



[PKM8720DF-C13] module antenna test report

Jeany Ling

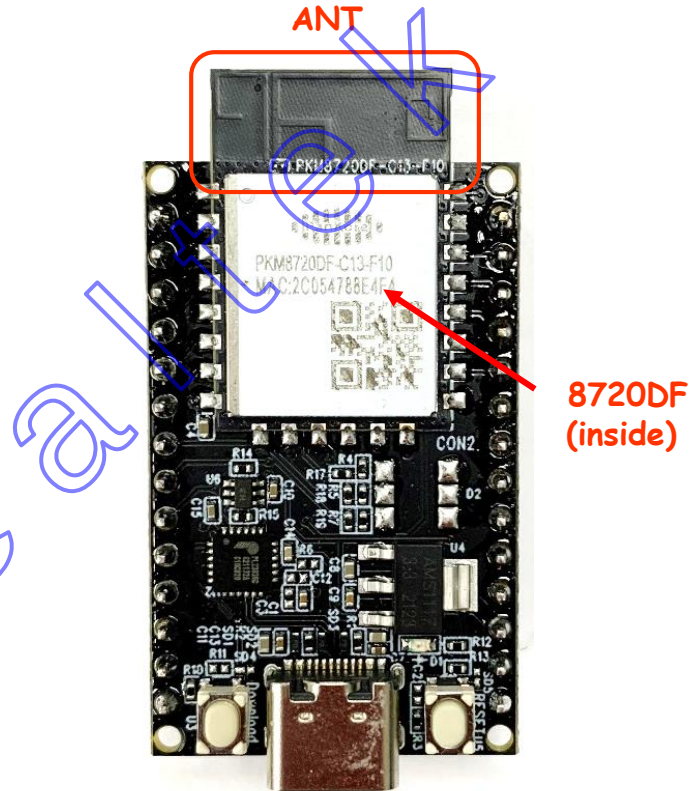
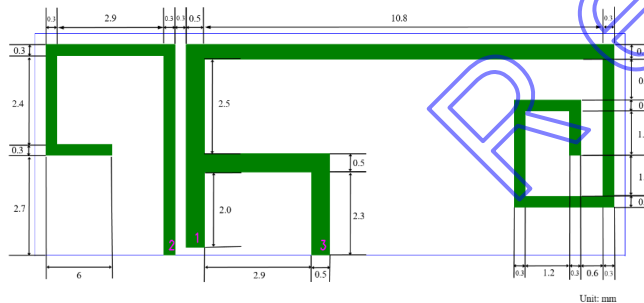
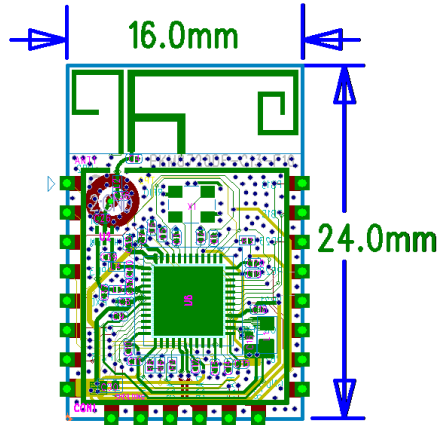
Dec. 19, 2022





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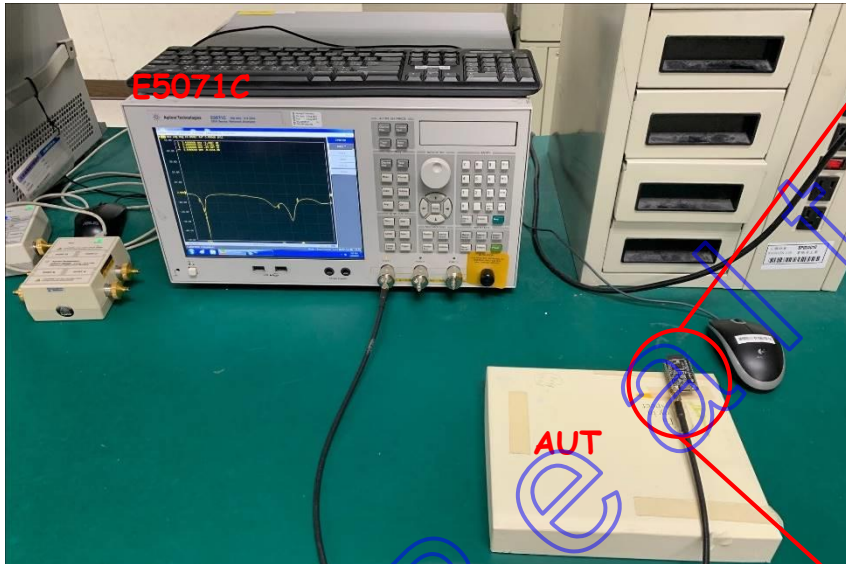
- Antenna structure
- Photo



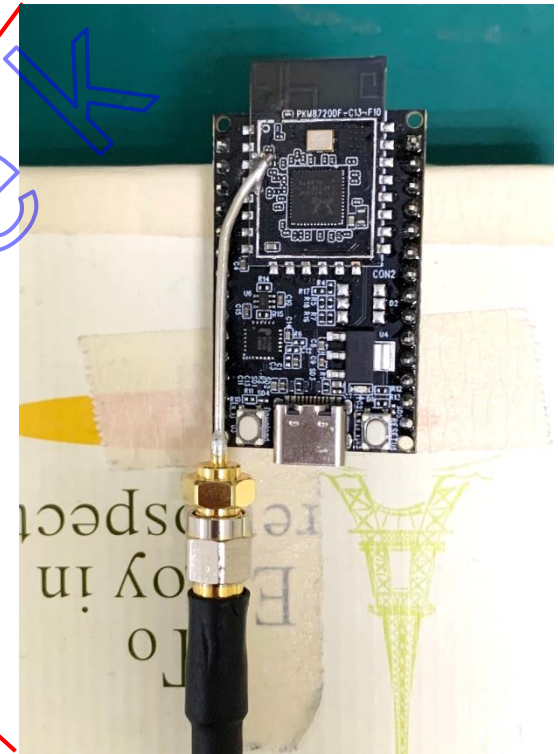


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- Setup Environment



@RTK Lab

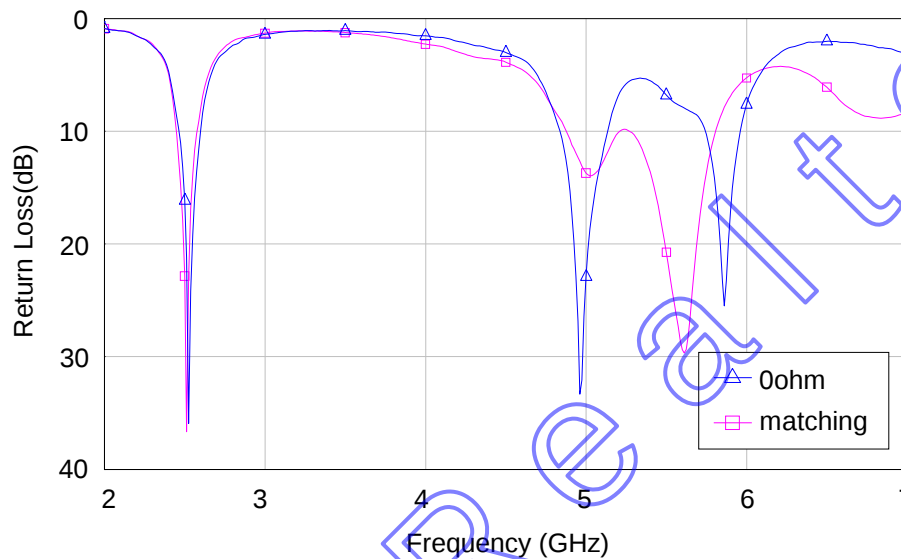




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- Return Loss

10-dB BW	2.43~ 2.57 GHz	4.87 ~ 5.81 GHz
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* C4=0.1pF, L2=1.5nH, C36=NC

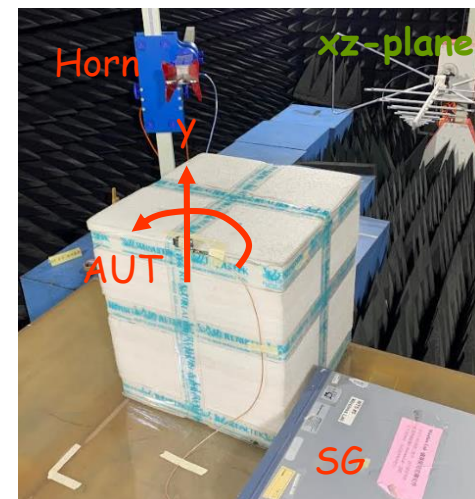
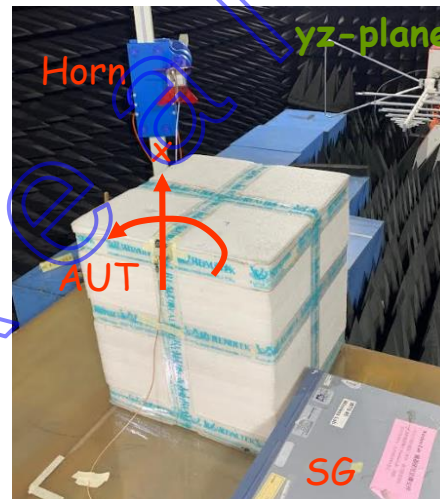
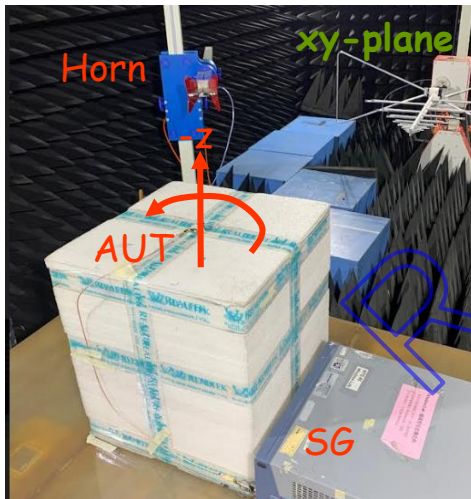
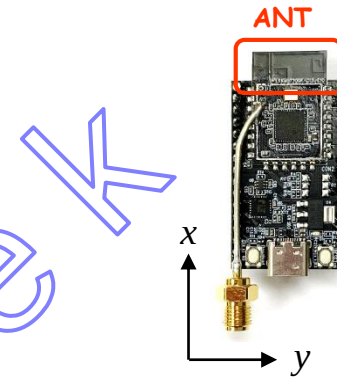




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• Radiation Patterns

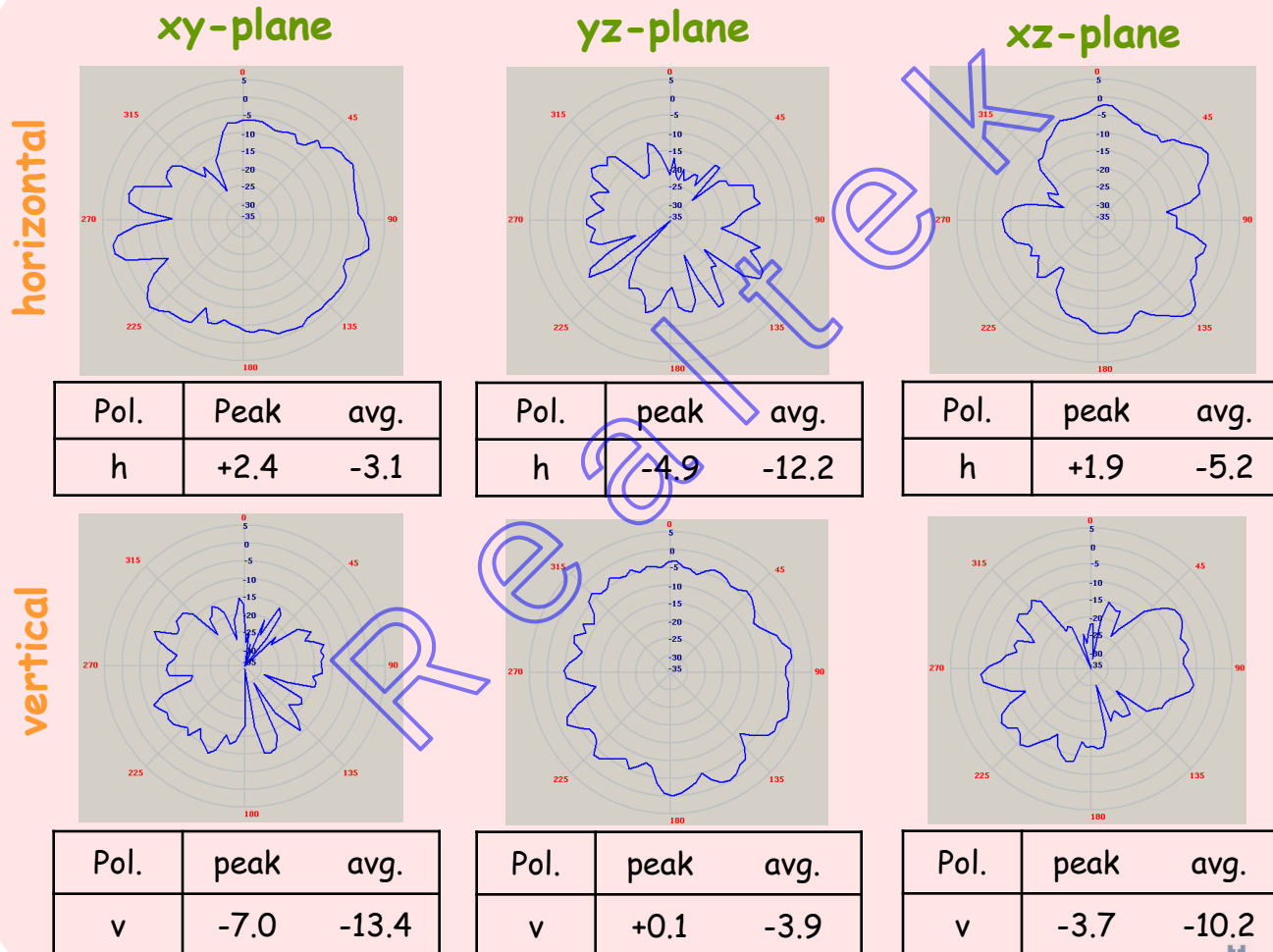
- Frequency : 2400MHz, 2450MHz, 2480MHz, 5150MHz, 5500MHz, 5850MHz
- Test plane : xy-plane, yz-plane and xz-plane
- Input power : SG 0dBm
- Place: RTK 4F chamber
- Horn h: horizontal polarization
- Horn v: vertical polarization





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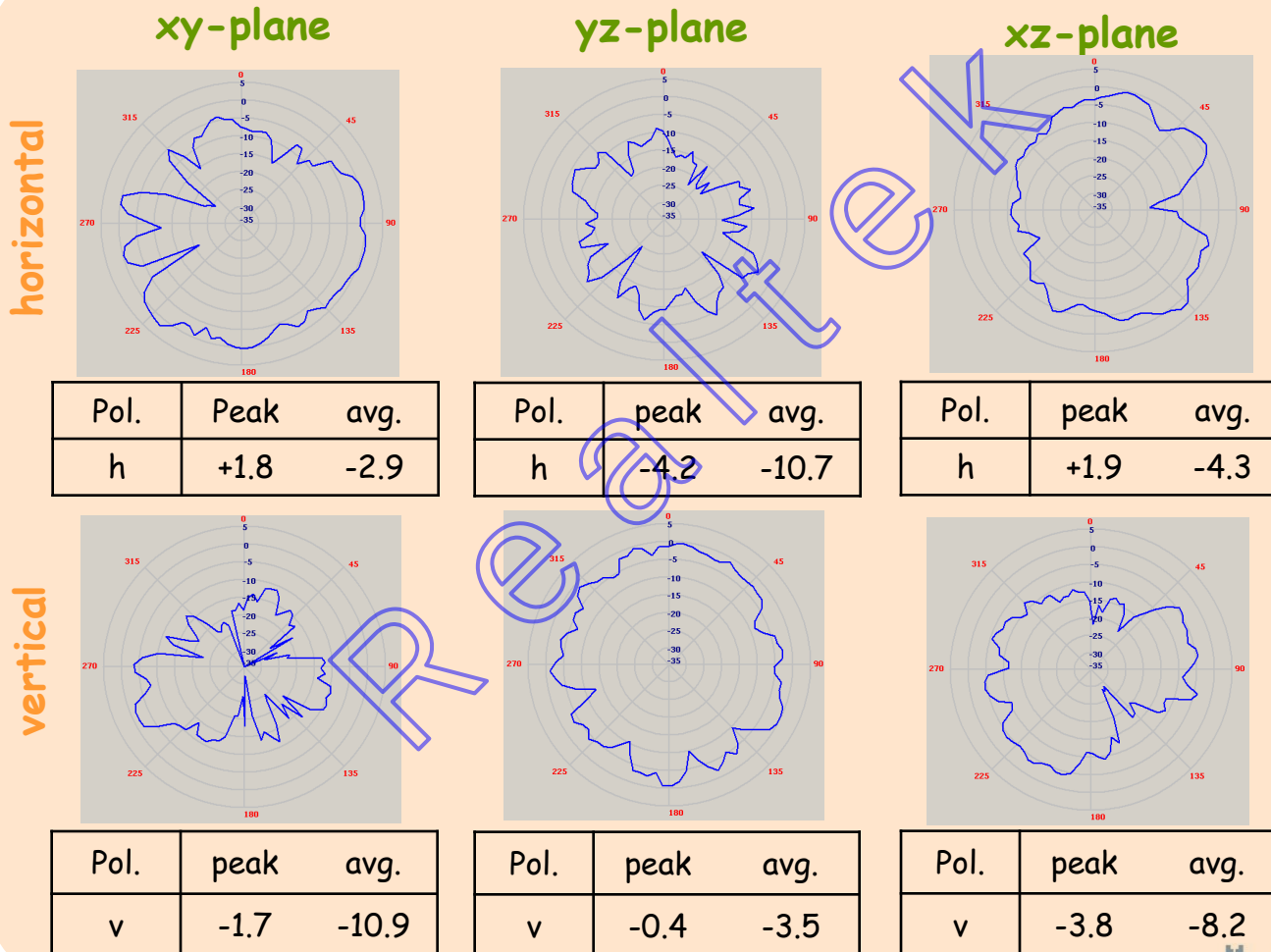
- Radiation Patterns – 2400 MHz





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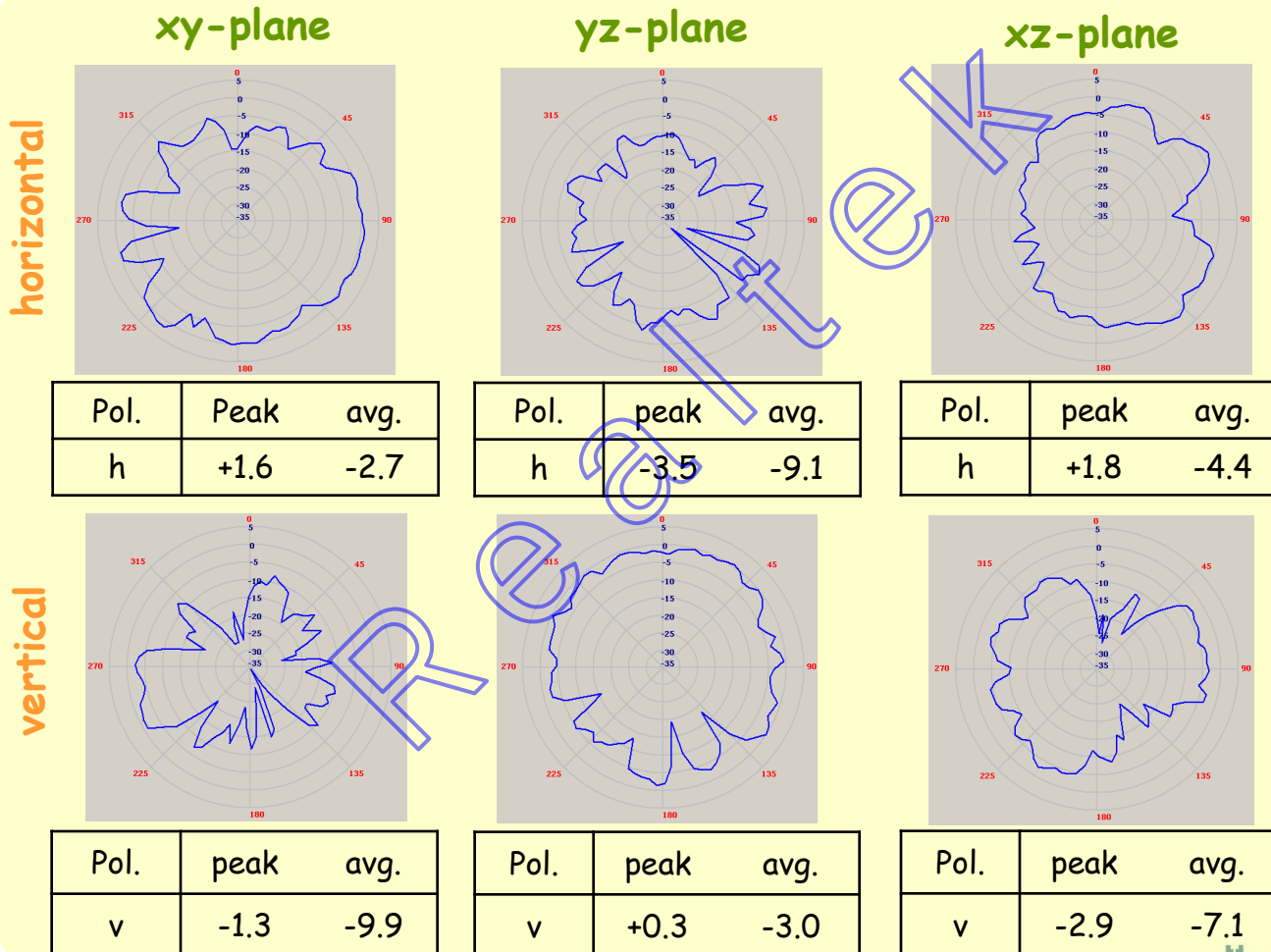
- Radiation Patterns – 2450 MHz





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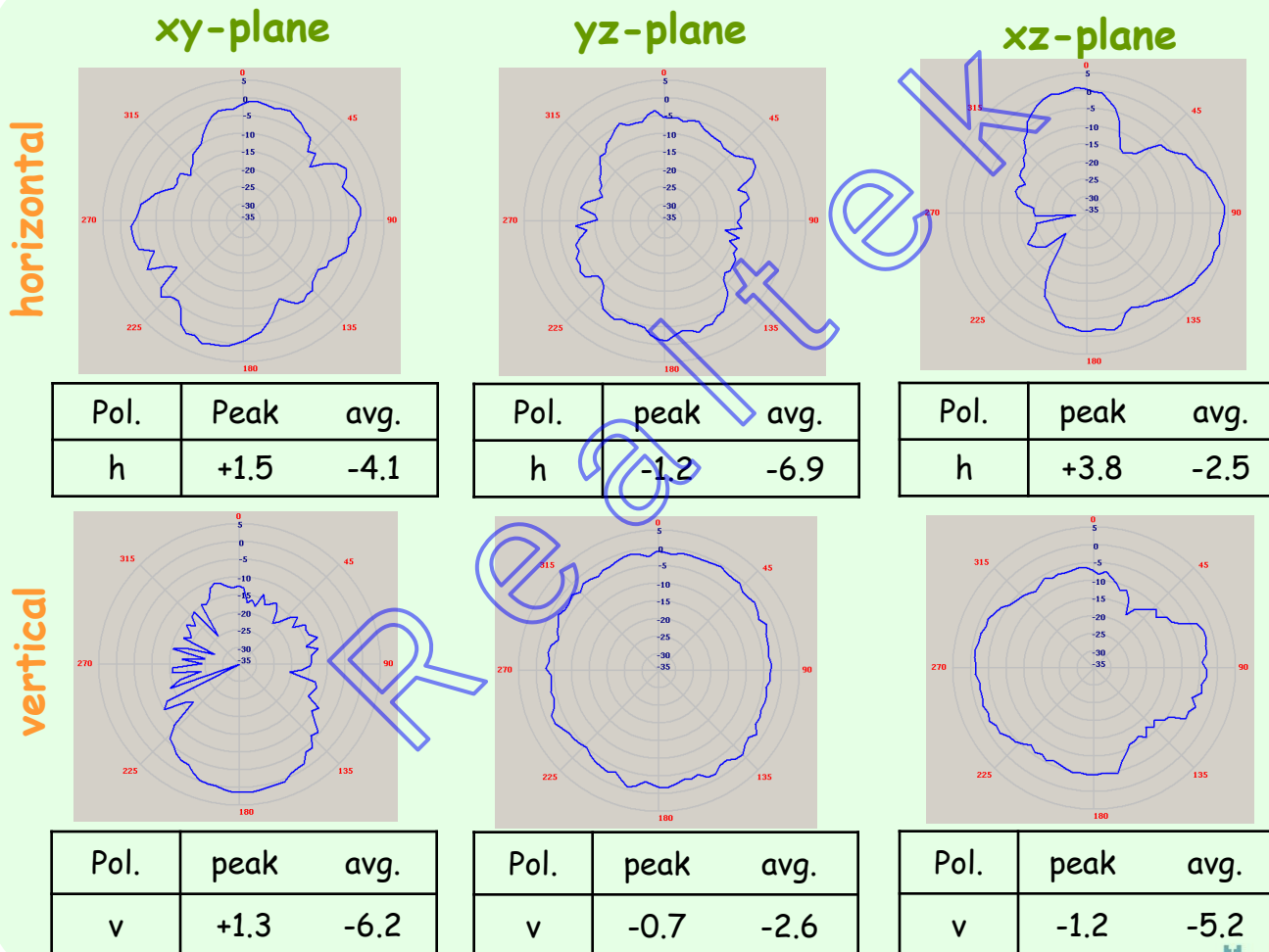
- Radiation Patterns – 2480 MHz





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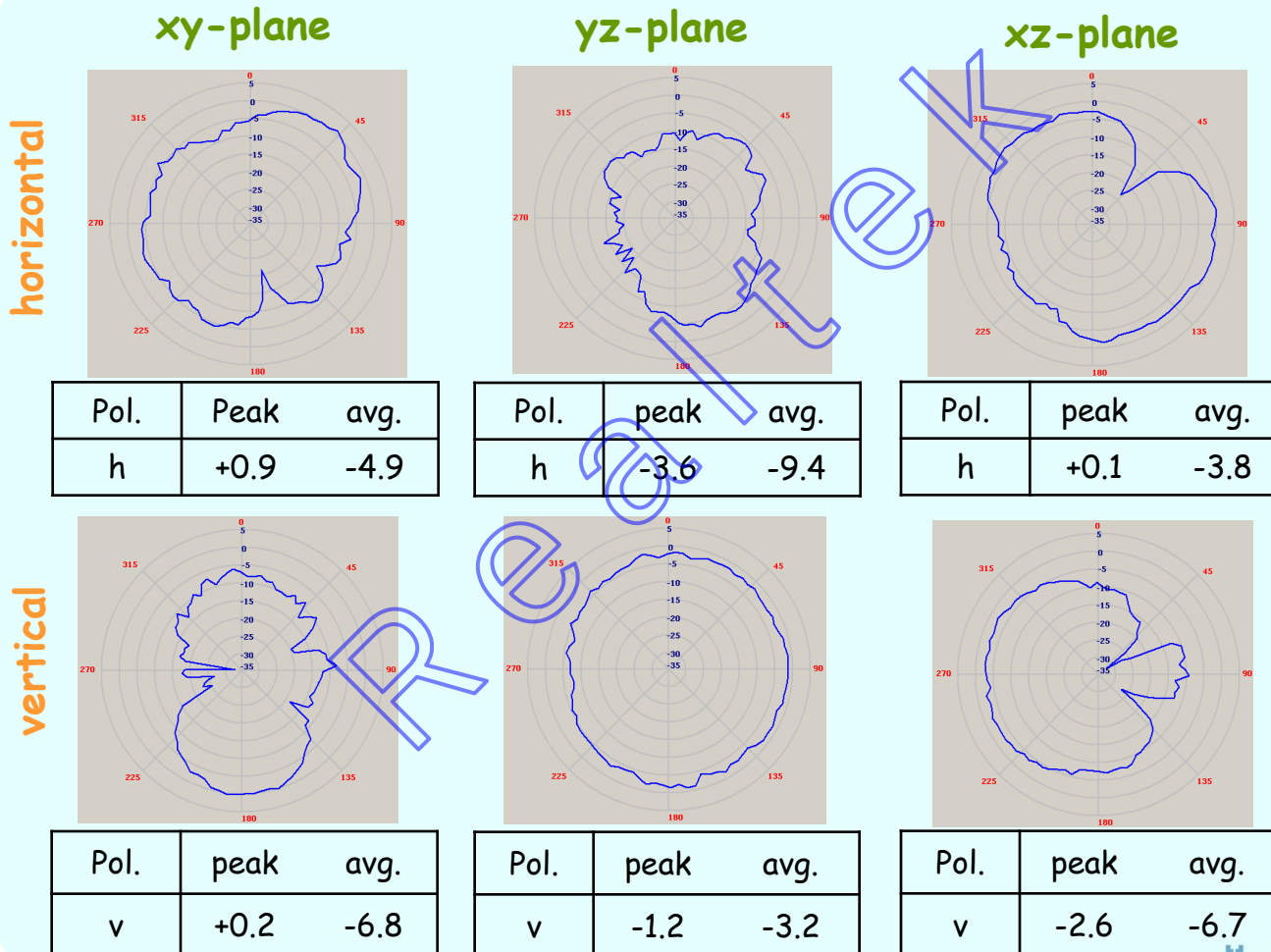
- Radiation Patterns – 5150 MHz





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- Radiation Patterns – 5500 MHz





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- Radiation Patterns – 5850 MHz

