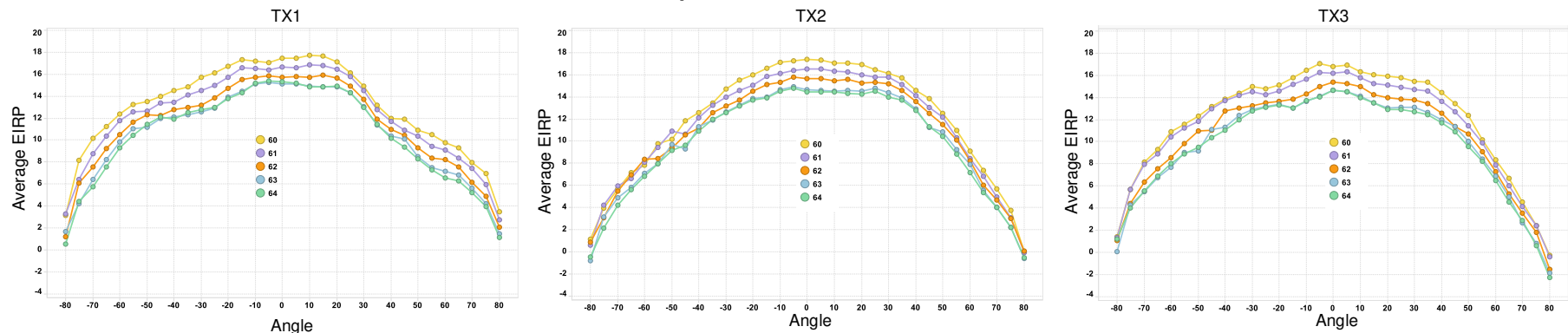


|                                                 | Integrated Antenna 60-GHz<br>Intelligent Edge Sensor<br>IWR6843AoPEVM                                                                                                    |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tuning Frequency                                | 60-64 GHz                                                                                                                                                                |
| Number of Receivers                             | 4                                                                                                                                                                        |
| Number of Transmitter                           | 3                                                                                                                                                                        |
| Processing                                      | <ul style="list-style-type: none"> <li>MCU</li> <li>FFT accelerator</li> <li>DSP</li> </ul>                                                                              |
| Memory                                          | 1.75 MB                                                                                                                                                                  |
| Antenna                                         | Antenna on Package                                                                                                                                                       |
| Azimuth FOV (deg) <sup>2</sup>                  | +/- 60                                                                                                                                                                   |
| Azimuth Angular Resolution (deg) <sup>1</sup>   | 29                                                                                                                                                                       |
| Elevation FOV (deg) <sup>2</sup>                | +/- 60                                                                                                                                                                   |
| Elevation Angular Resolution (deg) <sup>1</sup> | 29                                                                                                                                                                       |
| Gain                                            | 5dBi                                                                                                                                                                     |
| Modular Mode                                    | <ul style="list-style-type: none"> <li>Requires mmWaveICBOOST for debugging and DCA1000</li> <li>Flashing and functional mode available without mmWaveICBOOST</li> </ul> |
| Raw ADC Data Capture                            | Yes – requires mmWaveICBOOST + DCA1000                                                                                                                                   |

TX Output Power Across Azimuth



TX Output Power Across Elevation

