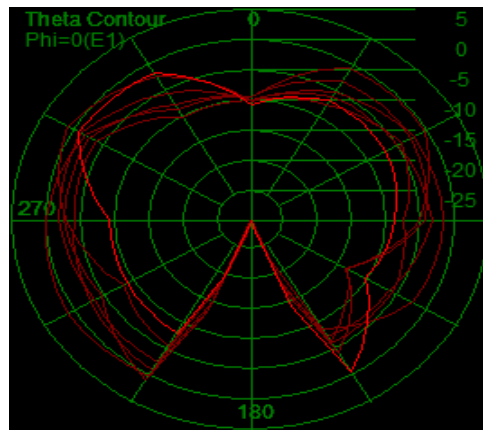


ANT3 UNFLIP

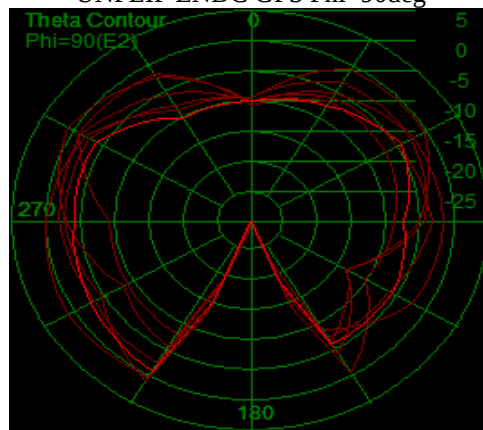
UNFLIP ENDC GPS Theta=90deg



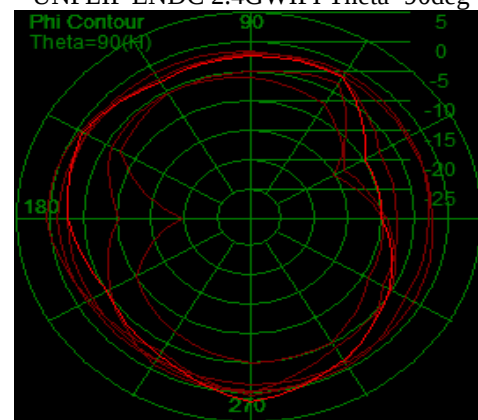
UNFLIP ENDC GPS Phi=0deg



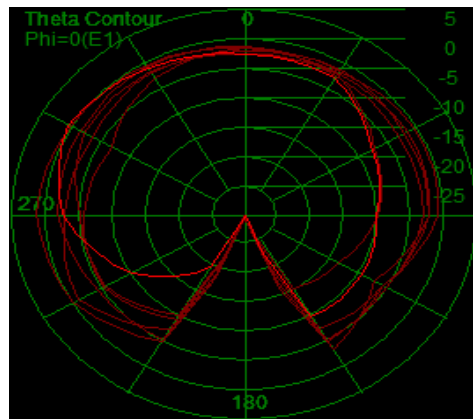
UNFLIP ENDC GPS Phi=90deg



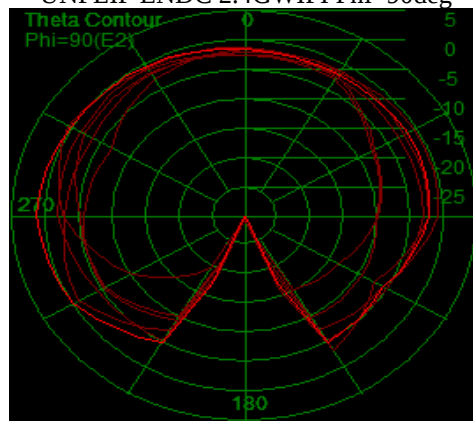
UNFLIP ENDC 2.4GWIFI Theta=90deg



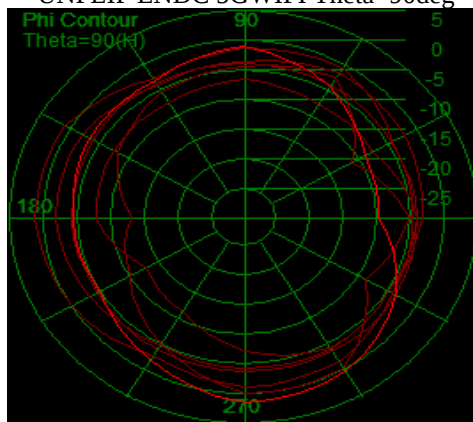
UNFLIP ENDC 2.4GWIFI Phi=0deg



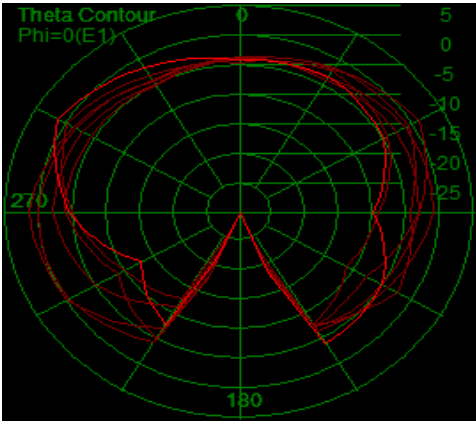
UNFLIP ENDC 2.4GWIFI Phi=90deg



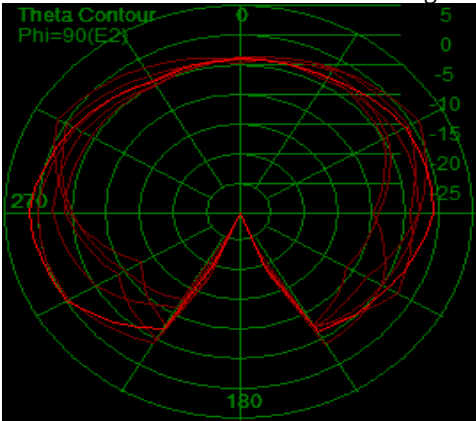
UNFLIP ENDC 5GWIFI Theta=90deg



UNFLIP ENDC 5GWIFI Phi=0deg



UNFLIP ENDC 5GWIFI Phi=90deg



PREPARED BY	CHECKEDBY	APPROVAL BY	S.R.NO	
			DATE:	2024/08/22