

# DK2.0 UWB Antenna Measurement

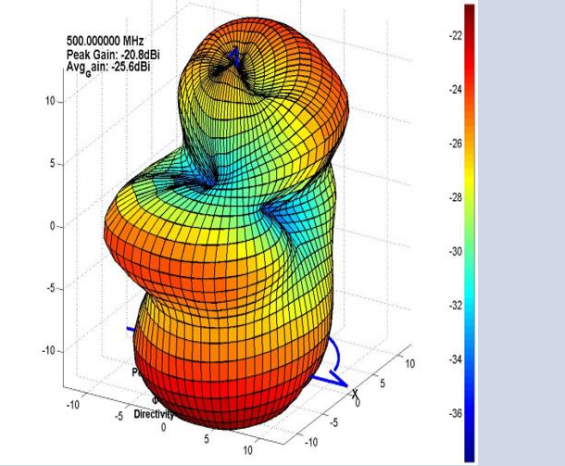
<i>Application</i>	<i>UWB</i>
<i>Date</i>	<i>2024. 01. 05</i>

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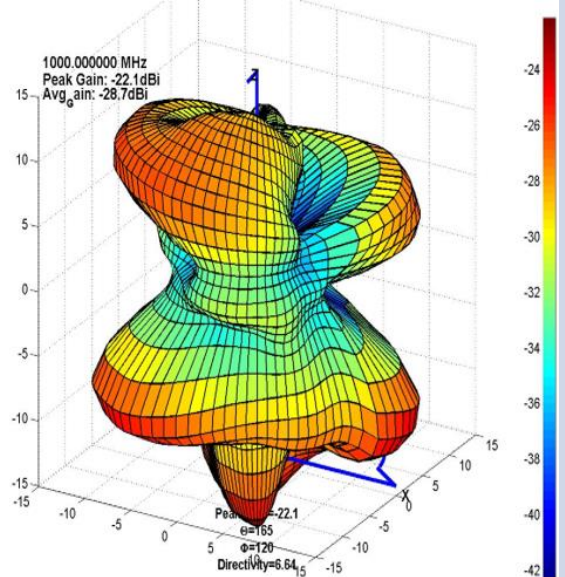
Frequency Range	Ant. Gain	
	Avg. Gain	Peak Gain
30MHz	-25.60	-20.800
500MHz		
1GHz	-28.70	-22.100
2GHz	-15.00	-10.100
3GHz	-13.50	-8.660
4GHz	-11.30	-5.570
5GHz	-10.80	-5.130
6GHz	-4.82	-1.960
6.24GHz	-6.34	-1.470
6.25GHz	-6.67	-1.620
6.26GHz	-6.50	-1.290
<b>6.5GHz</b>	<b>-1.39</b>	<b>3.178</b>
7GHz	-1.79	3.068

Frequency Range	Ant. Gain	
	Avg. Gain	Peak Gain
7.08GHz	-3.01	2.065
7.09GHz	-3.19	1.724
7.23GHz	-5.44	0.160
7.24GHz	-5.22	0.218
7.25GHz	-5.44	0.210
7.26GHz	-5.17	0.188
<b>8GHz</b>	<b>-1.38</b>	<b>3.309</b>
9GHz	-7.49	-2.910
10GHz	-12.10	-7.580
11GHz	-16.30	-9.420
15.975GHz	-	-11.310
23.96GHz	-	-19.860
26.00GHz	-	-19.860

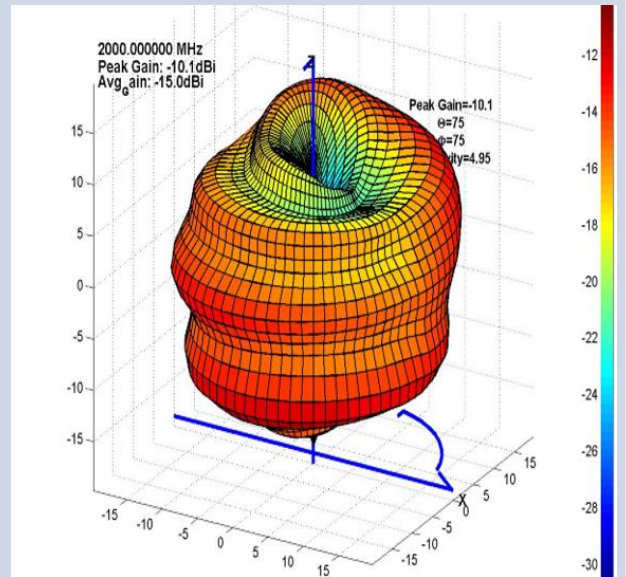
## 30MHz~500Mz



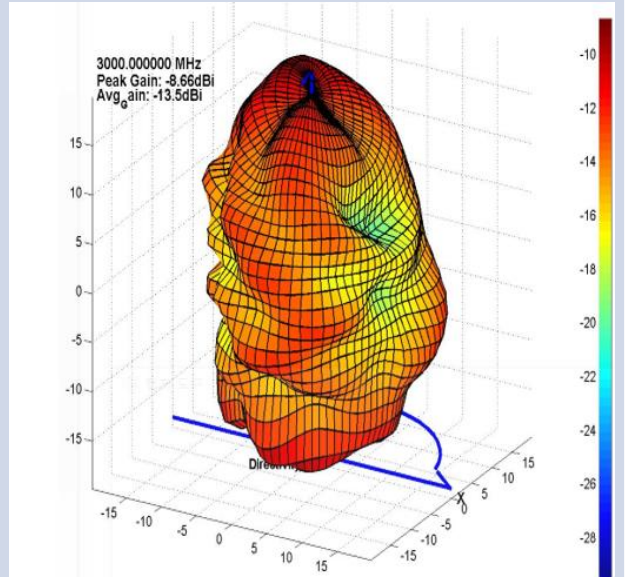
## 1GHz



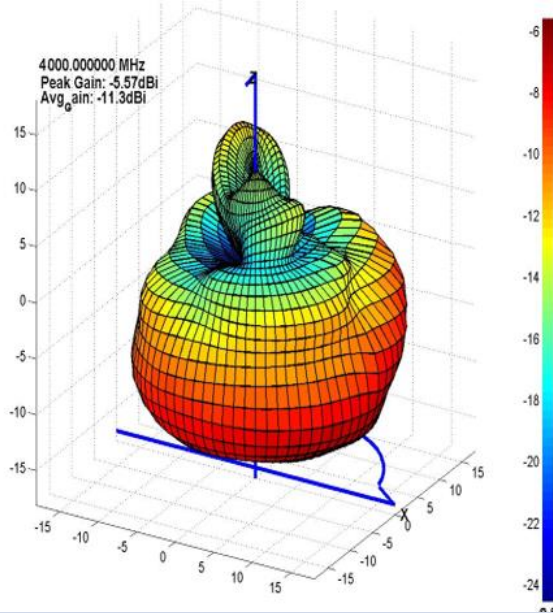
## 2GHz



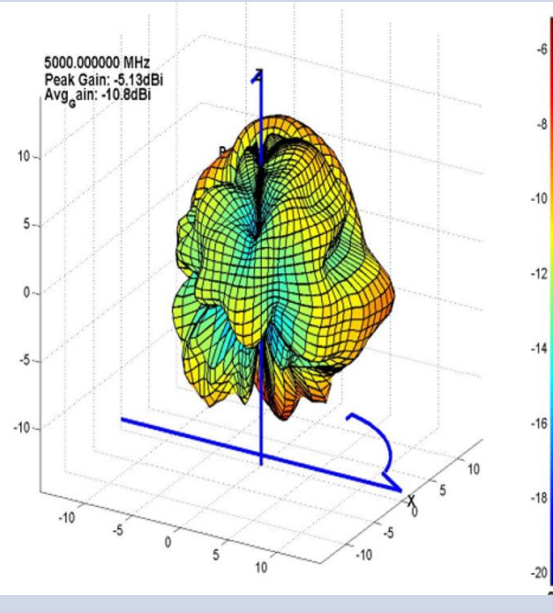
## 3GHz



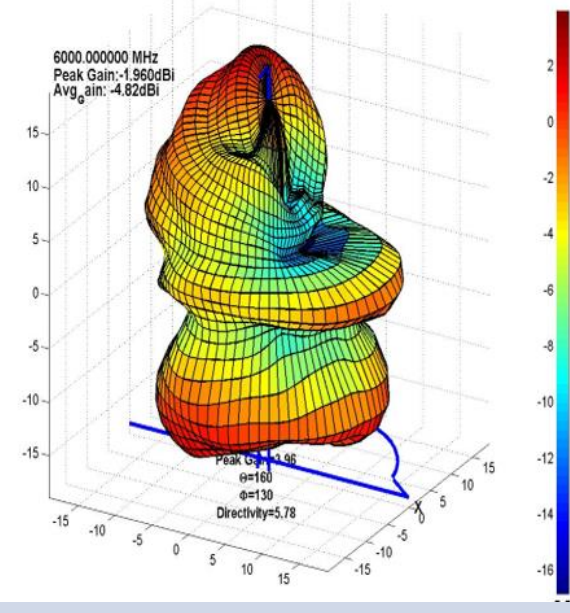
## 4GHz



## 5GHz



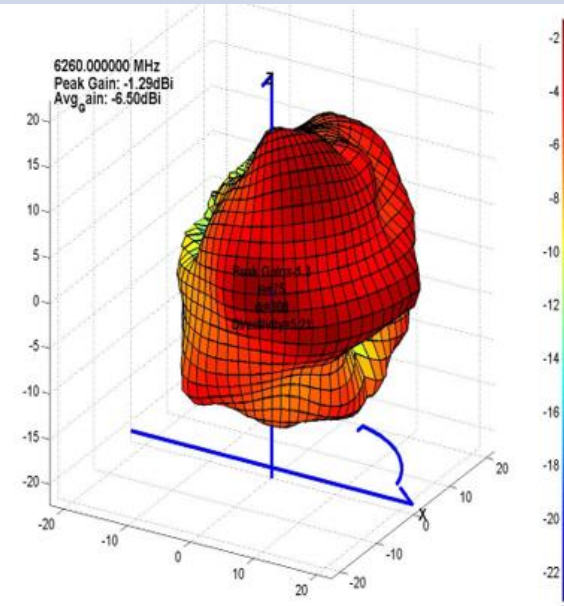
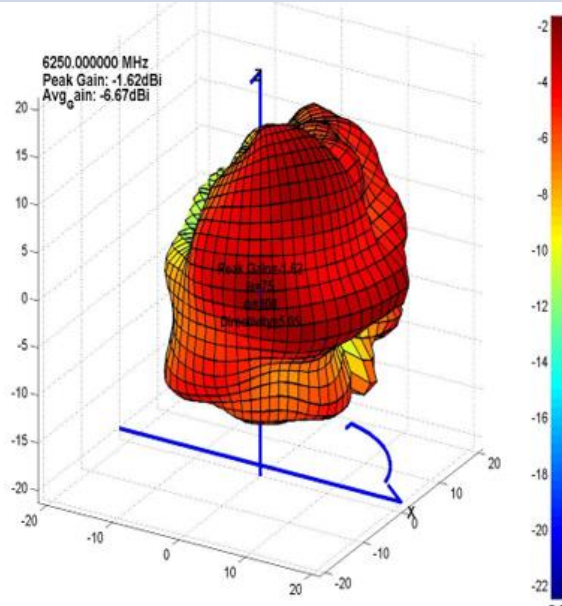
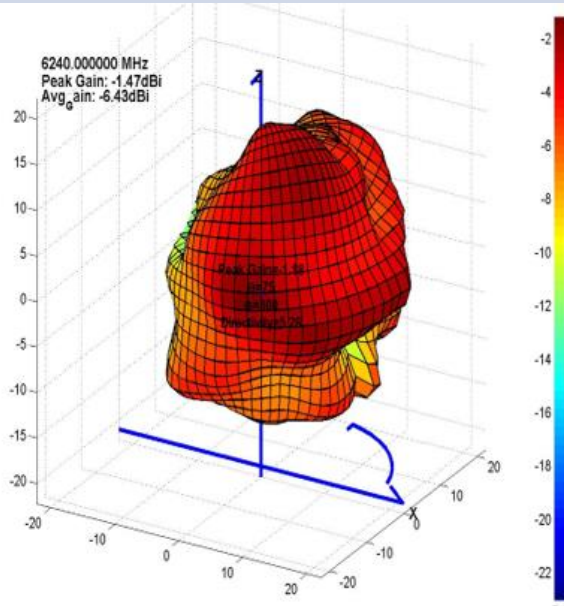
## 6GHz



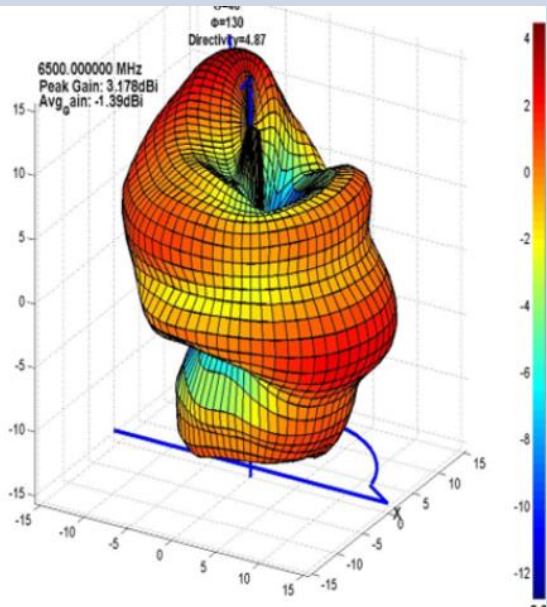
## 6.24GHz

## 6.25GHz

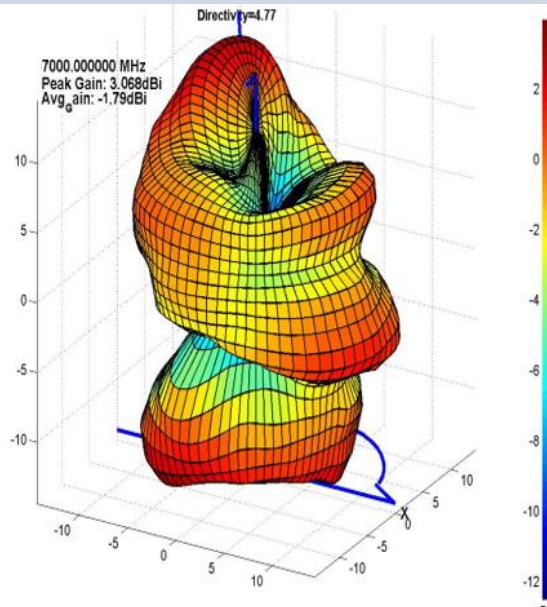
## 6.26GHz



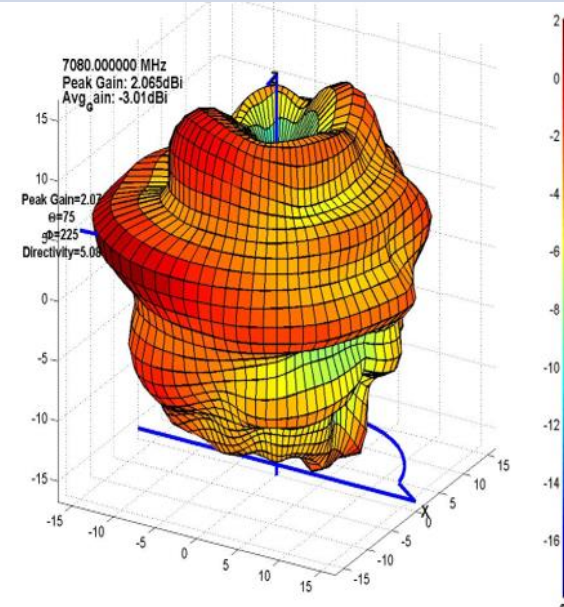
## 6.5GHz



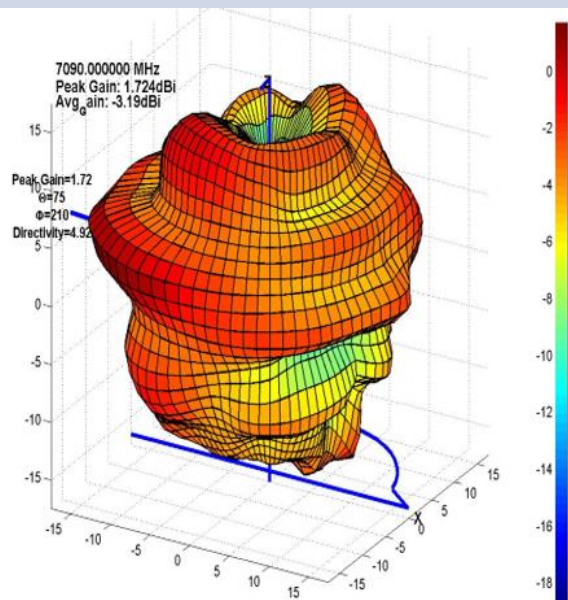
## 7GHz



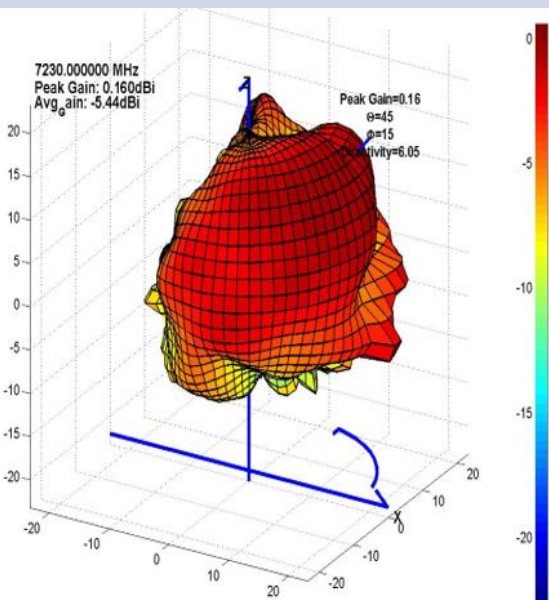
## 7.08GHz



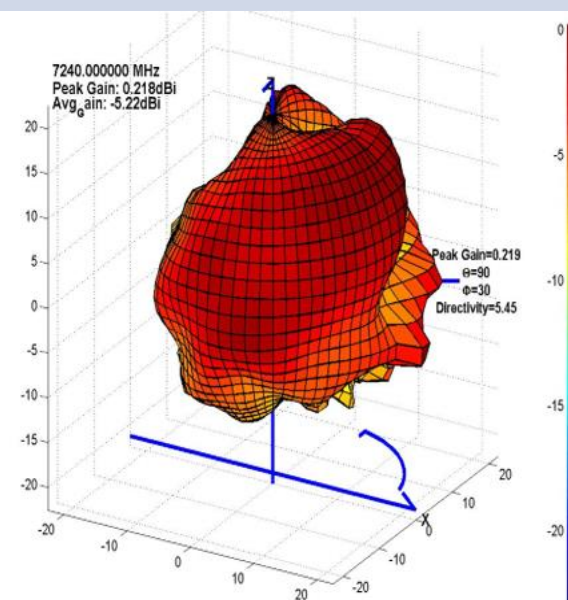
## 7.09GHz



## 7.23GHz



## 7.24GHz

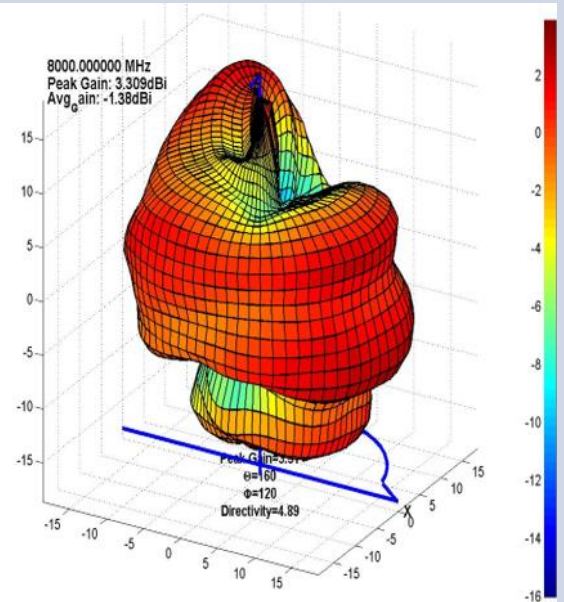
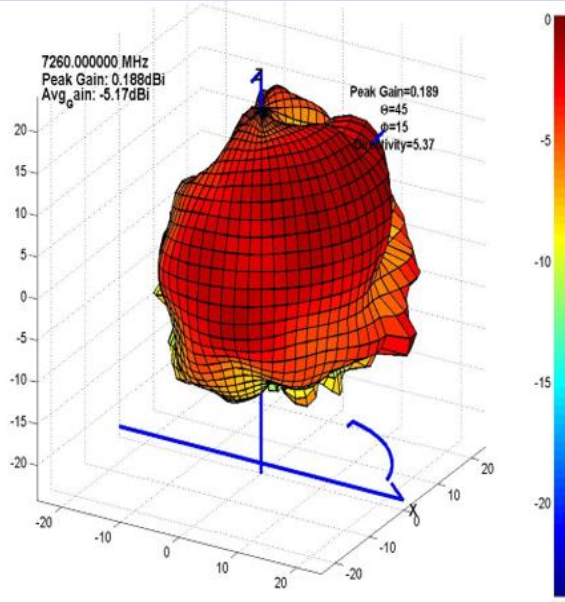
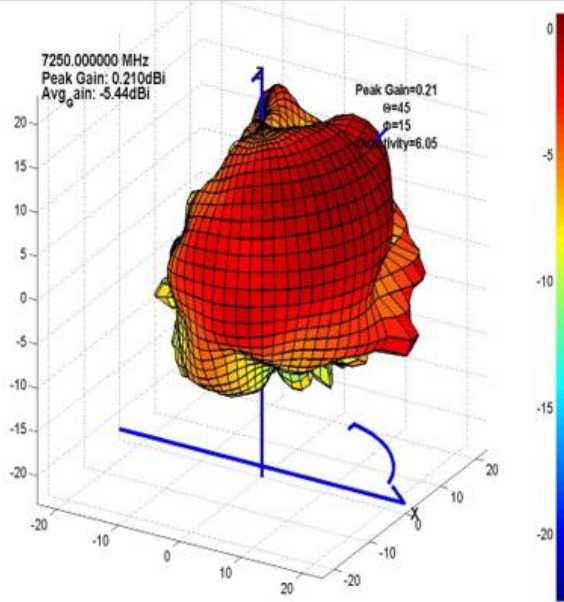




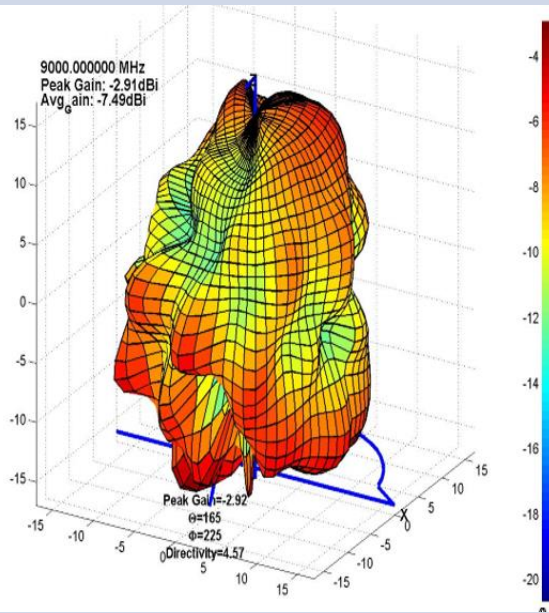
## 7.25GHz

## 7.26GHz

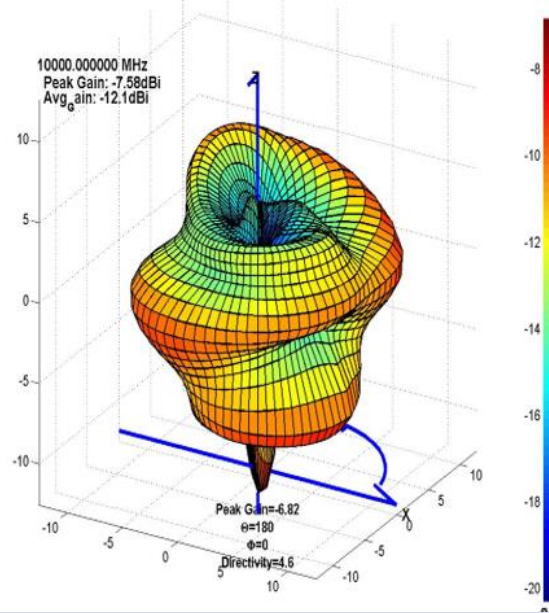
## 8GHz



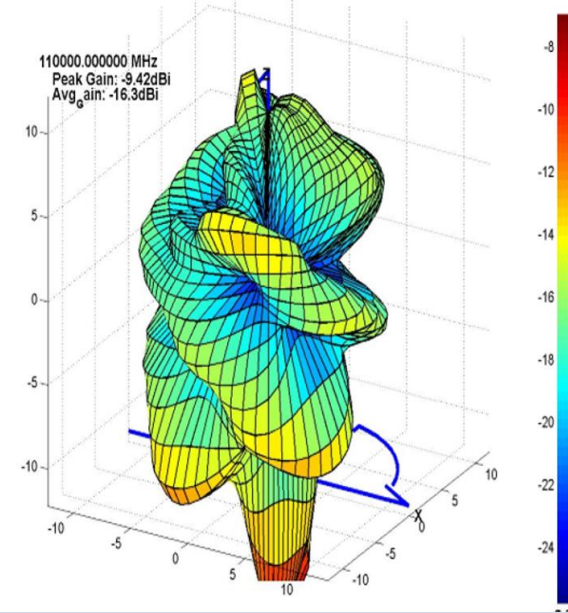
## 9GHz



## 10GHz



## 11GHz

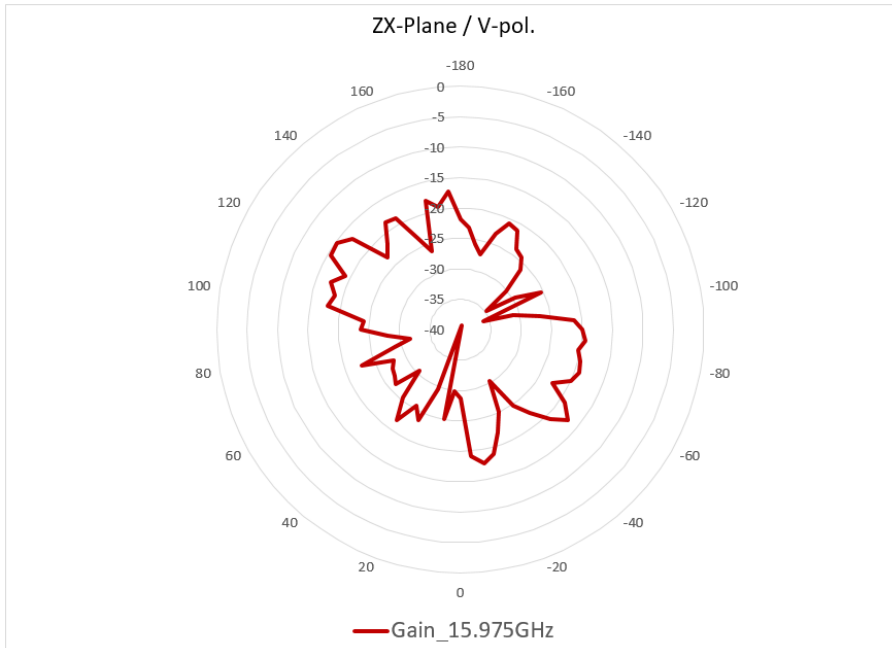


## 15.975GHz

### ZX-Plane

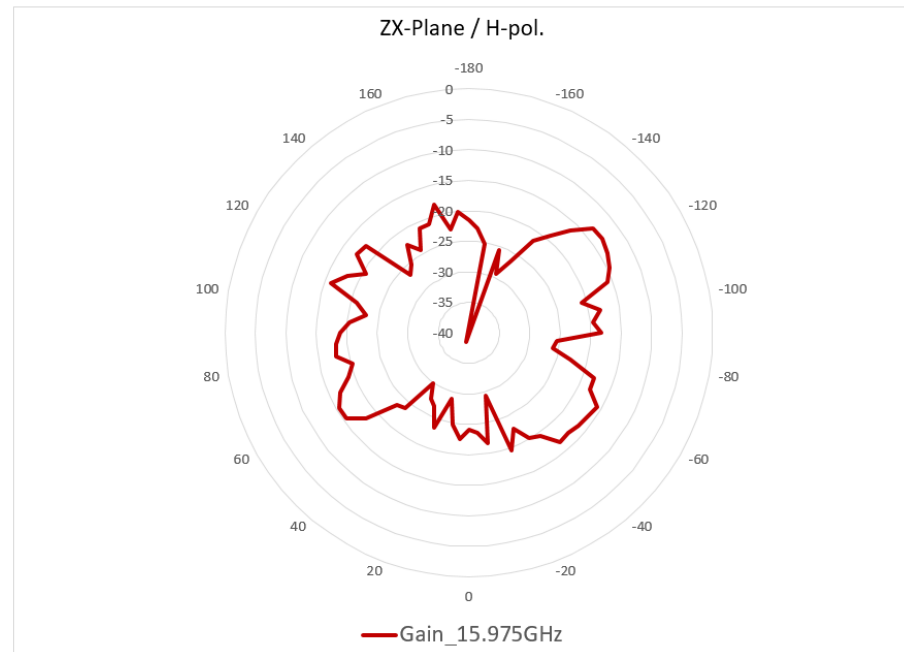
Frequency : Gain\_15.975GHz

Max Gain	-15.02	dBi
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Frequency : Gain\_15.975GHz

Max Gain	-13.24	dBi
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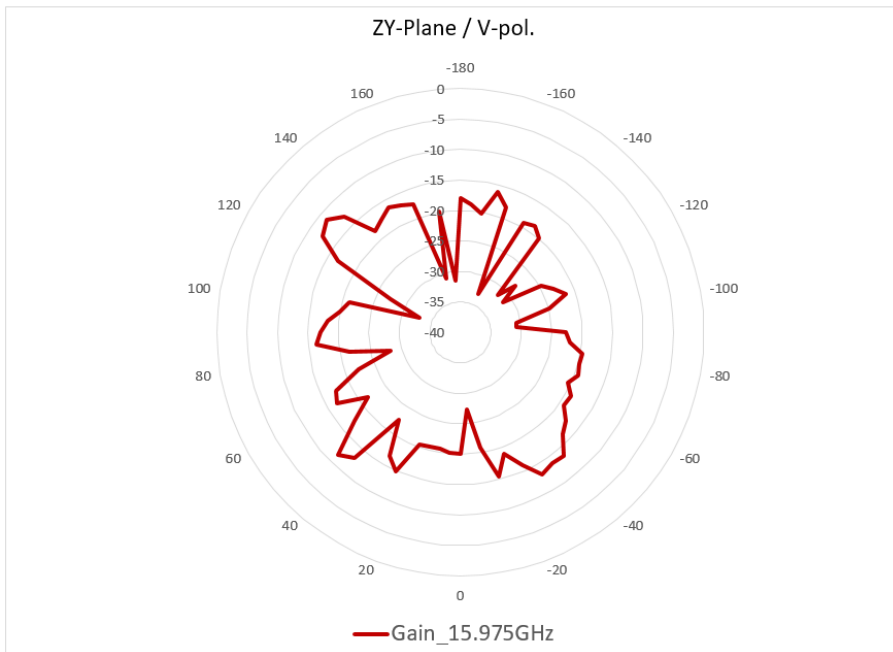


## 15.975GHz

### ZY-Plane

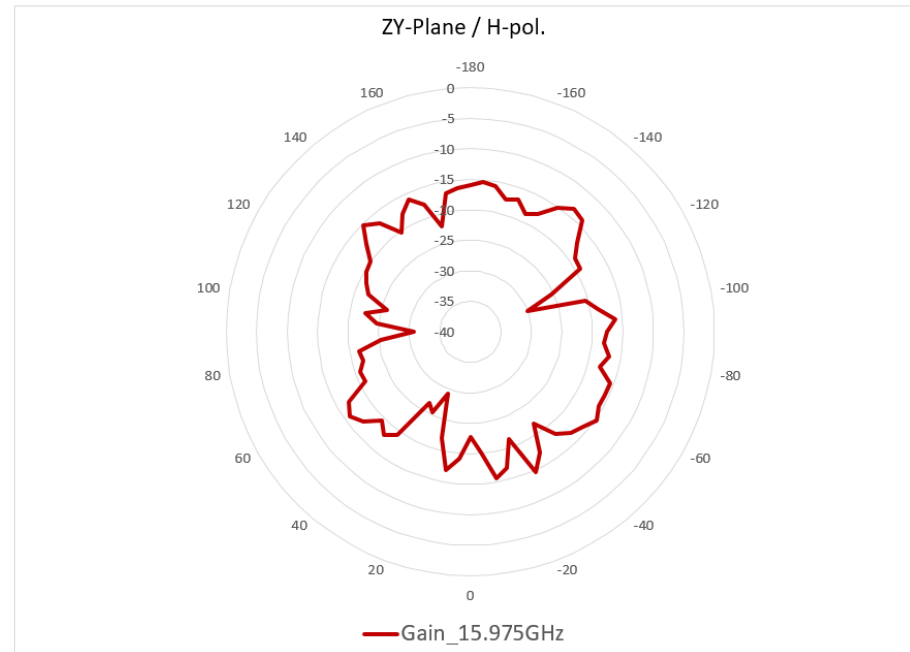
Frequency : Gain\_15.975GHz

Max Gain	-11.31	dBi
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Frequency : Gain\_15.975GHz

Max Gain	-13.58	dBi
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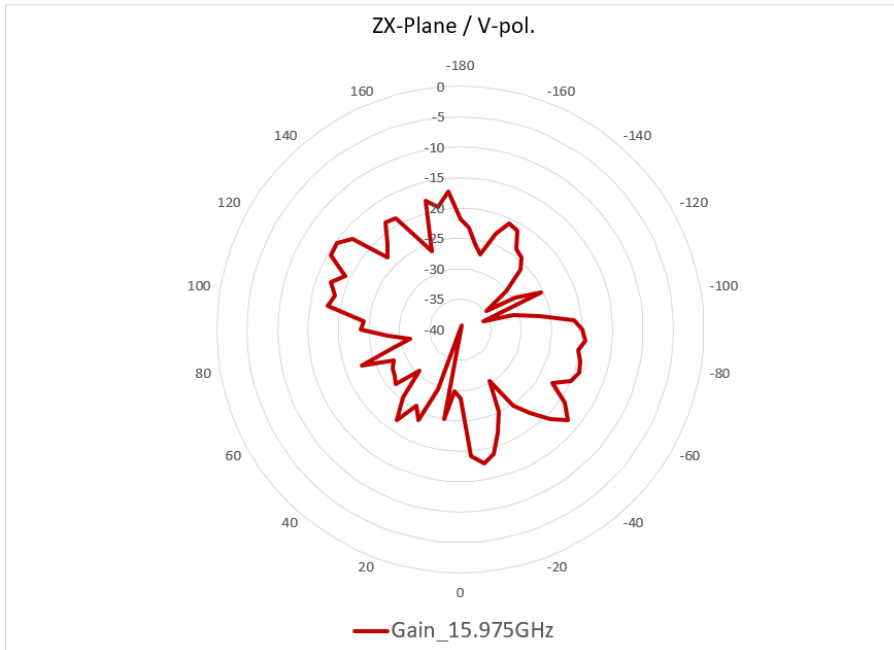


## 15.975GHz

### ZX-Plane

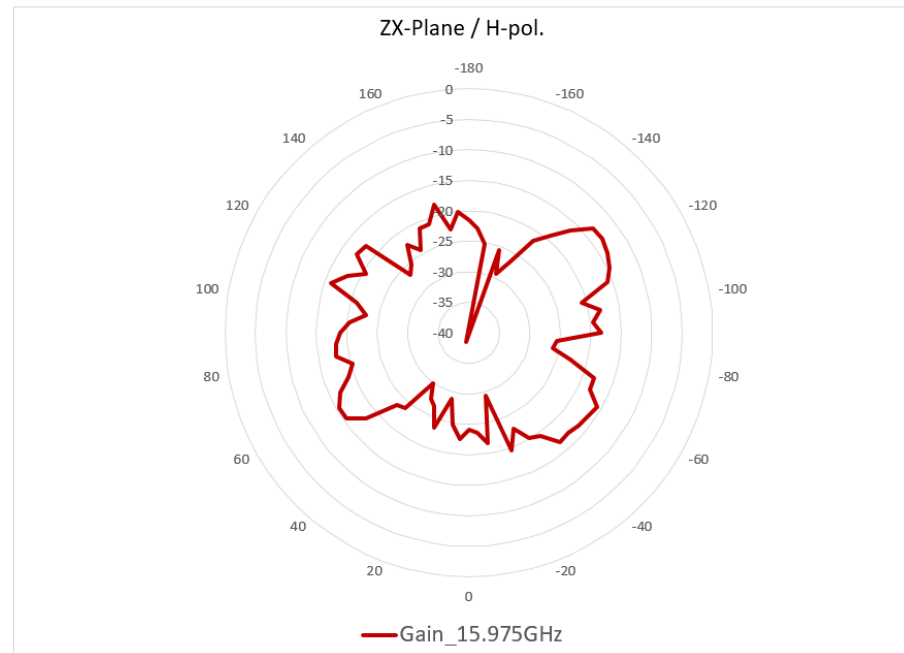
Frequency : Gain\_15.975GHz

Max Gain	-15.02	dBi
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Frequency : Gain\_15.975GHz

Max Gain	-13.24	dBi
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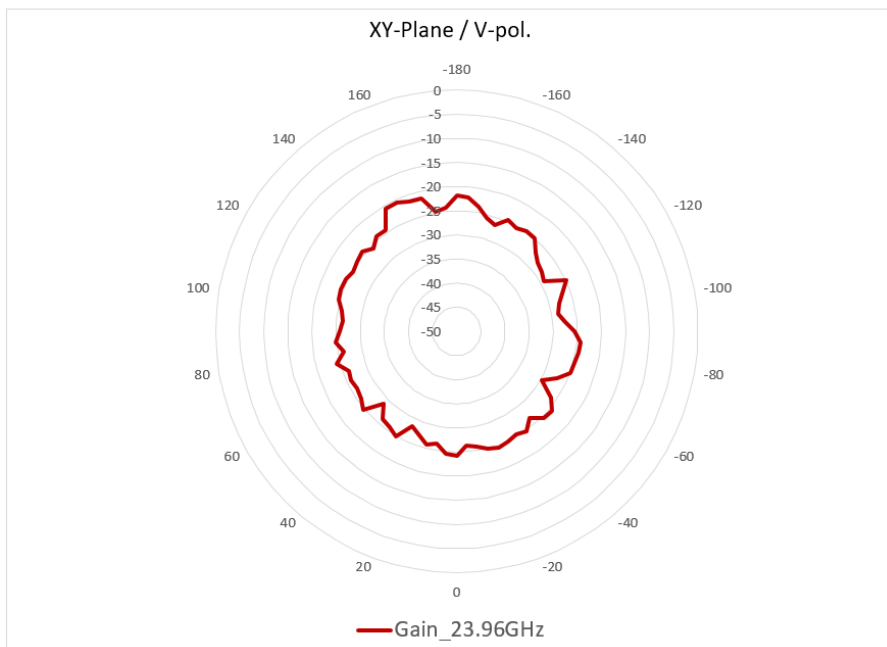


## 23.96GHz~26GHz

### XY-Plane

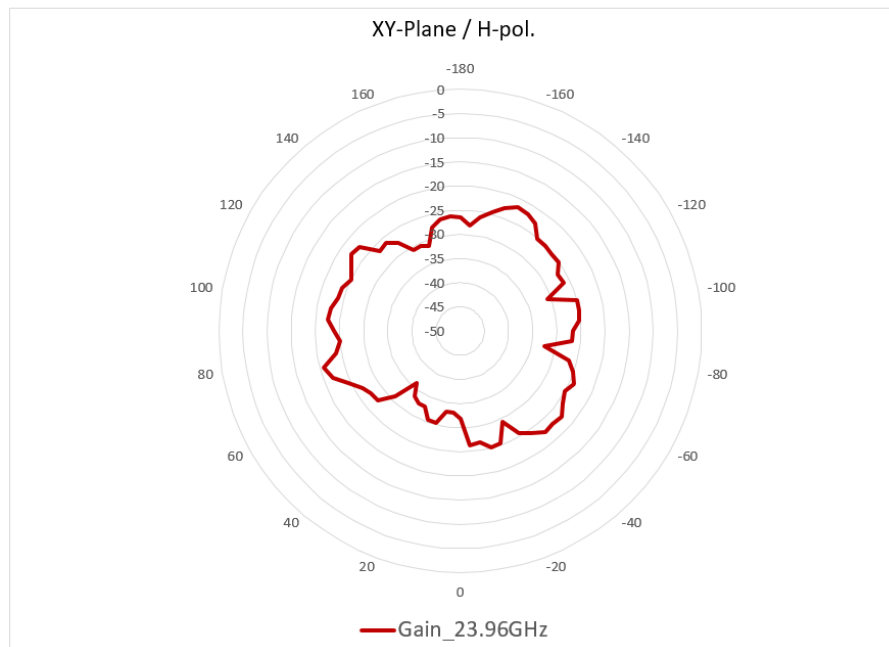
Frequency : Gain\_23.96GHz

Max Gain	-20.56	dBi
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Frequency : Gain\_23.96GHz

Max Gain	-20.83	dBi
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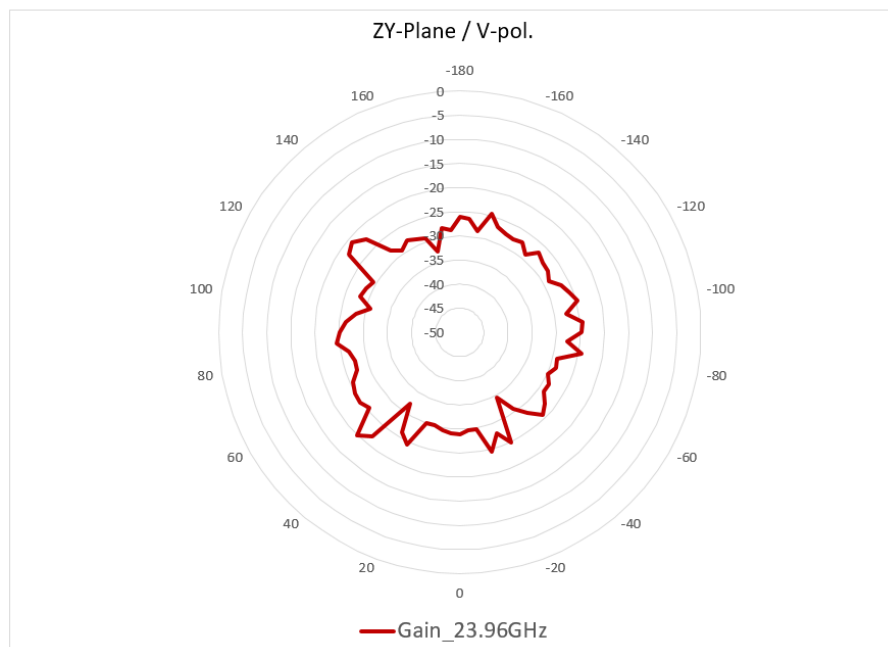


## 23.96GHz~26GHz

### ZY-Plane

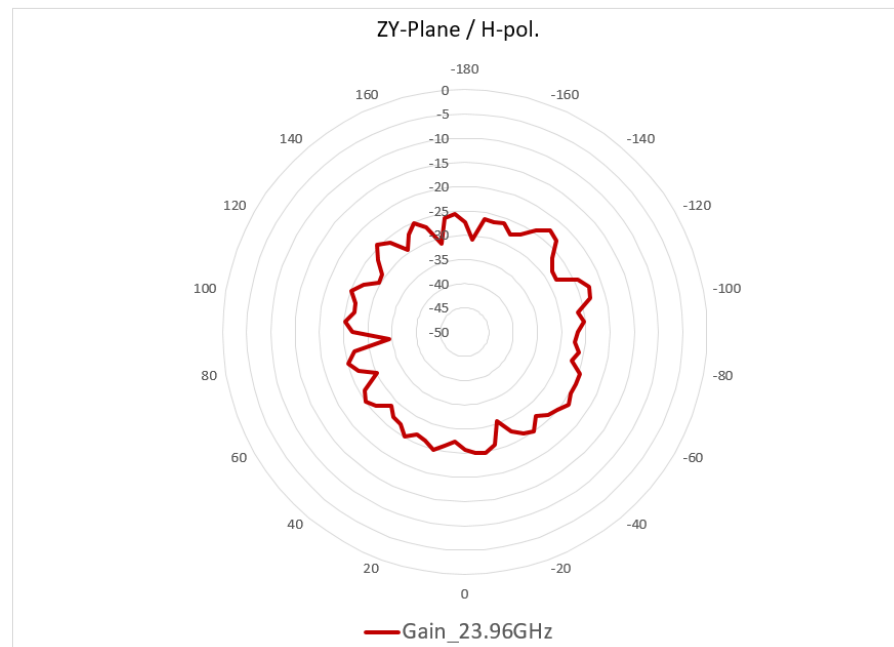
Frequency : Gain\_23.96GHz

Max Gain	-19.86	dBi
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Frequency : Gain\_23.96GHz

Max Gain	-22.68	dBi
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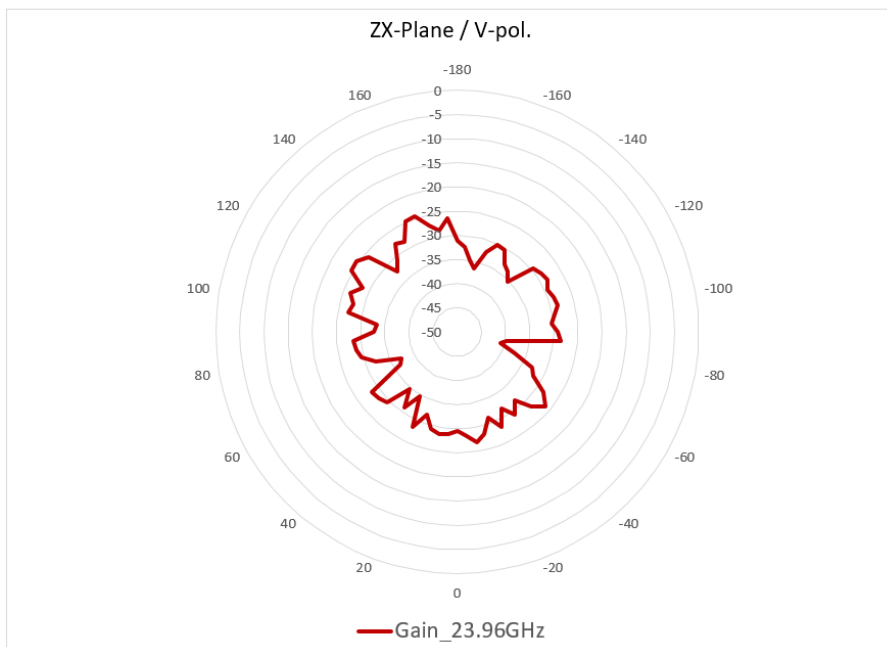


## 23.96GHz~26GHz

### ZX-Plane

Frequency : Gain\_23.96GHz

Max Gain	-24.22	dBi
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Frequency : Gain\_23.96GHz

Max Gain	-22.64	dBi
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