

DK2.0 UWB+BLE Module UWB Antenna Measurement

<i>Application</i>	<i>UWB</i>
<i>Date</i>	<i>2022. 07. 14</i>

Frequency Range	Ant. Gain	
	Avg. Gain	Peak Gain
1GHz	-22.50	-18.70
2GHz	-15.50	-11.10
3GHz	-13.90	-7.64
4GHz	-10.08	-5.16
5GHz	-8.81	-3.05
6GHz	-3.77	1.76
6.5GHz	-2.11	3.25
7GHz	-2.77	3.01
8GHz	-2.03	3.23
9GHz	-8.48	-3.32
10GHz	-12.50	-8.55
11GHz	-19.30	-9.92
15.975GHz	-	-11.53

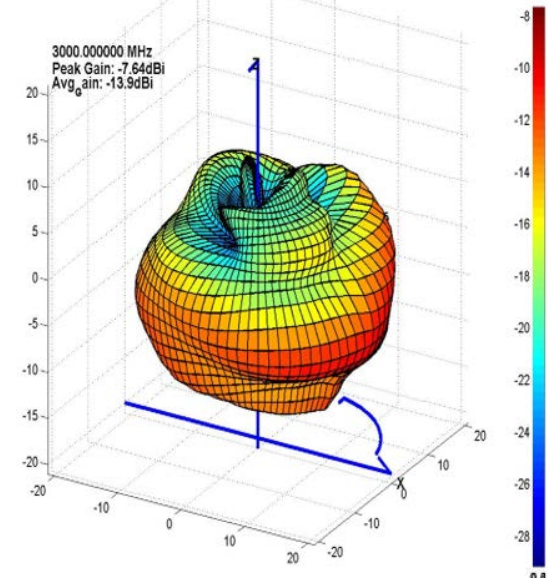
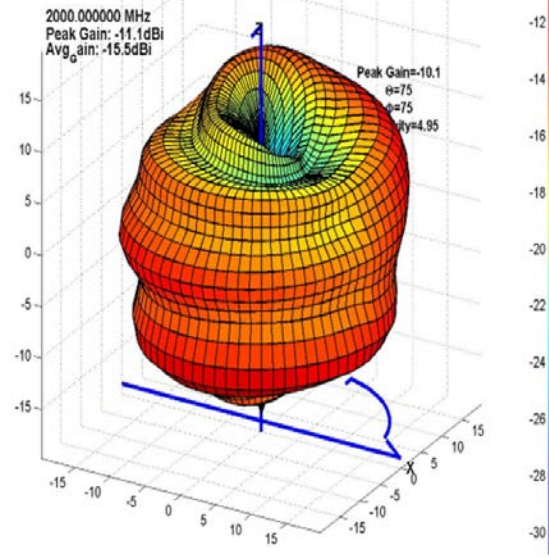
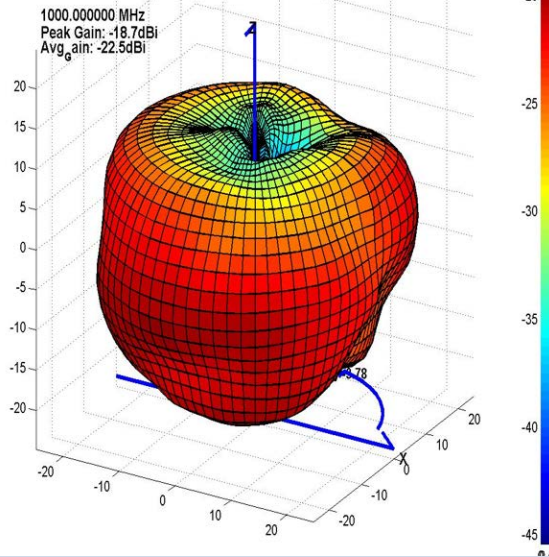




1GHz

2GHz

3GHz

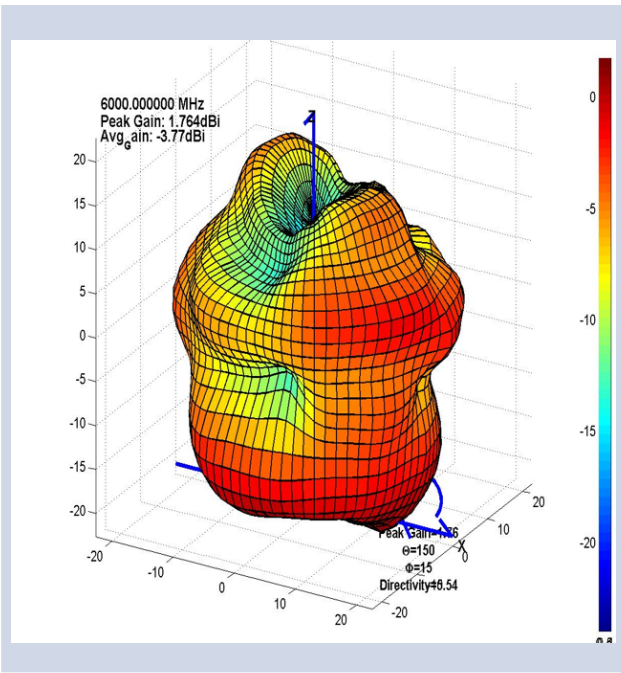
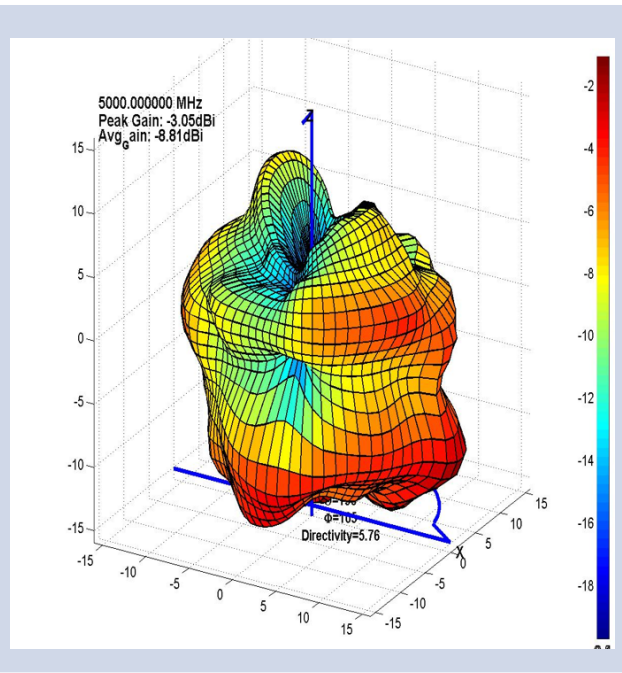
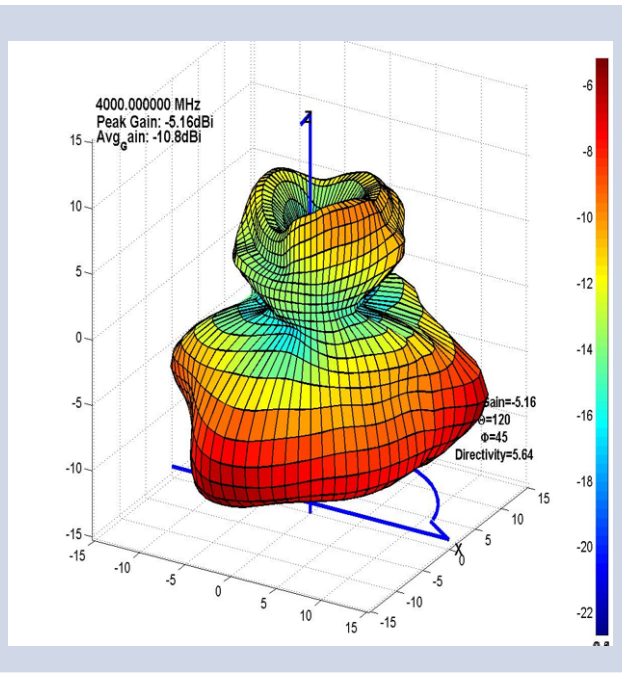




4GHz

5GHz

6GHz

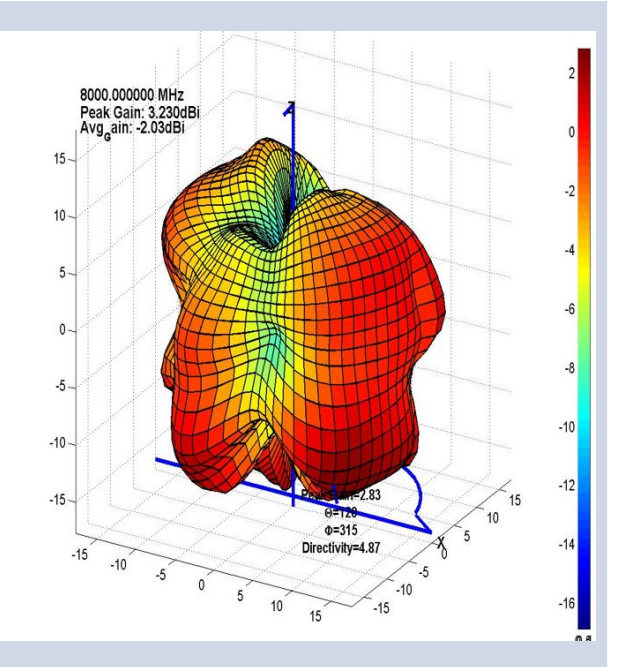
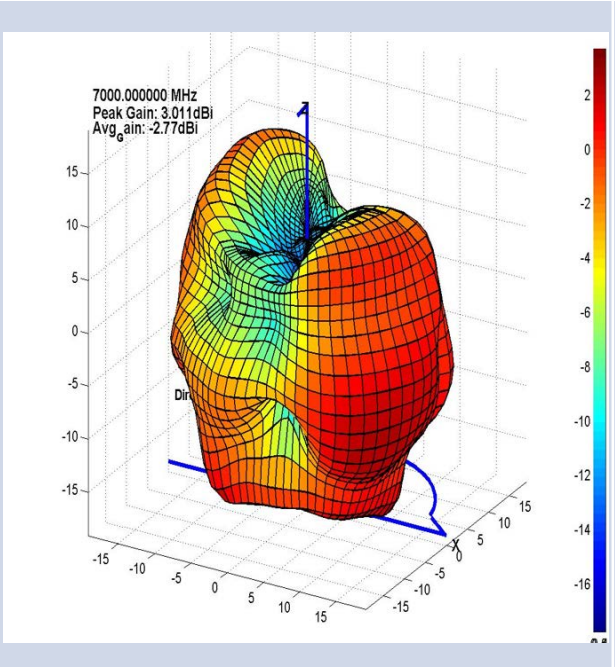
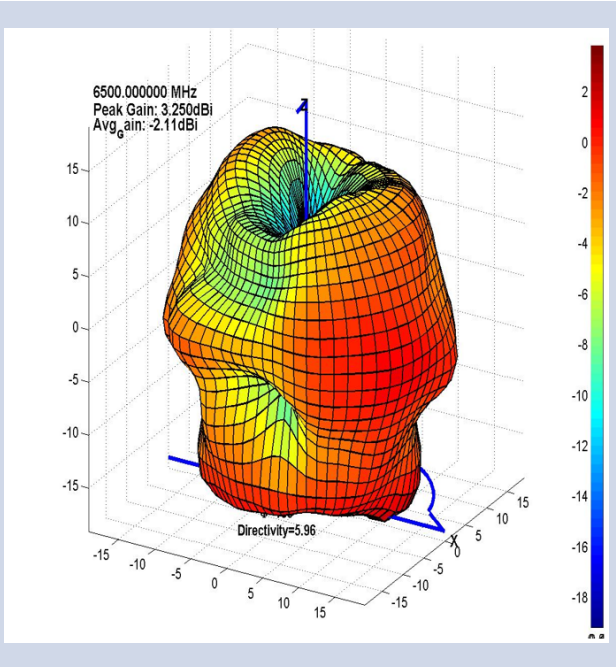




6.5GHz

7GHz

8GHz

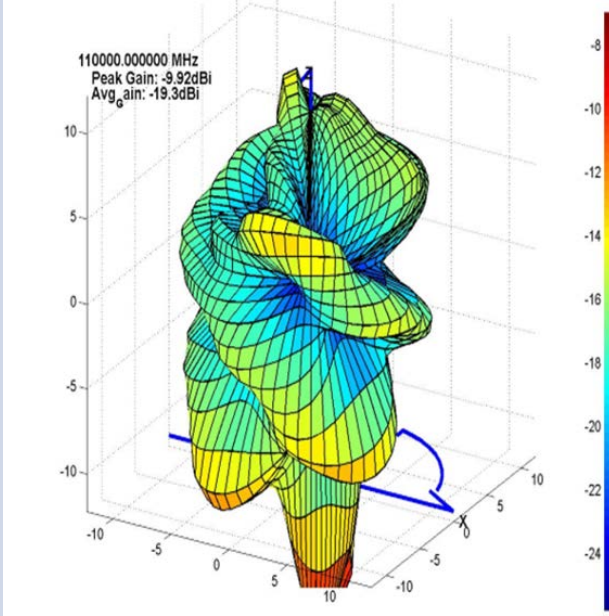
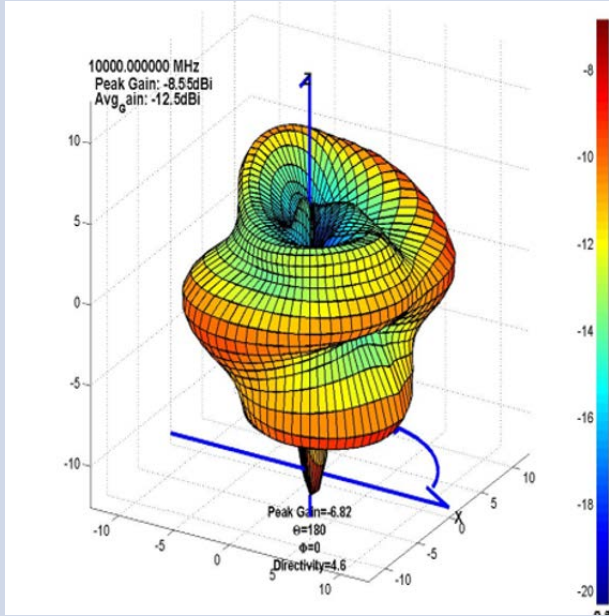
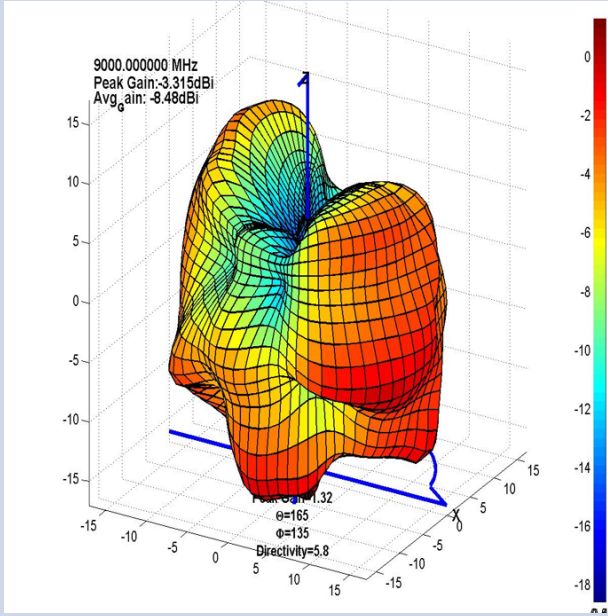




9GHz

10GHz

11GHz



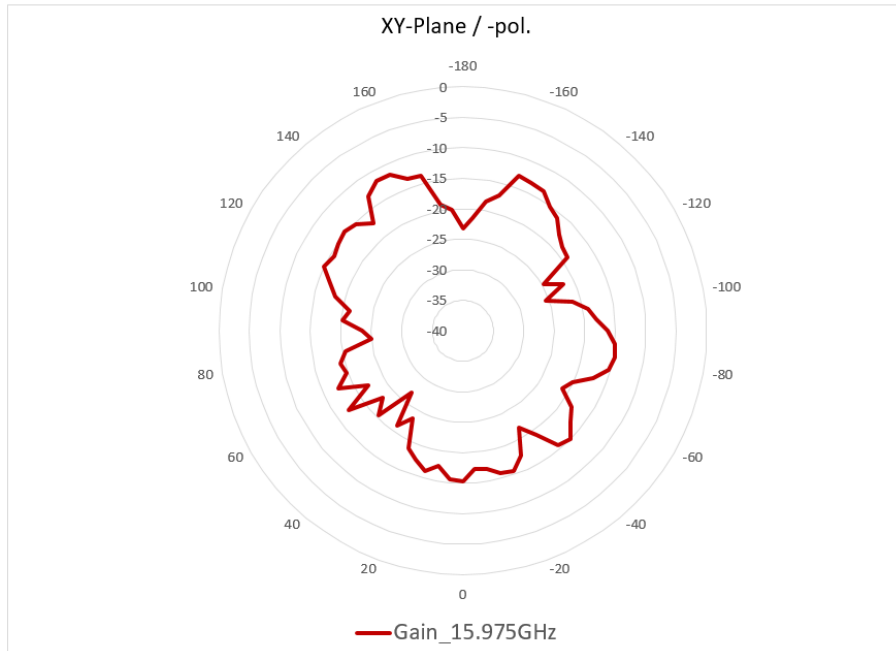
15.975GHz

ZX-Plane



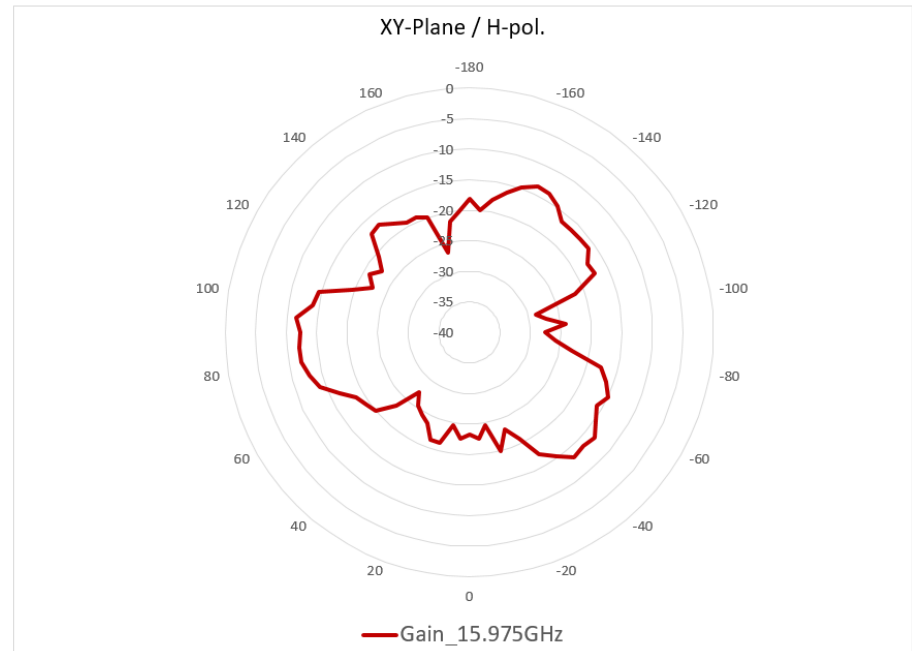
Frequency : Gain_15.975GHz

Max Gain	-11.65	dBi
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Frequency : Gain_15.975GHz

Max Gain	-11.60	dBi
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UWB Antenna

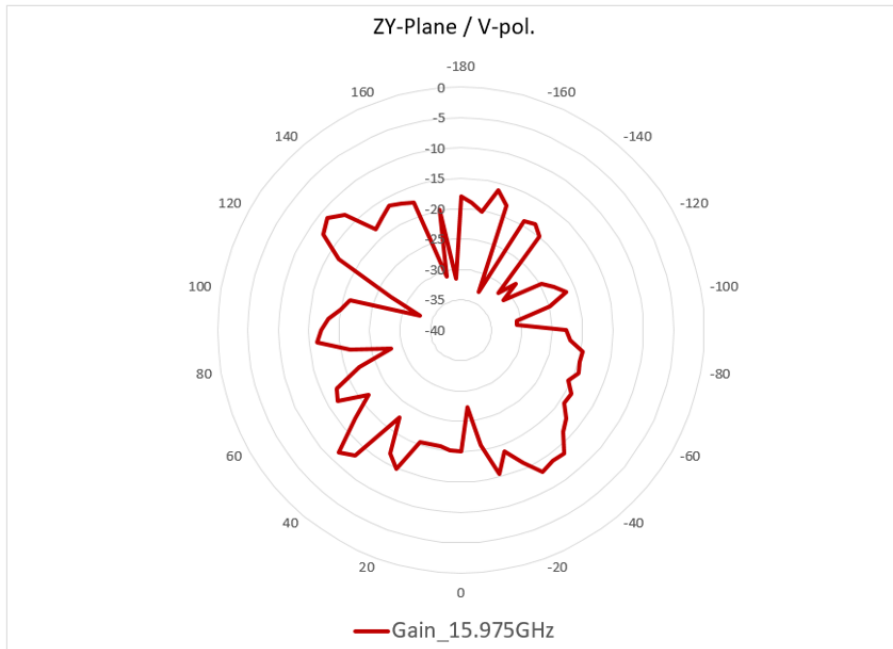
15.975GHz

ZY-Plane



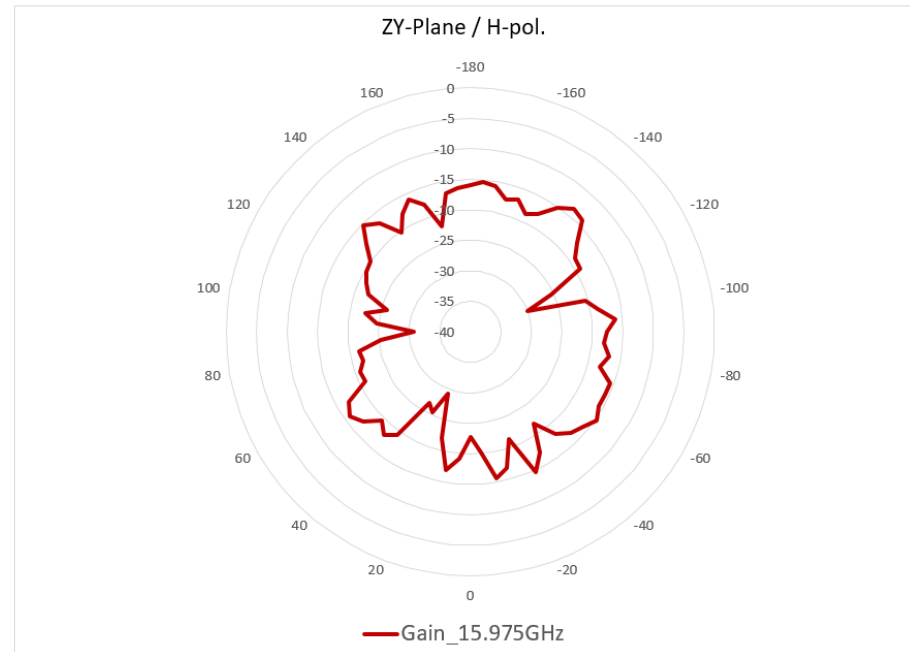
Frequency : Gain_15.975GHz

Max Gain	-11.53	dBi
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Frequency : Gain_15.975GHz

Max Gain	-13.58	dBi
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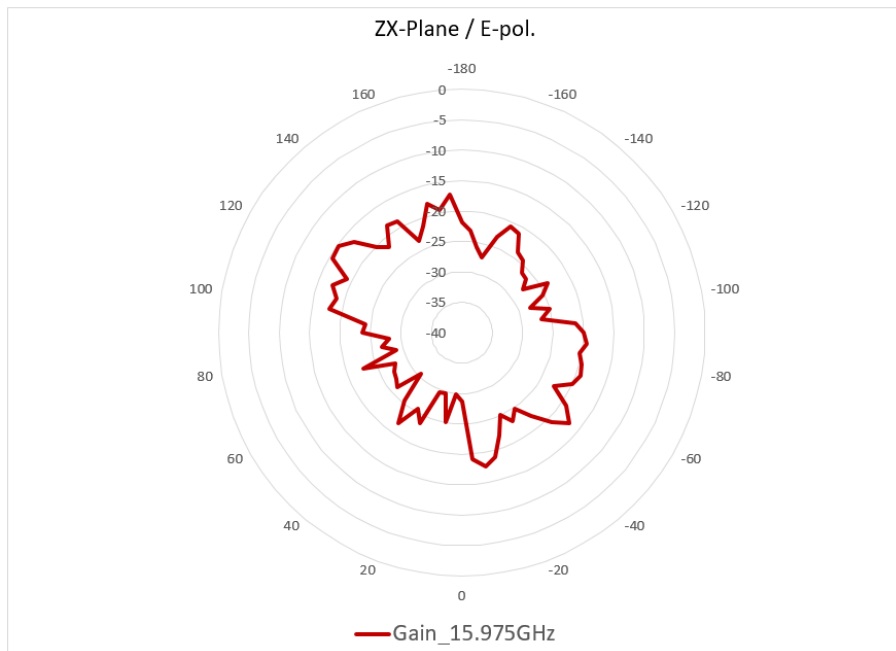
15.975GHz

ZX-Plane



Frequency : Gain_15.975GHz

Max Gain	-15.24	dBi
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Frequency : Gain_15.975GHz

Max Gain	-13.24	dBi
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