



CONNECT, COMBINE, CUSTOMIZE

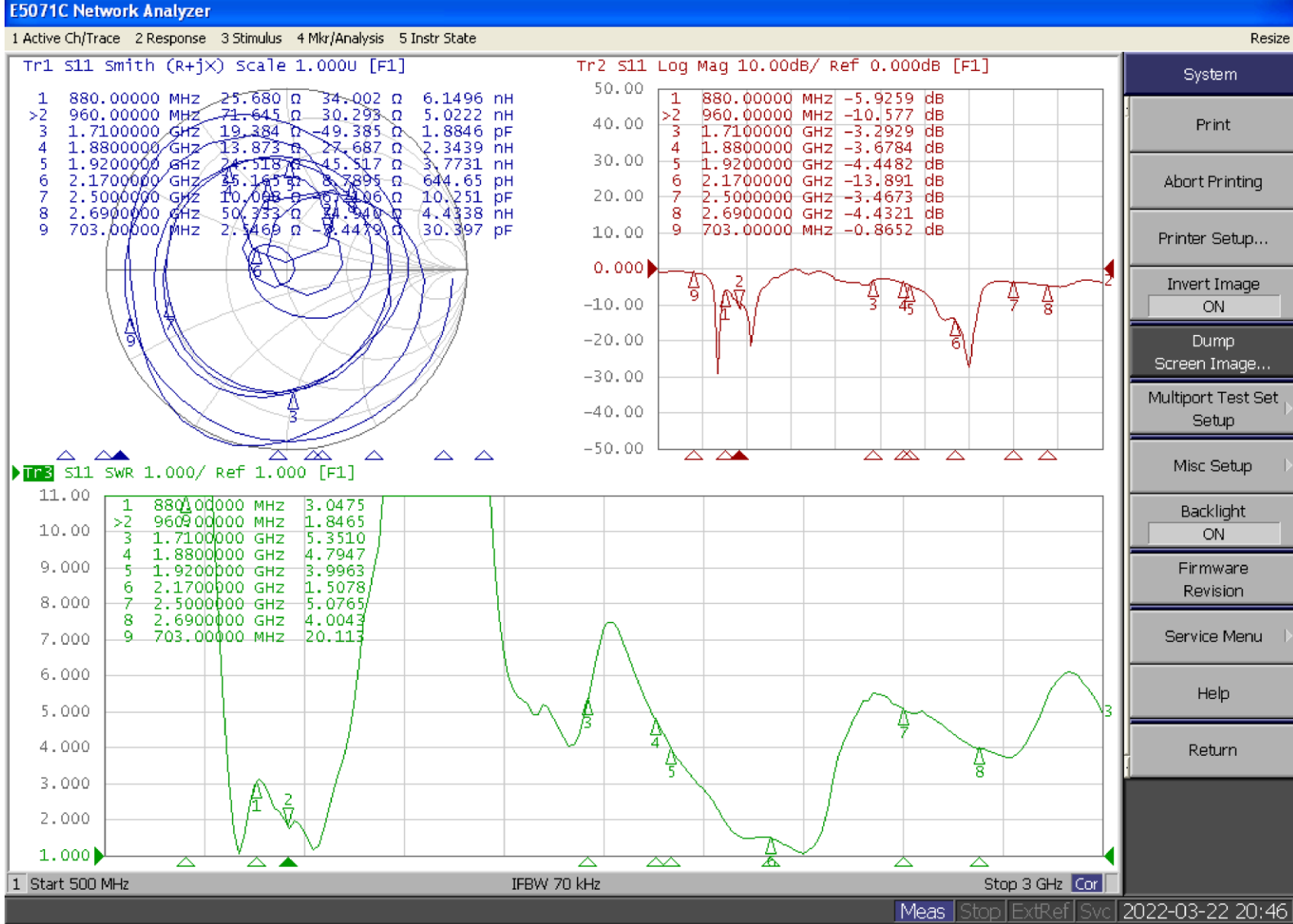
ELICIT-ANT1 측정자료

900MHz 대역 Monopole 안테나





Electrical specifications		Mechanical specifications	
Frequency range(MHz)	900-960 MHz	connector	SMA
Impedance	50 Ω	Color	Black
V.S.W.R	≤1.5	Material	rubber duck material
Gain	2.5 DBI	Antenna Length (mm)	107±2MM
Polarization type	Vertical	Working Temp(°C)	-30°C~+85°C
Power Capacity (w)	50W	Weight (g)	10±2g



안테나 방사 특성(940~942MHz)

Summary

Multiple Frequency

Multiple Cut

3D-View

Reserved

No.	Freq.	PwrSurr				H(Theta=)				E1(Phi=0)				E2(Phi=90)				
		Eff.[%]	Avg.[dBi]	Peak[dBi]	Theta[deg]	Phi[deg]	Avg.[dBi]	Peak[dBi]	Phi[deg]	BW[deg]	Avg.[dBi]	Peak[dBi]	Theta[deg]	BW[deg]	Avg.[dBi]	Peak[dBi]	Theta[deg]	BW[deg]
1	940.100	92.28	-0.35	4.62	150.00	165.00	-2.33	0.19	345.00	999.00	0.92	4.47	-150.00	999.00	-0.83	2.84	150.00	999.00
2	940.300	92.31	-0.35	4.57	150.00	165.00	-2.36	0.12	345.00	999.00	0.94	4.44	-150.00	999.00	-0.83	2.79	150.00	999.00
3	940.500	92.10	-0.36	4.64	150.00	165.00	-2.34	0.15	345.00	999.00	0.92	4.30	-150.00	999.00	-0.80	2.79	150.00	999.00
4	940.700	91.94	-0.37	4.56	150.00	165.00	-2.37	-0.02	345.00	999.00	0.91	4.38	-150.00	999.00	-0.85	2.82	150.00	999.00
5	940.900	91.95	-0.36	4.56	150.00	165.00	-2.38	0.22	345.00	999.00	0.91	4.30	-150.00	999.00	-0.86	2.75	150.00	999.00
6	941.100	91.99	-0.36	4.61	150.00	165.00	-2.36	0.20	345.00	999.00	0.90	4.31	-150.00	999.00	-0.83	2.83	150.00	999.00
7	941.300	91.86	-0.37	4.57	150.00	165.00	-2.36	0.20	345.00	999.00	0.90	4.32	-150.00	999.00	-0.83	2.81	150.00	999.00
8	941.500	91.78	-0.37	4.58	150.00	165.00	-2.37	0.09	345.00	999.00	0.91	4.35	-150.00	999.00	-0.85	2.77	150.00	999.00
9	941.700	91.78	-0.37	4.61	150.00	165.00	-2.41	0.10	345.00	999.00	0.90	4.36	-150.00	999.00	-0.85	2.80	150.00	999.00
10	941.900	91.63	-0.38	4.60	150.00	165.00	-2.40	0.12	345.00	999.00	0.90	4.40	-150.00	999.00	-0.85	2.75	150.00	999.00
11	942.100	91.69	-0.38	4.55	150.00	165.00	-2.43	-0.02	360.00	999.00	0.92	4.44	-150.00	999.00	-0.88	2.82	150.00	999.00

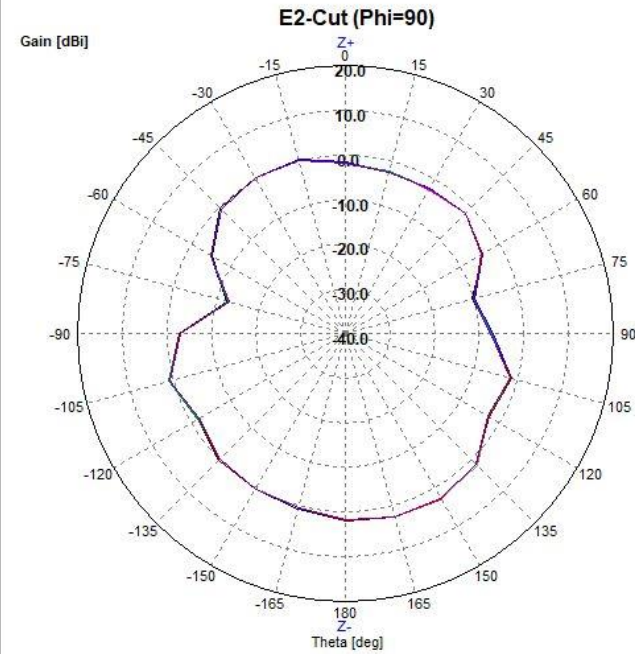
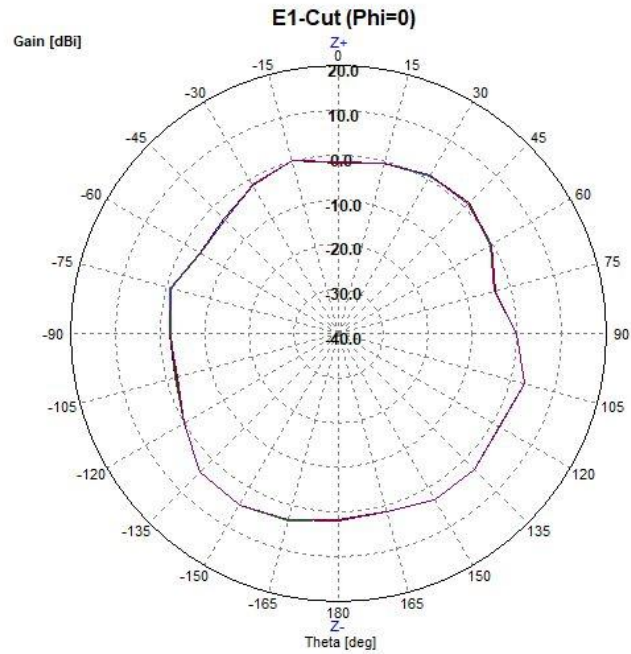
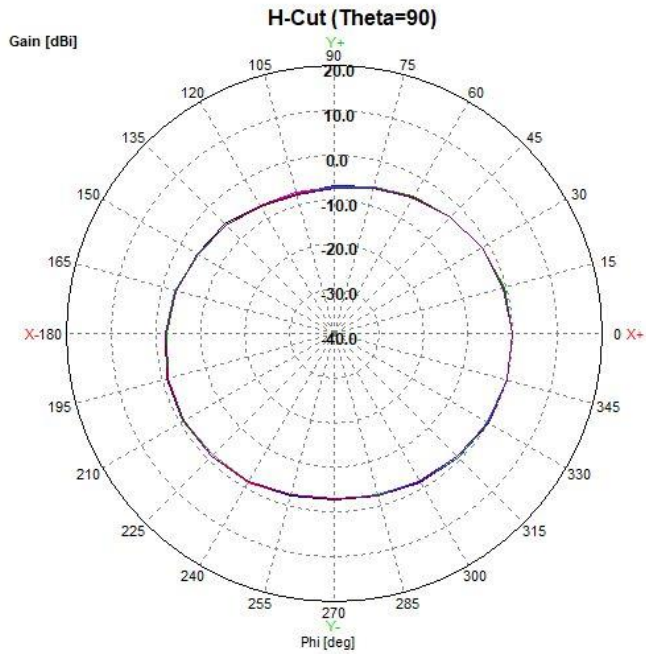
Plot Data

Polarization :

Power-Sum

Frequency :

- 940.100
- 940.300
- 940.500
- 940.700
- 940.900
- 941.100
- 941.300
- 941.500
- 941.700
- 941.900
- 942.100
- 942.300
- 942.500
- 942.700
- 942.900
- 943.100
- 943.300
- 943.500
- 943.700
- 943.900



Graph Option

Style

Polar Rectangular

Zoom

H-Cut E1-Cut E2-Cut

Scale

Max : 20 Apply
Min : -40



안테나 방사 특성(942~944MHz)

Summary

Multiple Frequency

Multiple Cut

3D-View

Reserved

No.	Freq.	PwrSurr				H(Theta=)				E1(Phi=0)				E2(Phi=90)				
		Eff.[%]	Avg.[dBi]	Peak[dBi]	Theta[deg]	Phi[deg]	Avg.[dBi]	Peak[dBi]	Phi[deg]	BW[deg]	Avg.[dBi]	Peak[dBi]	Theta[deg]	BW[deg]	Avg.[dBi]	Peak[dBi]	Theta[deg]	BW[deg]
12	942.300	91.60	-0.38	4.60	150.00	165.00	-2.41	-0.01	345.00	999.00	0.90	4.38	-150.00	999.00	-0.87	2.80	150.00	999.00
13	942.500	91.59	-0.38	4.55	150.00	165.00	-2.42	0.04	345.00	999.00	0.89	4.46	-150.00	999.00	-0.85	2.89	150.00	999.00
14	942.700	91.38	-0.39	4.51	150.00	165.00	-2.43	0.01	345.00	999.00	0.89	4.42	-150.00	999.00	-0.87	2.78	150.00	999.00
15	942.900	91.36	-0.39	4.68	150.00	165.00	-2.47	0.08	345.00	999.00	0.90	4.39	-150.00	999.00	-0.87	2.81	150.00	999.00
16	943.100	91.23	-0.40	4.53	150.00	165.00	-2.45	0.04	345.00	999.00	0.90	4.46	-150.00	999.00	-0.89	2.74	150.00	999.00
17	943.300	91.23	-0.40	4.54	150.00	165.00	-2.46	0.02	345.00	999.00	0.89	4.43	-150.00	999.00	-0.86	2.88	150.00	999.00
18	943.500	90.99	-0.41	4.55	150.00	165.00	-2.48	-0.02	345.00	999.00	0.89	4.42	-150.00	999.00	-0.91	2.71	150.00	999.00
19	943.700	90.76	-0.42	4.52	150.00	165.00	-2.50	-0.03	345.00	999.00	0.89	4.44	-150.00	999.00	-0.92	2.80	150.00	999.00
20	943.900	90.80	-0.42	4.51	150.00	165.00	-2.51	0.02	345.00	999.00	0.89	4.41	-150.00	999.00	-0.93	2.76	150.00	999.00
21	944.100	90.59	-0.43	4.53	150.00	165.00	-2.51	-0.01	345.00	999.00	0.88	4.44	-150.00	999.00	-0.95	2.77	150.00	999.00
22	944.300	90.52	-0.43	4.51	150.00	165.00	-2.55	-0.09	345.00	999.00	0.89	4.35	-150.00	999.00	-0.93	2.81	150.00	999.00

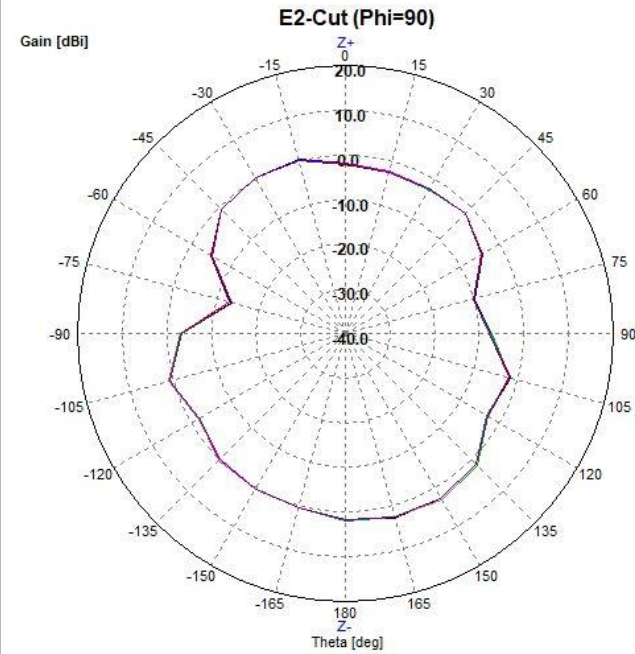
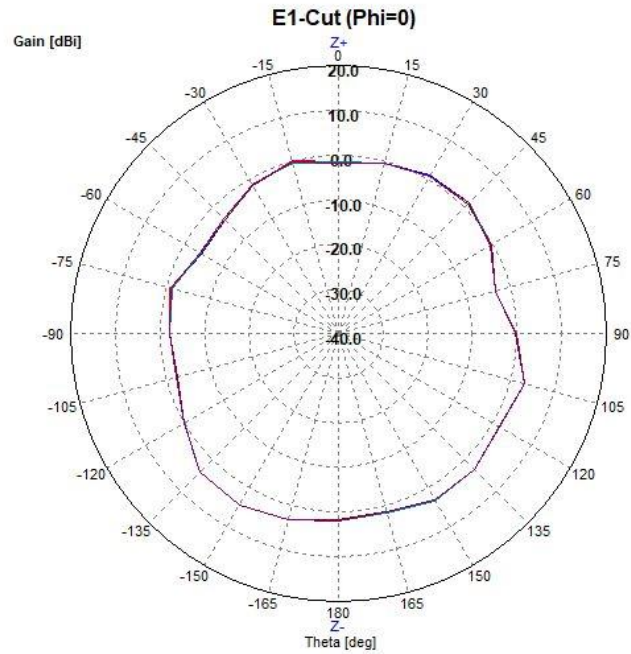
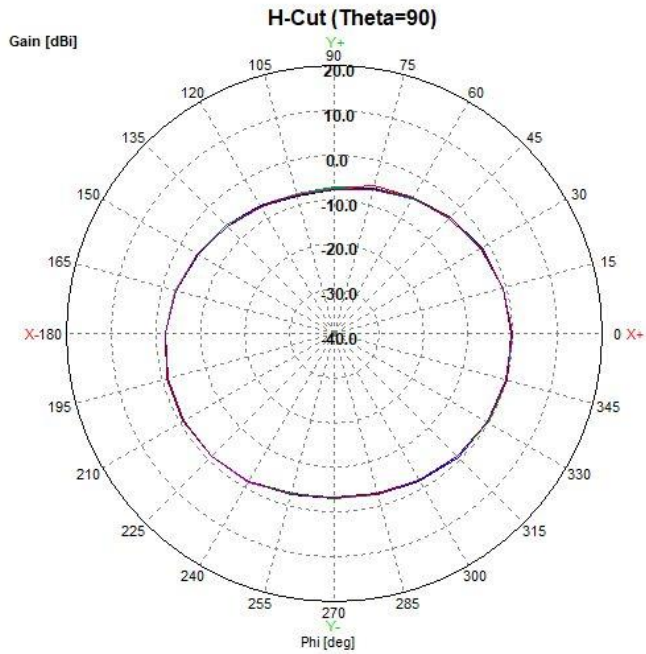
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Frequency :

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- 940.700
- 940.900
- 941.100
- 941.300
- 941.500
- 941.700
- 941.900
- 942.100
- 942.300
- 942.500
- 942.700
- 942.900
- 943.100
- 943.300
- 943.500
- 943.700
- 943.900
- 944.100
- 944.300



Graph Option

Style

Polar Rectangular

Zoom

H-Cut E1-Cut E2-Cut

Scale

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감사합니다

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 **ELIOT** 엘리엇시스템 주식회사
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