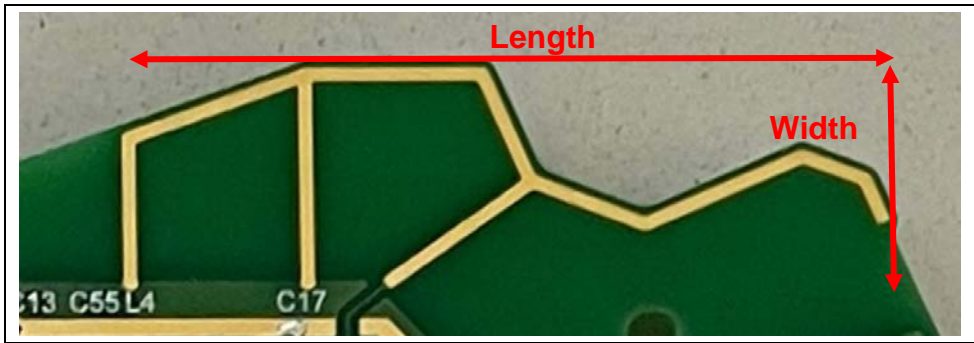


Antenna Information

Item	Contents
Antenna Type	PCB Pattern Antenna
Antenna peak gain	1.88 dBi
Manufacturer / Model name	KIDO SPORTS CO., LTD. / LINK-1-PIFA
Address of Manufacturer	395, Gonghang-daero, Gangseo-gu, Seoul, 07950, Rep of Korea
Test Laboratory	EMTI
Antenna_BT Length	2.4 cm
Antenna_BT Width	0.6 cm



측정결과서

신청일시	2023-10-23
접수번호	ANT_2023_0762
회 사 명	주식회사 기도스포츠
이용시설	휴대폰 챔버
이용일시	2023-11-06
시험제품	CR1_Passive
제품용도	BT
수 량	1
시험항목	이득 / 방사패턴(2D) / SWR
주파수대	2.4 ~ 2.5 GHz
시험환경	온도(23 ± 1)℃ 상대습도(50 ± 5)% R.H
측정결과	불임 참조
특이사항	-

한국전파진흥협회 전자파기술원

주소 : 서울시 용산구 원효로41길 29 전자파기술원

전화 : 02-703-2456, 팩스 : 02-703-2417

www.emti.or.kr



□ 측정결과 (방사패턴 / 이득)

Summary
Multiple Frequency
Reserved

Operator : Operator Name Date : 2023-11-06

Customer : Customer Name Time : 2:36:49

Description : Test Descriptions


Antenna Type

Linear Polarization Type

Circular Polarization Type

2D Result Summary : (ScanAxis = Phi at Theta=90 [deg])

No	Freq.[MHz]	Theta-Pol				Phi-Pol(V)				Pwr Sum						
		Avg.[dB]	Peak[dB]	Phi[deg]	Null[dB]	Avg.[dB]	Peak[dB]	Phi[deg]	Null[dB]	Avg.[dB]	Peak[dB]	Phi[deg]	Null[dB]	Phi[deg]		
1	2402.000	-6.23	-0.81	218.00	-14.65	324.00	-4.73	-0.63	200.00	-21.36	113.00	-2.40	1.08	210.00	-9.91	114.00
2	2441.000	-5.80	0.16	217.00	-25.89	129.00	-5.52	-1.03	200.00	-24.78	113.00	-2.65	1.88	214.00	-17.99	116.00
3	2480.000	-5.76	0.24	218.00	-20.01	320.00	-5.47	-1.28	199.00	-24.03	116.00	-2.68	1.80	217.00	-14.20	118.00



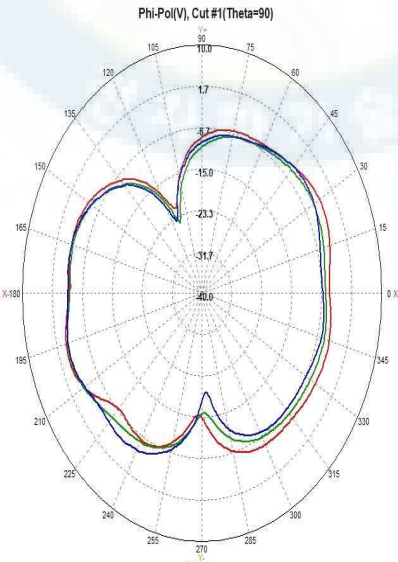
H-Plane

Summary
Multiple Frequency
Reserved

(ScanAxis = Phi at Theta=90 [deg])

No	Freq.[MHz]	Theta-P				Phi-Pol				Pwr Sum															
		Avg.	Peak	Null	Diff.	Avg.	Peak	Null	Diff.	Avg.	Peak	Null	Diff.												
1	2402.000	-6.23	-0.81	218.00	13.84	74.71	0.00	218.00	-4.73	-0.63	200.00	-21.36	65.01	0.00	200.00	-2.40	1.08	210.00	-8.91	114.00	11.00	108.06	0.00	210.00	
2	2441.000	-5.80	0.16	217.00	28.65	33.32	0.00	217.00	-5.52	-1.03	200.00	-24.78	23.75	68.00	0.00	200.00	-2.65	1.88	214.00	-17.99	116.00	19.37	92.24	0.00	214.00
3	2480.000	-5.76	0.24	218.00	20.25	31.02	0.00	218.00	-5.47	-1.28	199.00	-24.03	22.75	94.43	0.00	199.00	-2.68	1.80	217.00	-14.20	118.00	16.00	90.69	0.00	217.00

Gain [dB]



Phi [deg]

Data Set

Polarization : Phi-pol(V)

Cut : 80 [deg]

Freq. [MHz] : 2402.000, 2441.000, 2480.000

Param. : BW[dB] : -3, F/B[deg] : ±30, Lobe Filter [dB] : []


Graph Option

Style : Polar, Beam Peak, Rect. angular, Side Lobes

UnZoom

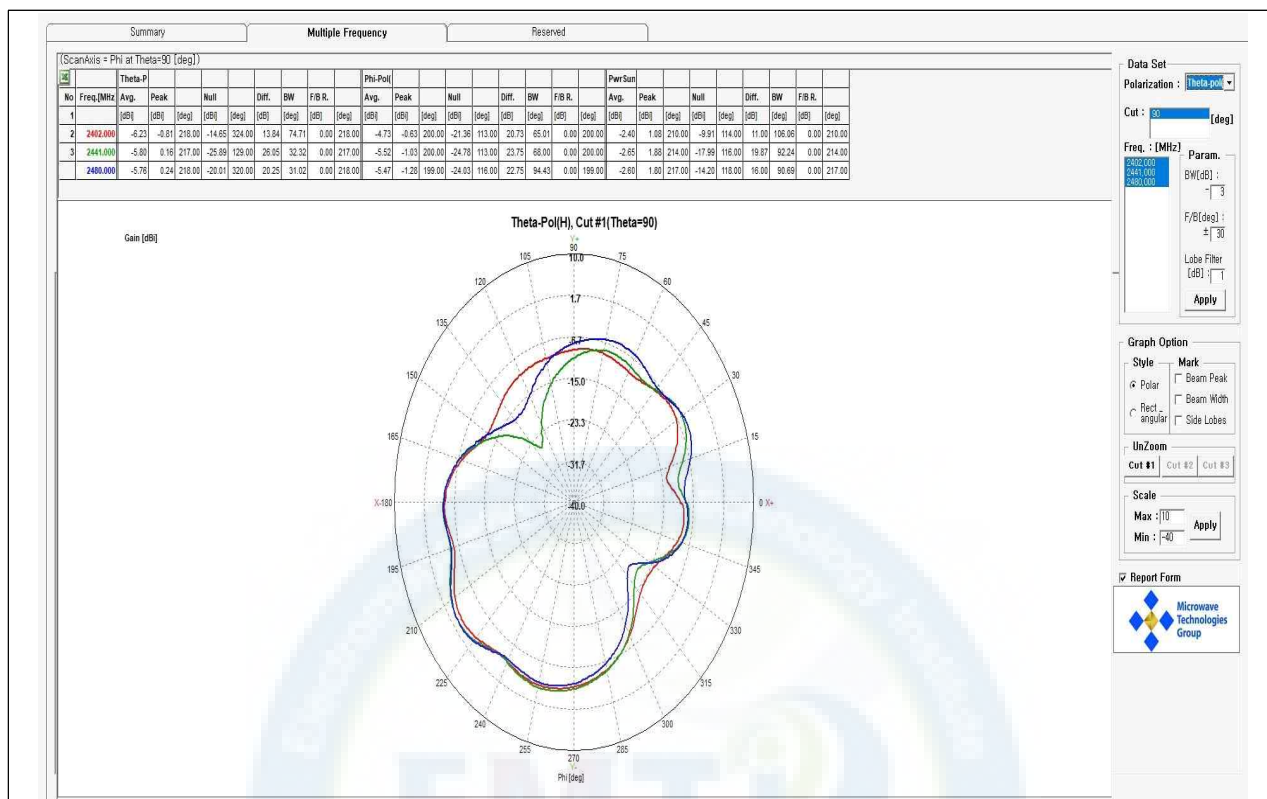
Scale : Max : 10, Min : -40

Report Form

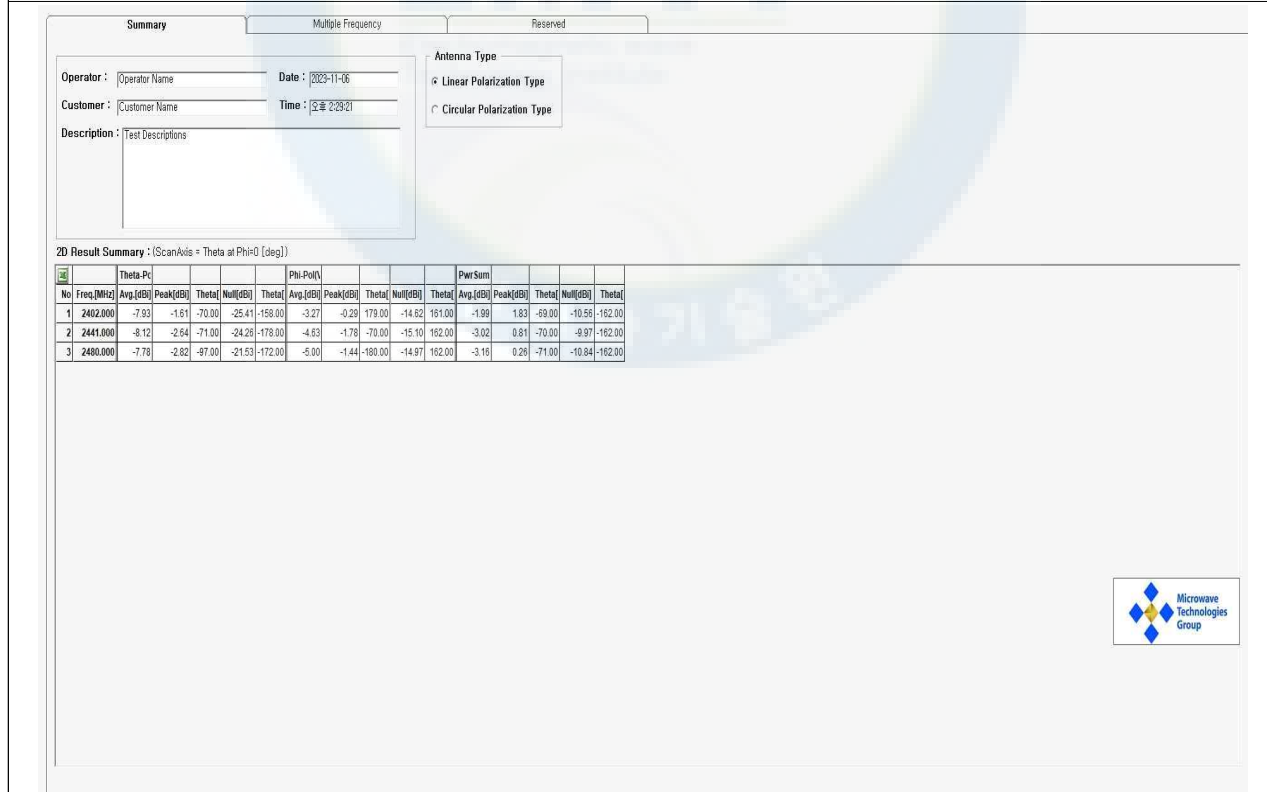


H-Co-Pol

□ 측정결과 (방사패턴 / 이득)

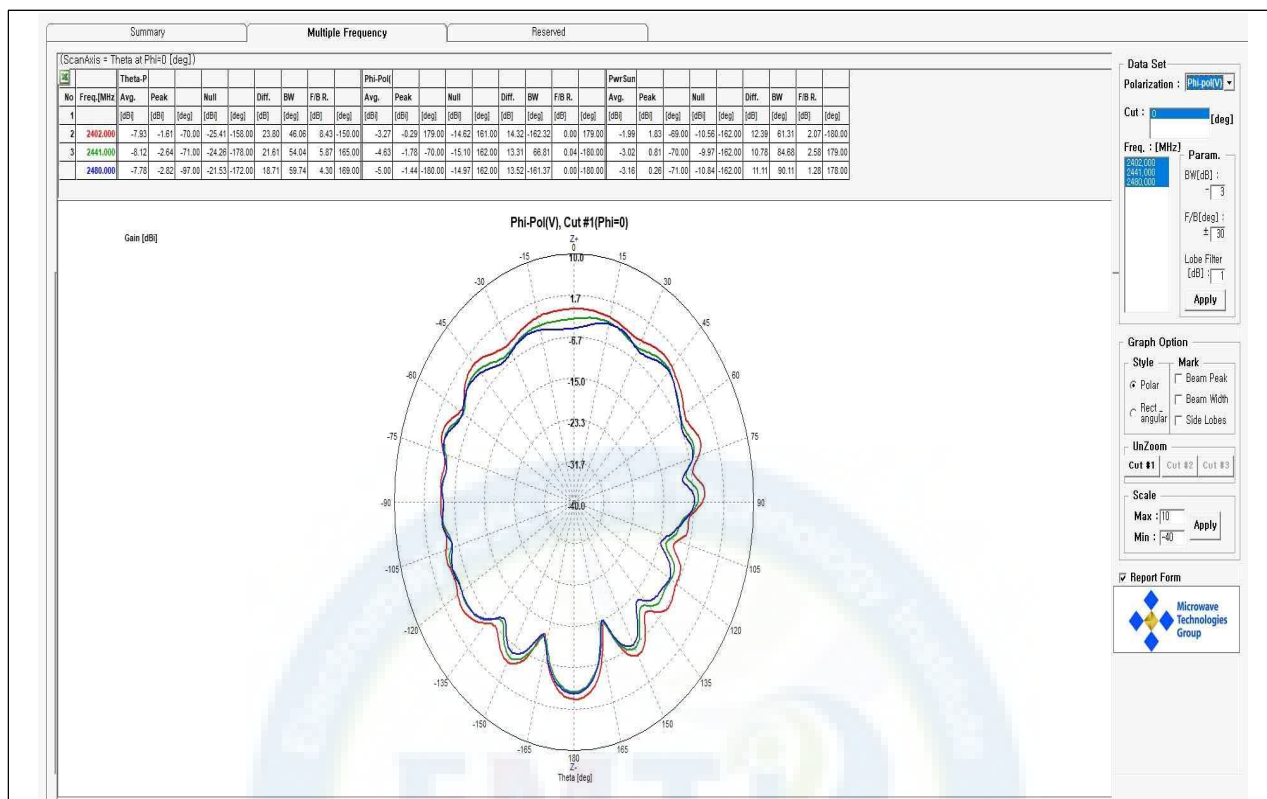


H-Cross-Pol

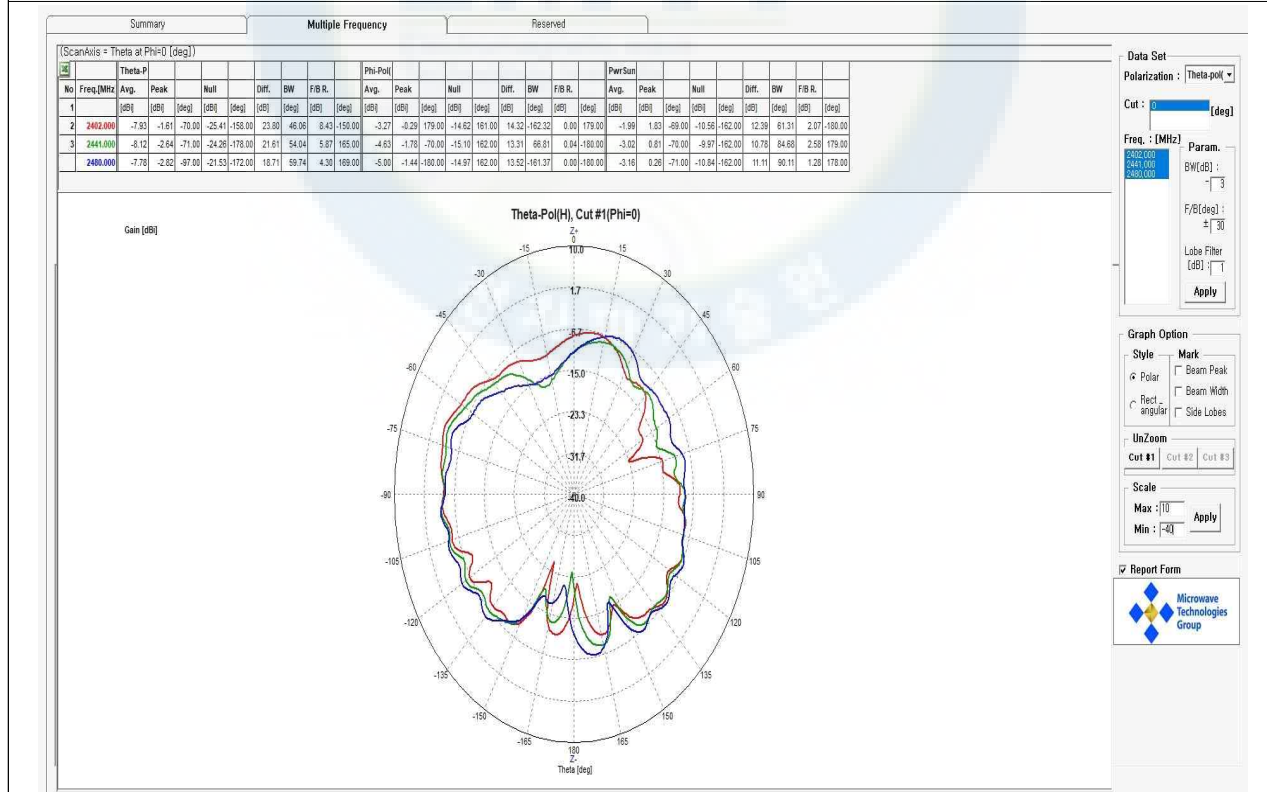


E-Plane

□ 측정결과 (방사패턴 / 이득)



E-Co-Pol



E-Cross-Pol

□ 측정결과 (방사패턴 / 이득)



SWR