

Declaration of antenna gain

FCC ID: 2A9CX-REC1

Antenna: Molex 201932-0001

Frequency range: 900 – 924 MHz, 2.4 – 2.5 GHz, 5.15 – 5.85 MHz

Peak gain @ 900 MHz: 0.7 dBi

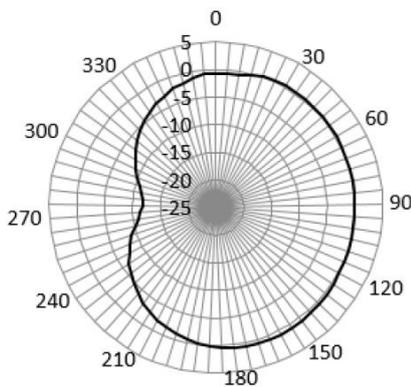
Peak gain @ 2.4 GHz: 4.2 dBi

Peak gain @ 5 GHz: 4.5 dBi

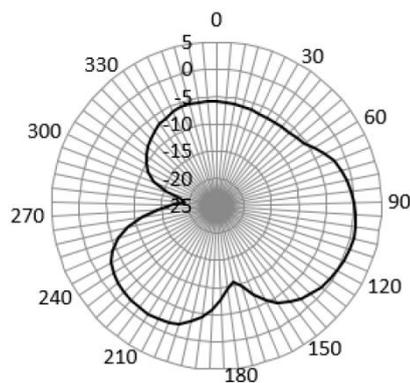
Polarization: Linear

912 MHz (not used in our product):

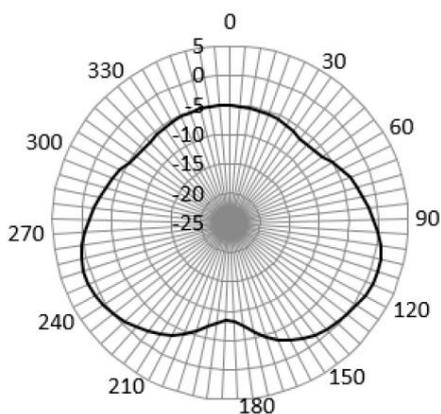
XY-912MHz



XZ-912MHz



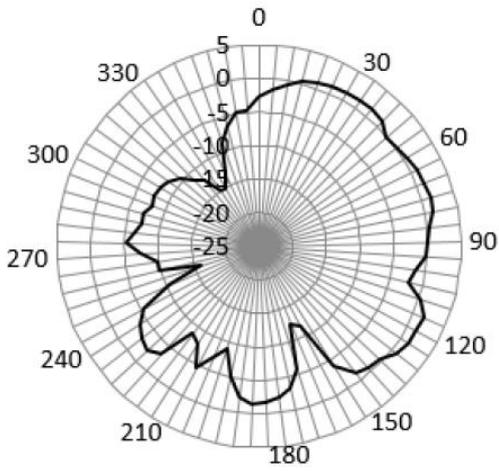
YZ-912MHz



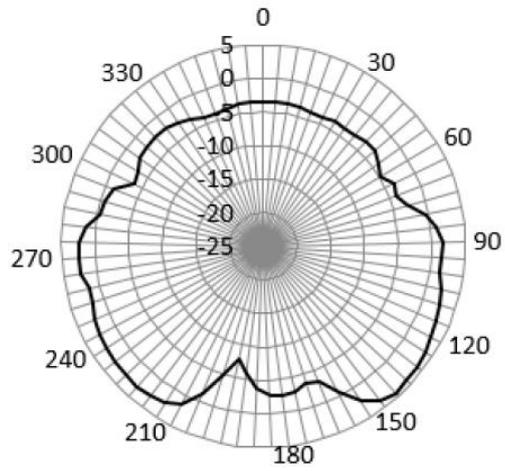
nomono

2450 MHz:

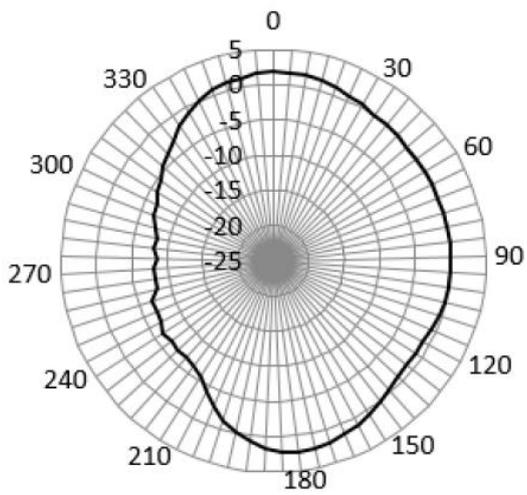
XZ-2450MHz



YZ-2450MHz



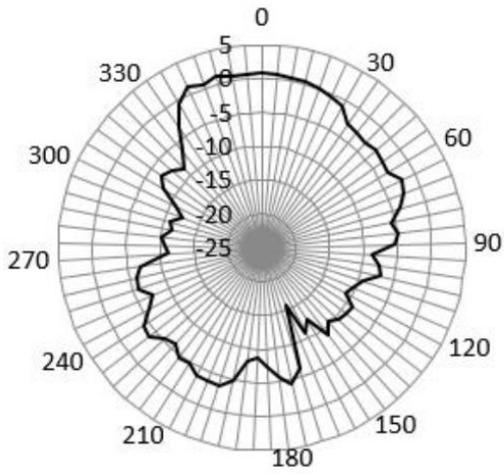
XY-2450MHz



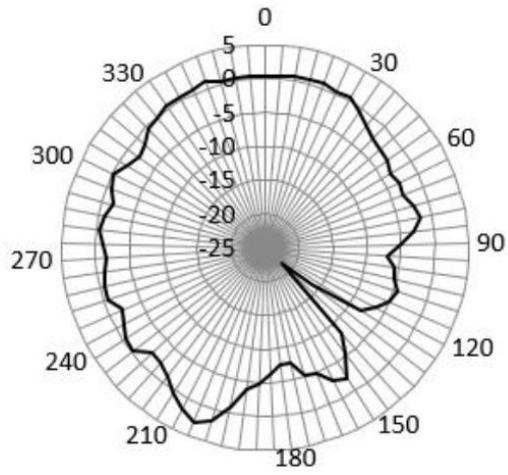
nomono

5450 MHz:

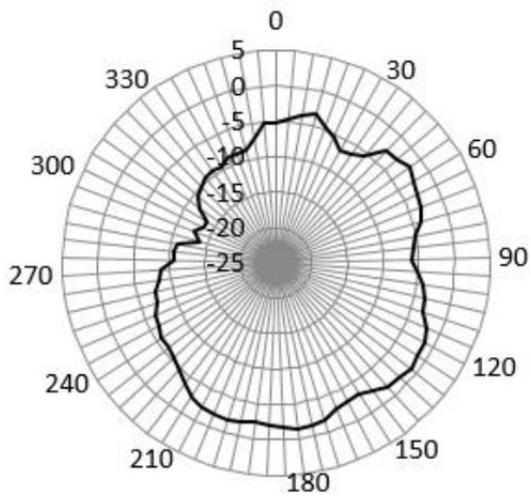
XZ-5450MHz



YZ-5450MHz



XY-5450MHz



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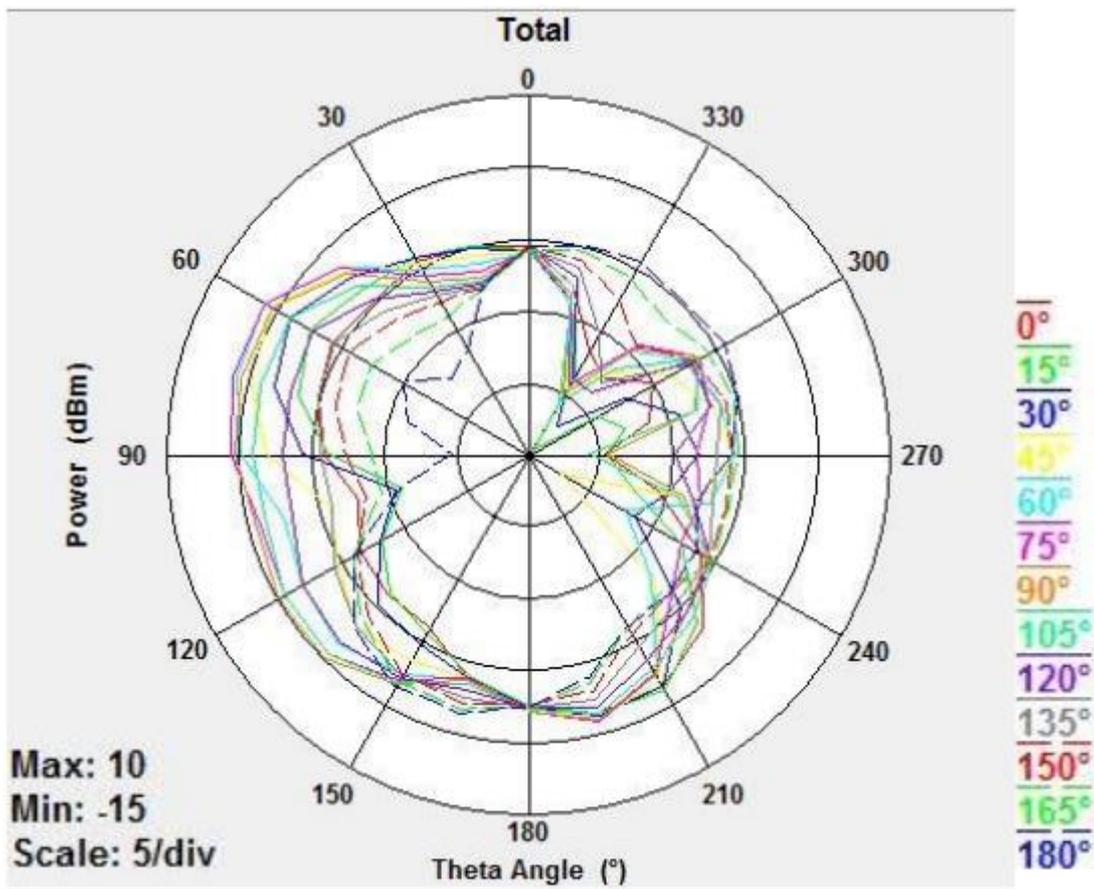
PCB antennas, see full test report SE2375HE-001.

Summary:

Antenna #0

Frequency range: 2.4 – 2.5 GHz

Calculated antenna gain: 2.05 dBi

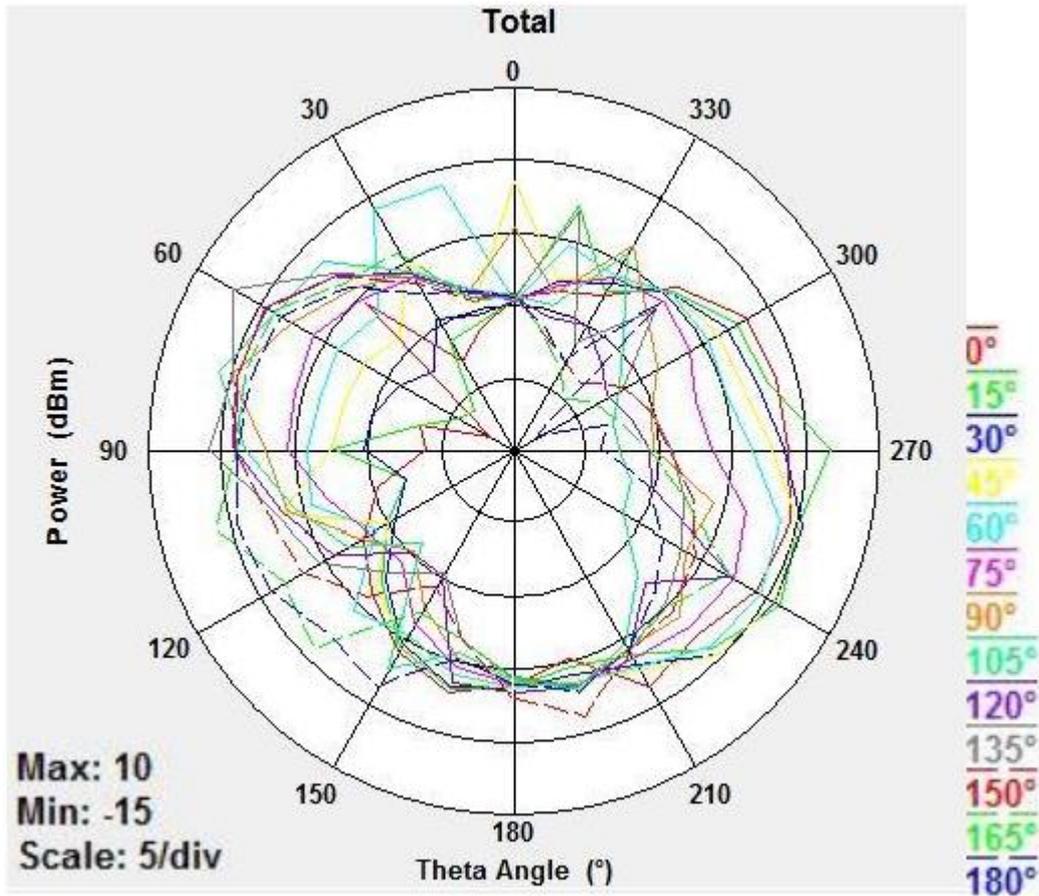


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Antenna #1

Frequency range: 2.4 – 2.5 GHz

Calculated antenna gain: 1.99 dBi

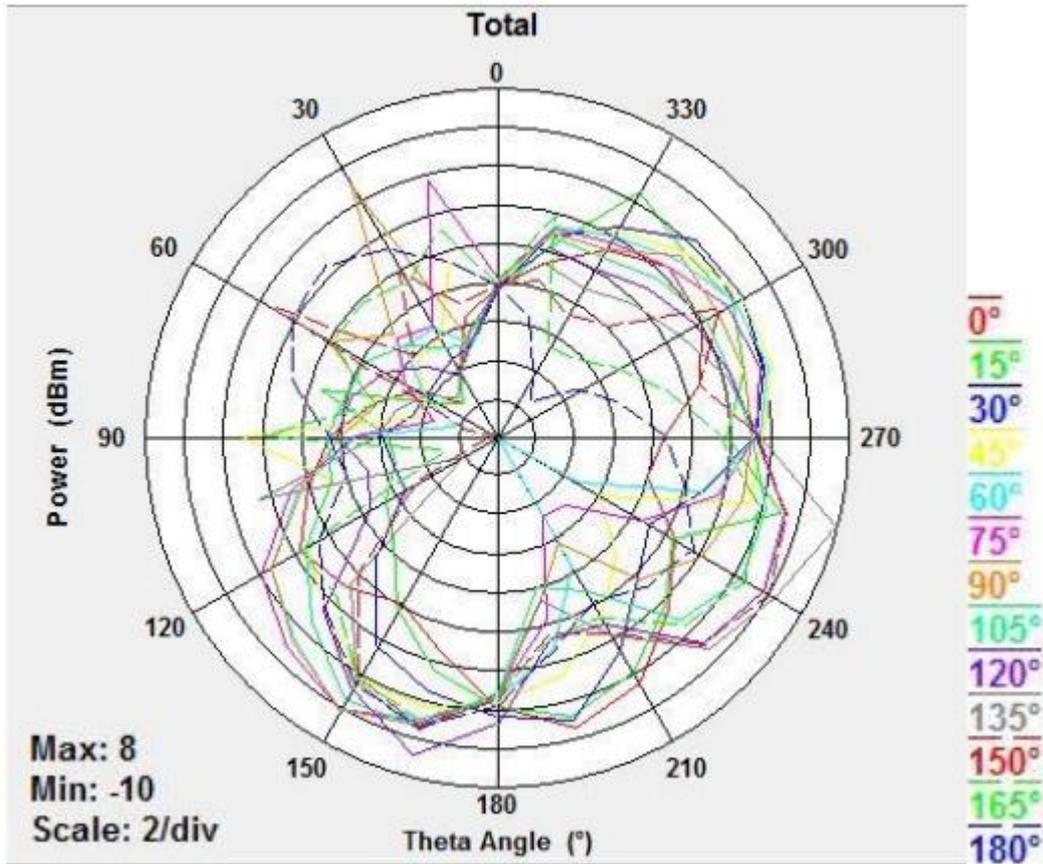


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Antenna #2

Frequency range: 2.4 – 2.5 GHz

Calculated antenna gain: 2.58 dBi



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Antenna #3

Frequency range: 2.4 – 2.5 GHz

Calculated antenna gain: 1.16 dBi

