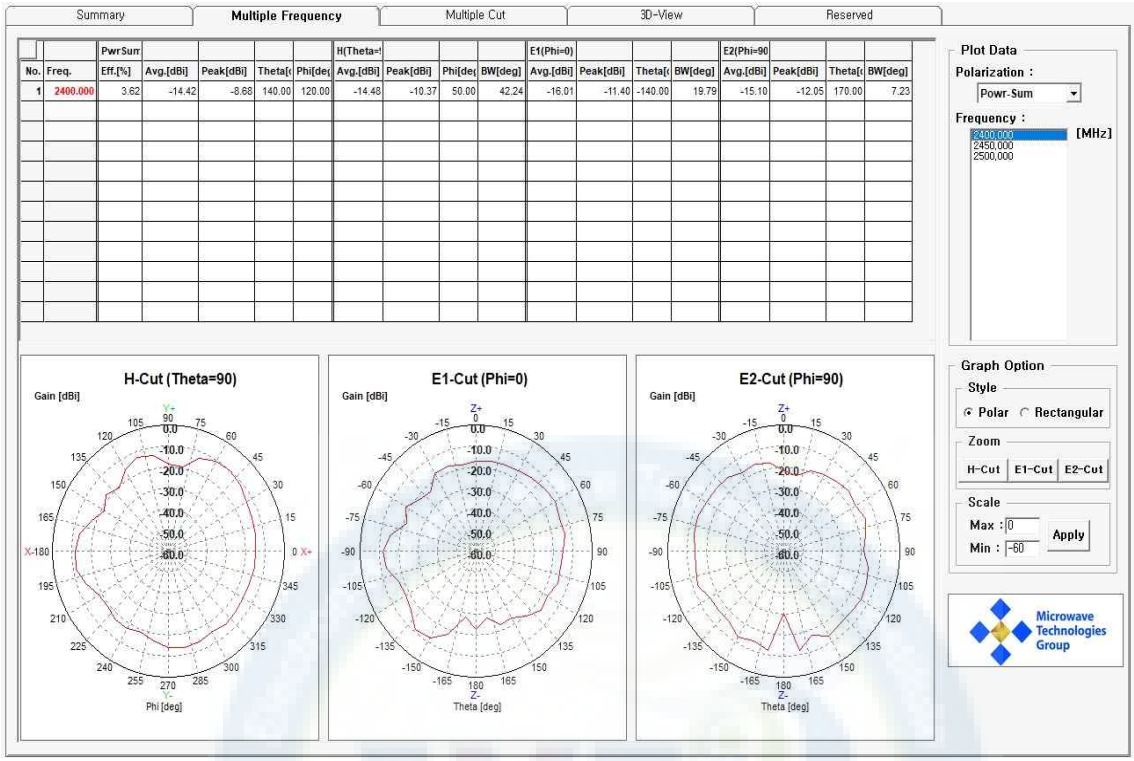
Test Reports

Application date	2023-01-16
Registration number	ANT_2023_0067
Company name	Golfzon
Chamber used	Small chamber
Date of use	2023-01-18
Product name	Portable Golfsensor_RADAR
Use	Wi-Fi, BLE
Volume	1
Test Items	Gain/Radiation Pattern
Frequency	2.4 ~ 2.5 GHz
Test environment	Temperature (23 ± 1)℃, Relative humidity (50 ± 5)% R.H
Result	Attach Reference
Manager	Kim Yena Senior Researcher(02-703-2456)

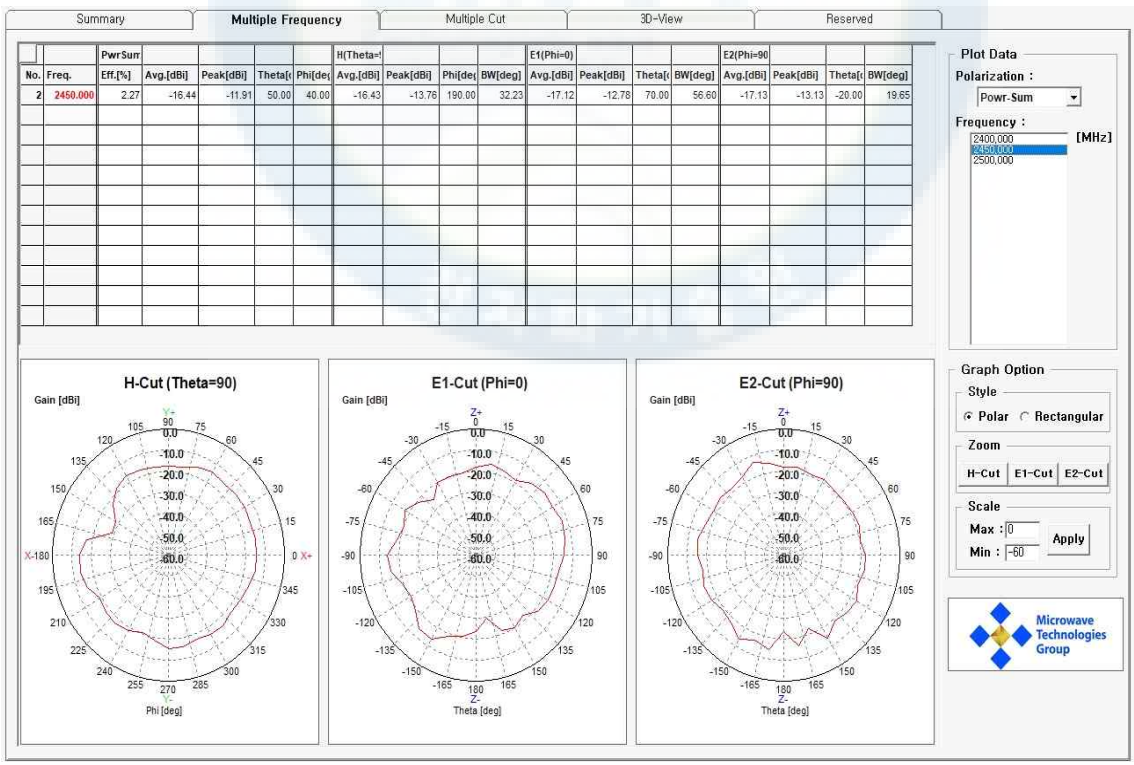
Korea Radio Promotion Association
Address : 29, Wonhyo-ro 41-gil, Yongsan-gu,
Seoul, Republic of Korea
Phone : 02-703-2456
www.emti.or.kr

☐ Gain / Radiation Pattern



No.	Freq.	PwrSum Eff.[%]	Avg.[dBi]	Peak[dBi]	Theta[	Phi[de	H(Theta= Avg.[dBi]	Peak[dBi]	Phi[de	BW[deg]	E1(Phi=0) Avg.[dBi]	Peak[dBi]	Theta[	BW[deg]	E2(Phi=90 Avg.[dBi]	Peak[dBi]	Theta[	BW[deg]
1	2400.000	3.62	-14.42	-8.68	140.00	120.00	-14.48	-10.37	50.00	42.24	-16.01	-11.40	-140.00	19.79	-15.10	-12.05	170.00	7.23

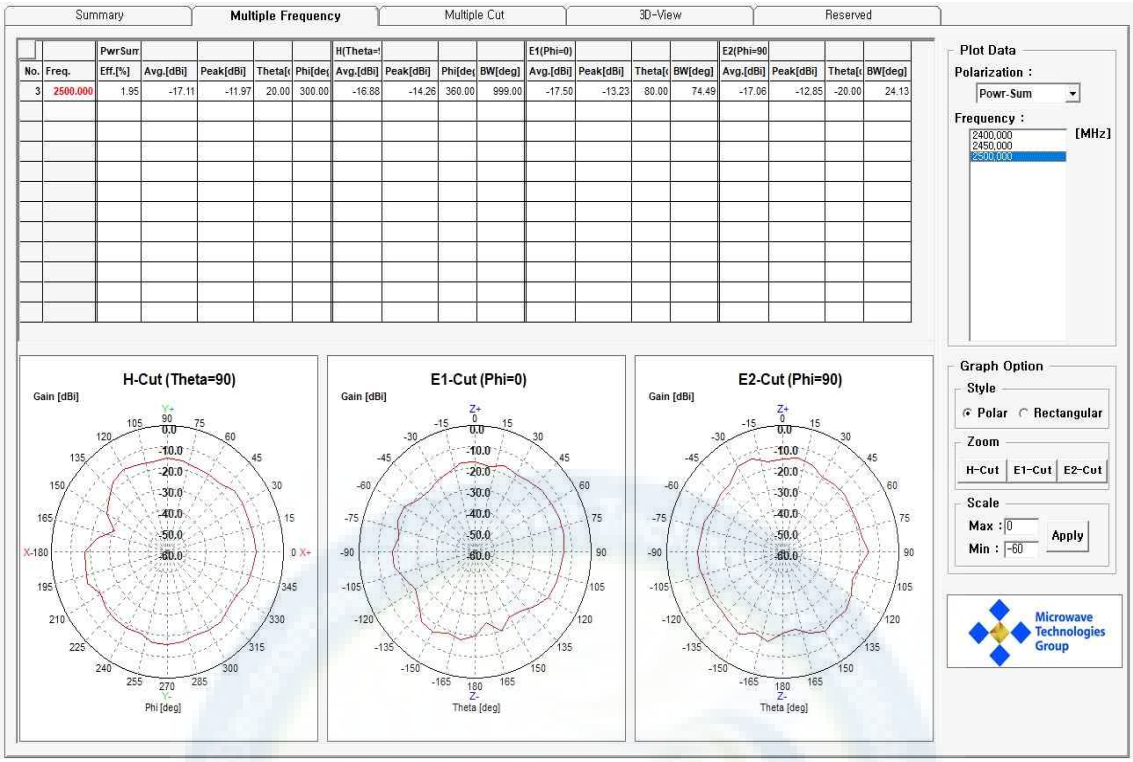
WAVE-R1_2.4GHz



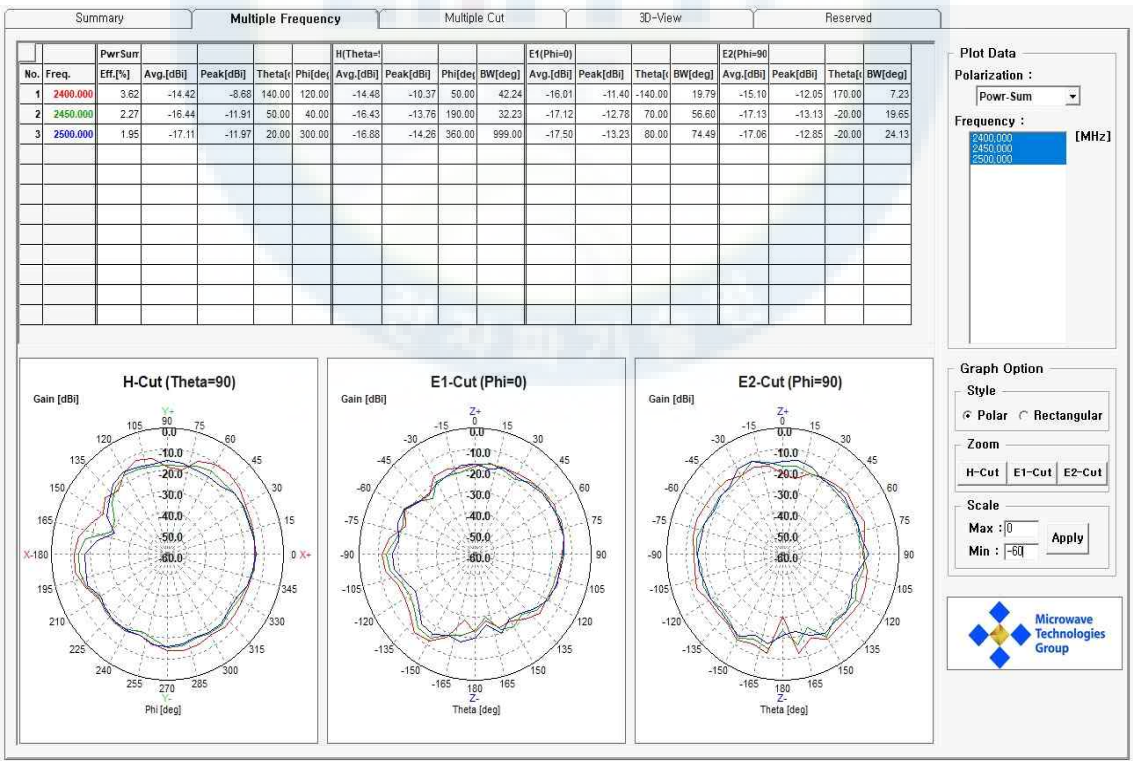
No.	Freq.	PwrSum Eff.[%]	Avg.[dBi]	Peak[dBi]	Theta[	Phi[de	H(Theta= Avg.[dBi]	Peak[dBi]	Phi[de	BW[deg]	E1(Phi=0) Avg.[dBi]	Peak[dBi]	Theta[	BW[deg]	E2(Phi=90 Avg.[dBi]	Peak[dBi]	Theta[	BW[deg]
2	2450.000	2.27	-16.44	-11.91	50.00	40.00	-16.43	-13.76	190.00	32.23	-17.12	-12.78	70.00	56.60	-17.13	-13.13	-20.00	19.65

WAVE-R1_2.45GHz

□ Gain / Radiation Pattern

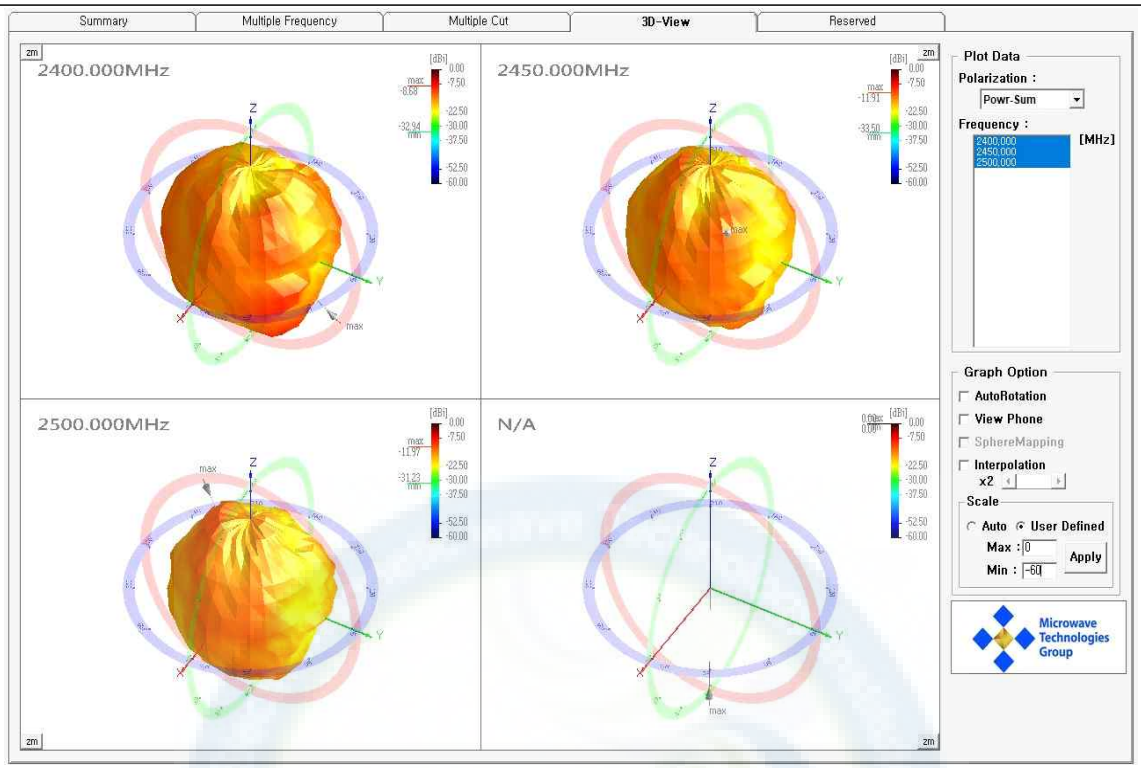


WAVE-R1_2.5GHz



WAVE-R1

□ Gain / Radiation Pattern



WAVE-R1_3D

Test Reports

Application date	2023-01-16
Registration number	ANT_2023_0066
Company name	Golfzon
Chamber used	Medium chamber
Date of use	2023-01-18
Product name	Portable Golfsensor RADAR
Use	Wi-Fi, BLE
Volume	1
Test Items	Gain/Radiation Pattern
Frequency	24 ~ 24.3 GHz
Test environment	Temperature (23 ± 1)℃, Relative humidity (50 ± 5)% R.H
Result	Attach Reference
Manager	Seo Yonghun Senior Researcher(02-703-2456)

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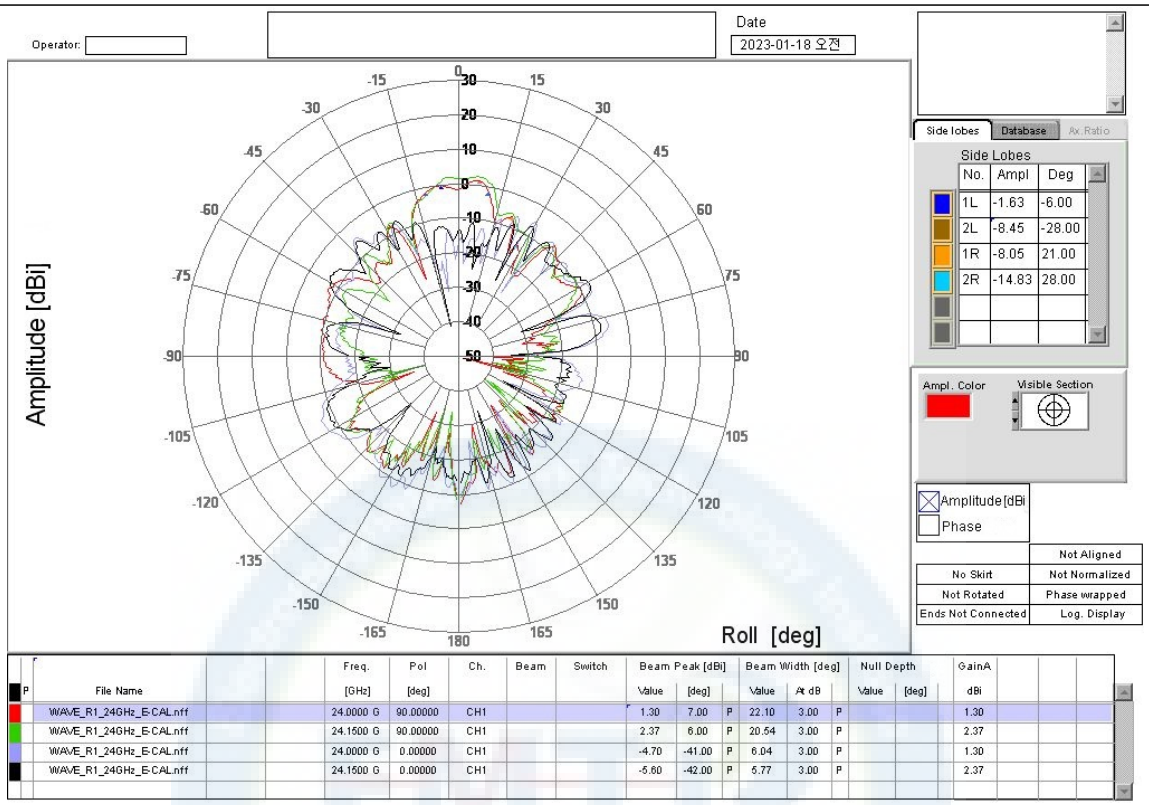
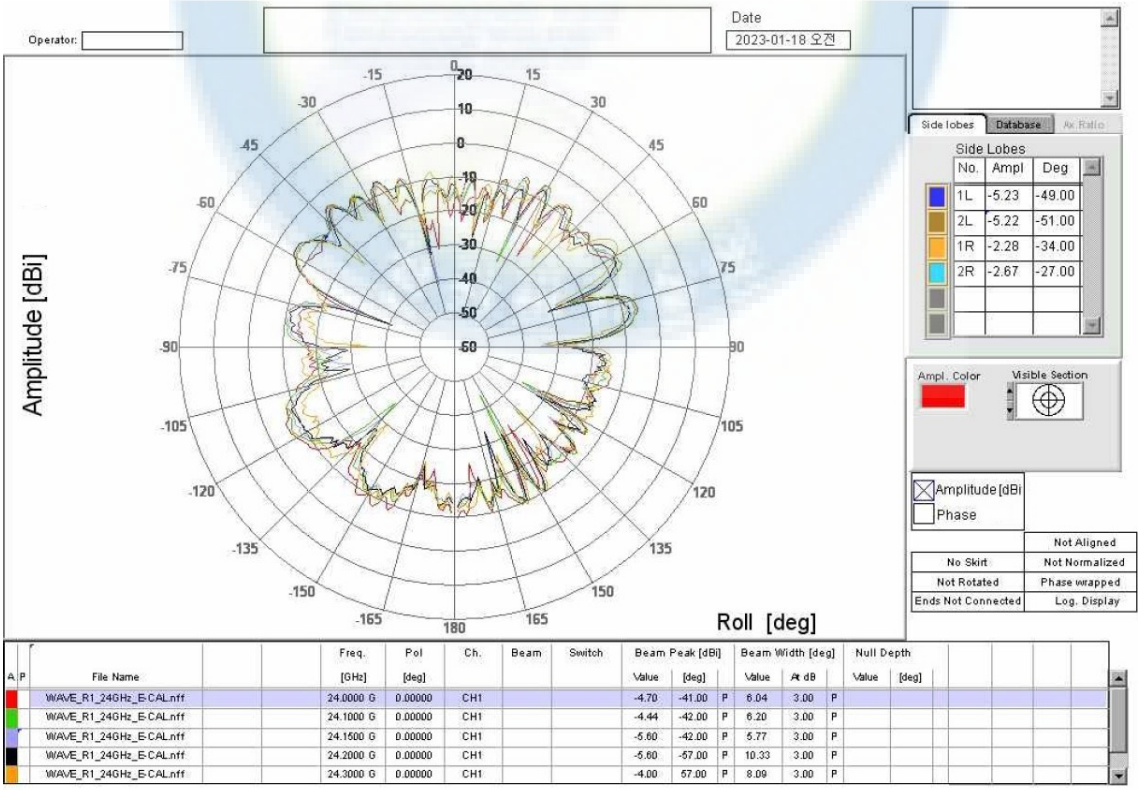
□ Gain/Radiation Pattern

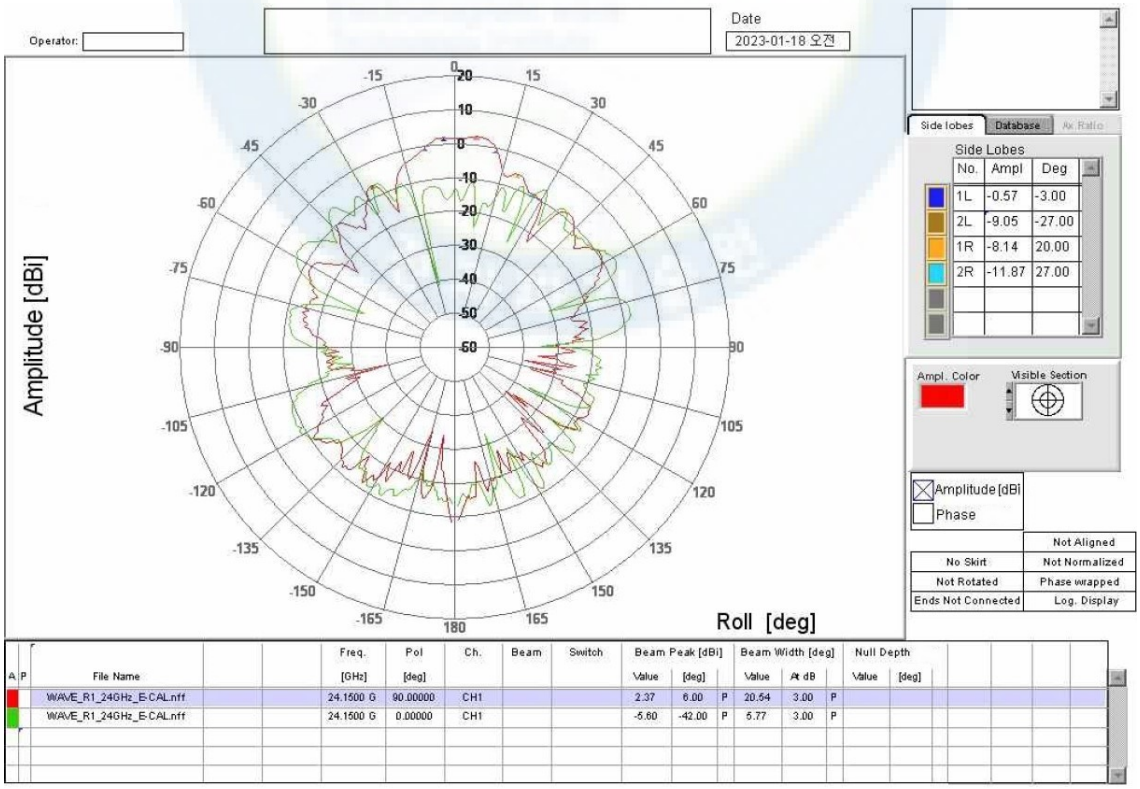


WAVE_R1_24GHz_E_POLAR



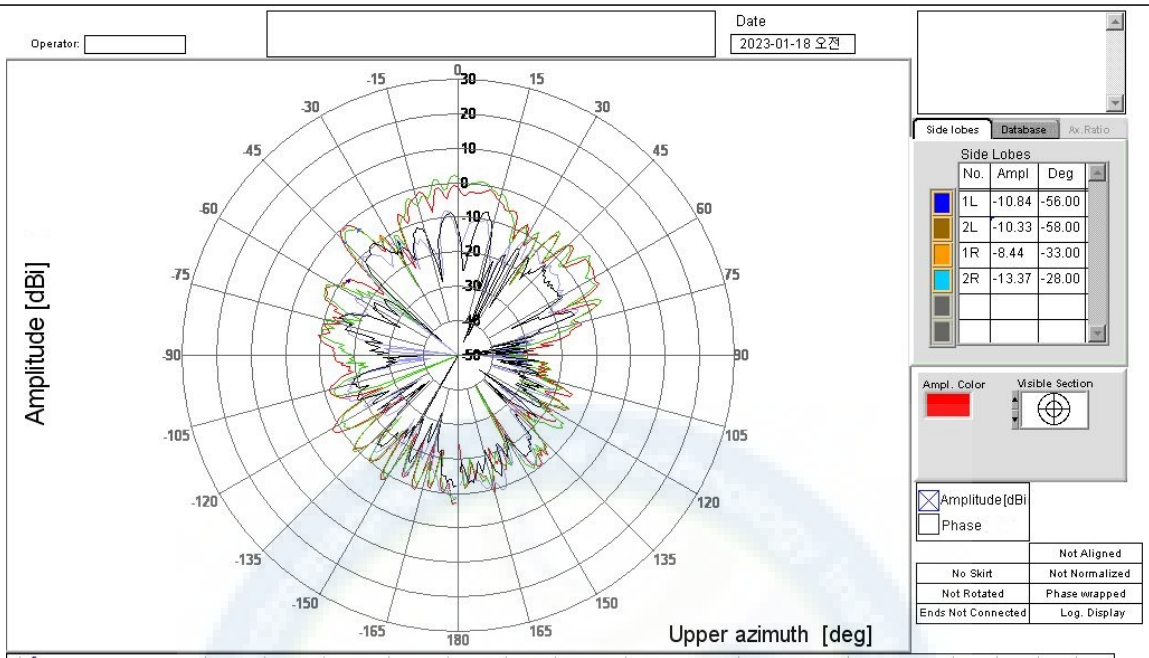
WAVE_R1_24GHz_E_CROSS_POLAR

☐ Gain/Radiation Pattern

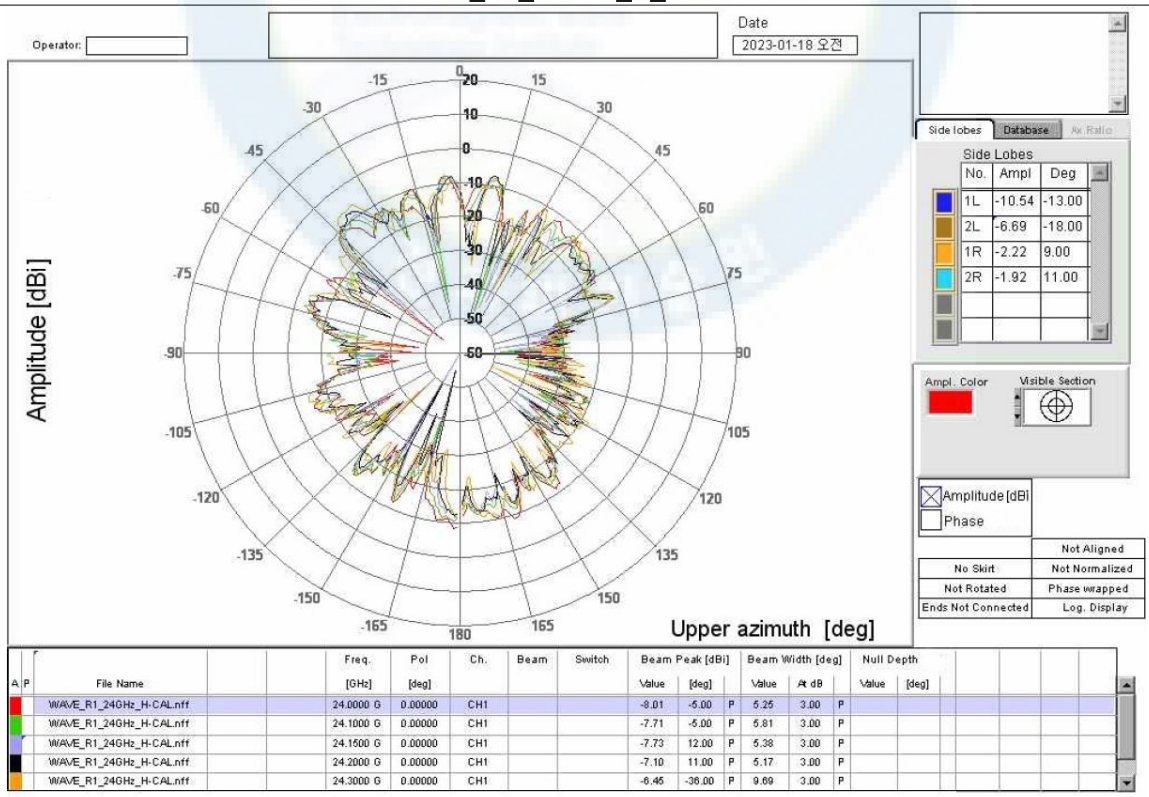


WAVE_R1_24.15GHz_E_POLAR

☐ Gain/Radiation Pattern

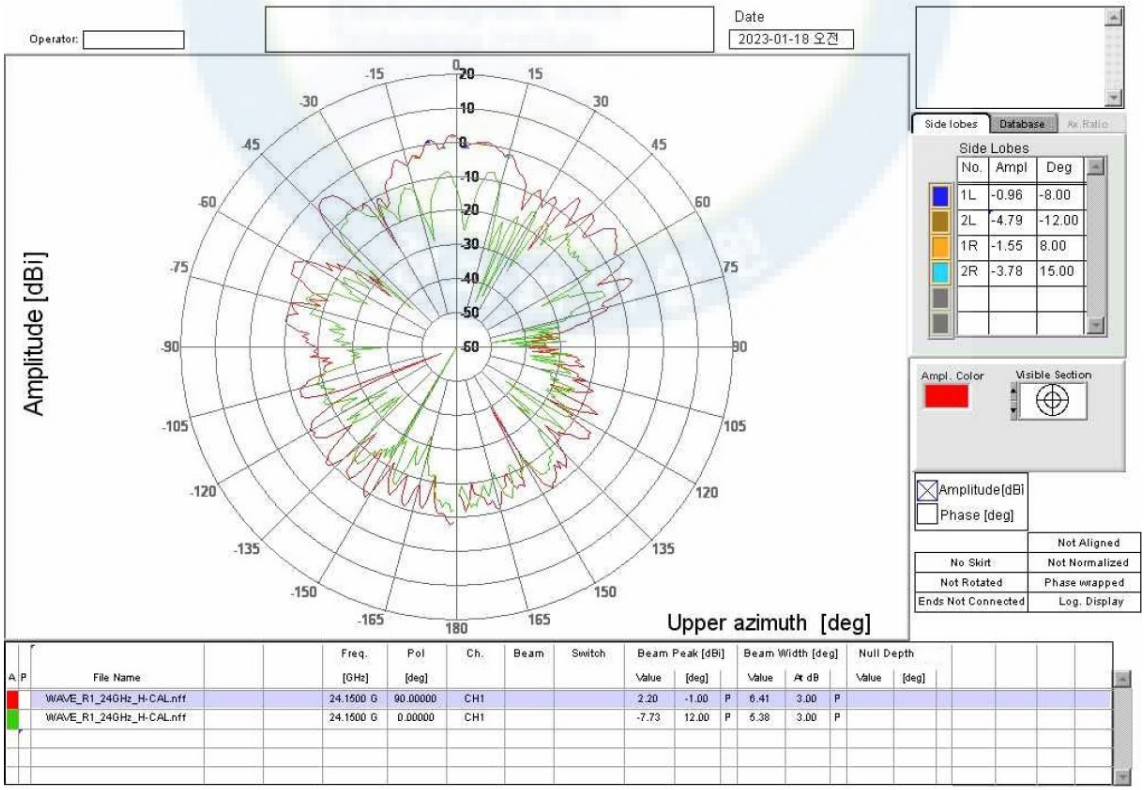


WAVE_R1_24GHz_H_POLAR



WAVE_R1_24GHz_H_CROSS_POLAR

☐ Gain/Radiation Pattern



WAVE_R1_24.15GHz_H_POLAR