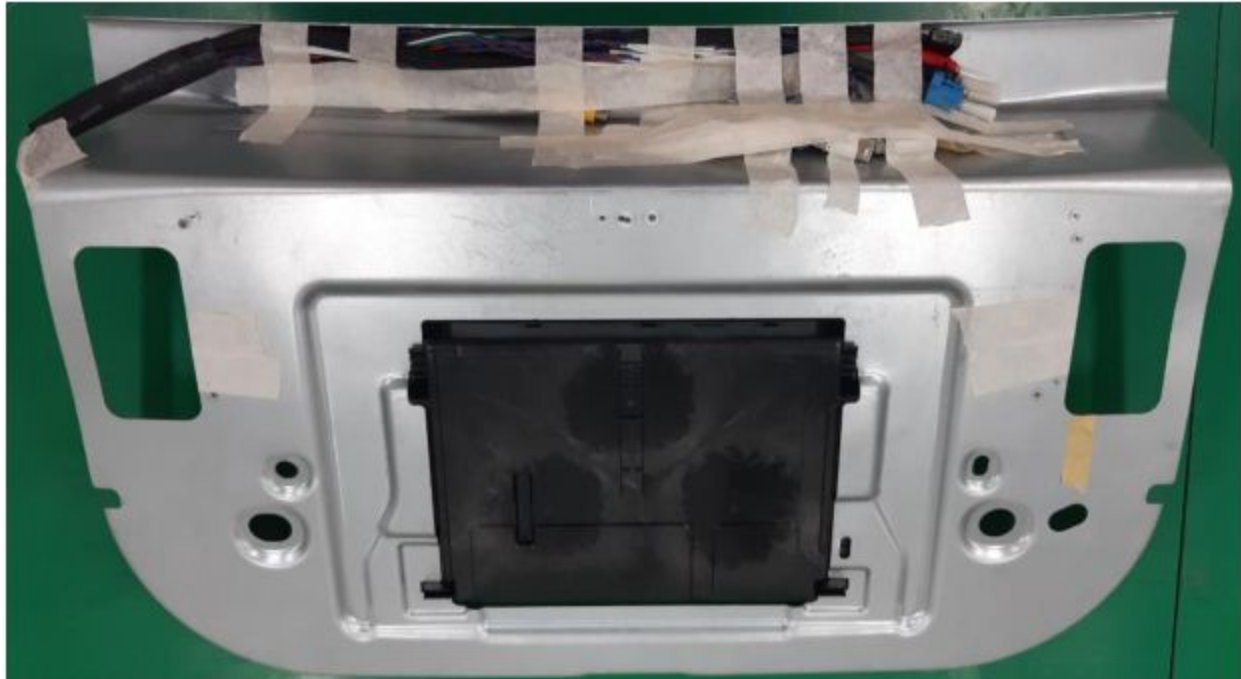


ANTENNA SPECIFICATION

TCAM2 top cover



I . Mechanical Specifications

Antenna Dimension	250.94(D) x 163(W) x 30(H) mm
Weight	220g

1. LTE1

II . Electrical Specifications

Frequency Range	617MHz ~960MHz	1710MHz ~2170MHz	2300MHz ~5000MHz
Avg. Gain	Min -4.5dB	Min -3.0dB	Min -3.5dB
V.S.W.R	≤ 3.0	≤ 3.0	≤ 3.0
Radiation	Omni		
Polarization	Linear		
Impedance	50Ω		

ANTENNA SPECIFICATION

2. LTE2

II . Electrical Specifications			
Frequency Range	617MHz ~960MHz	1710MHz ~2170MHz	2300MHz ~5000MHz
Avg. Gain	Min -4.5dB	Min -4.5dB	Min -4.0dB
V.S.W.R	≤ 2.5	≤ 5.0	≤ 3.0
Radiation	Omni		
Polarization	Linear		
Impedance	50Ω		

3. LTE3

II . Electrical Specifications		
Frequency Range	1710MHz~2170MHz	2300MHz~5000MHz
Avg. Gain	Min -3.0dBi	Min -3.5dBi
V.S.W.R	≤ 4.0	≤ 3.0
Radiation	Omni	
Polarization	Linear	
Impedance	50Ω	

ANTENNA SPECIFICATION

4. LTE4

II . Electrical Specifications		
Frequency Range	1710MHz~2170MHz	2300MHz~5000MHz
Avg. Gain	Min -3.5dBi	Min -3.5dBi
V.S.W.R	≤ 3.5	≤ 3.5
Radiation	Omni	
Polarization	Linear	
Impedance	50Ω	

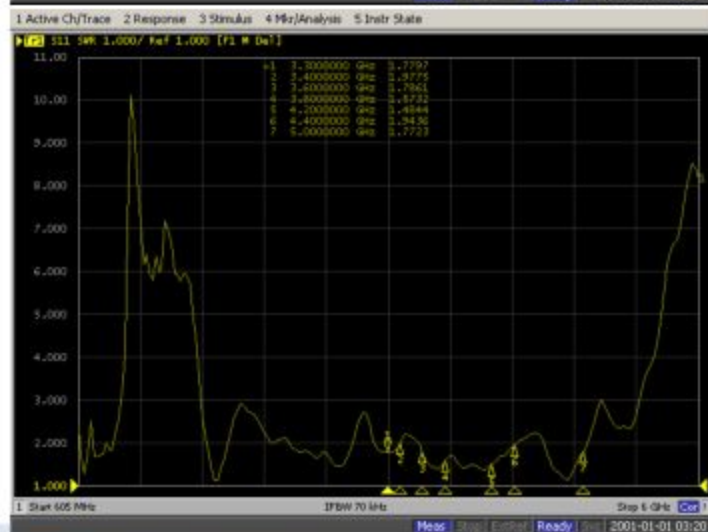
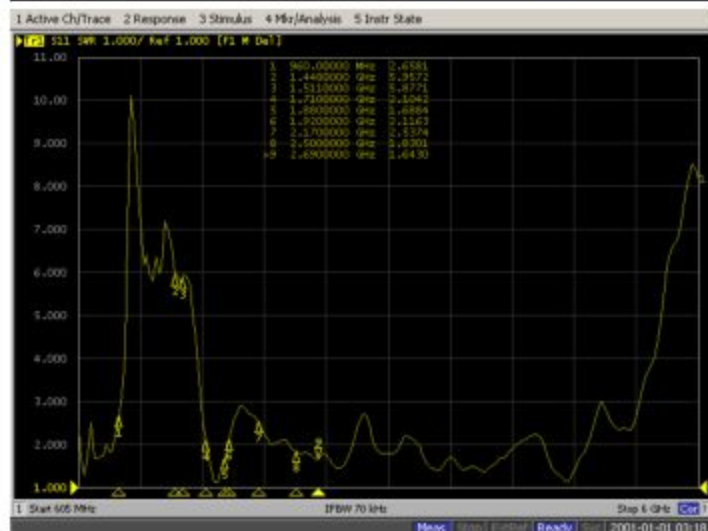
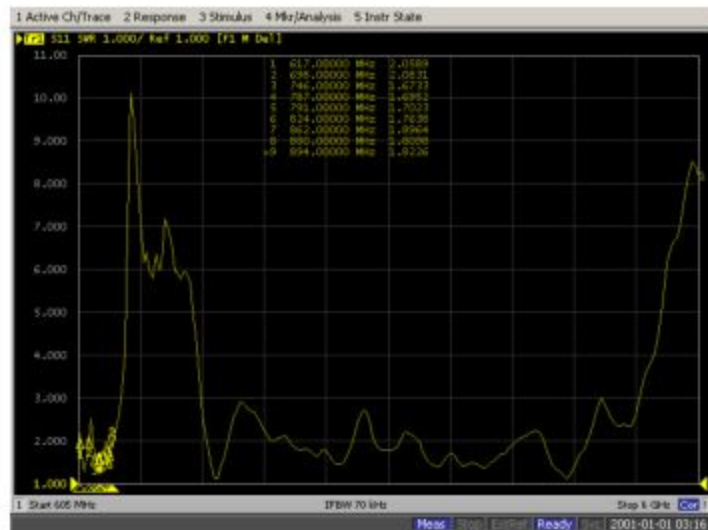
5. BLE & V2X

II . Electrical Specifications		
Frequency Range	2400MHz~2485MHz	5850MHz~5925MHz
Avg. Gain	Min -2.5 dBi	Min -3.0dBi
V.S.W.R	≤ 2.0	≤ 2.0
Radiation	Omni	
Polarization	Linear	
Impedance	50Ω	

ANTENNA SPECIFICATION

● V.S.W.R

1. LTE1



ANTENNA SPECIFICATION

2. LTE2





ANTENNA SPECIFICATION

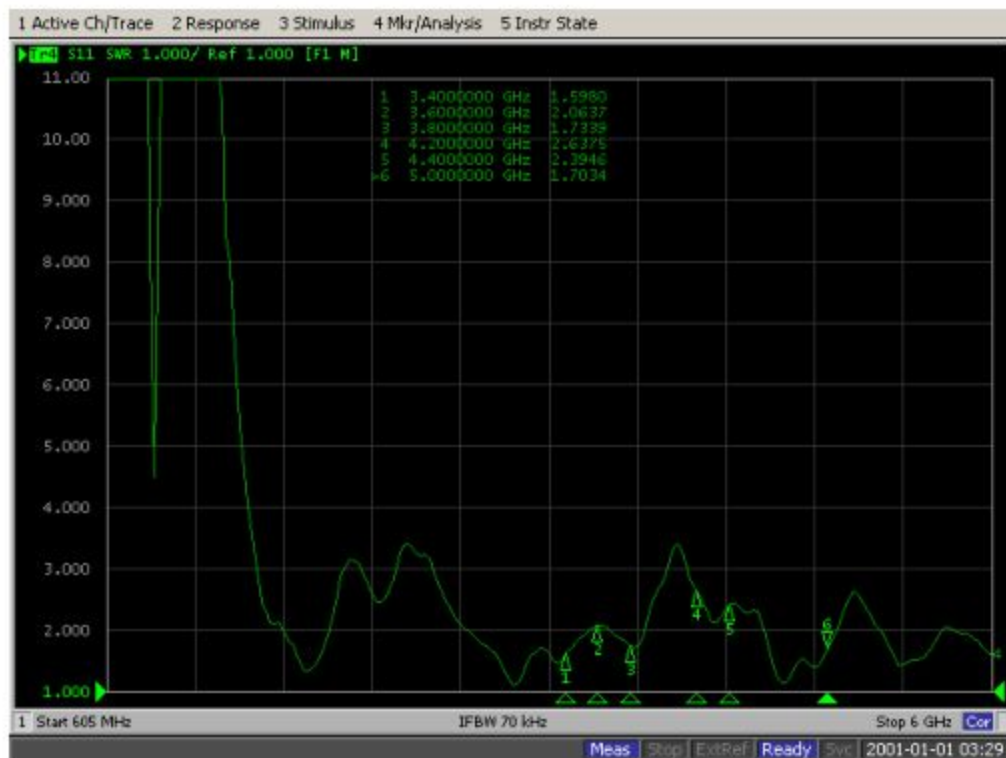
3. LTE3





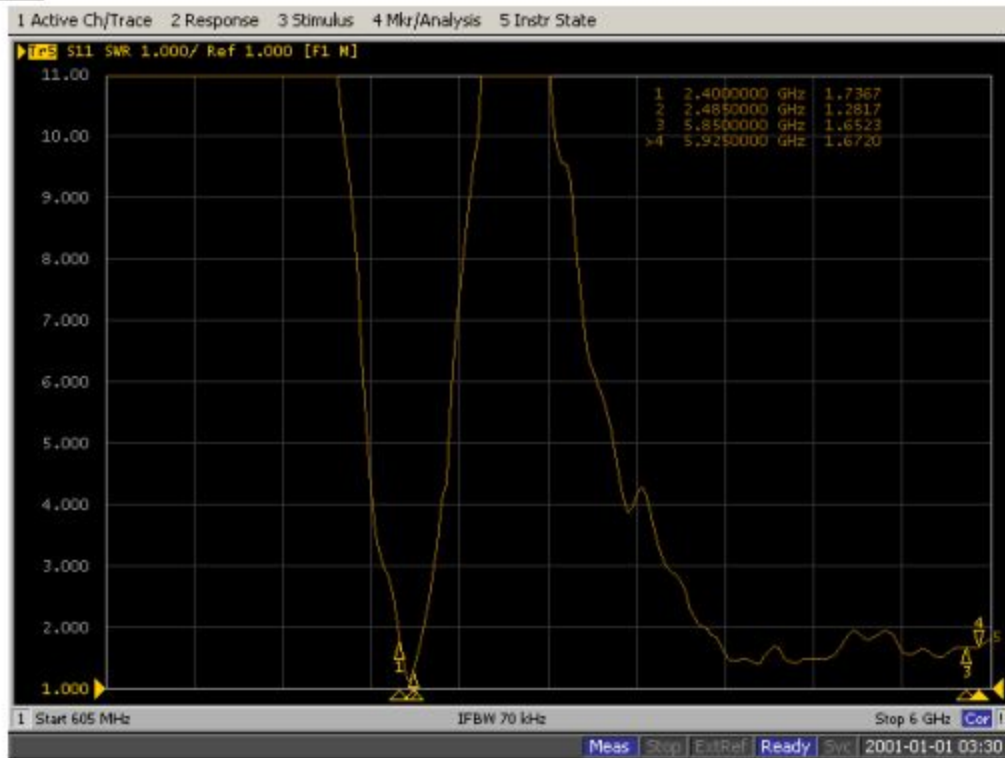
ANTENNA SPECIFICATION

4. LTE4



ANTENNA SPECIFICATION

5. BLE & V2X

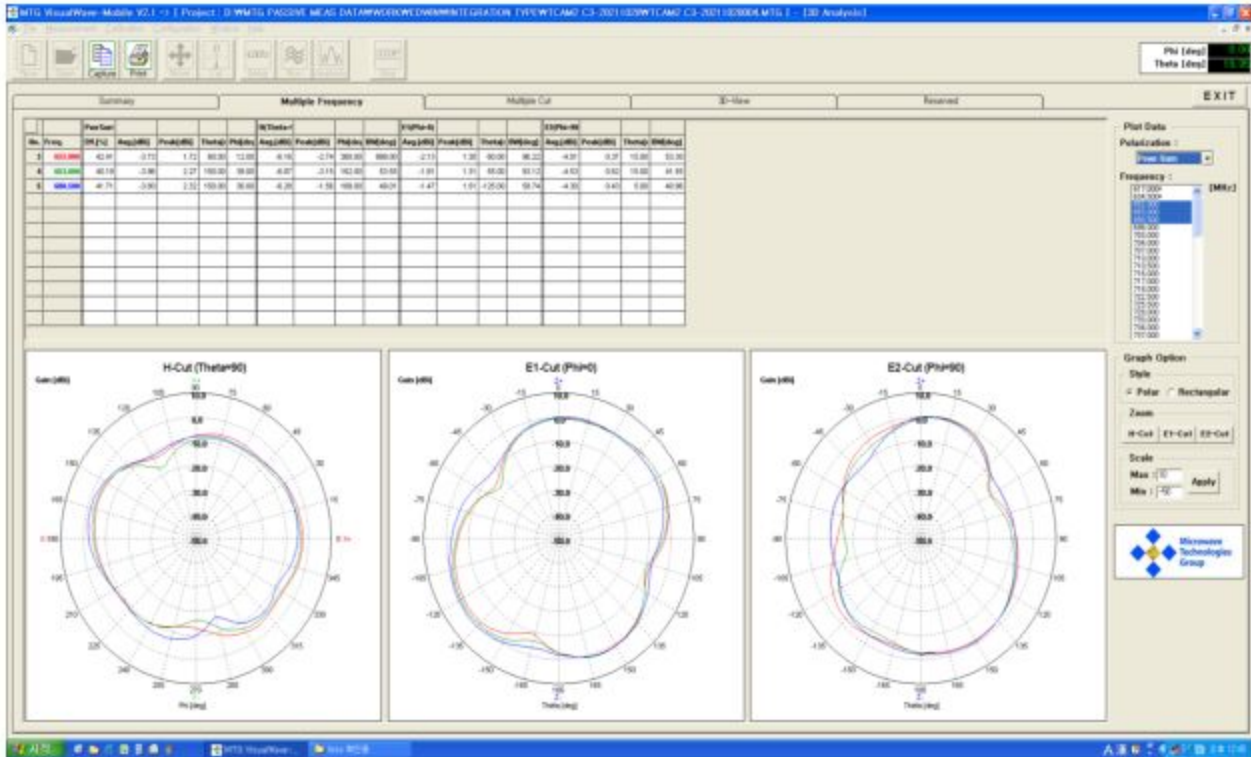


ANTENNA SPECIFICATION

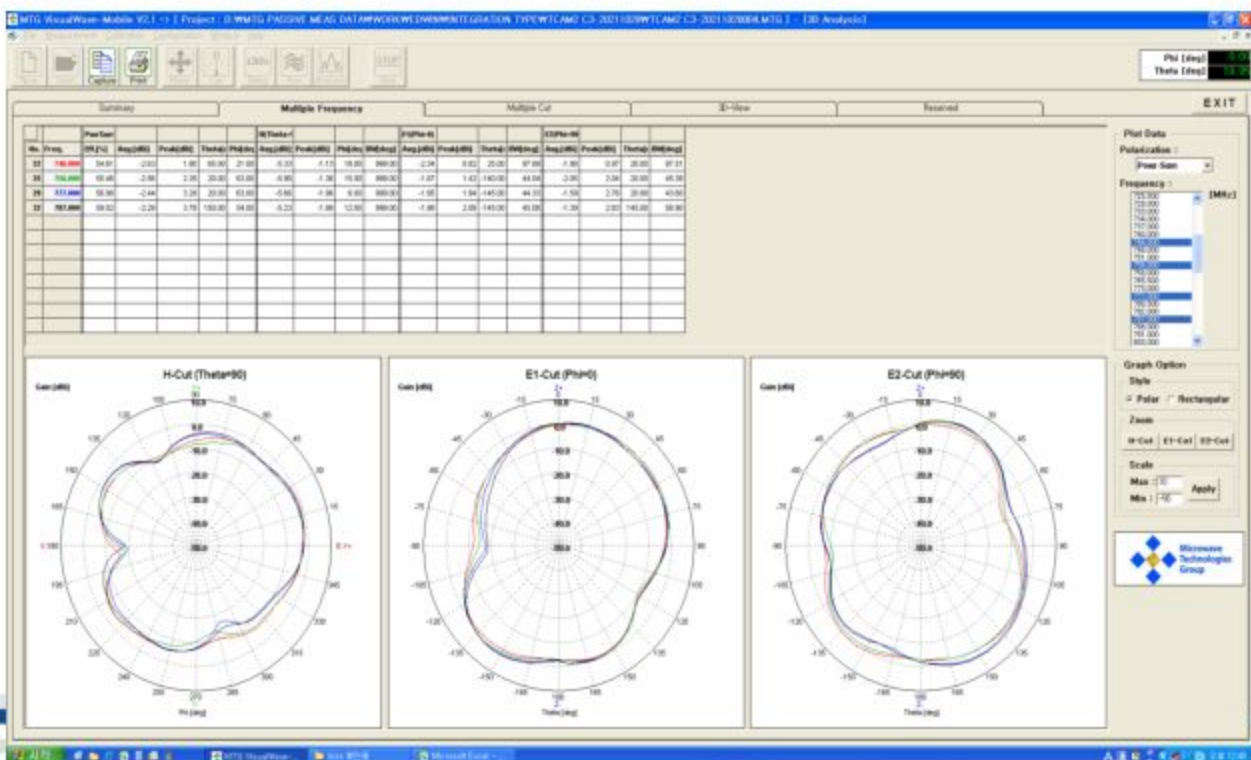
● BEAM PATTERN

1. LTE1

- B71

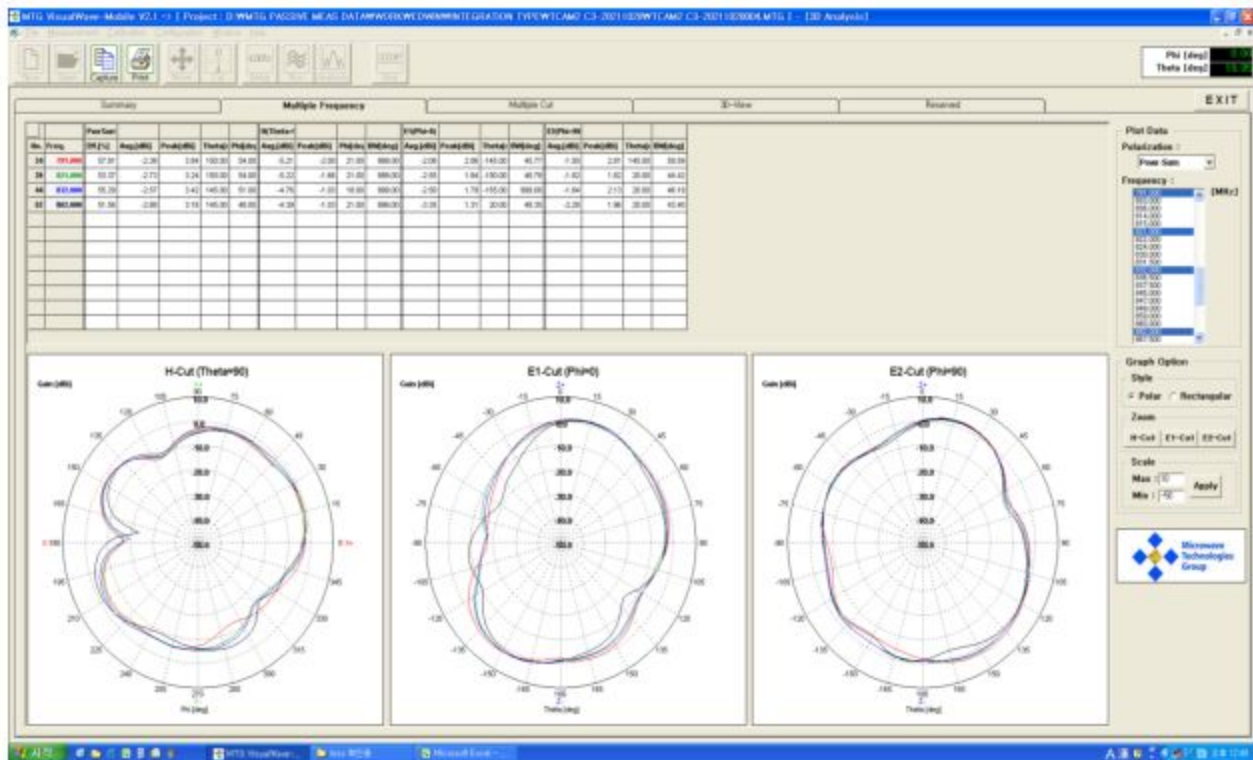


- B13

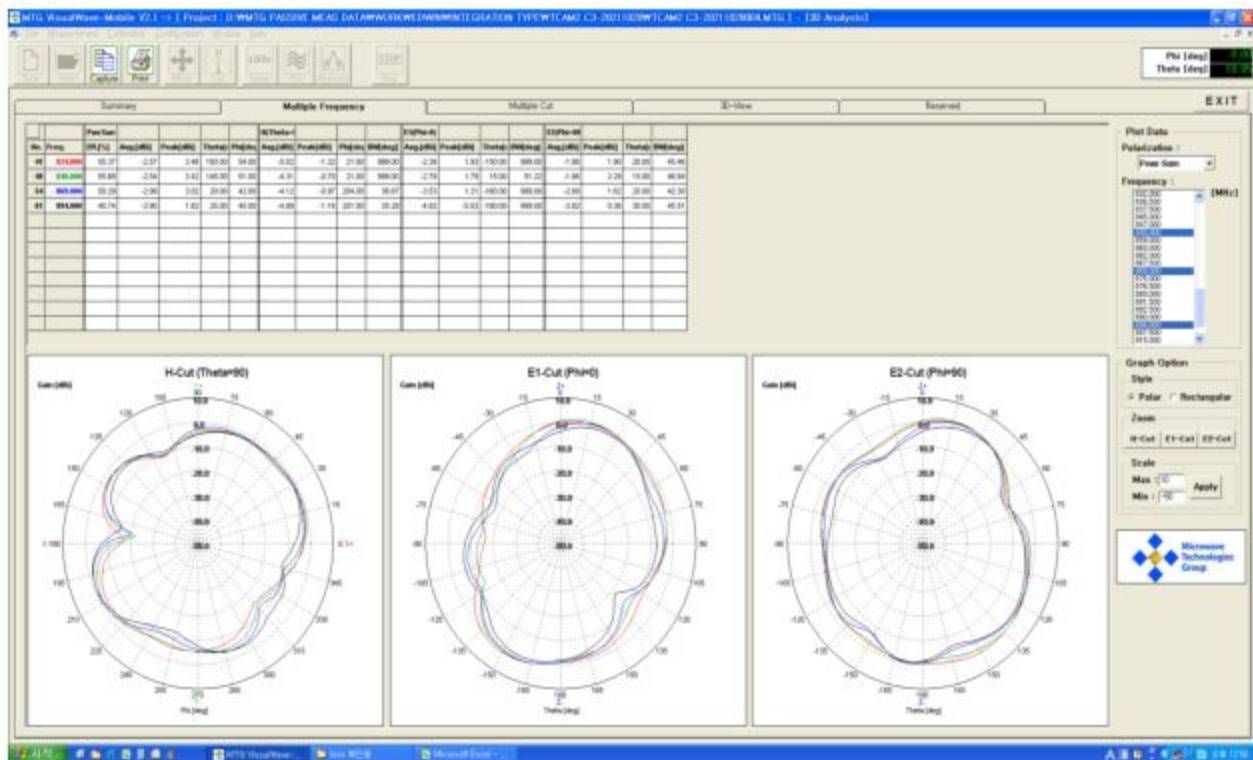


ANTENNA SPECIFICATION

- B20

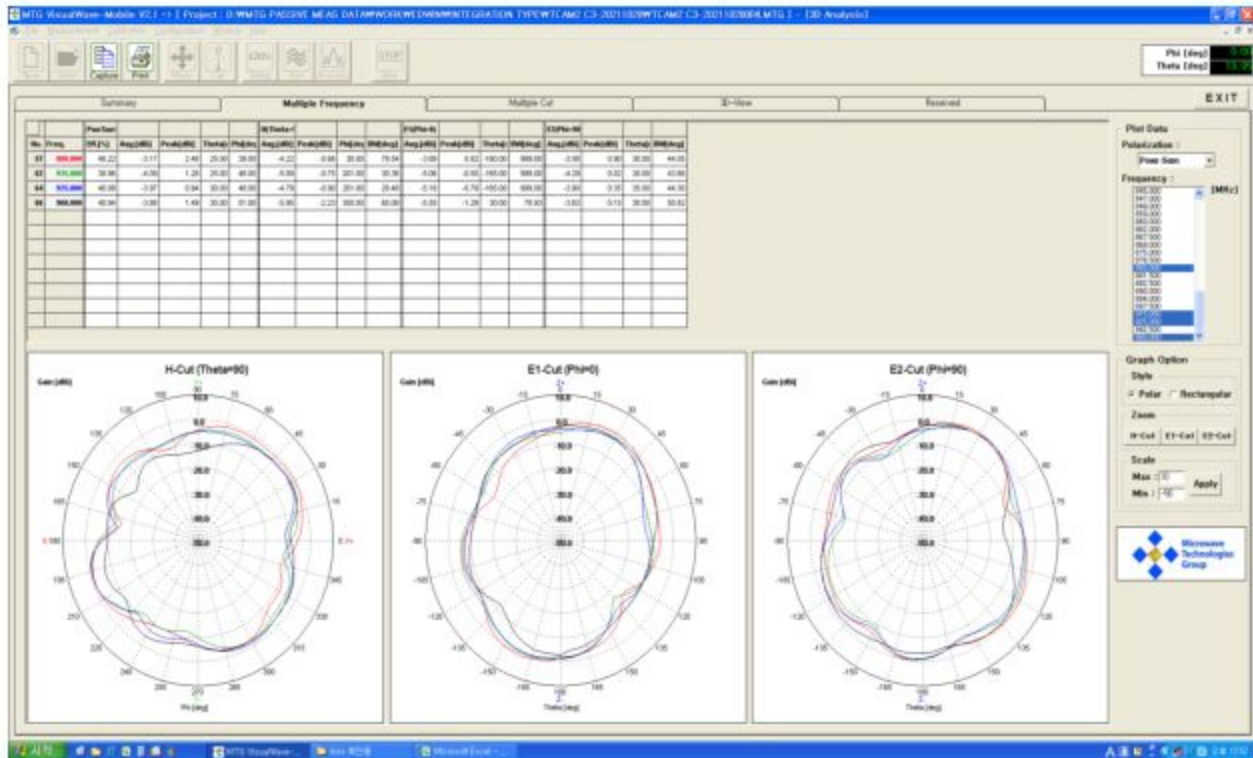


- B5



ANTENNA SPECIFICATION

- B8

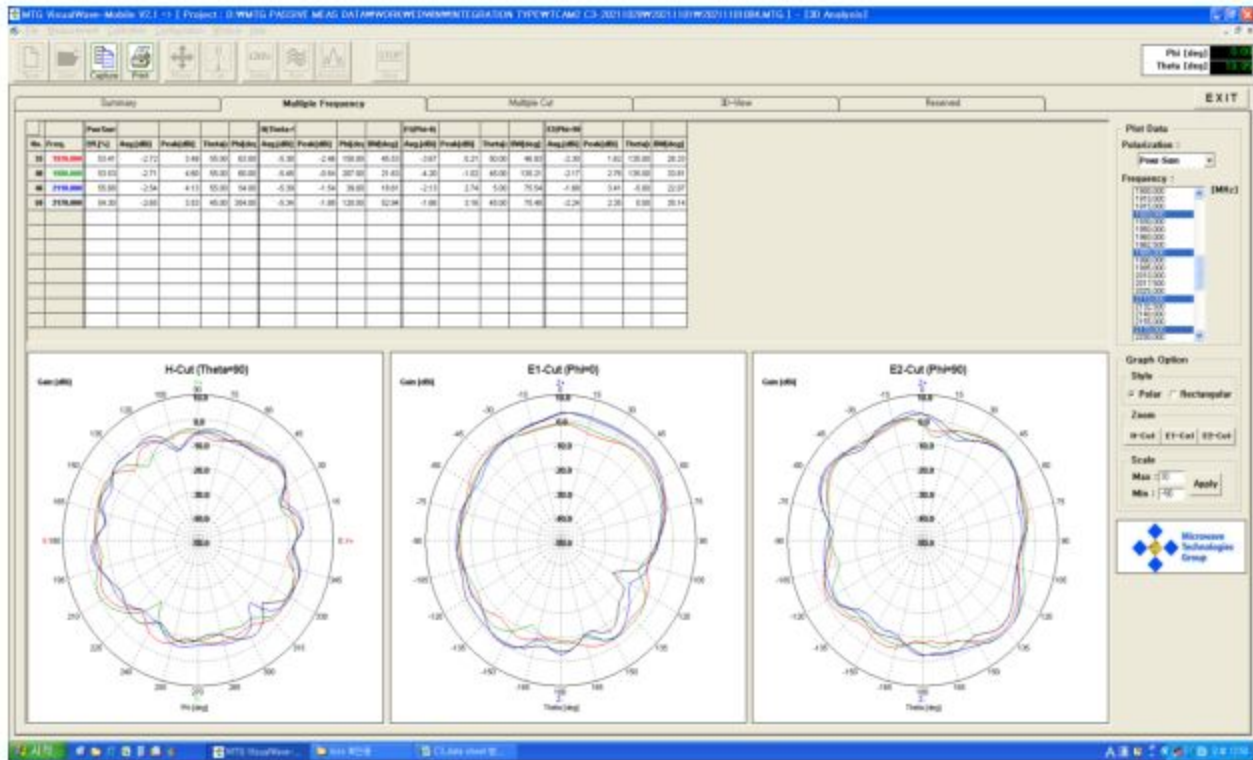


- B3

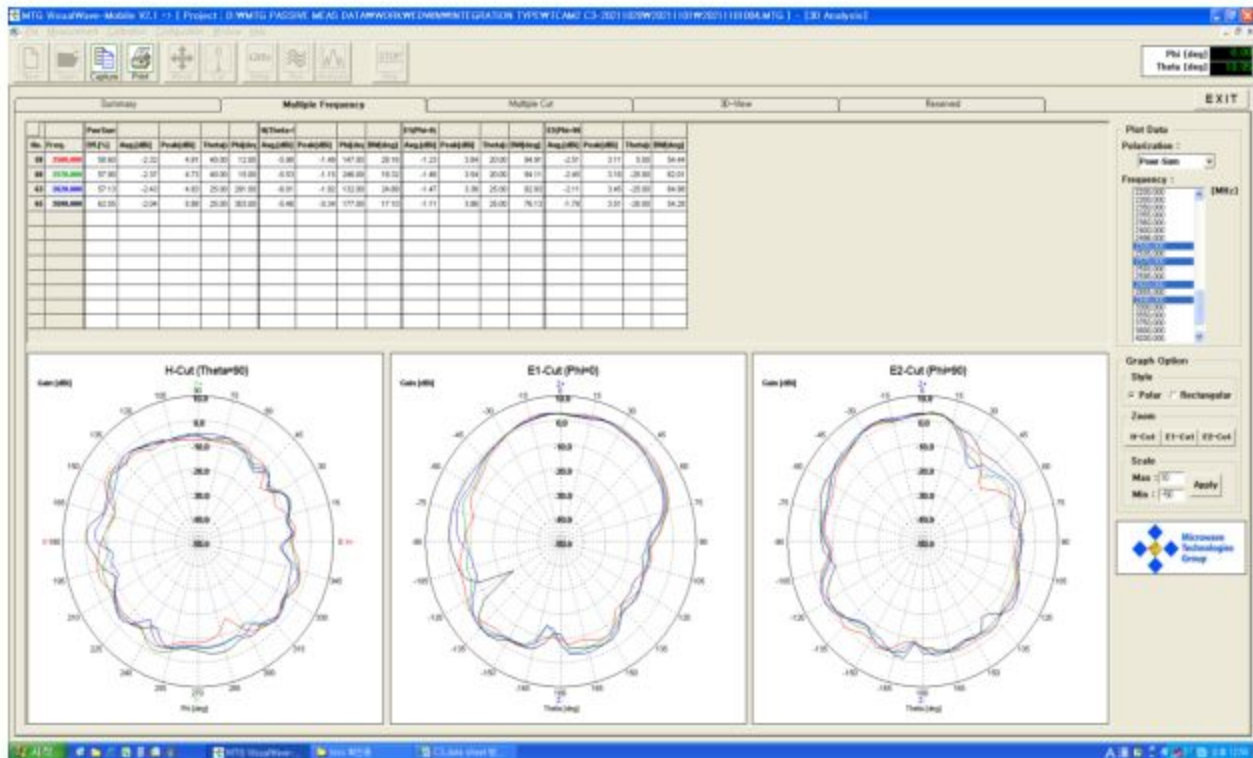


ANTENNA SPECIFICATION

- B1

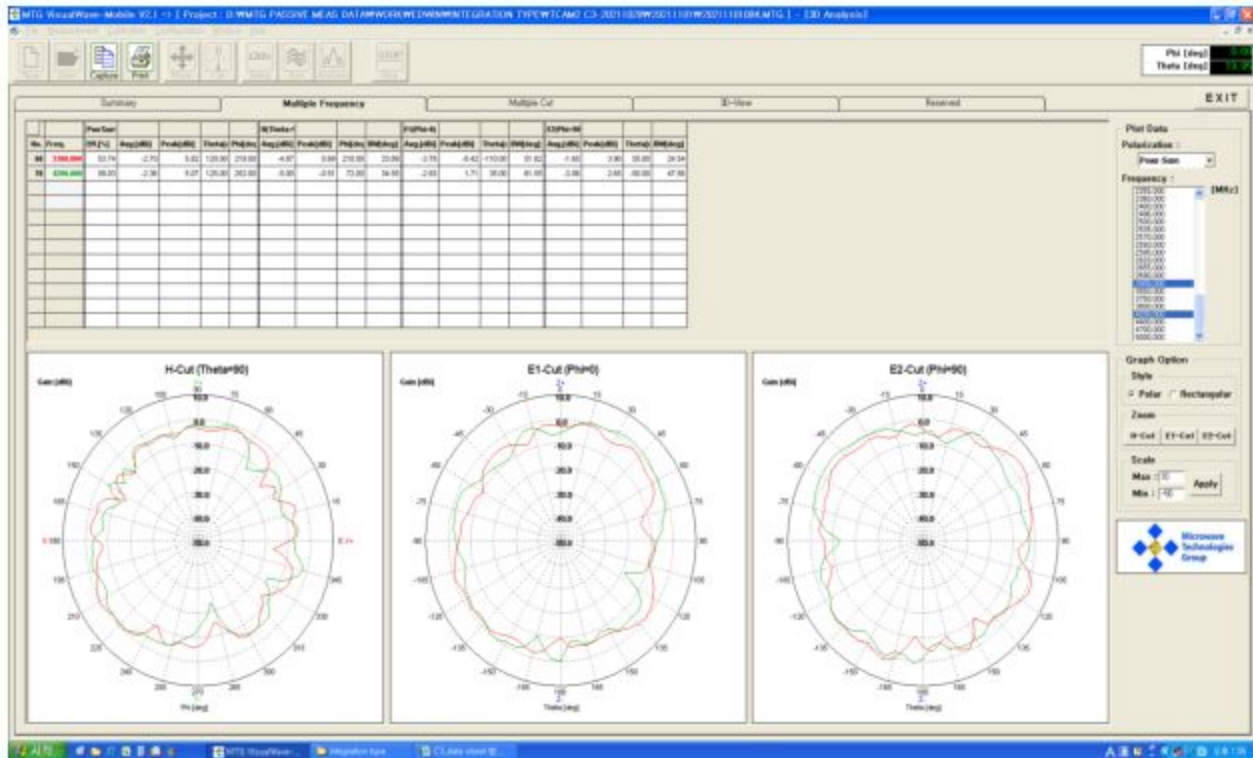


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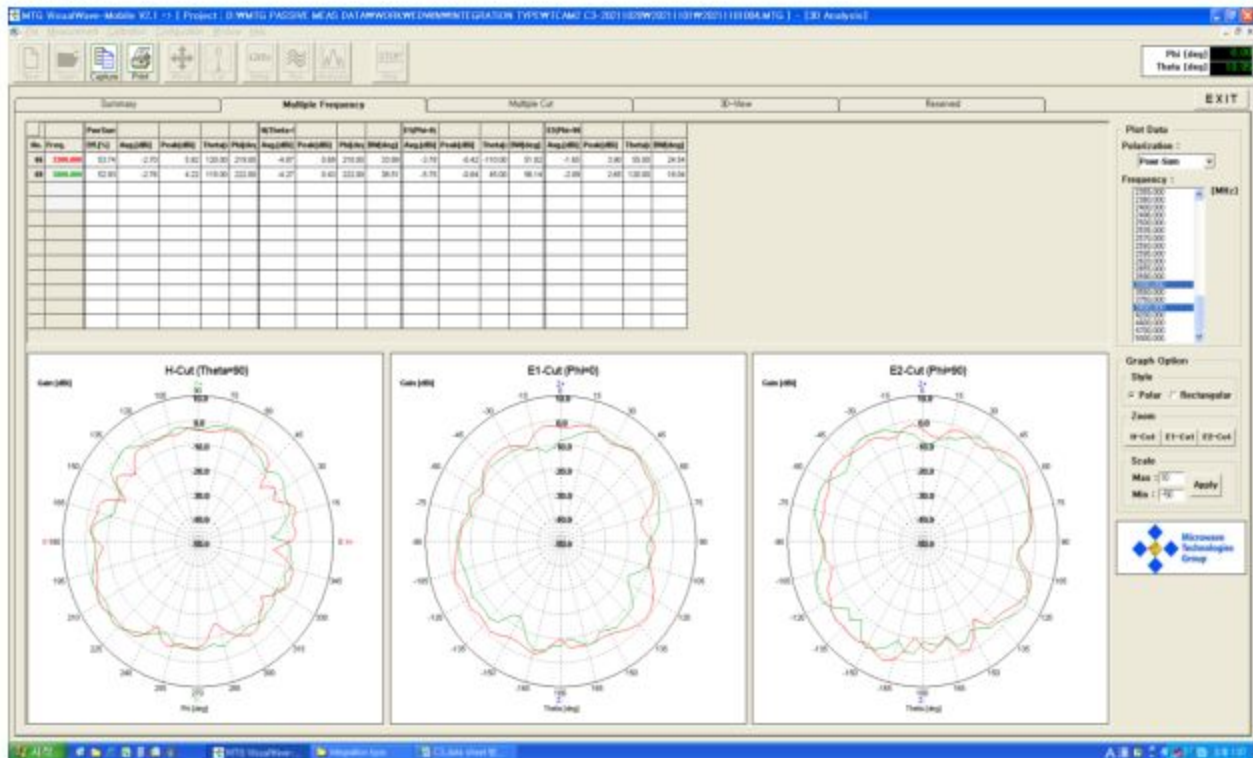


ANTENNA SPECIFICATION

- N77

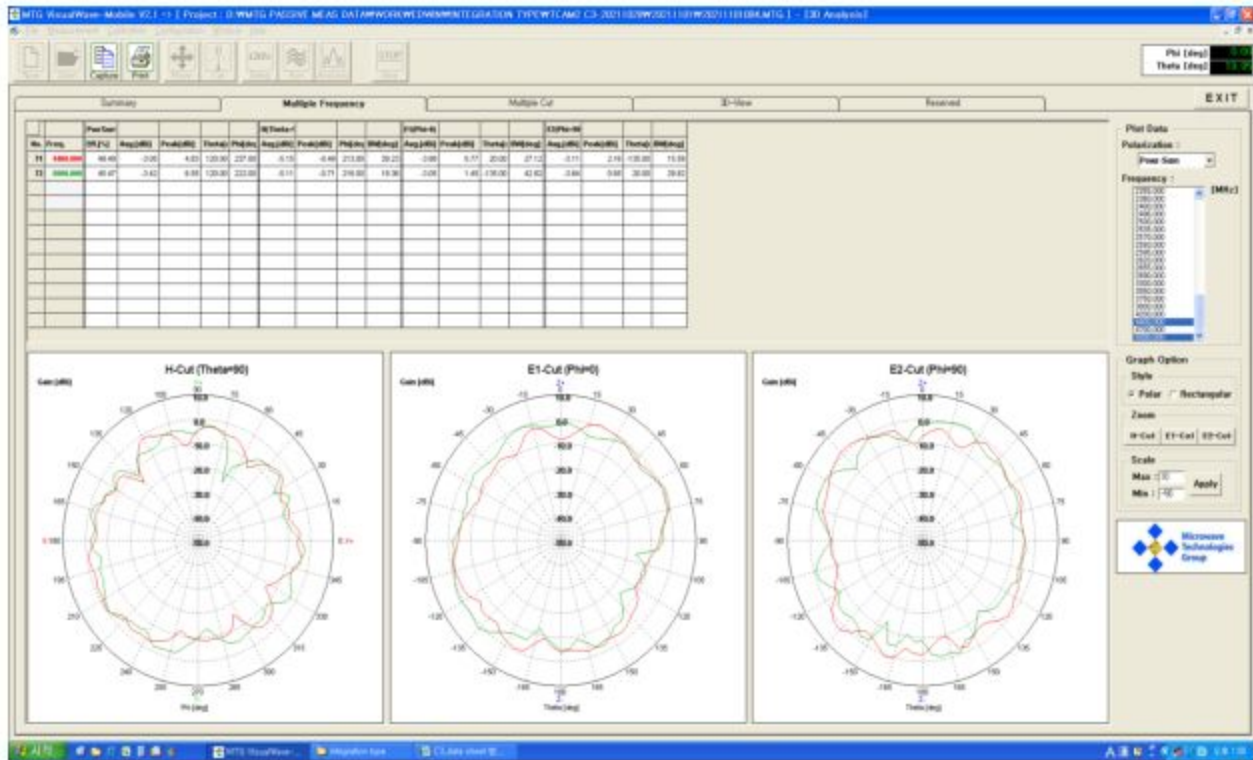


- N78



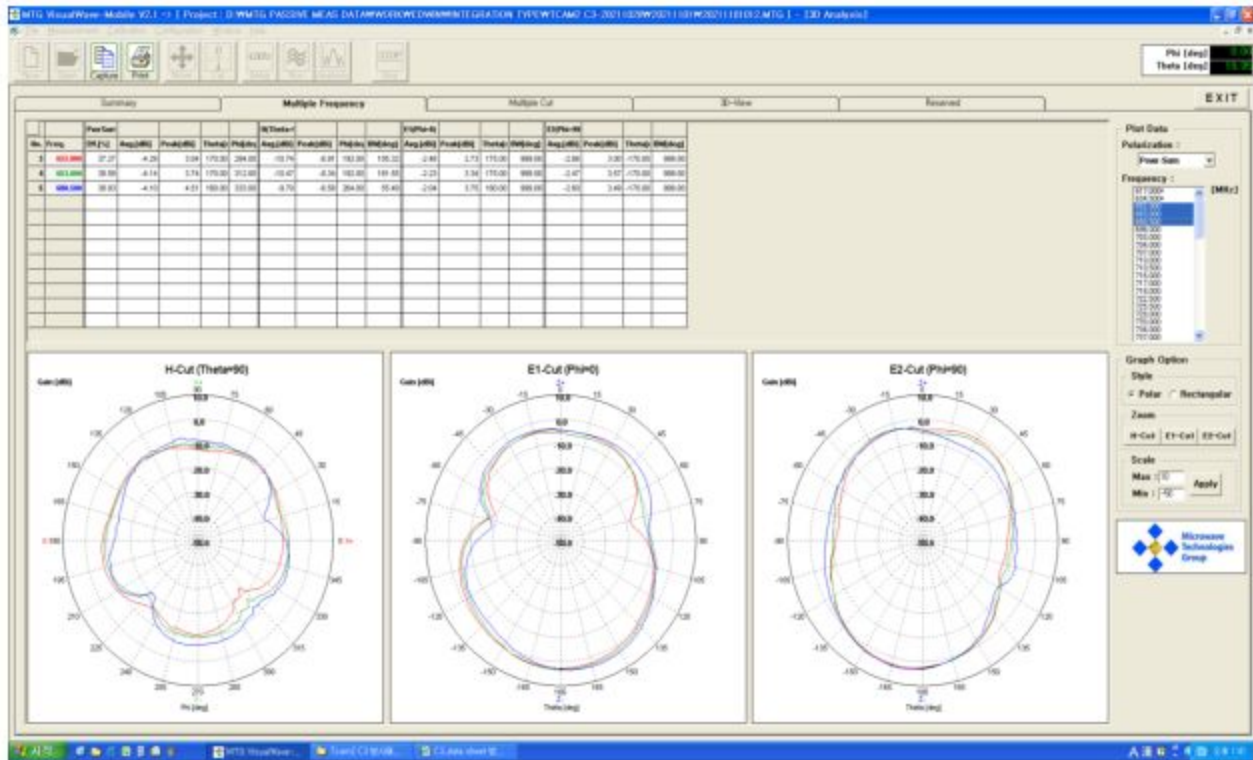
ANTENNA SPECIFICATION

- N79

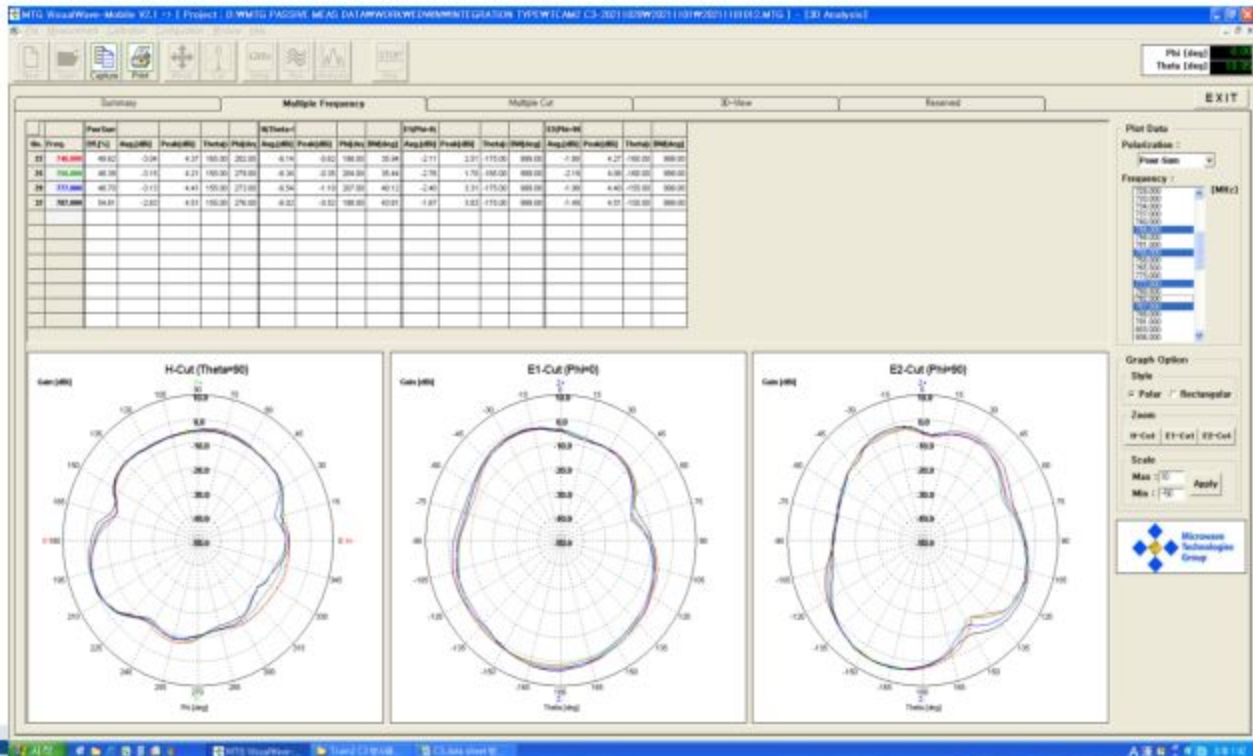


ANTENNA SPECIFICATION

2. LTE2
- B71

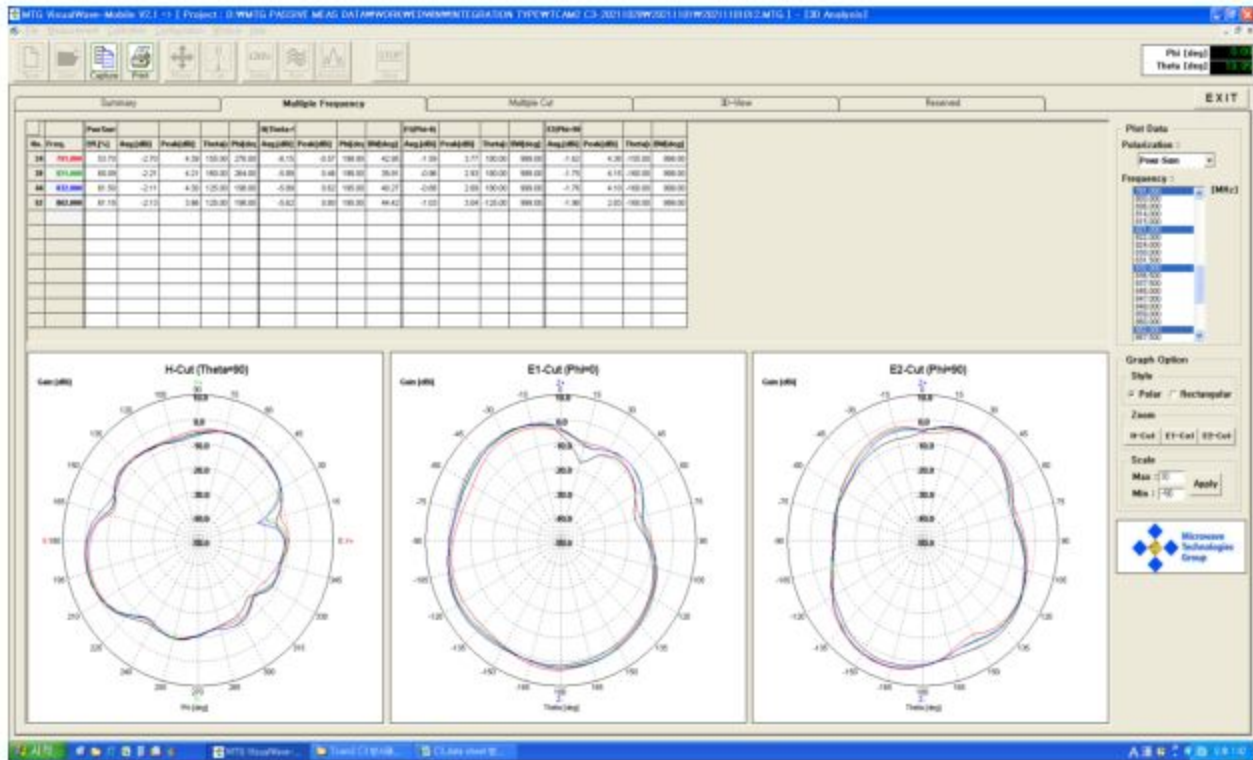


- B13

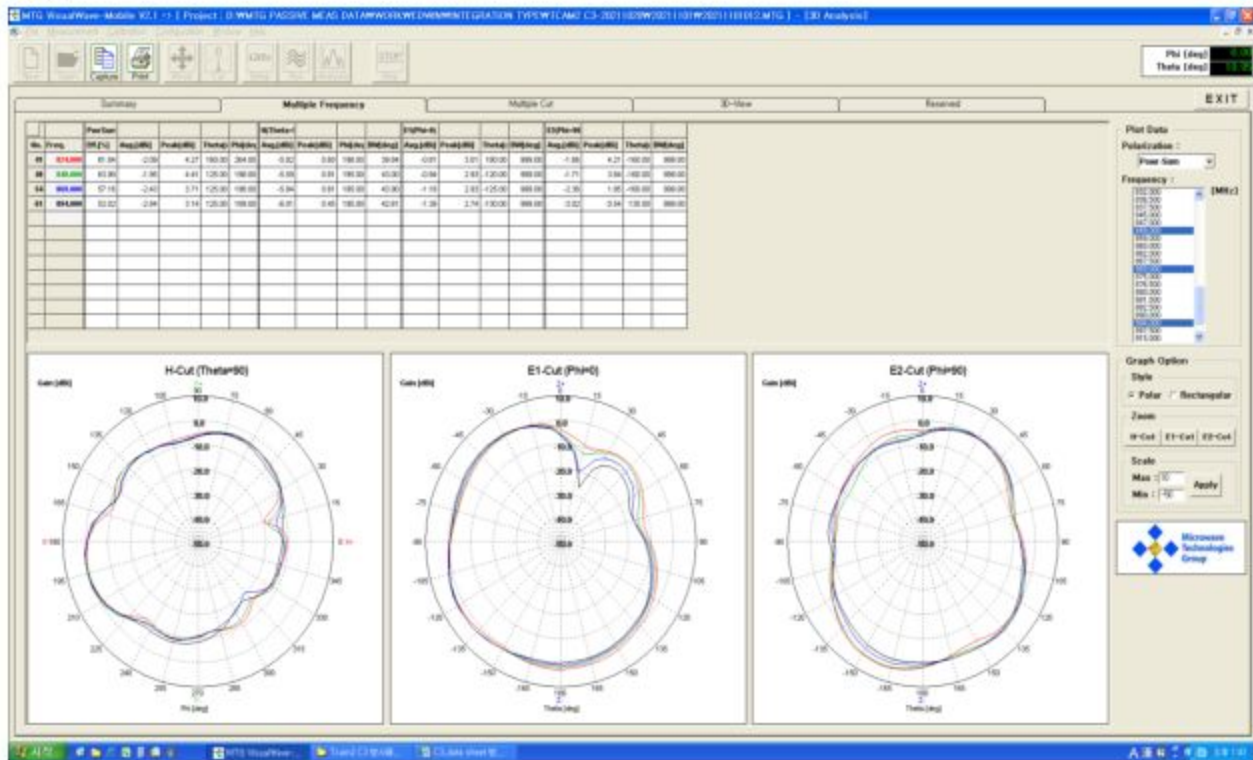


ANTENNA SPECIFICATION

- B20

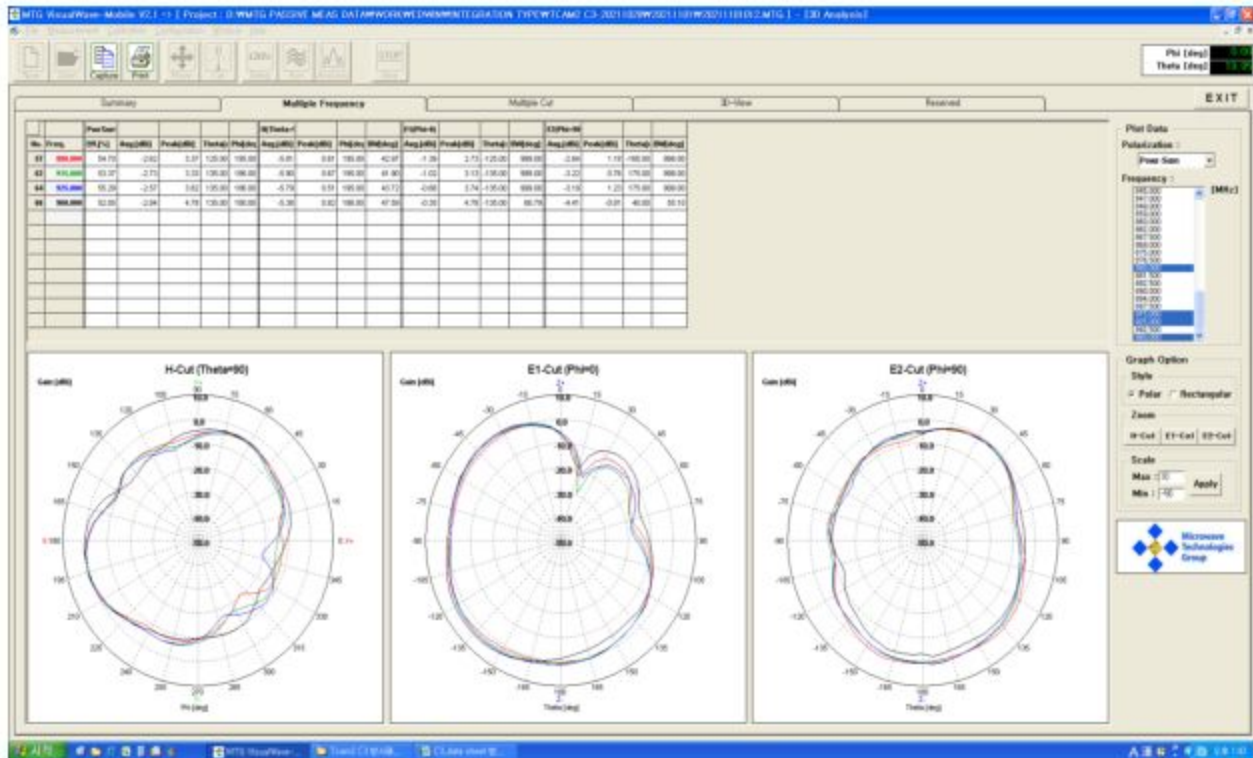


- B5

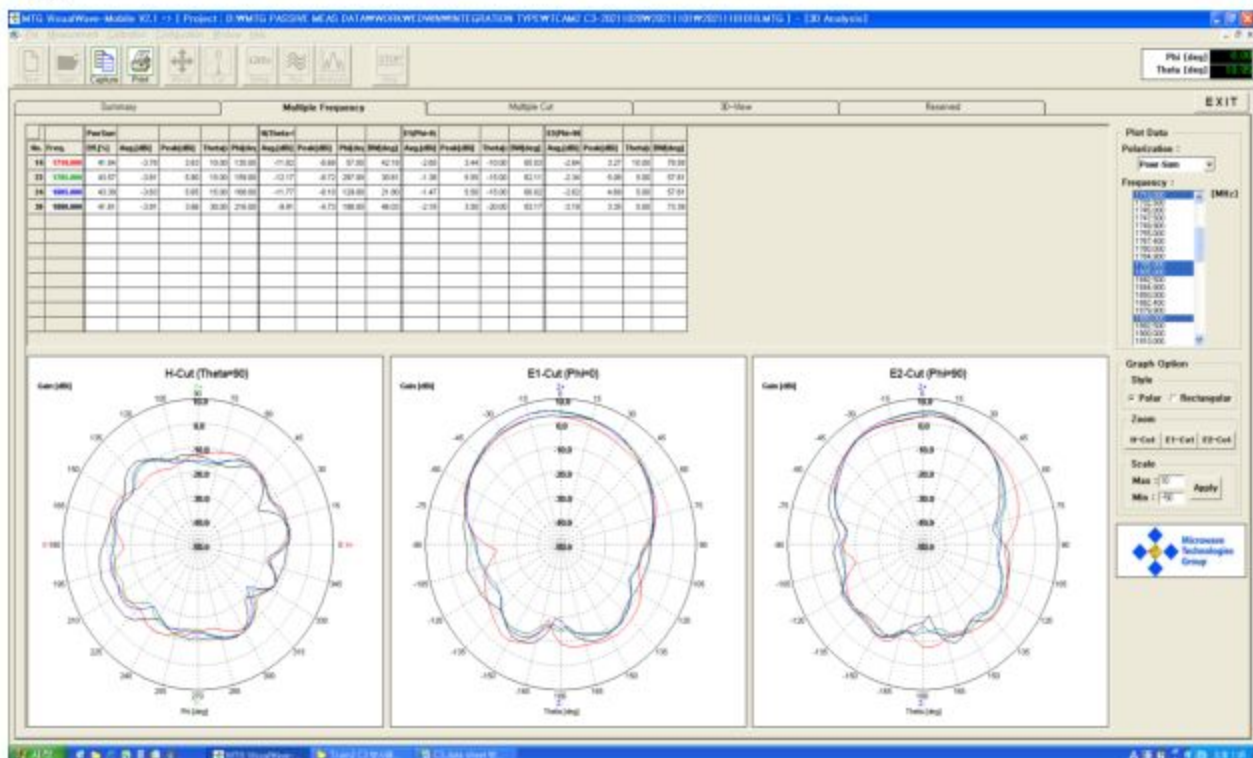


ANTENNA SPECIFICATION

- B8



- B3

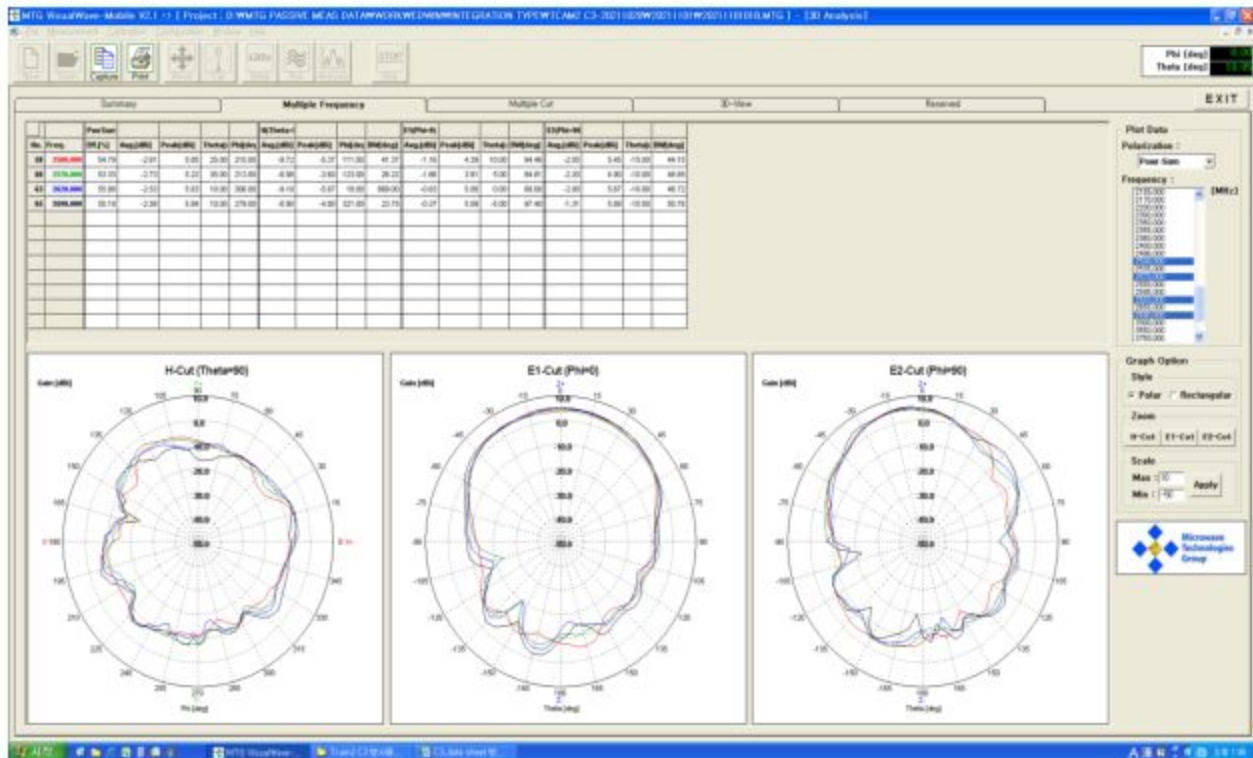


ANTENNA SPECIFICATION

- B1

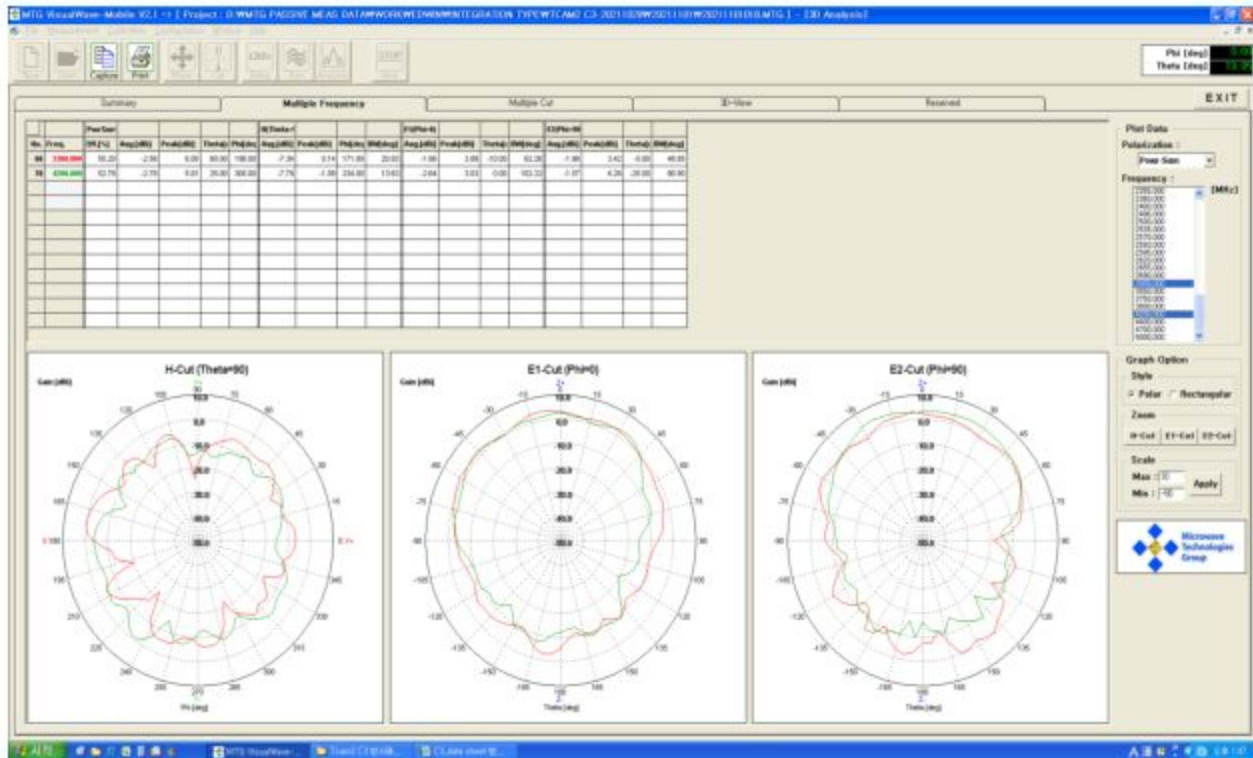


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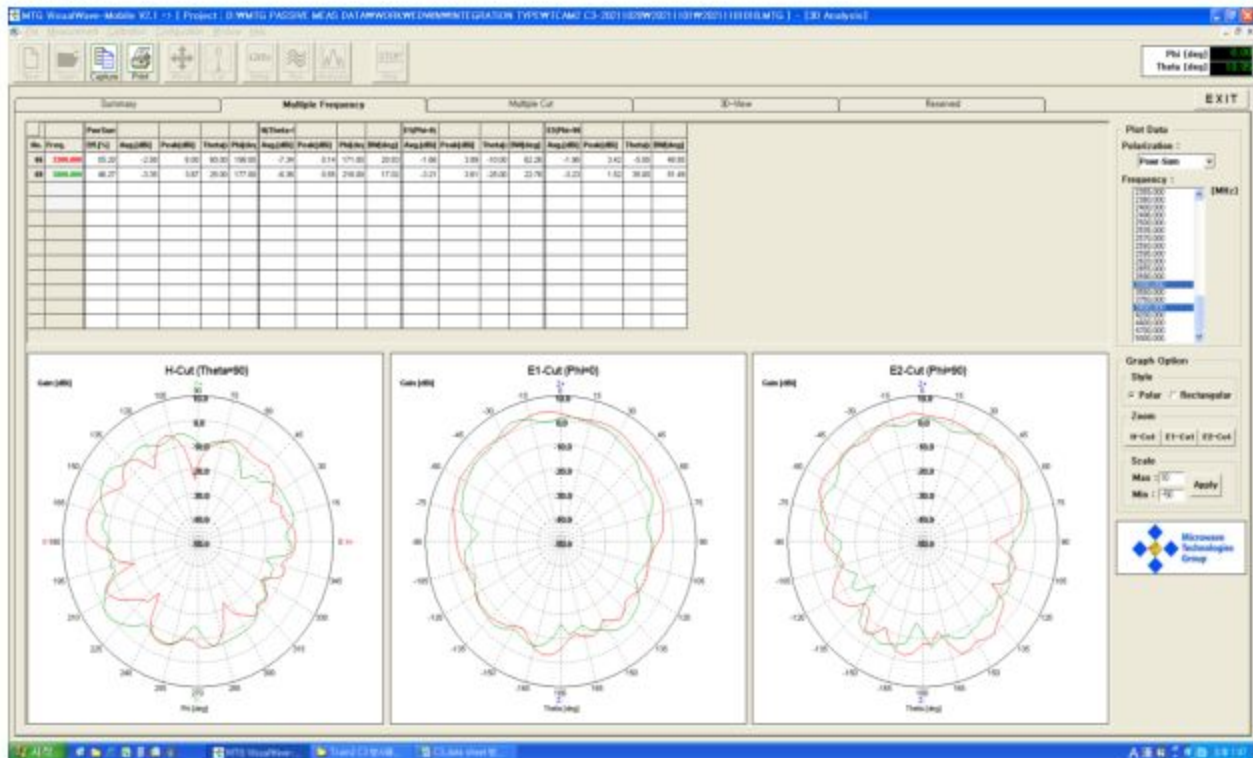


ANTENNA SPECIFICATION

- N77

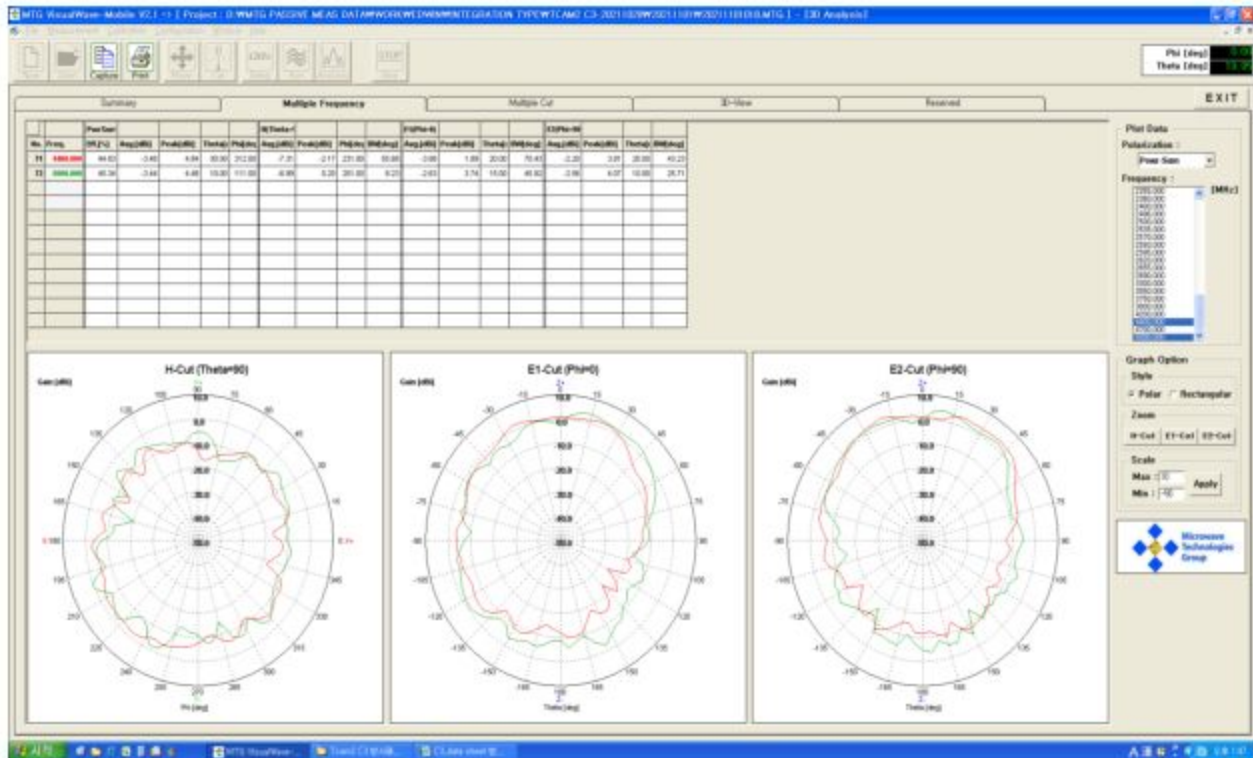


- N78



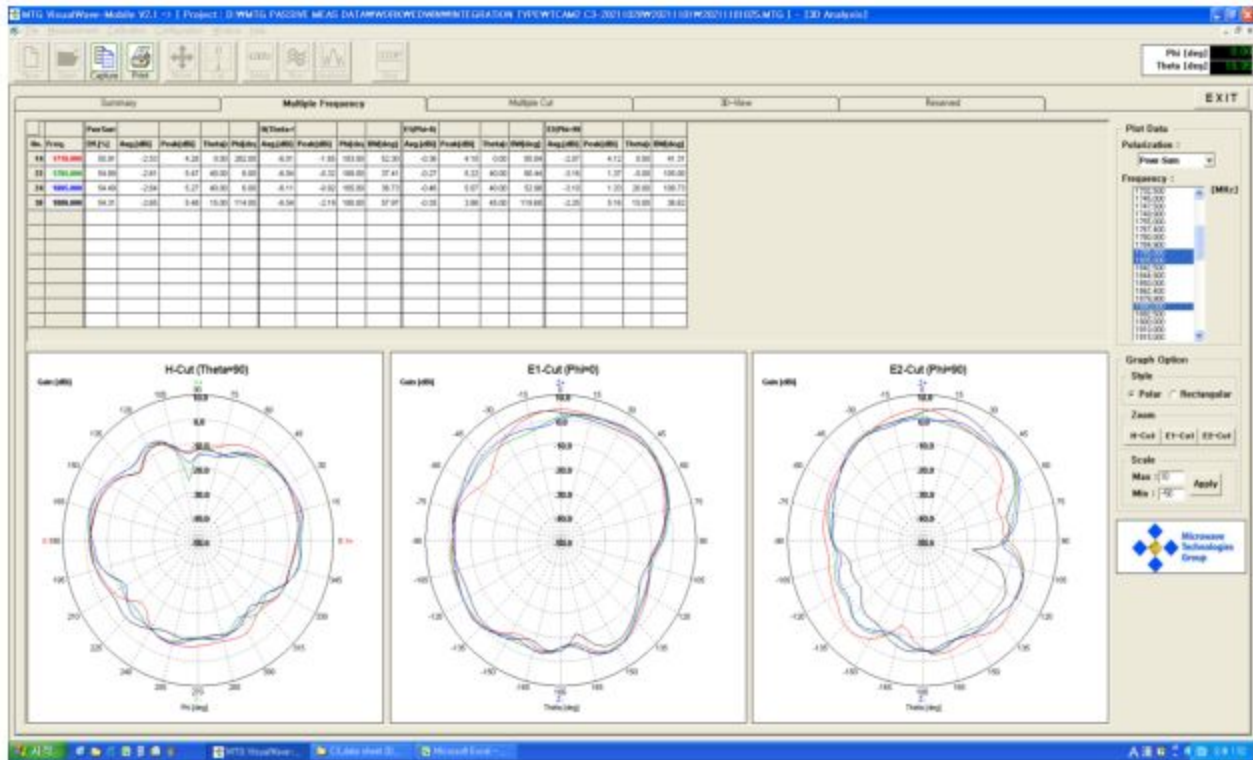
ANTENNA SPECIFICATION

- N79

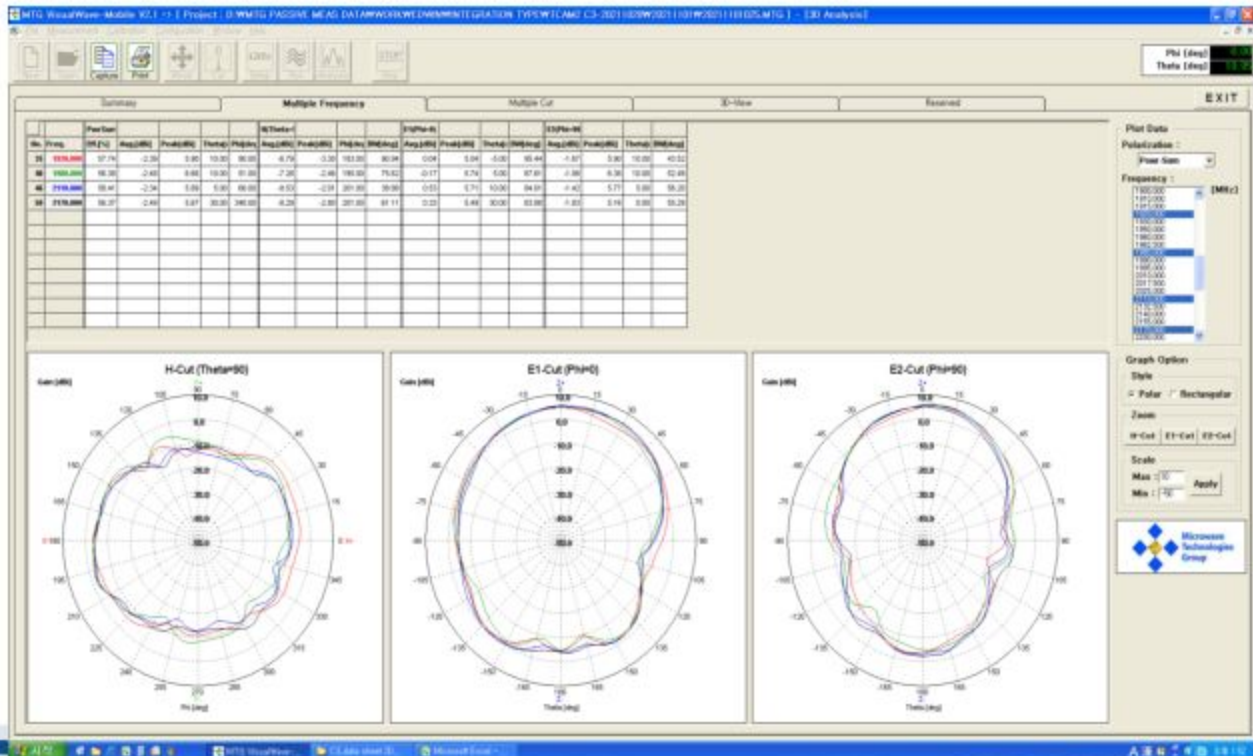


ANTENNA SPECIFICATION

3. LTE3
- B3

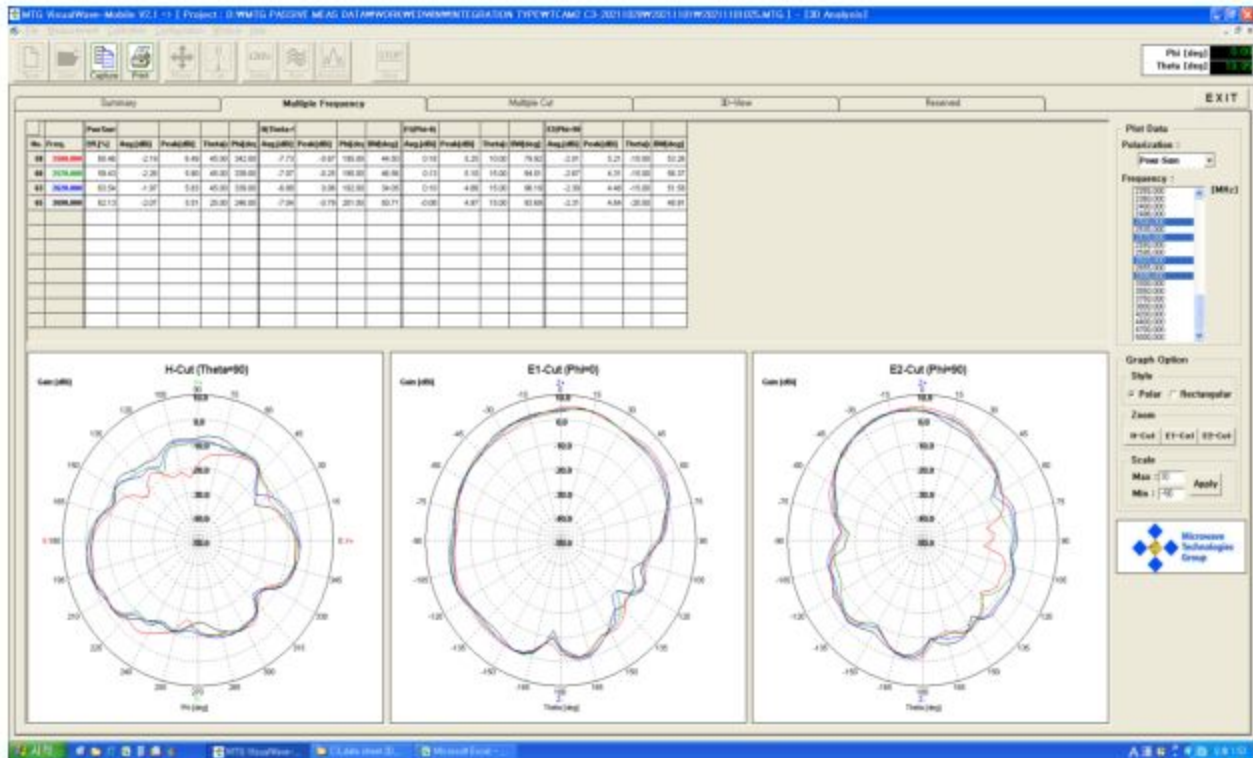


- B1

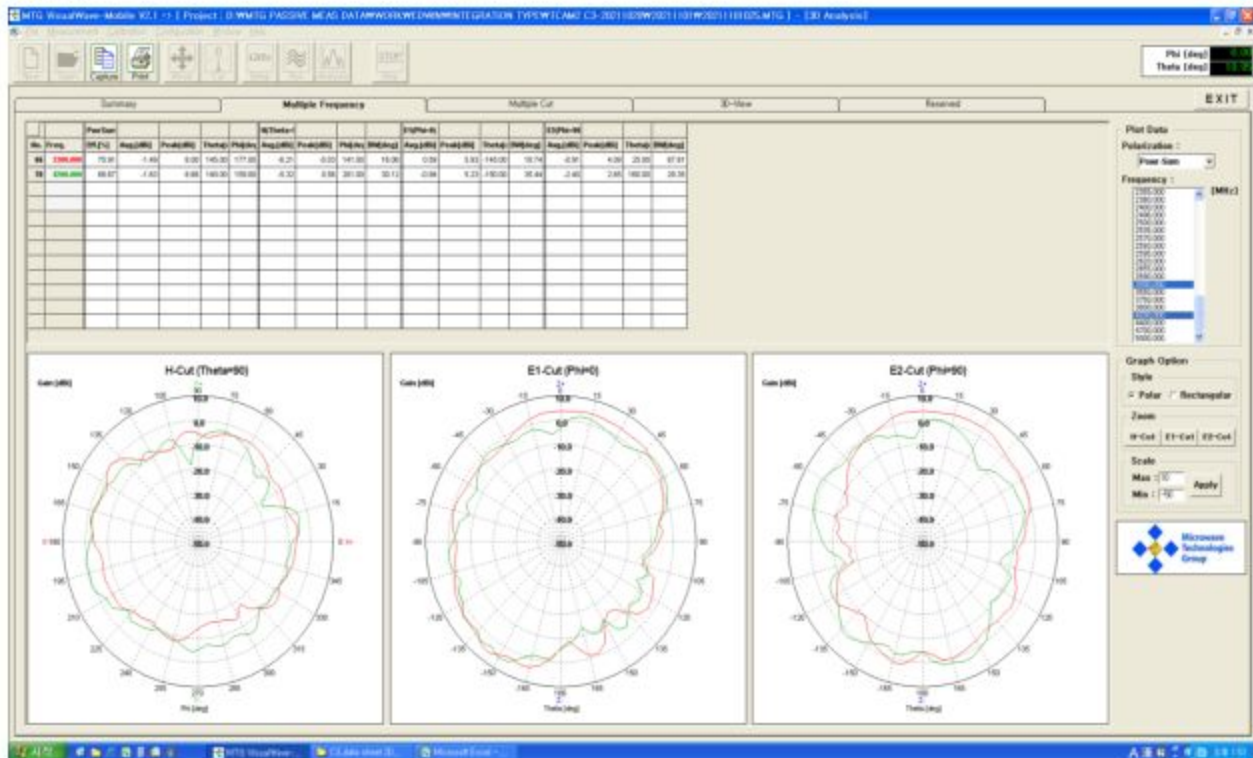


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- B7

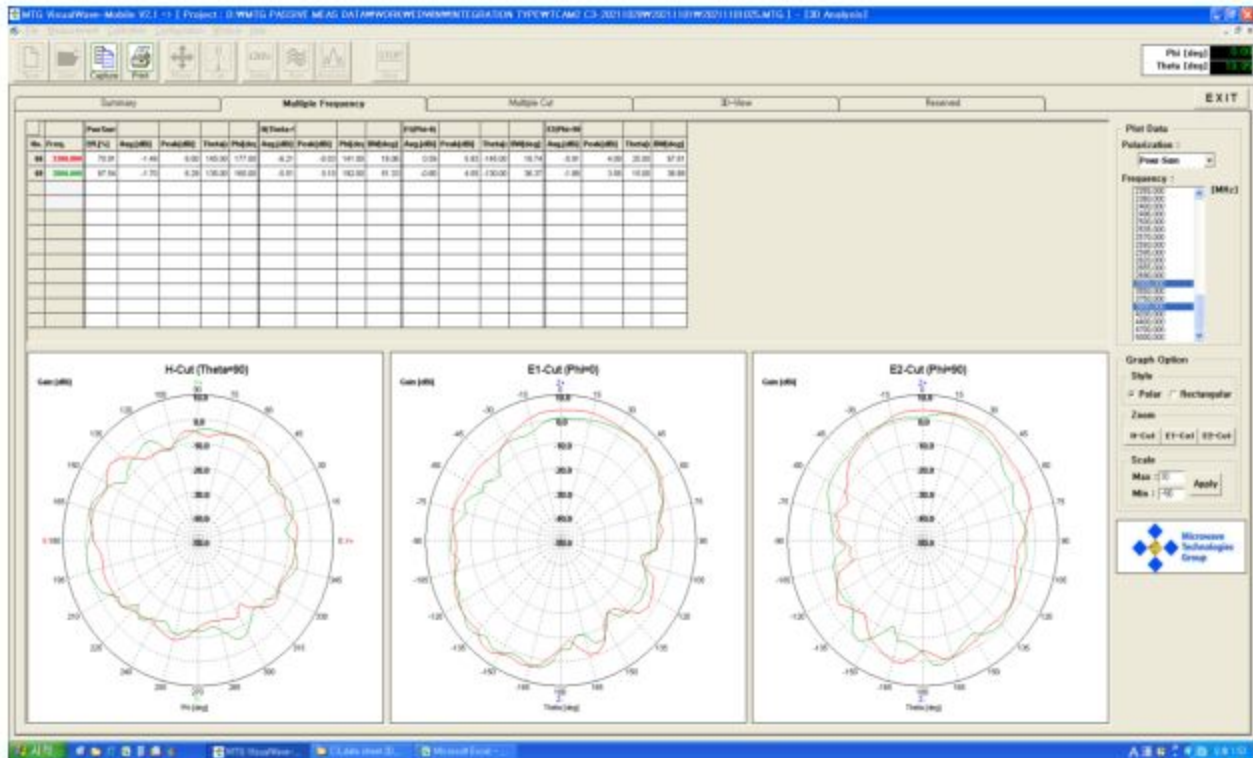


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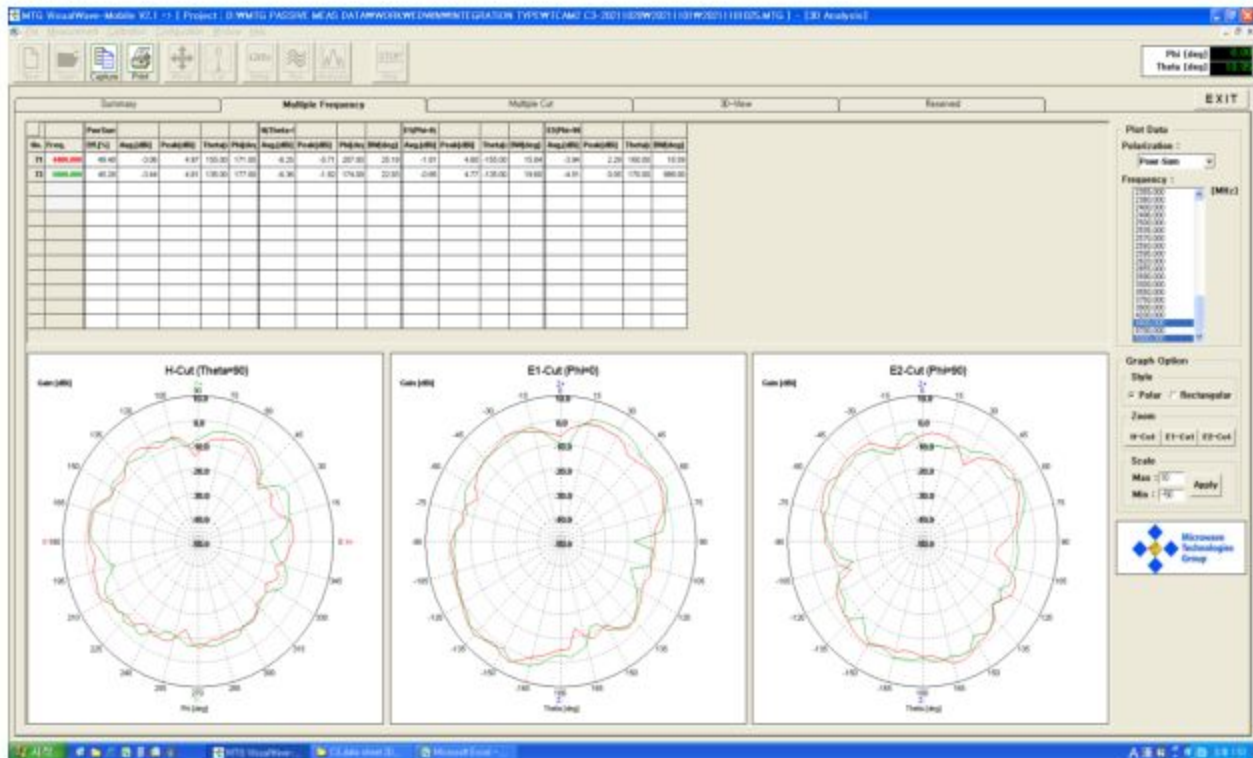


ANTENNA SPECIFICATION

- N78



- N79

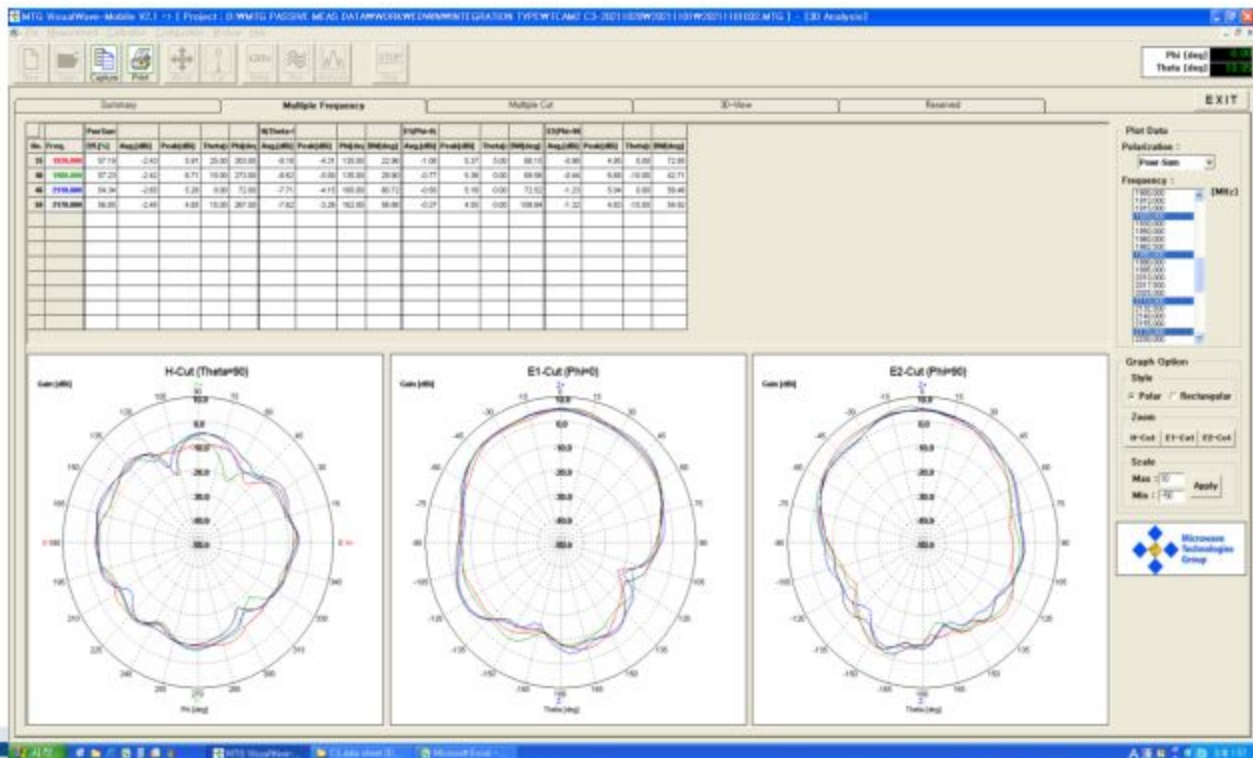


ANTENNA SPECIFICATION

4. LTE4
- B3



- B1

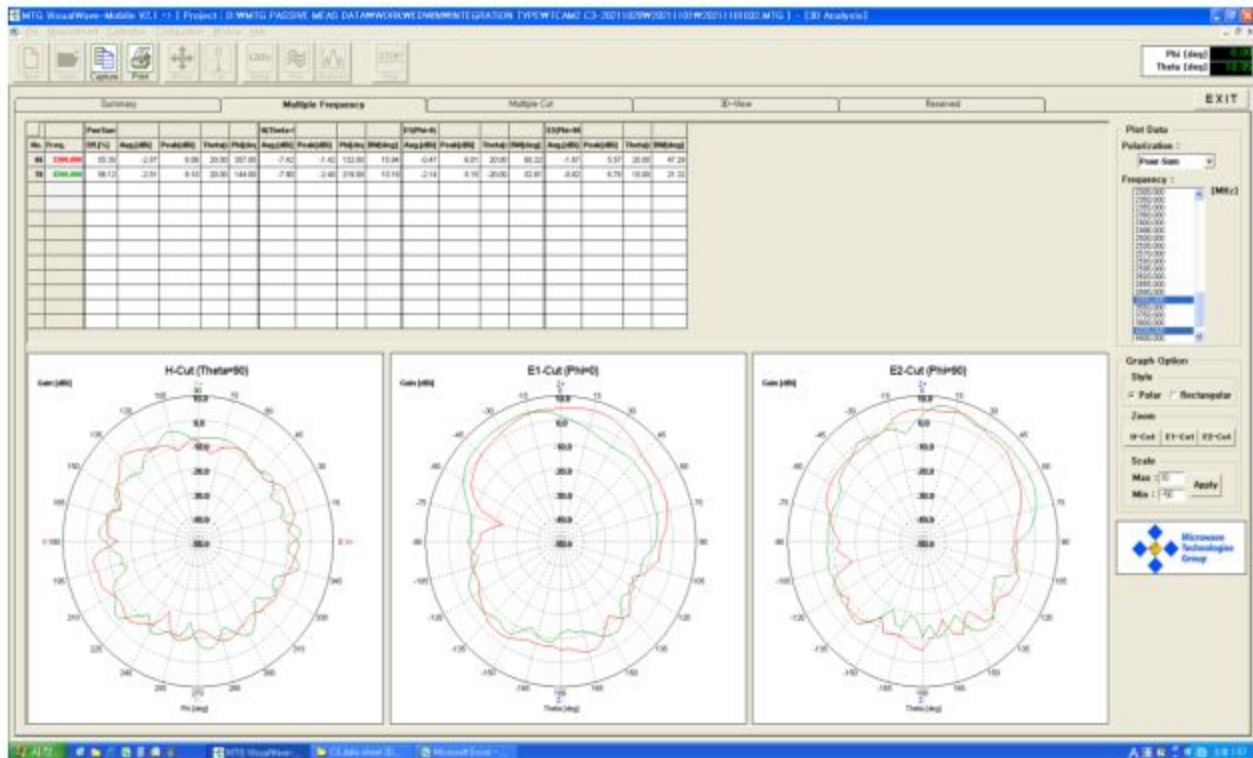


ANTENNA SPECIFICATION

- B7

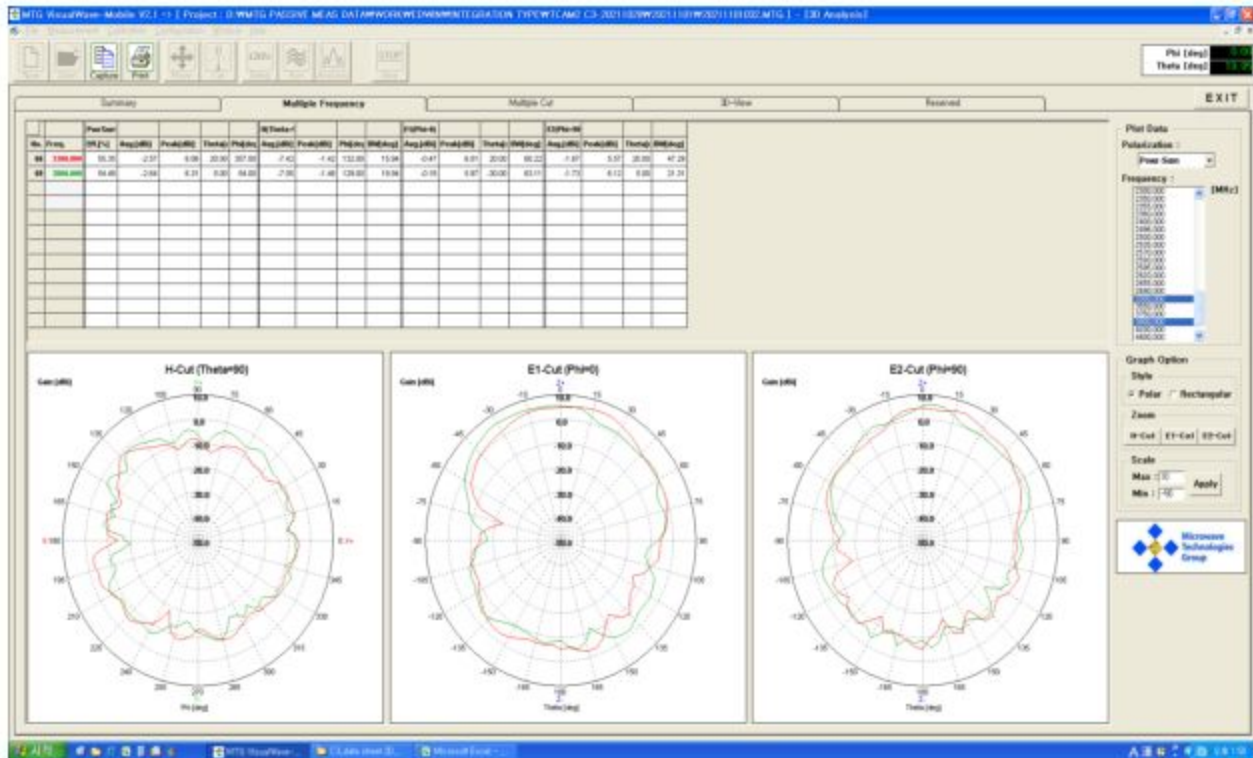


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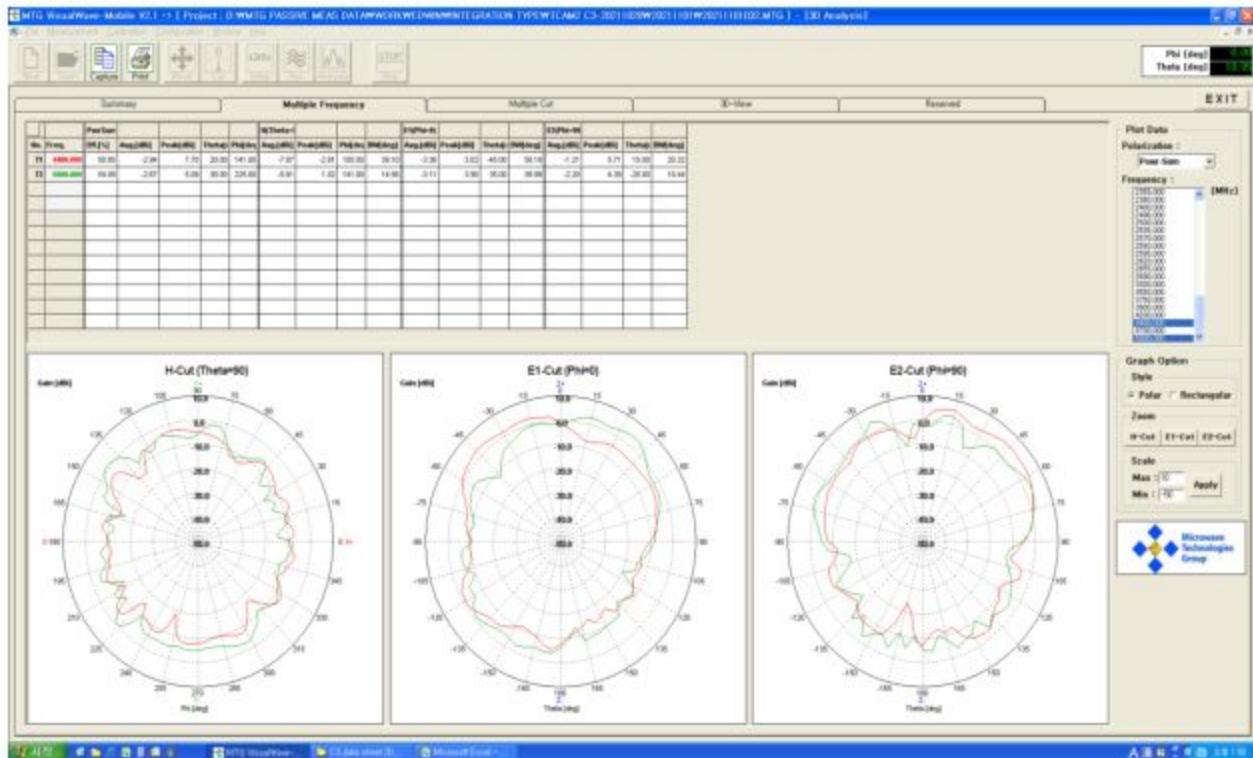


ANTENNA SPECIFICATION

- N78



- N79



ANTENNA SPECIFICATION

● PRODUCT DRAWING

