Outdoor Omni 900Mhz Band Antenna

MODEL: TH-885C

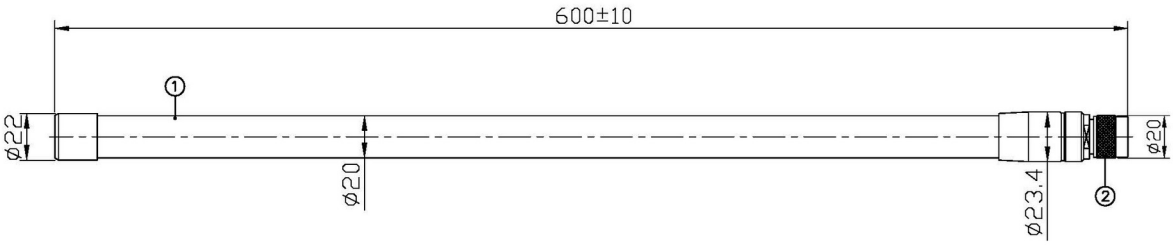
1. Specifications:

Frequency range:	**824~960Mhz**
Gain:	**5dBi**
V.S.W.R:	**2.0**
Impedence:	**50 ohm**
Connector:	**N Type male**
Dimension:	**600mm +/-10 x OD22.5mm**
Weight:	**0.25Kg**
Polarization :	**vertical**
Power handling :	**100W**
Materials :	**Fiberglass & copper**
Colour :	**White**
Rated wind velocity :	**60m/s**
Working Temperature :	**-40~60℃**
Lightning Protection :	**Direct Ground**

* This specification is subject to change without prior notice

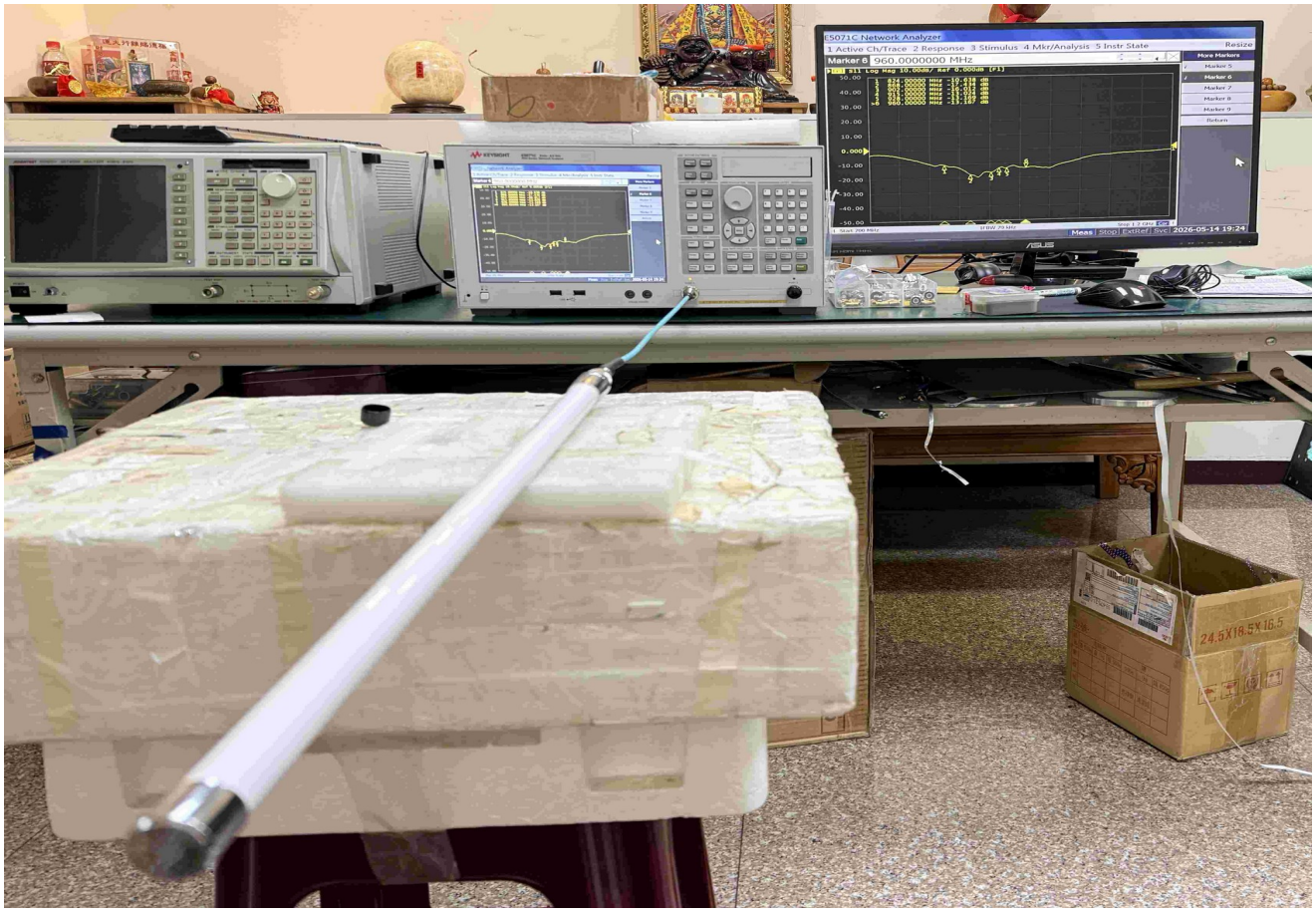
2.APPEARANCE:

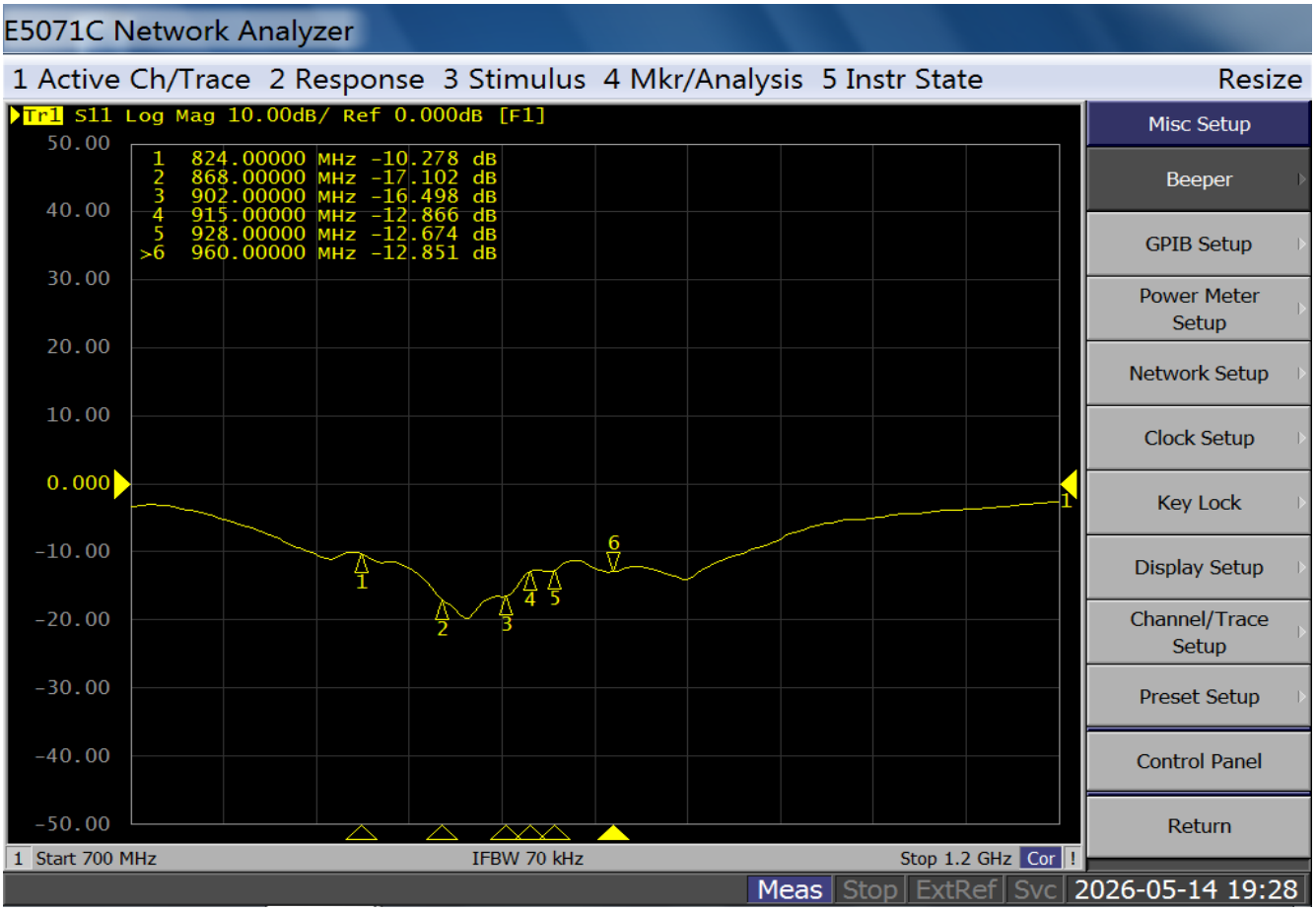
NO.	NAME	FINISH	Q, TY
01	Antenna	White	01
02	N(Male)	Nickel plating	01

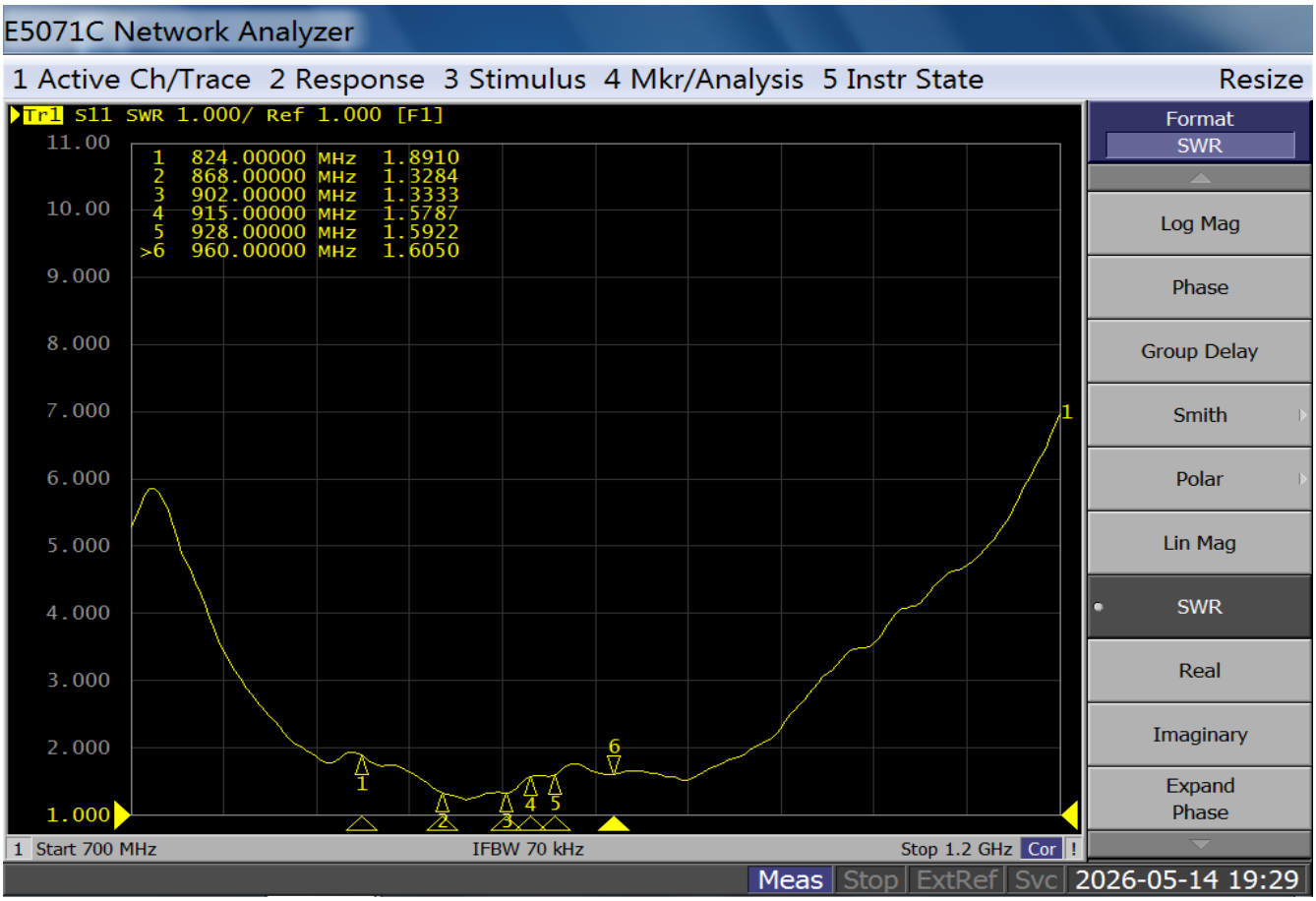


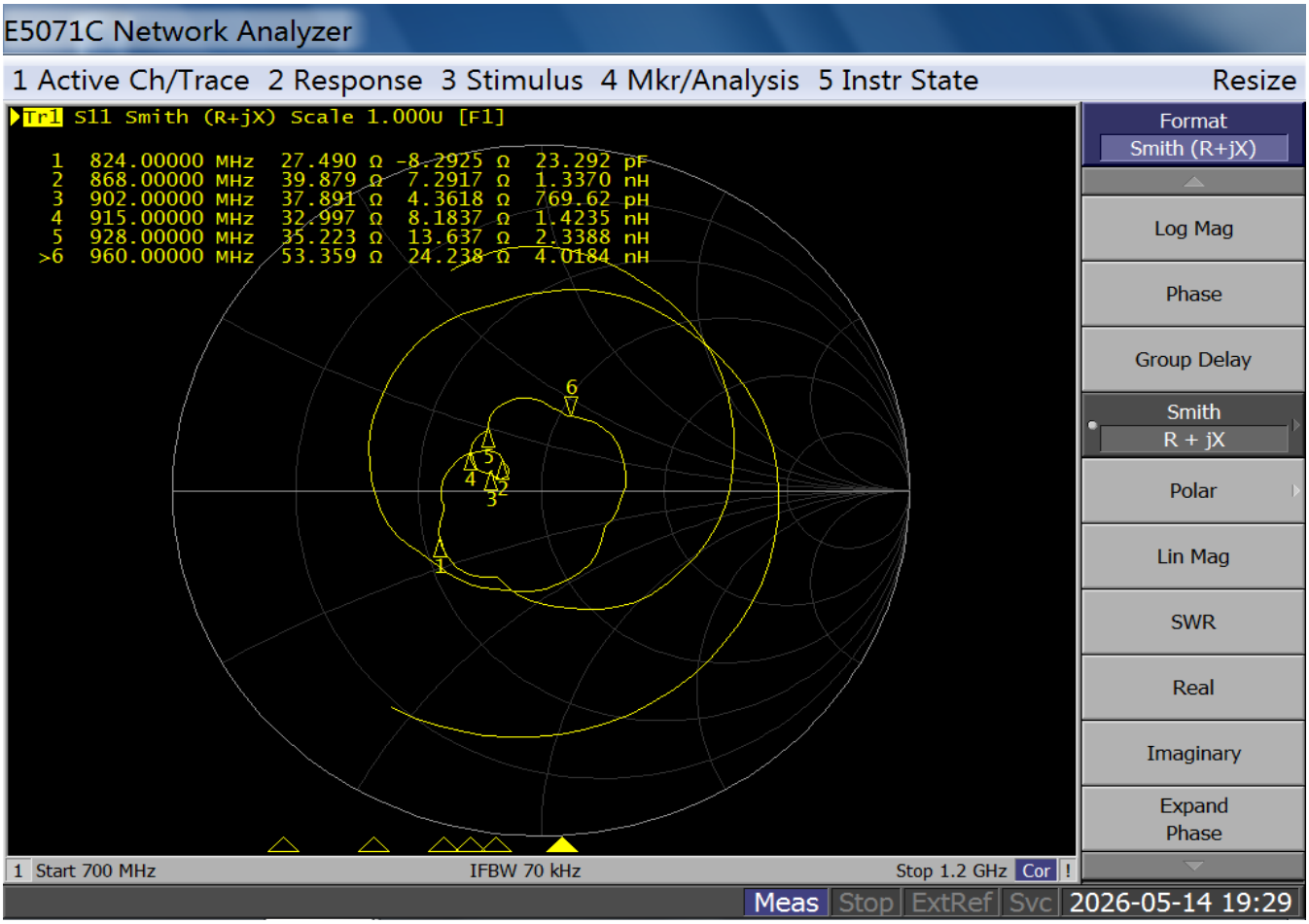
Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
				824-960MHz	M/M		20260420	1
	TOLERANCE	X.XX±0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS	S	APPEARANCE					

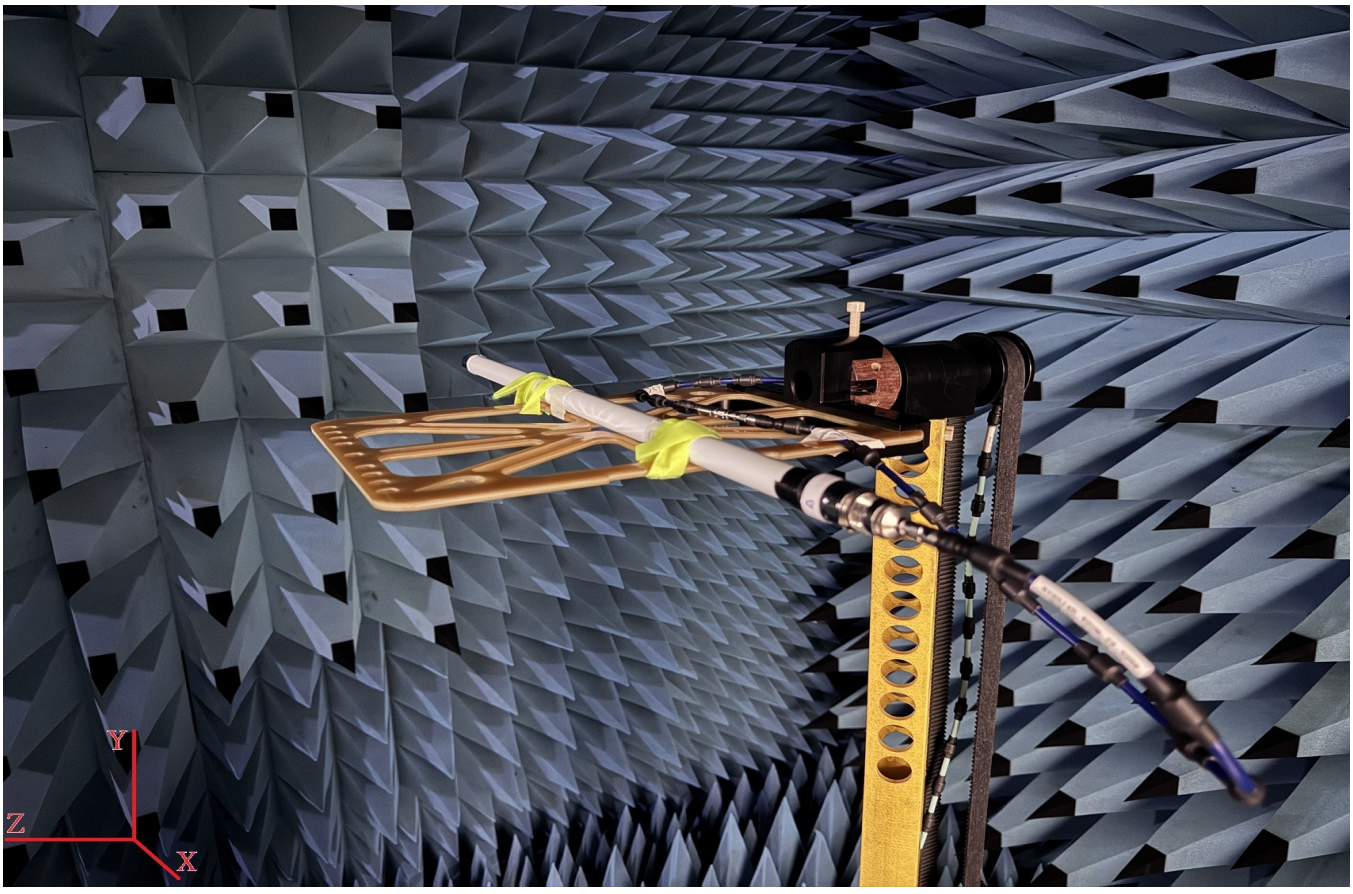
3. FREQUENCY:



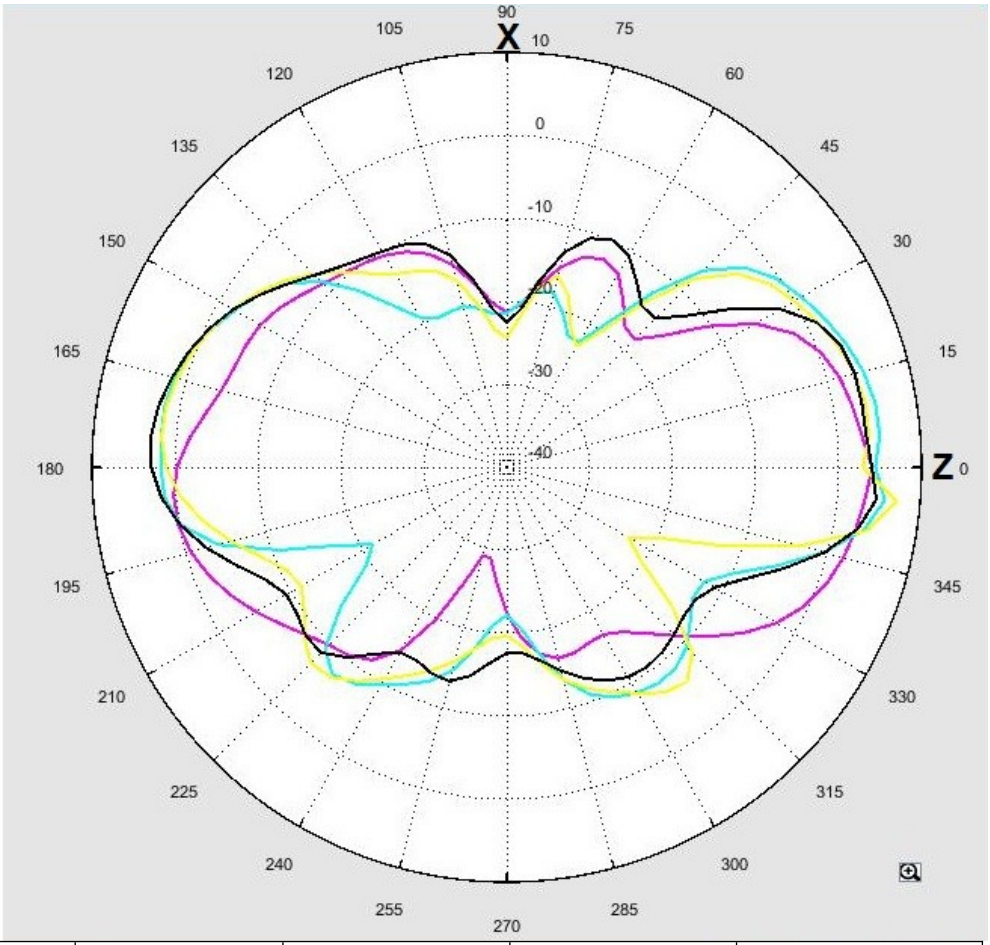

E5071C Network Analyzer
1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State
Resize
Tr1 S11 Log Mag 10.00dB/ Ref 0.000dB [F1]
1 824.00000 MHz -10.278 dB
2 868.00000 MHz -17.102 dB
3 902.00000 MHz -16.498 dB
4 915.00000 MHz -12.866 dB
5 928.00000 MHz -12.674 dB
>6 960.00000 MHz -12.851 dB
50.00
40.00
30.00
20.00
10.00
0.000
-10.00
-20.00
-30.00
-40.00
-50.00
1 Start 700 MHz
IFBW 70 kHz
Stop 1.2 GHz
Cor
Misc Setup
Beeper
GPIB Setup
Power Meter Setup
Network Setup
Clock Setup
Key Lock
Display Setup
Channel/Trace Setup
Preset Setup
Control Panel
Return
Meas
Stop
ExtRef
Svc
2026-05-14 19:28


E5071C Network Analyzer
1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State
Resize
Tr1 S11 SWR 1.000/ Ref 1.000 [F1]
1 824.00000 MHz 1.8910
2 868.00000 MHz 1.3284
3 902.00000 MHz 1.3333
4 915.00000 MHz 1.5787
5 928.00000 MHz 1.5922
>6 960.00000 MHz 1.6050
11.00
10.00
9.000
8.000
7.000
6.000
5.000
4.000
3.000
2.000
1.000
1 Start 700 MHz
IFBW 70 kHz
Stop 1.2 GHz
Cor
Format
SWR
Log Mag
Phase
Group Delay
Smith
Polar
Lin Mag
SWR
Real
Imaginary
Expand Phase
Meas
Stop
ExtRef
Svc
2026-05-14 19:29


E5071C Network Analyzer
1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State
Resize
Tr1 S11 Smith (R+jX) Scale 1.000U [F1]
1 824.00000 MHz 27.490 Ω -8.2925 Ω 23.292 pF
2 868.00000 MHz 39.879 Ω 7.2917 Ω 1.3370 nH
3 902.00000 MHz 37.891 Ω 4.3618 Ω 769.62 pH
4 915.00000 MHz 32.997 Ω 8.1837 Ω 1.4235 nH
5 928.00000 MHz 35.223 Ω 13.637 Ω 2.3388 nH
>6 960.00000 MHz 53.359 Ω 24.238 Ω 4.0184 nH
Format
Smith (R+jX)
Log Mag
Phase
Group Delay
Smith
R + jX
Polar
Lin Mag
SWR
Real
Imaginary
Expand
Phase
1 Start 700 MHz
IFBW 70 kHz
Stop 1.2 GHz
Cor
Meas
Stop
ExtRef
Svc
2026-05-14 19:29

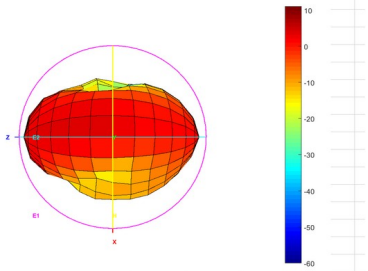

Y
Z
X

Freq. / Chan.	Color
868MHz	
915MHz	
960MHz	

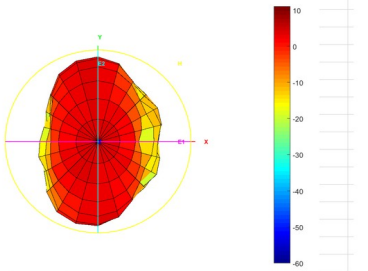


Frequency	**824MHz**	**868MHz**	**915MHz**	**960MHz**
Horizontal+Vertical				
Efficiency (%)	63.24	65.61	56.75	72.78
Gain (dBi)	4.34	4.89	4.12	5.12
Horizontal				
H Efficiency (%)	10.26	13.12	10.38	10.54
H Gain (dBi)	4.05	4.48	3.41	4.01
Vertical				
V Efficiency (%)	52.97	52.48	46.34	62.23
V Gain (dBi)	3.83	4.35	3.86	5.12

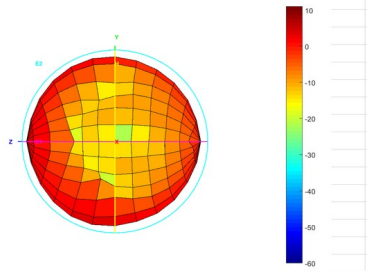
Total_3D_Top View_824MHz



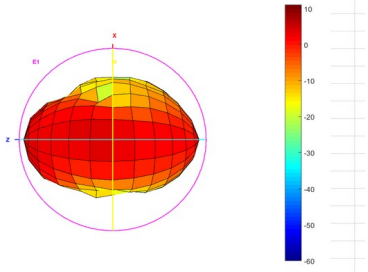
Total_3D_Front View_824MHz



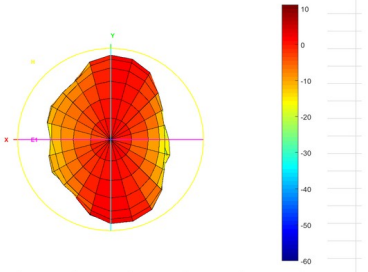
Total_3D_Left View_824MHz



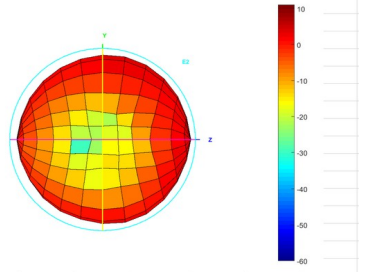
Total_3D_Bottom View_824MHz



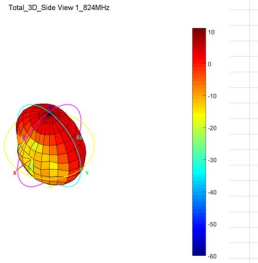
Total_3D_Back View_824MHz



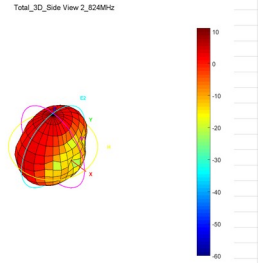
Total_3D_Right View_824MHz



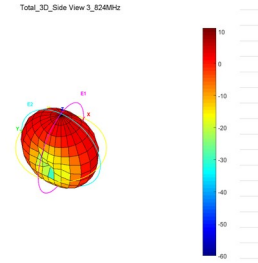
Total_3D_Side View 1_824MHz



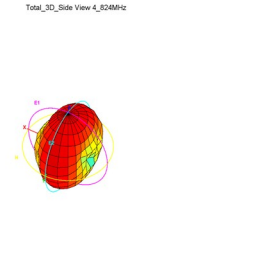
Total_3D_Side View 2_824MHz



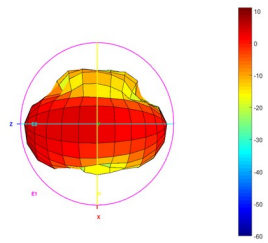
Total_3D_Side View 3_824MHz



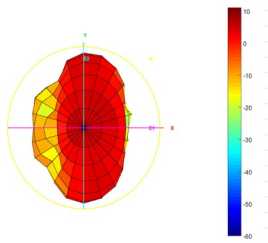
Total_3D_Side View 4_824MHz



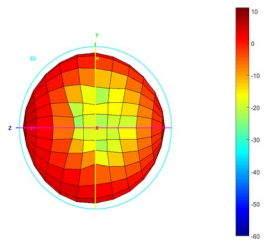
Total_3D_Top View_868MHz



Total_3D_Front View_868MHz



Total_3D_Left View_868MHz

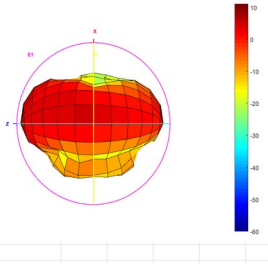


Total_3D_Bottom View_868MHz

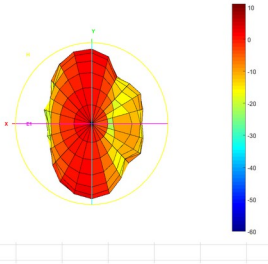
Total_3D_Back View_868MHz

Total_3D_Right View_868MHz

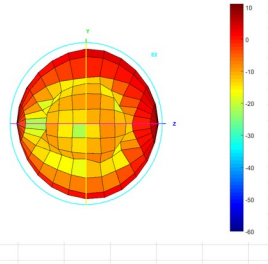
Total_3D_Bottom View_868MHz



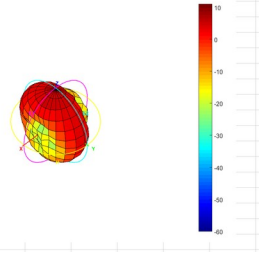
Total_3D_Back View_868MHz



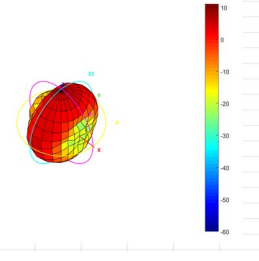
Total_3D_Right View_868MHz



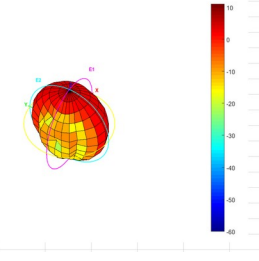
Total_3D_Side View 1_868MHz



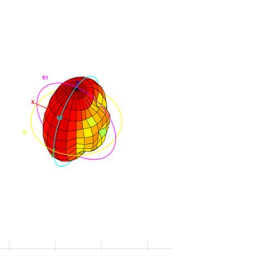
Total_3D_Side View 2_868MHz



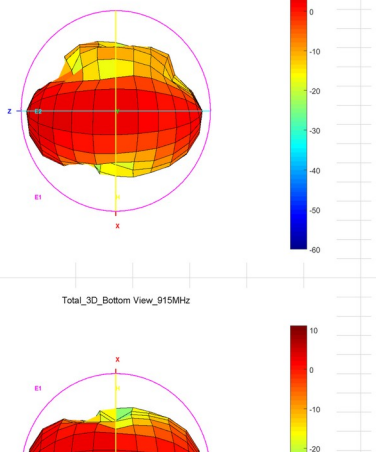
Total_3D_Side View 3_868MHz



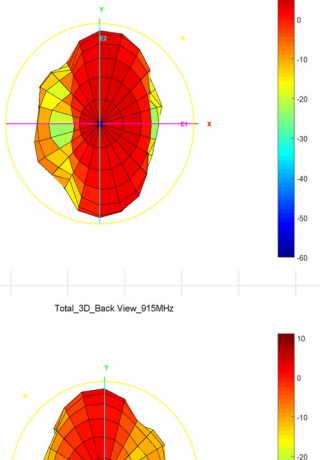
Total_3D_Side View 4_868MHz



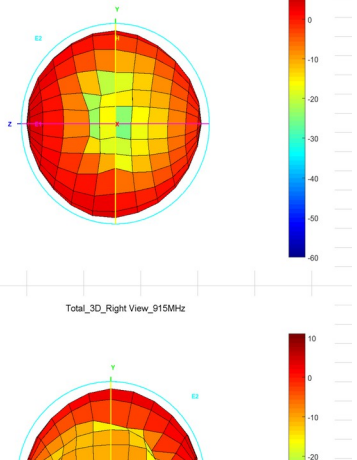
Total_3D_Top View_915MHz



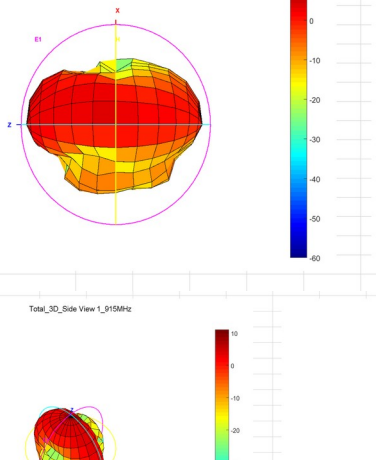
Total_3D_Front View_915MHz



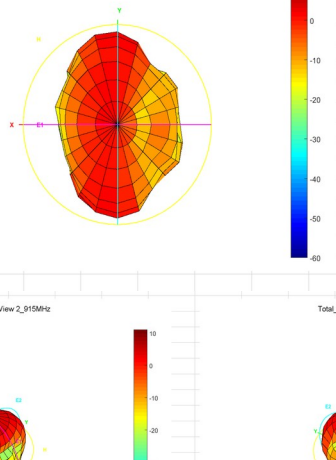
Total_3D_Left View_915MHz



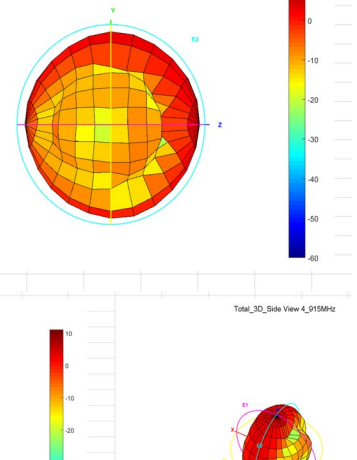
Total_3D_Bottom View_915MHz



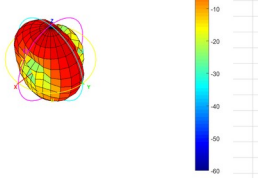
Total_3D_Back View_915MHz



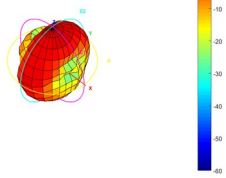
Total_3D_Right View_915MHz



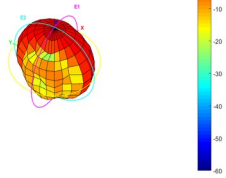
Total_3D_Side View 1_915MHz



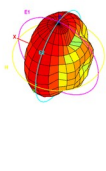
Total_3D_Side View 2_915MHz



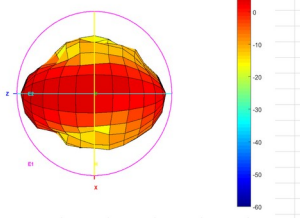
Total_3D_Side View 3_915MHz



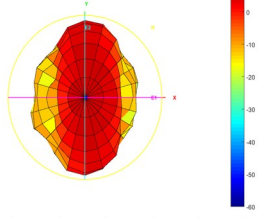
Total_3D_Side View 4_915MHz



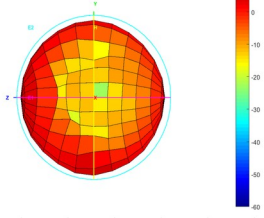
Total_3D_Top View_960MHz



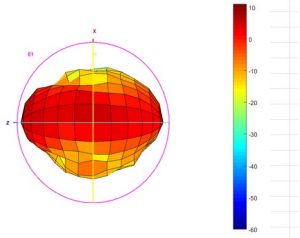
Total_3D_Front View_960MHz



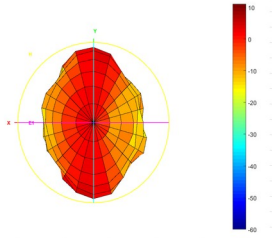
Total_3D_Left View_960MHz



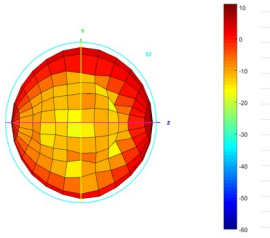
Total_3D_Bottom View_960MHz



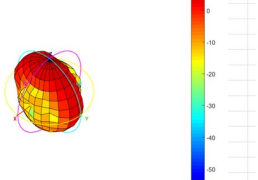
Total_3D_Back View_960MHz



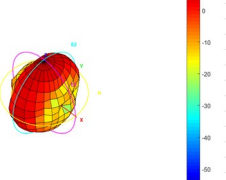
Total_3D_Right View_960MHz



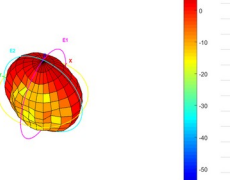
Total_3D_Side View 1_960MHz



Total_3D_Side View 2_960MHz



Total_3D_Side View 3_960MHz



Total_3D_Side View 4_960MHz