Complex Uin Data

Re Uin (RMS mm/sec)

Im Uin (RMS mm/sec)

|Uin| (RMS mm/sec)
Raw ADC Data (RMS Volts)

- **ADC4 Re Pin**: 
  - Frequency (Hz): 0 to 4000
  - Raw ADC Data (RMS Volts): -0.8 to 0.2

- **ADC5 Im Pin**: 
  - Frequency (Hz): 0 to 4000
  - Raw ADC Data (RMS Volts): -0.4 to 0.6

- **ADC6 Re Uin**: 
  - Frequency (Hz): 0 to 4000
  - Raw ADC Data (RMS Volts): -0.4 to 0.6

- **ADC7 Im Uin**: 
  - Frequency (Hz): 0 to 4000
  - Raw ADC Data (RMS Volts): -0.5 to 0.5

- **ADC0 Re Pout**: 
  - Frequency (Hz): 0 to 4000
  - Raw ADC Data (RMS Volts): -0.5 to 0.5

- **ADC1 Im Pout**: 
  - Frequency (Hz): 0 to 4000
  - Raw ADC Data (RMS Volts): -0.5 to 0.5

- **ADC2 Re Uout**: 
  - Frequency (Hz): 0 to 4000
  - Raw ADC Data (RMS Volts): -0.5 to 0.5

- **ADC3 Im Uout**: 
  - Frequency (Hz): 0 to 4000
  - Raw ADC Data (RMS Volts): -1 to 0.5
Resonance Maxima & Minima
|U_{in}| Resonance Maxima & Minima

Frequency (Hz)

|U_{in}| (RMS mm/sec)

\[10^{-3}\]

\[10^{-2}\]
| Frequency (Hz) | $|Z_{in}|$ (Ohms) |
|---------------|-----------------|

$|Z_{in}|$ Resonance Maxima & Minima
|lin| Resonance Maxima & Minima

Frequency (Hz)

|lin| (RMS nW/m²)
Uin in the Complex Plane

Re(Uin) [RMS mm/s]

Im(Uin) [RMS mm/s]

frequency [Hz]
lin in the Complex Plane

Re(Iin) [RMS nW/m²]

Im(Iin) [RMS nW/m²]

frequency [Hz]
Zout in the Complex Plane

Re(Zout) [Ohms]

Im(Zout) [Ohms]

displays a plot in the complex plane with the real part (Re(Zout)) on the x-axis, the imaginary part (Im(Zout)) on the y-axis, and frequency (Hz) on the z-axis. The distribution of points indicates the behavior of Zout across different frequencies.
Out in the Complex Plane

Re(Iout) [RMS nW/m²] vs Im(Iout) [RMS nW/m²] vs frequency [Hz]

- Graph shows the complex plane representation of Iout for varying frequencies.
- Axes: Re(Iout) [RMS nW/m²] on the x-axis, Im(Iout) [RMS nW/m²] on the y-axis, and frequency [Hz] on the z-axis.