



深圳市麒鑫通达科技有限公司

L65E Antenna test data report



L65E-Antenna test data report

Frequency band:

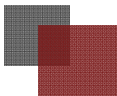
GSM2/3/5/8

W2/4/5/8

FDD-B2/4/5/7/12/17/28/38/66

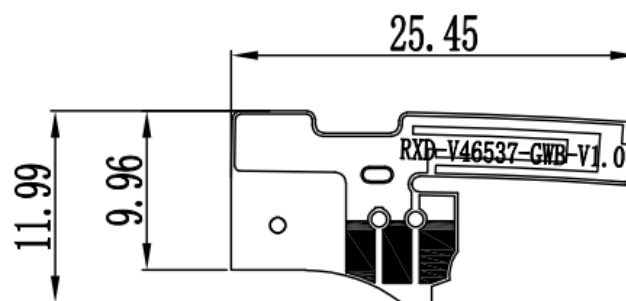
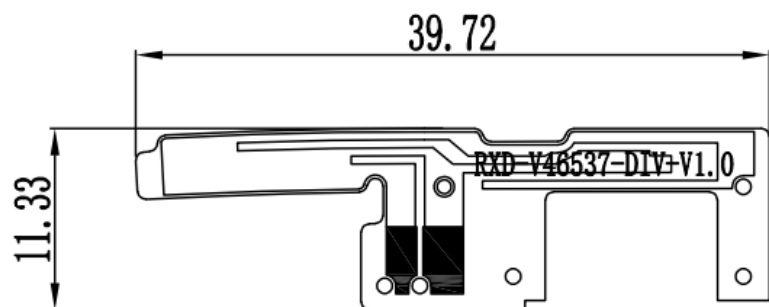
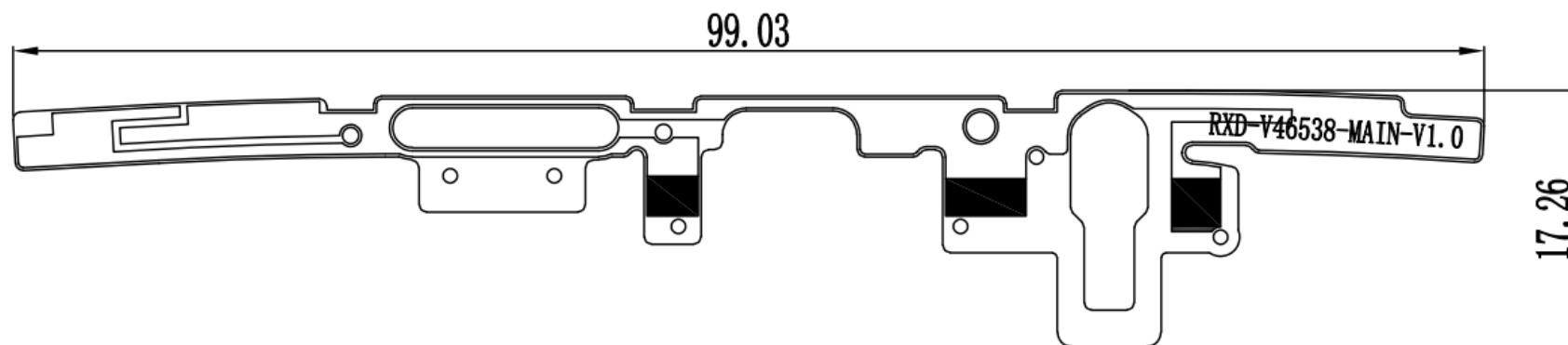
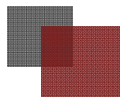
OTA test data

OTA test														
BAND	CHN	TRP	TIS	TIS	BAND	CHN	TRP	TIS	TIS	BAND	CHN	TRP	TIS	TIS
GSM 900	L	25.6	-102.9		DCS 1800	L	24.3	-103.1		GSM 850	L	24.5	-102.8	
	M	26.5	-102.8			M	24.8	-103.3			M	24.8	-102.6	
	H	26.8	-102.5			H	24.2	-103.0			H	25.2	-102.3	
PCS 1900	L	23.2	-102.7		W2	L	16.6	-104.8		W4	L	16.3	-103.7	
	M	23.1	-102.5			M	16.8	-104.9			M	16.5	-103.5	
	H	23.2	-102.2			H	17.0	-104.6			H	16.6	-103.4	
W5	L	16.4	-103.9		W8	L	16.3	-103.6		FDD-B2	L	16.6	-93.9	
	M	16.7	-103.8			M	16.5	-103.3			M	16.8	-93.5	
	H	16.8	-103.5			H	16.6	-103.0			H	16.9	-93.3	
FDD-B4	L	17.1	-93.0		FDD-B5	L	17.1	-93.1		FDD-B7	L	16.8	-92.5	
	M	17.1	-92.9			M	17.2	-92.6			M	17.3	-92.3	
	H	17.2	-92.7			H	17.0	-92.3			H	17.2	-92.0	
FDD-B12	L	16.3	-92.6		FDD-B17	L	16.2	-92.8		FDD-B28	L	16.1	-93.0	
	M	16.5	-92.2			M	16.7	-92.5			M	16.8	-92.8	
	H	16.8	-91.8			H	16.8	-92.2			H	17.5	-92.6	
FDD-B66	L	16.6	-92.8		TDD-B38	L	16.5	-92.5						
	M	17.0	-92.6			M	17.0	-92.2						
	H	17.2	-92.5			H	16.6	-92.1						



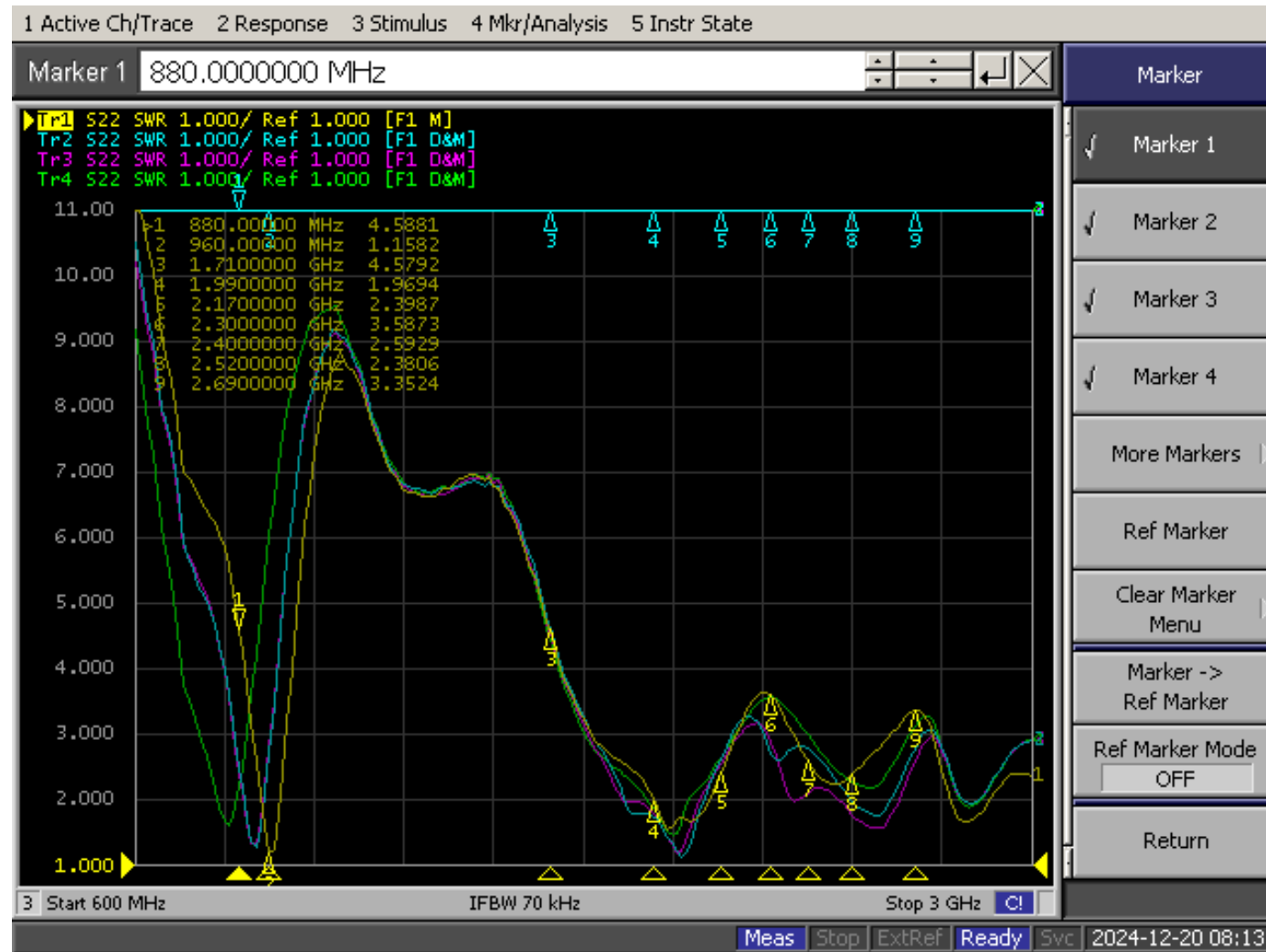
WIFI测试

			WIFI test				
		WIFI test data (802.11b)			WIFI test data (802.11a)		
channel		1	6	11	36	64	149
TRP(dBm)		10.6	11.1	11.2	8.6	7.8	7.2
TIS(dBm)				-80.8			-65.3



Main Antenna:

VSWR:



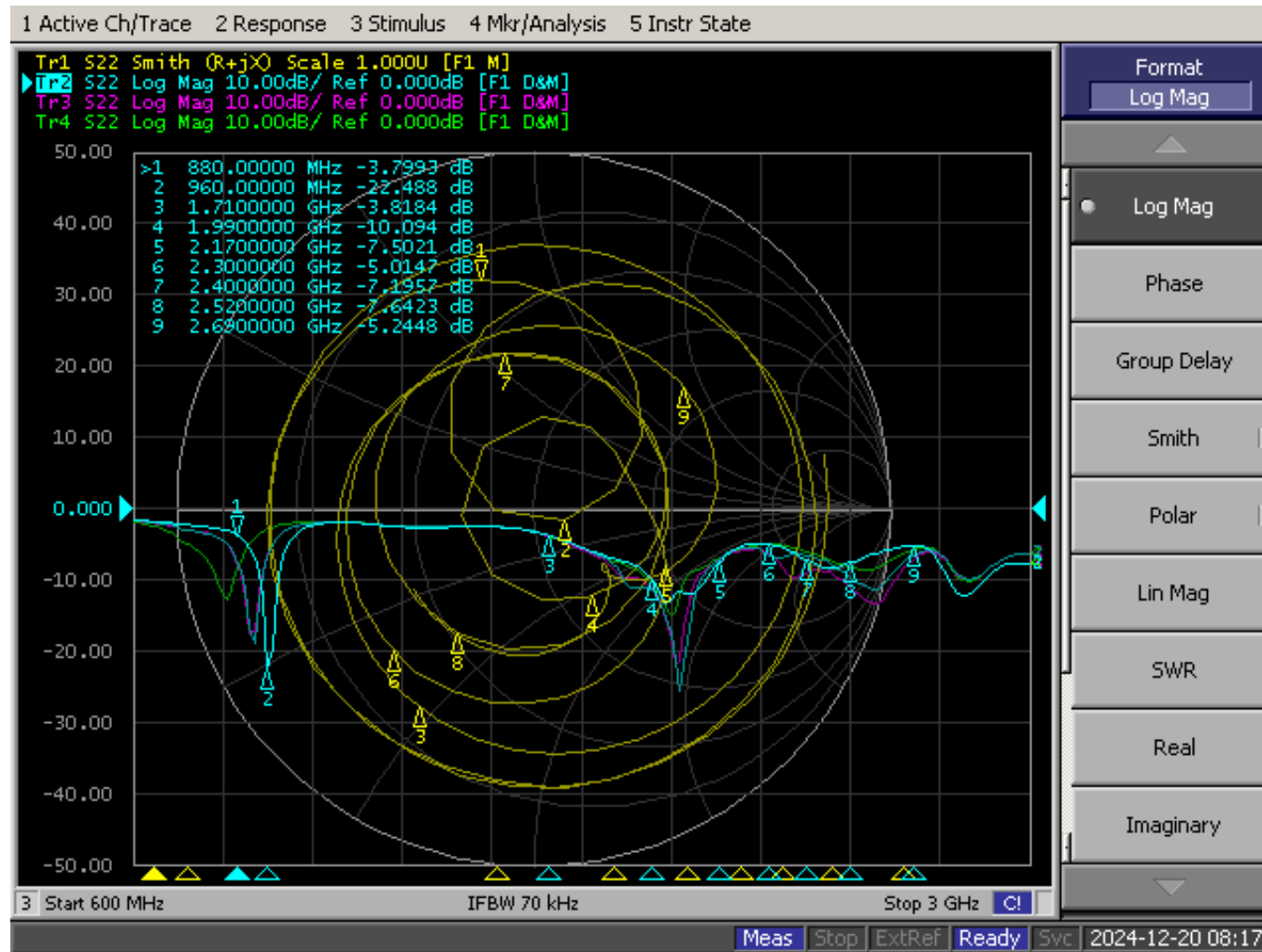
Main Antenna:

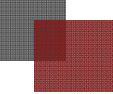
RL:



Main Antenna:

SMITH:





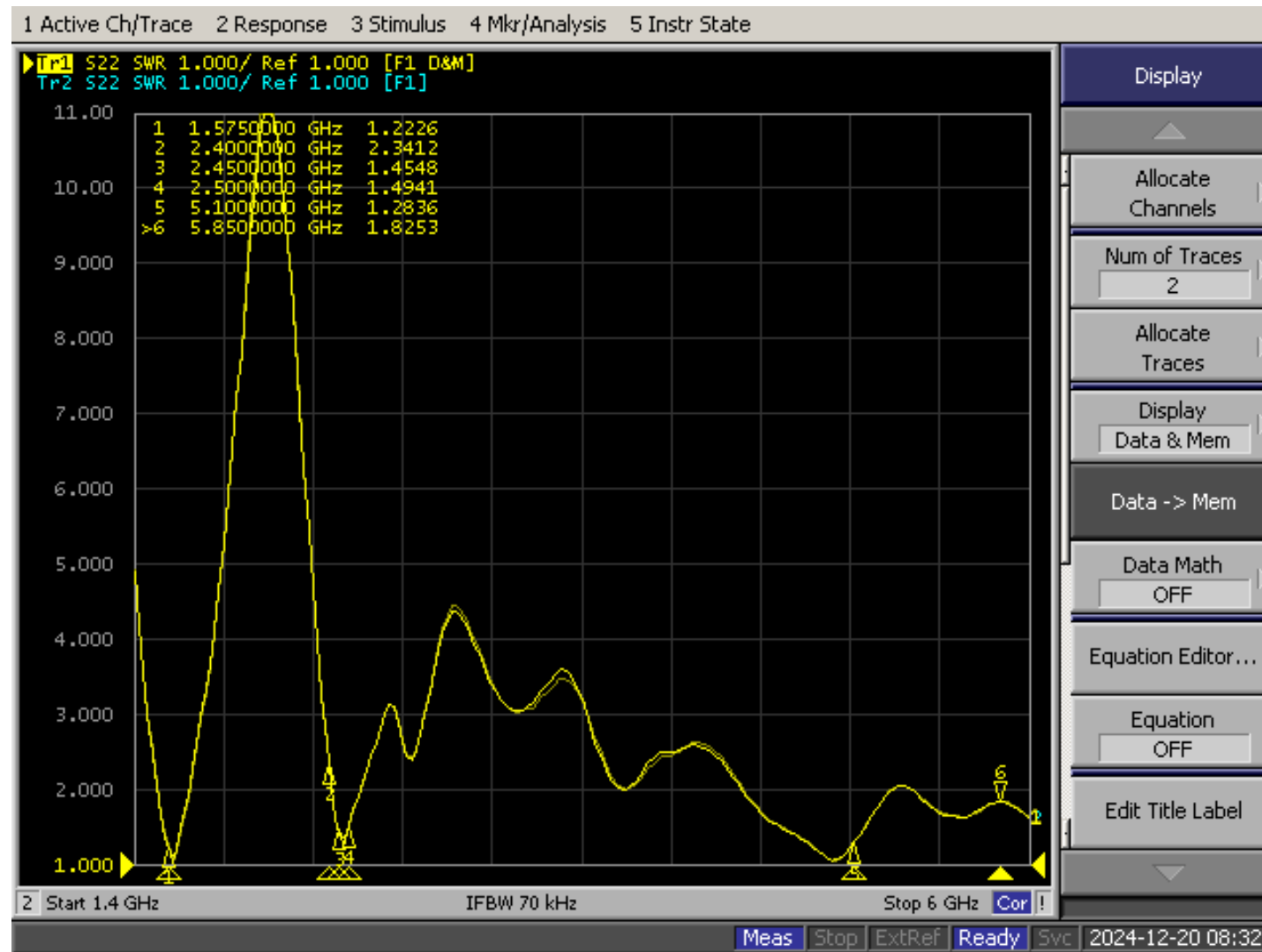
Main Antenna:

Max gain of main antenna:

GSM850 (824-894MHZ)	-2.23
GSM900 (880-960MHZ)	-1.36
DCS1800 (1710-1880MHZ)	0.79
PCS1900 (1850-1990MHZ)	1.03
WCDMA2(1850-1990MHZ)	1.03
WCDMA4(1710-2152MHZ)	0.79
WCDMA5 (824-894MHZ)	-2.23
WCDMA8 (880-960MHZ)	-1.36
LTE-B2 (1850-1990MHZ)	1.03
LTE-B4 (1710-2155MHZ)	0.79
LTE-B5 (824-894MHZ)	-2.23
LTE-B7 (2500-2690MHZ)	1.30
LTE-B12 (699-746MHZ)	-2.83
LTE-B17 (704-746MHZ)	-2.83
LTE-B28 (703-803MHZ)	-2.83
LTE-B38 (2570-2620MHZ)	1.30
LTE-B66 (1710-2200MHZ)	0.79

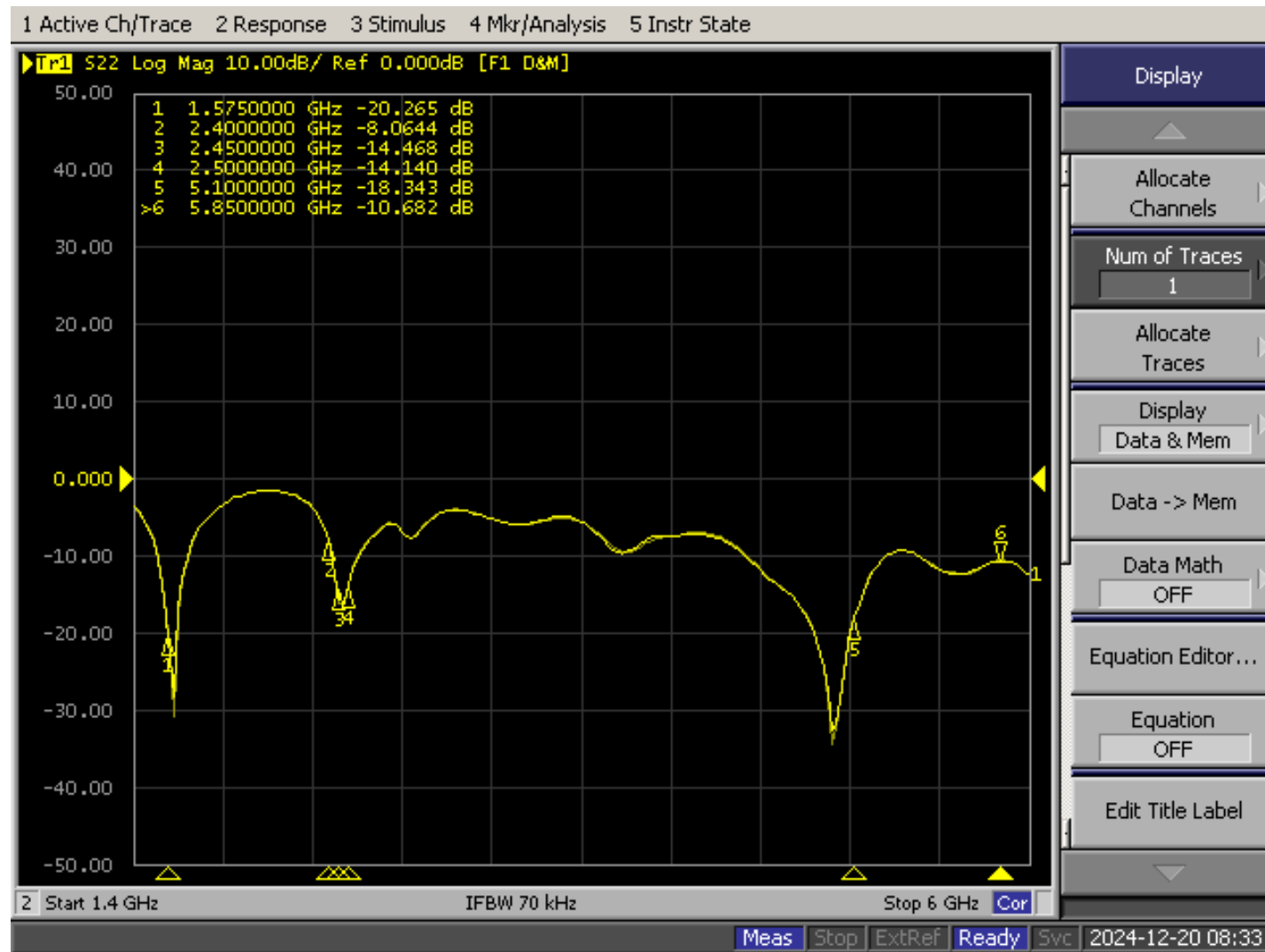
GPS/BT/WIFI Antenna

VSWR:



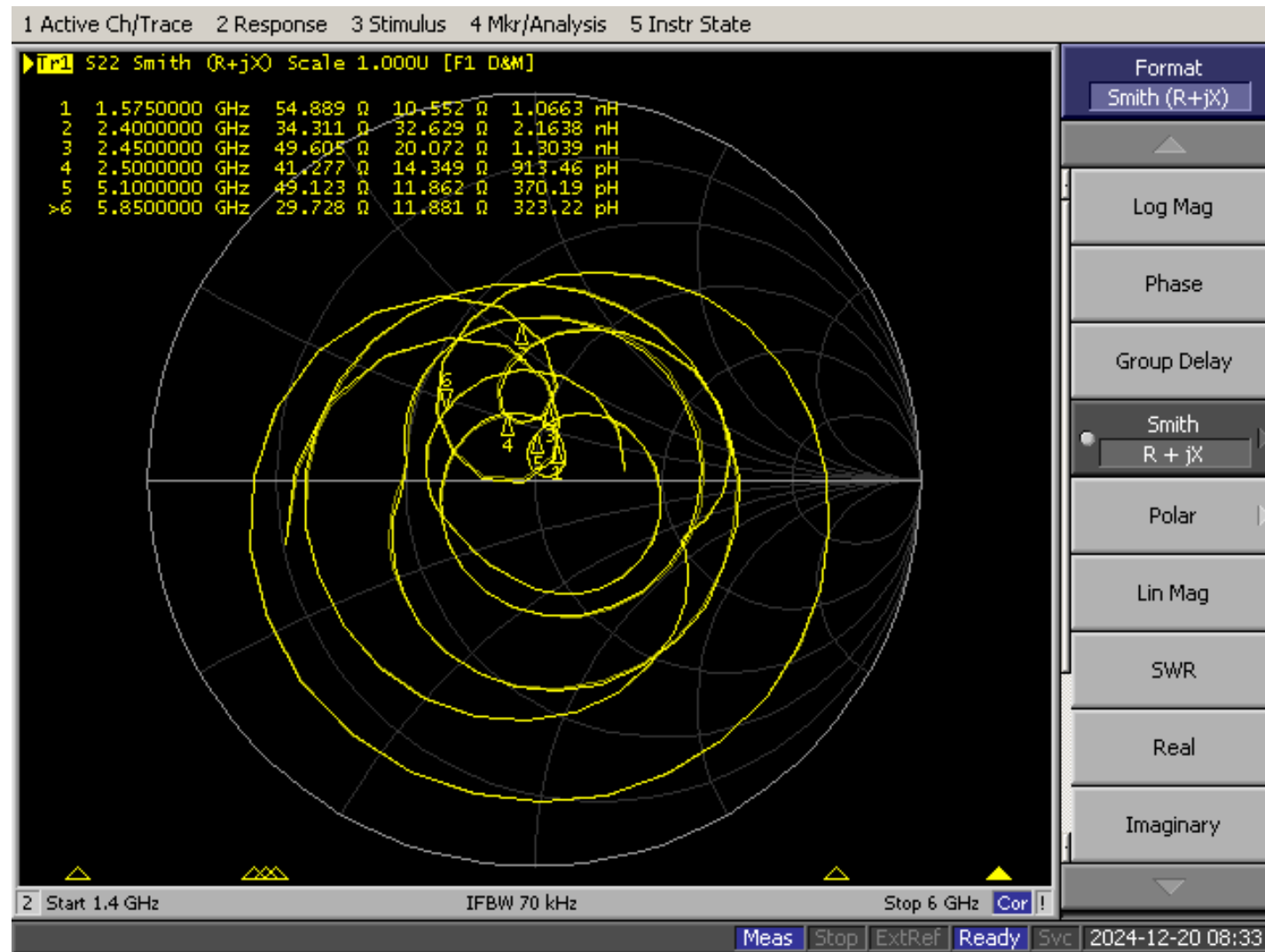
GPS/BT/WIFI Antenna

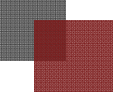
RL:



GPS/BT/WIFI Antenna

SMITH:



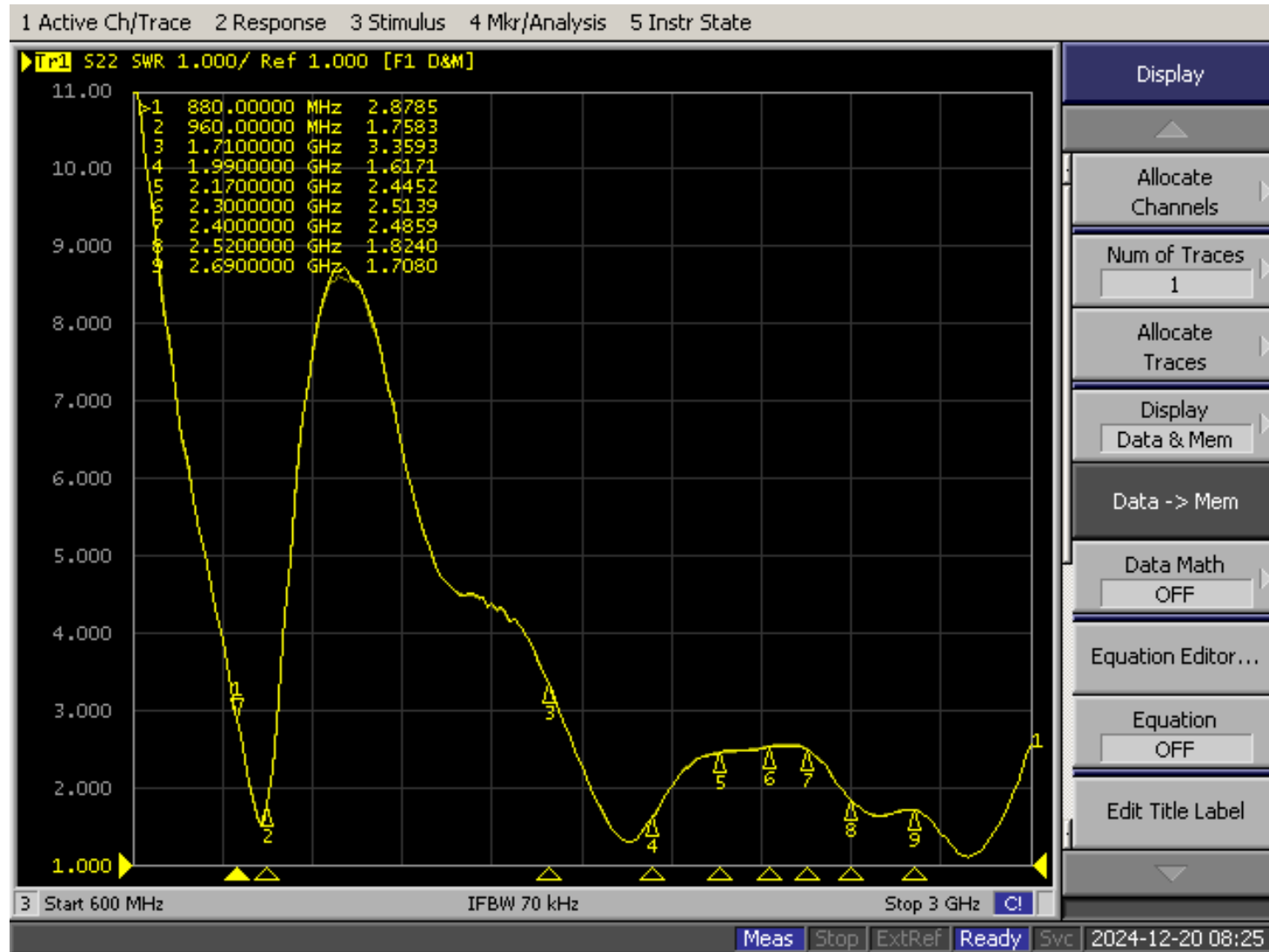


MAX gain about GPS/BT/WIFI antenna:

Bluetooth (2400-2483.5MHZ)	0.65
WIFI-2.4G (2400-2495MHZ)	0.65
WIFI-5.2G (5.17-5.33GHZ)	0.32
WIFI-5.8G (5.490-5.835GHZ)	-0.48
GPS (1575.4MHZ)	0.78

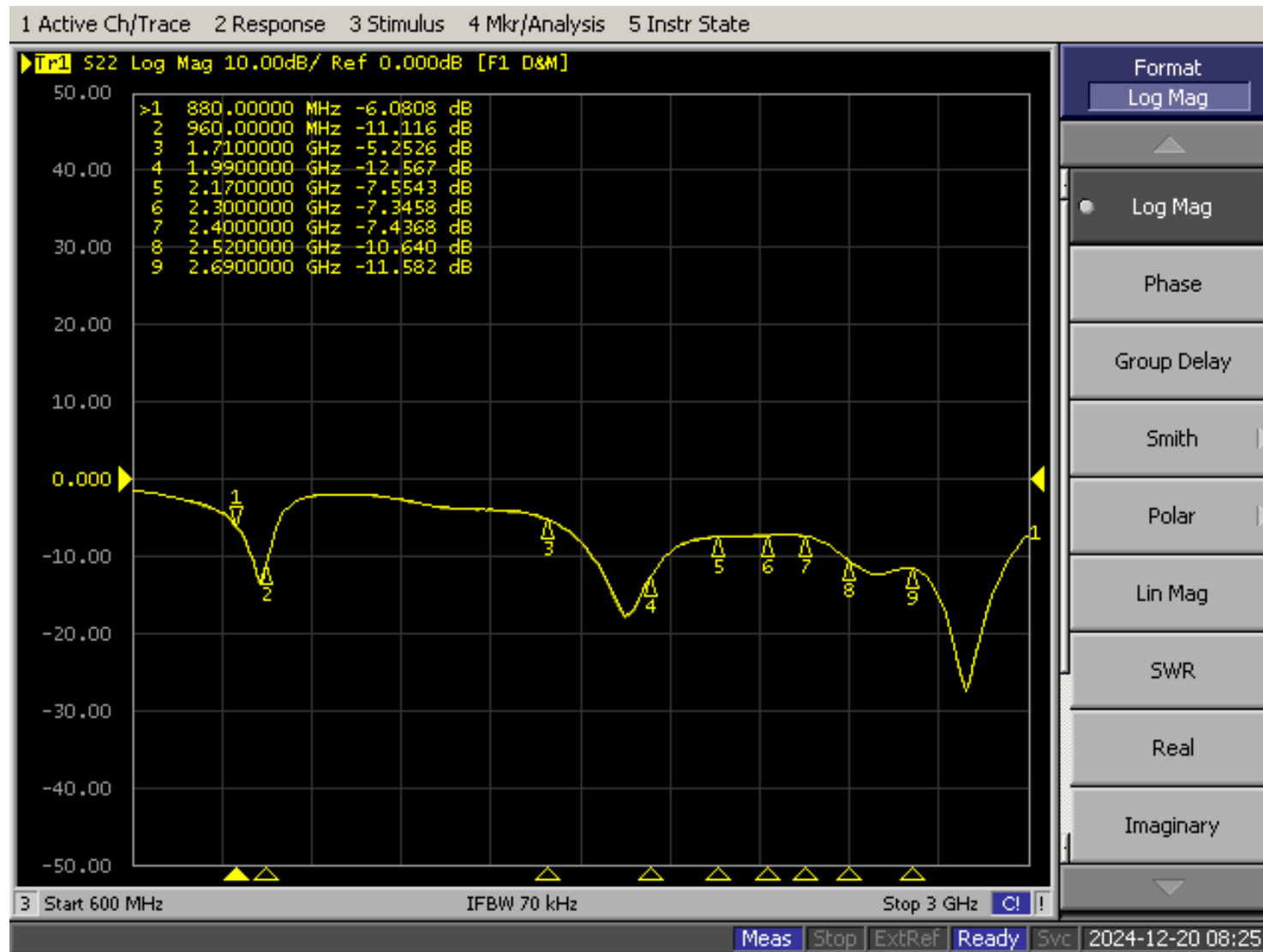
DIV Antenna

VSWR:



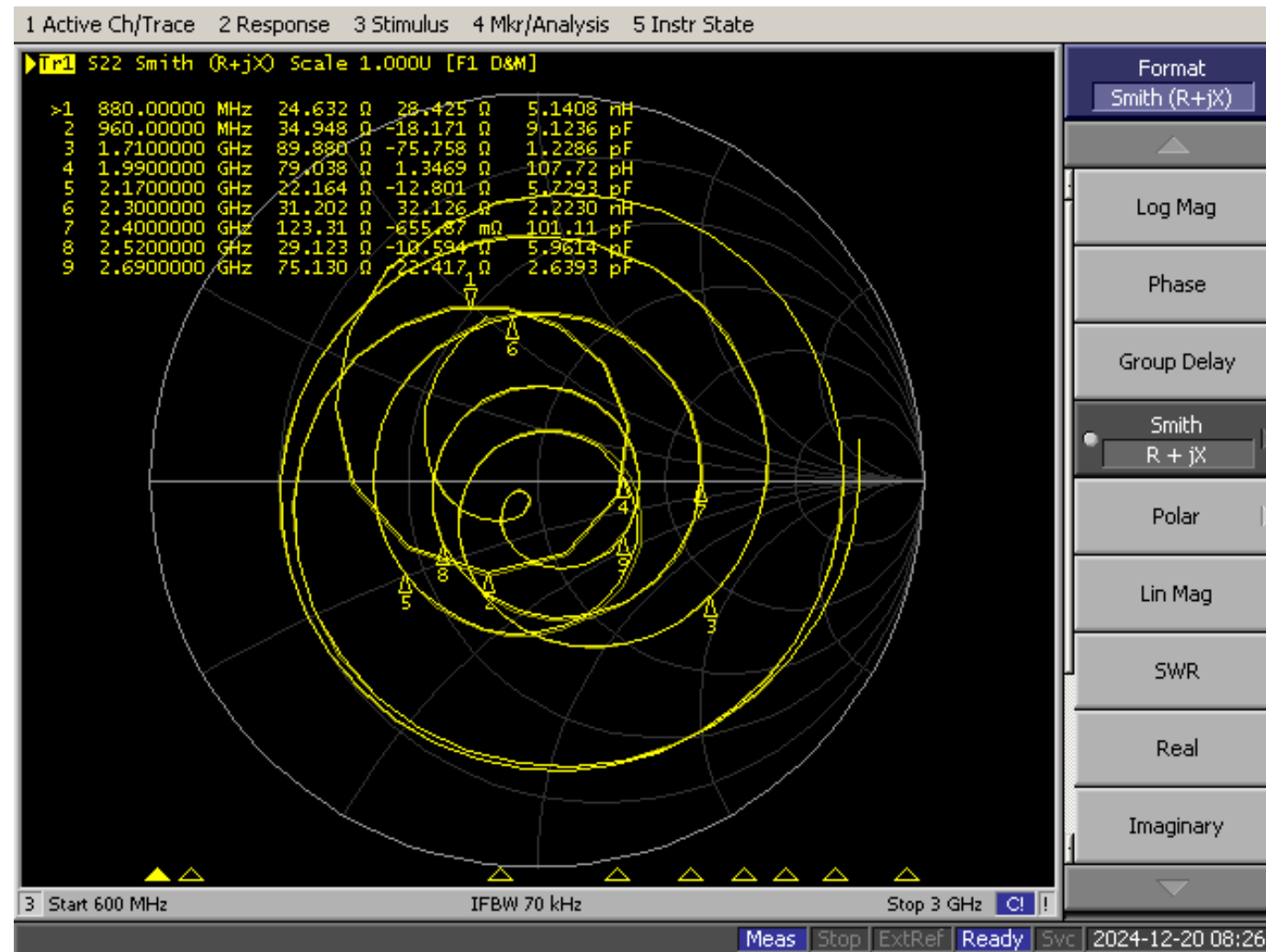
DIV Antenna

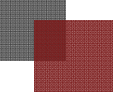
RL:



DIV Antenna

SMITH:





DIV antenna:

GSM850 (824-894MHZ)	-3.56
GSM900 (880-960MHZ)	-2.58
DCS1800 (1710-1880MHZ)	0.91
PCS1900 (1850-1990MHZ)	1.22
WCDMA2(1850-1990MHZ)	1.22
WCDMA4(1710-2152MHZ)	0.91
WCDMA5 (824-894MHZ)	-3.56
WCDMA8 (880-960MHZ)	-2.58
LTE-B2 (1850-1990MHZ)	1.22
LTE-B4 (1710-2155MHZ)	0.91
LTE-B5 (824-894MHZ)	-3.56
LTE-B7 (2500-2690MHZ)	1.45
LTE-B12 (699-746MHZ)	-5.16
LTE-B17 (704-746MHZ)	-5.16
LTE-B28 (703-803MHZ)	-5.16
LTE-B38 (2570-2620MHZ)	1.45
LTE-B66 (1710-2200MHZ)	0.91

