# Fuzhou JieLei Electronic Technology Co.,Ltd. OTA Test Report

## General Information

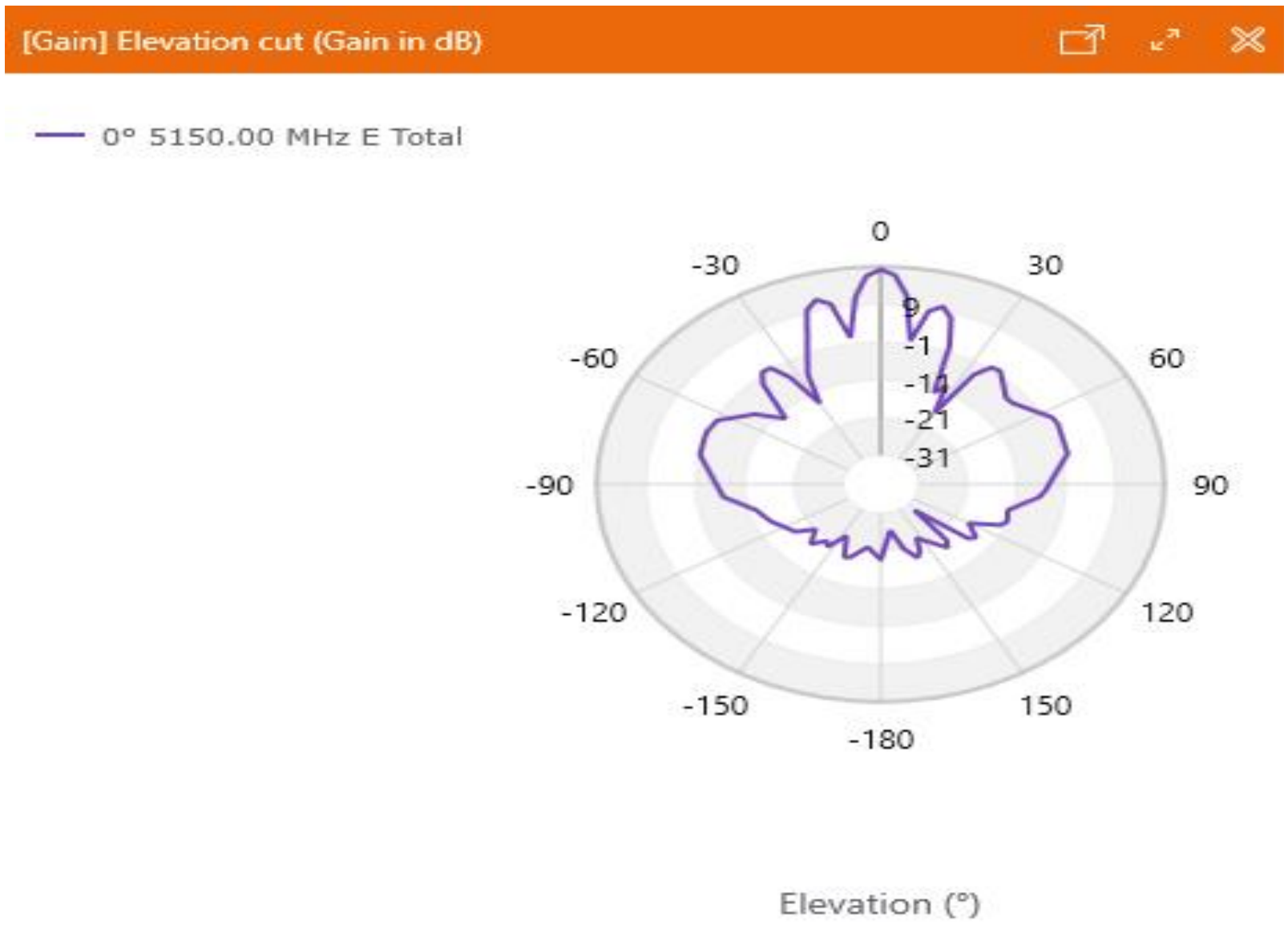
| | | | |
|---|---|---|---|
| UET | Wireless Bridge | Model Number | RG-AirMetro460G |
| Antenna type | Directional Antenna | Antenna Model Number | C168-JL-82A/C168-JL-82B |
| Test condition | 22.2°C/ 43 % | Operation frequency | 5150-5850MHz |

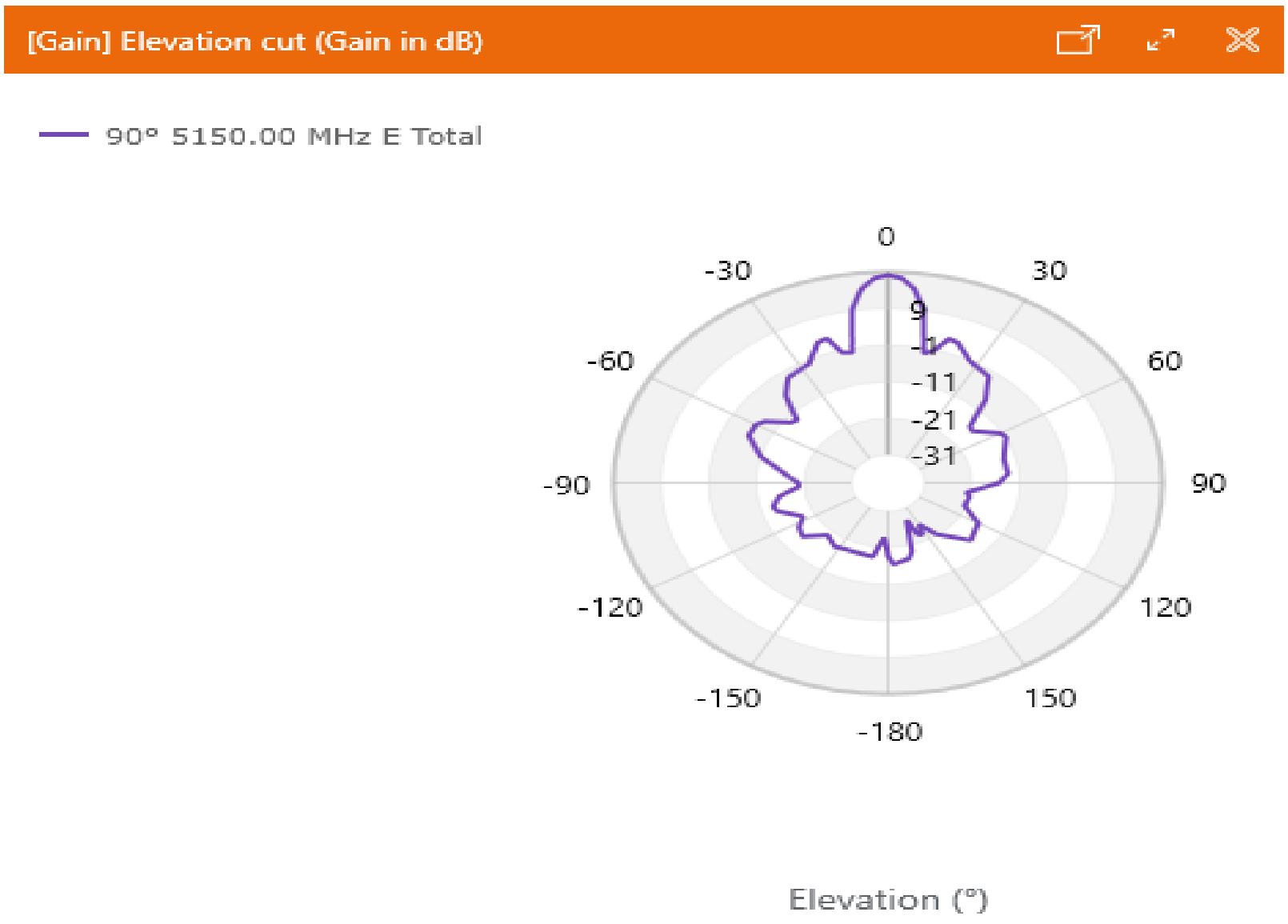
| | |
|---|---|
| Manufacturer: | Fuzhou JieLei Electronic Technology Co.,Ltd. OTA Test Report |
| Address: | R&F Center C1-1425, Taijiang District, Fuzhou City, Fujian Province |

Test Result

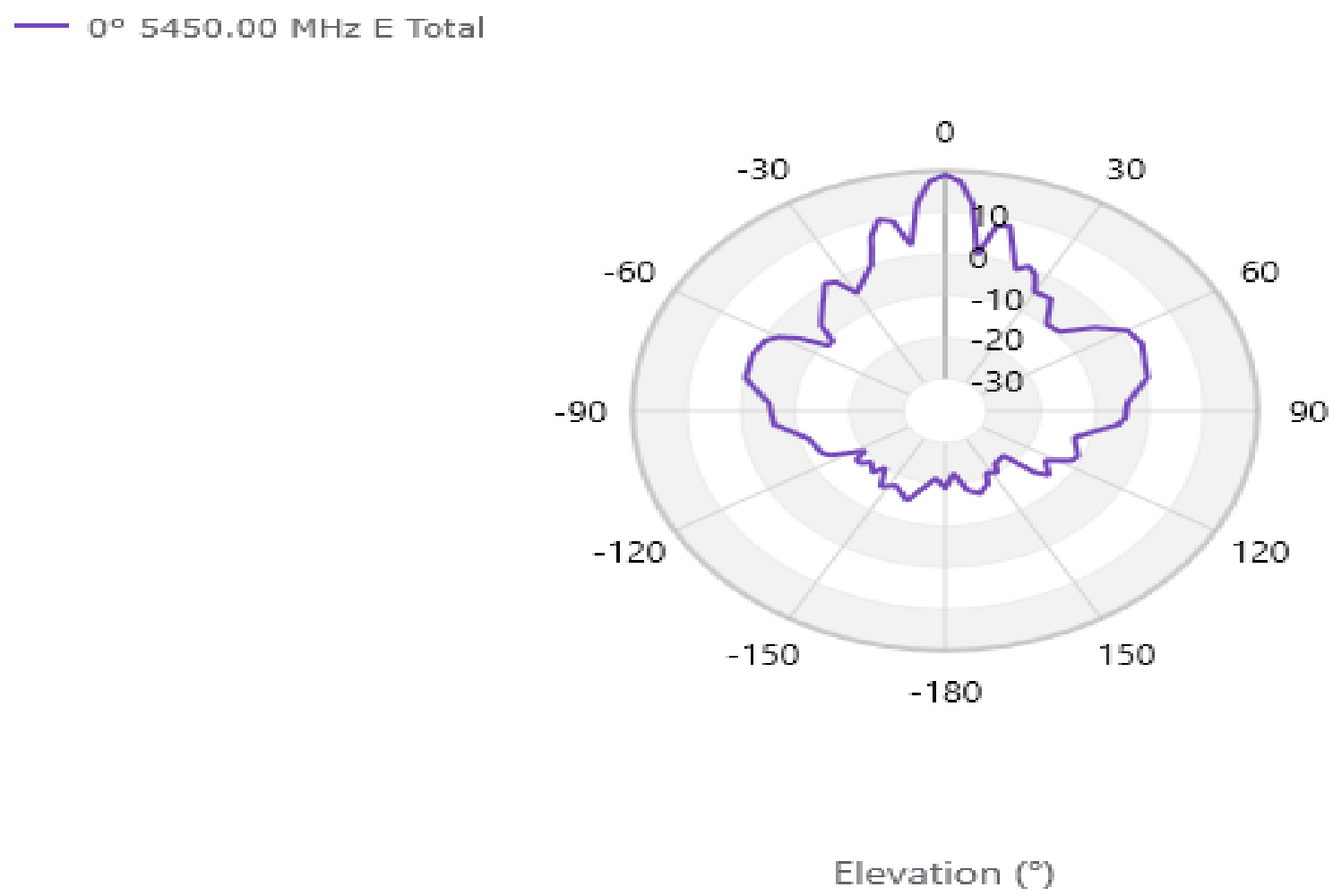
| 5G Antenna 1 | | | 5G Antenna 2 | | | | | |
|---|---|---|---|---|---|---|---|---|
| Freq (MHz) | Max (dB) | Effi (%) | Freq (MHz) | Max (dB) | Effi (%) | Freq (MHz) | Effi (%) | Max (dB) |
| 5150.00 | 18.23 | 46.17 | 5150.00 | 18.42 | 46.99 | | | |
| 5170.00 | 18.37 | 46.29 | 5170.00 | 18.37 | 46.67 | | | |
| 5190.00 | 18.49 | 47.41 | 5190.00 | 18.26 | 46.75 | | | |
| 5210.00 | 18.67 | 46.54 | 5210.00 | 18.22 | 45.52 | | | |
| 5230.00 | 18.69 | 47.01 | 5230.00 | 18.08 | 45.74 | | | |
| 5250.00 | 18.8 | 47.39 | 5250.00 | 18.07 | 46.2 | | | |
| 5270.00 | 18.81 | 46.25 | 5270.00 | 18.01 | 44.74 | | | |
| 5290.00 | 18.8 | 45.74 | 5290.00 | 17.98 | 44.72 | | | |
| 5310.00 | 18.82 | 45.75 | 5310.00 | 17.91 | 44.57 | | | |
| 5330.00 | 18.85 | 45.66 | 5330.00 | 17.9 | 44.43 | | | |
| 5350.00 | 18.81 | 44.98 | 5350.00 | 17.81 | 43.42 | | | |
| 5370.00 | 18.83 | 45.21 | 5370.00 | 17.79 | 43.37 | | | |
| 5390.00 | 18.84 | 44.82 | 5390.00 | 17.77 | 42.75 | | | |
| 5410.00 | 18.9 | 45.3 | 5410.00 | 17.84 | 43.31 | | | |
| 5430.00 | 18.94 | 45.77 | 5430.00 | 17.91 | 44.16 | | | |
| 5450.00 | 19.04 | 46.54 | 5450.00 | 18.05 | 45.34 | | | |
| 5470.00 | 19.17 | 46.84 | 5470.00 | 18.21 | 46.27 | | | |
| 5490.00 | 19.22 | 47.29 | 5490.00 | 18.34 | 47.4 | | | |
| 5510.00 | 19.17 | 46.73 | 5510.00 | 18.36 | 47.3 | | | |
| 5530.00 | 19.2 | 46.51 | 5530.00 | 18.43 | 47.52 | | | |
| 5550.00 | 19.18 | 45.64 | 5550.00 | 18.41 | 46.66 | | | |
| 5570.00 | 19.23 | 45.85 | 5570.00 | 18.46 | 47.07 | | | |
| 5590.00 | 19.26 | 44.89 | 5590.00 | 18.46 | 46.05 | | | |
| 5610.00 | 19.18 | 44.39 | 5610.00 | 18.41 | 45.48 | | | |
| 5630.00 | 19.2 | 44.45 | 5630.00 | 18.41 | 45.5 | | | |
| 5650.00 | 19.2 | 44.03 | 5650.00 | 18.39 | 45.1 | | | |
| 5670.00 | 19.2 | 43.25 | 5670.00 | 18.37 | 44.23 | | | |
| 5690.00 | 19.22 | 42.56 | 5690.00 | 18.37 | 43.55 | | | |
| 5710.00 | 19.22 | 42.22 | 5710.00 | 18.37 | 43.39 | | | |
| 5730.00 | 19.15 | 40.96 | 5730.00 | 18.31 | 42.67 | | | |
| 5750.00 | 19.13 | 40.14 | 5750.00 | 18.4 | 42.54 | | | |
| 5770.00 | 19.12 | 39.4 | 5770.00 | 18.41 | 42.63 | | | |
| 5790.00 | 19.12 | 38.38 | 5790.00 | 18.49 | 42.25 | | | |
| 5810.00 | 19.09 | 37.62 | 5810.00 | 18.51 | 42.54 | | | |
| 5830.00 | 19.09 | 37.22 | 5830.00 | 18.57 | 43.13 | | | |
| 5850.00 | 19.14 | 37.17 | 5850.00 | 18.66 | 43.71 | | | |

5G Antenna 1

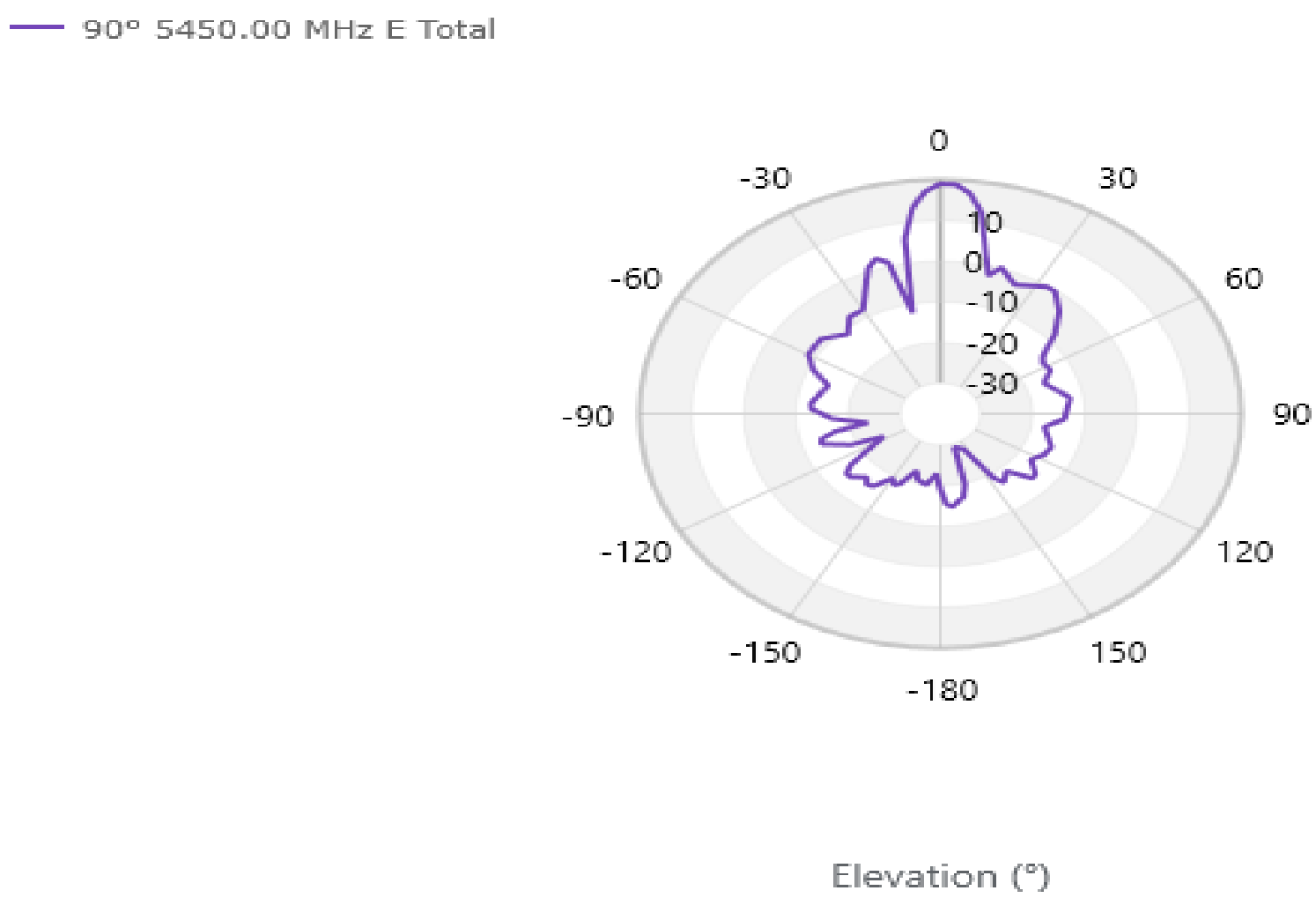

[Gain] Elevation cut (Gain in dB)
0° 5150.00 MHz E Total
0
30
60
90
120
150
-180
-150
-120
-90
-60
-30
9
-1
-11
-21
-31
Elevation (°)


[Gain] Elevation cut (Gain in dB)
90° 5150.00 MHz E Total
0
30
60
90
120
150
-180
-150
-120
-90
-60
-30
9
-1
-11
-21
-31
Elevation (°)

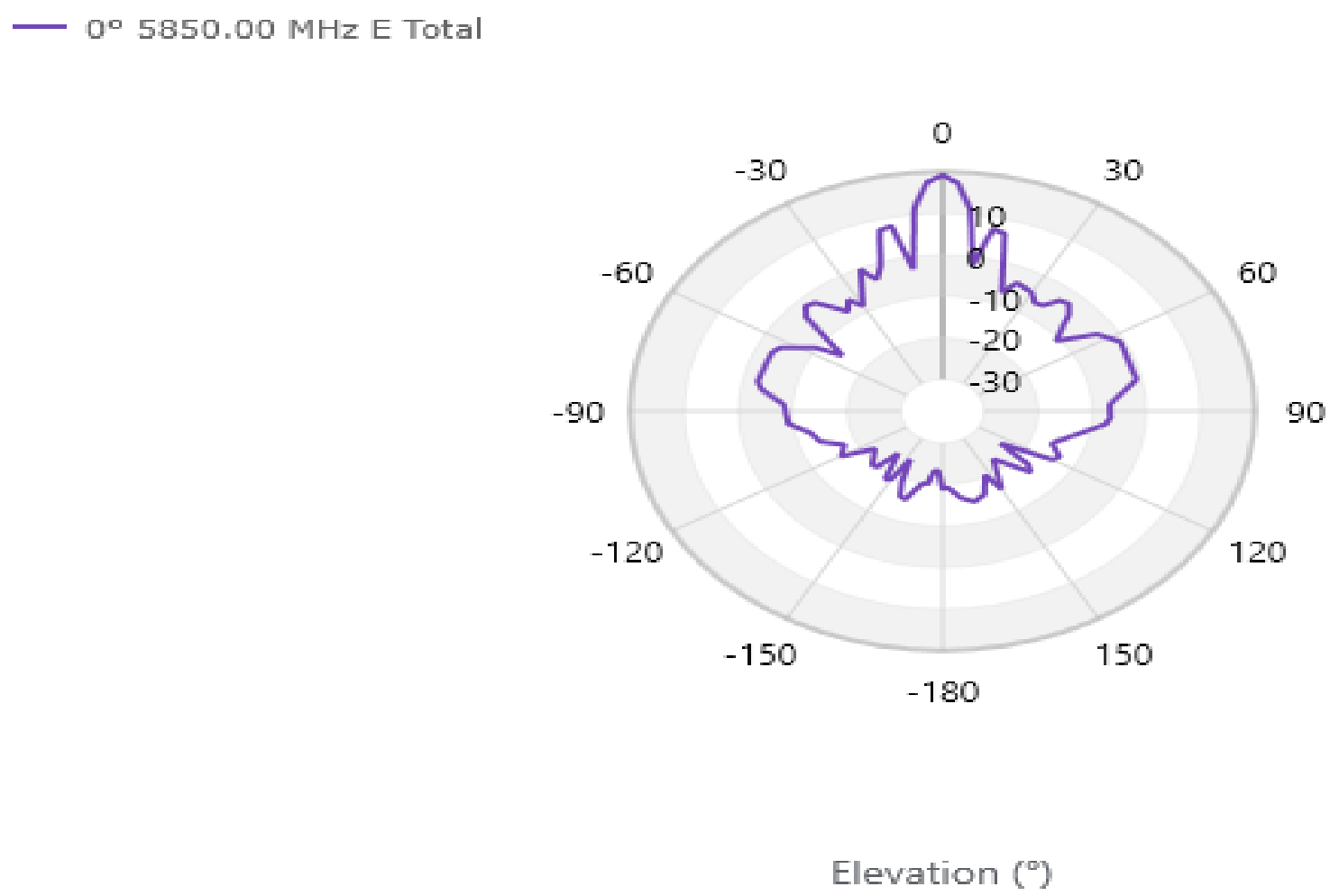
[Gain] Elevation cut (Gain in dB)



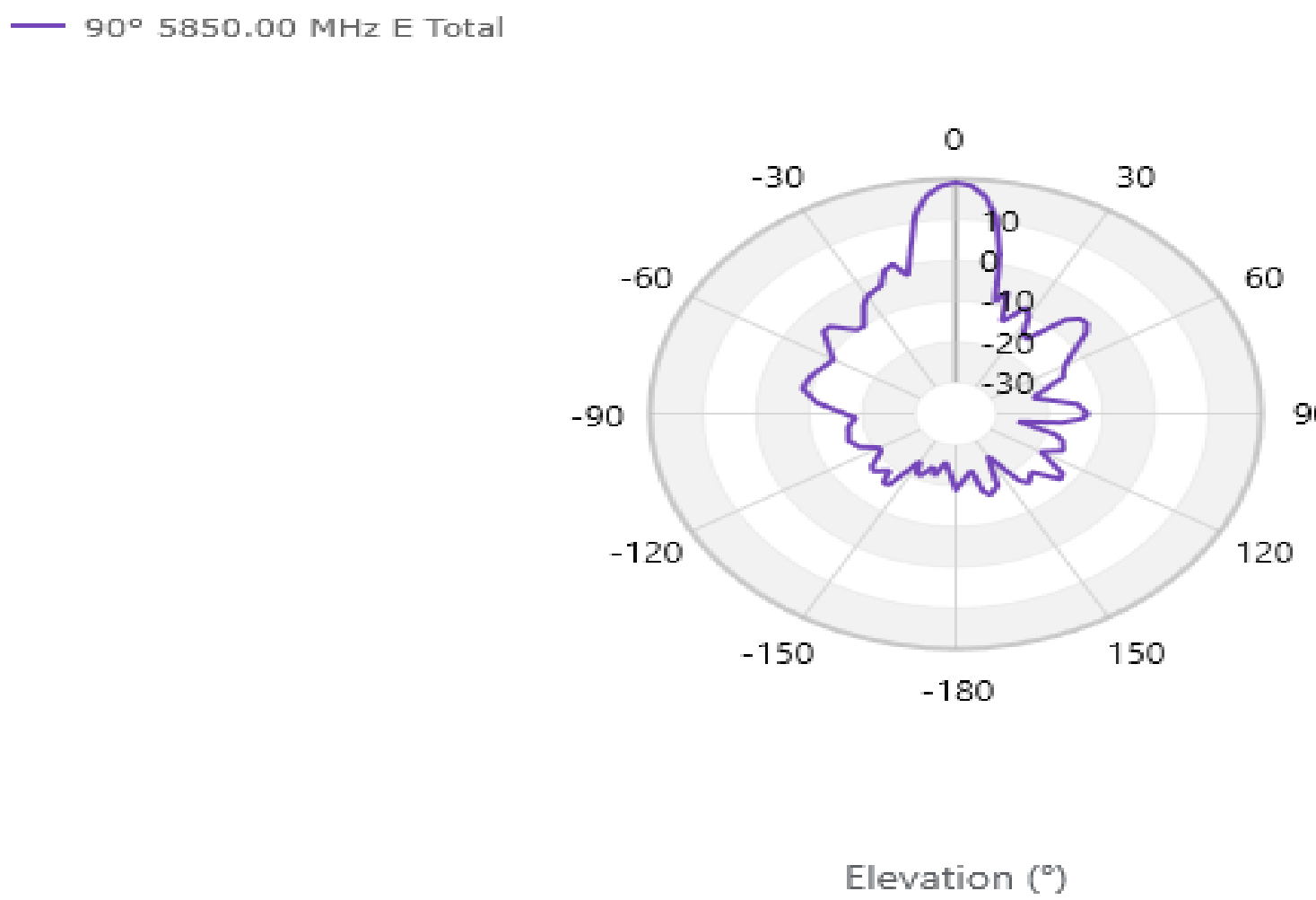

[Gain] Elevation cut (Gain in dB)



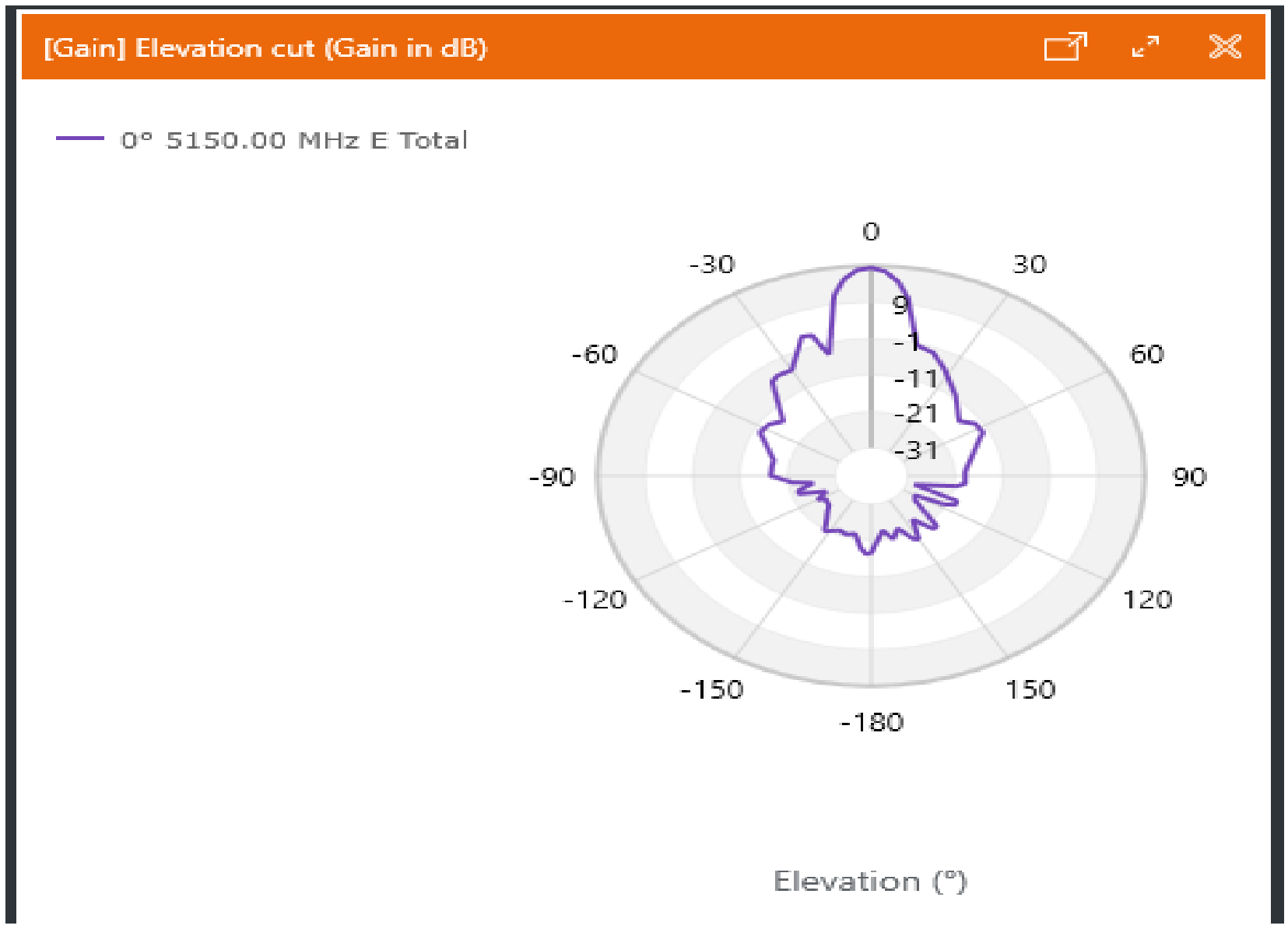
[Gain] Elevation cut (Gain in dB)

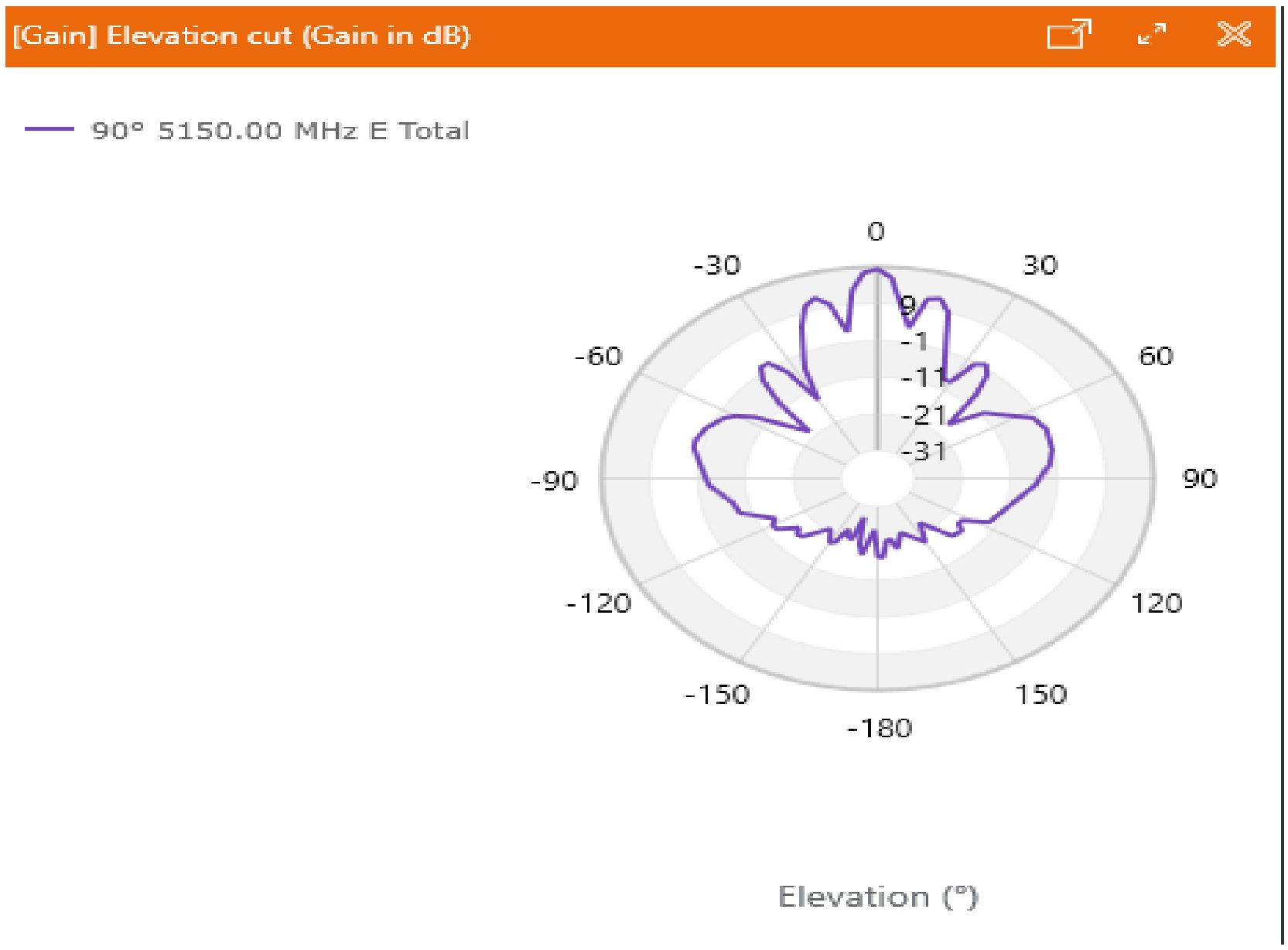



[Gain] Elevation cut (Gain in dB)

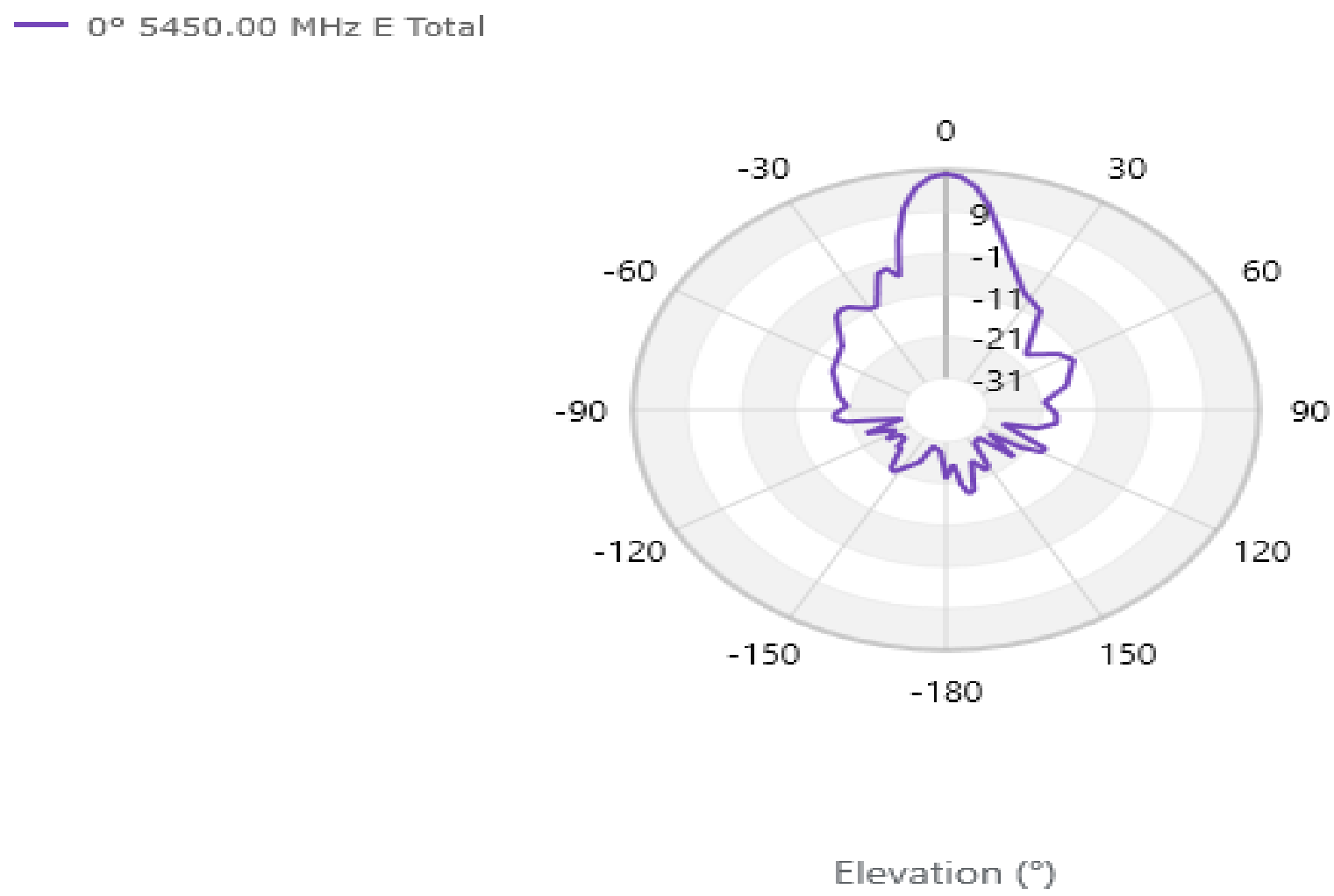


5G Antenna 2

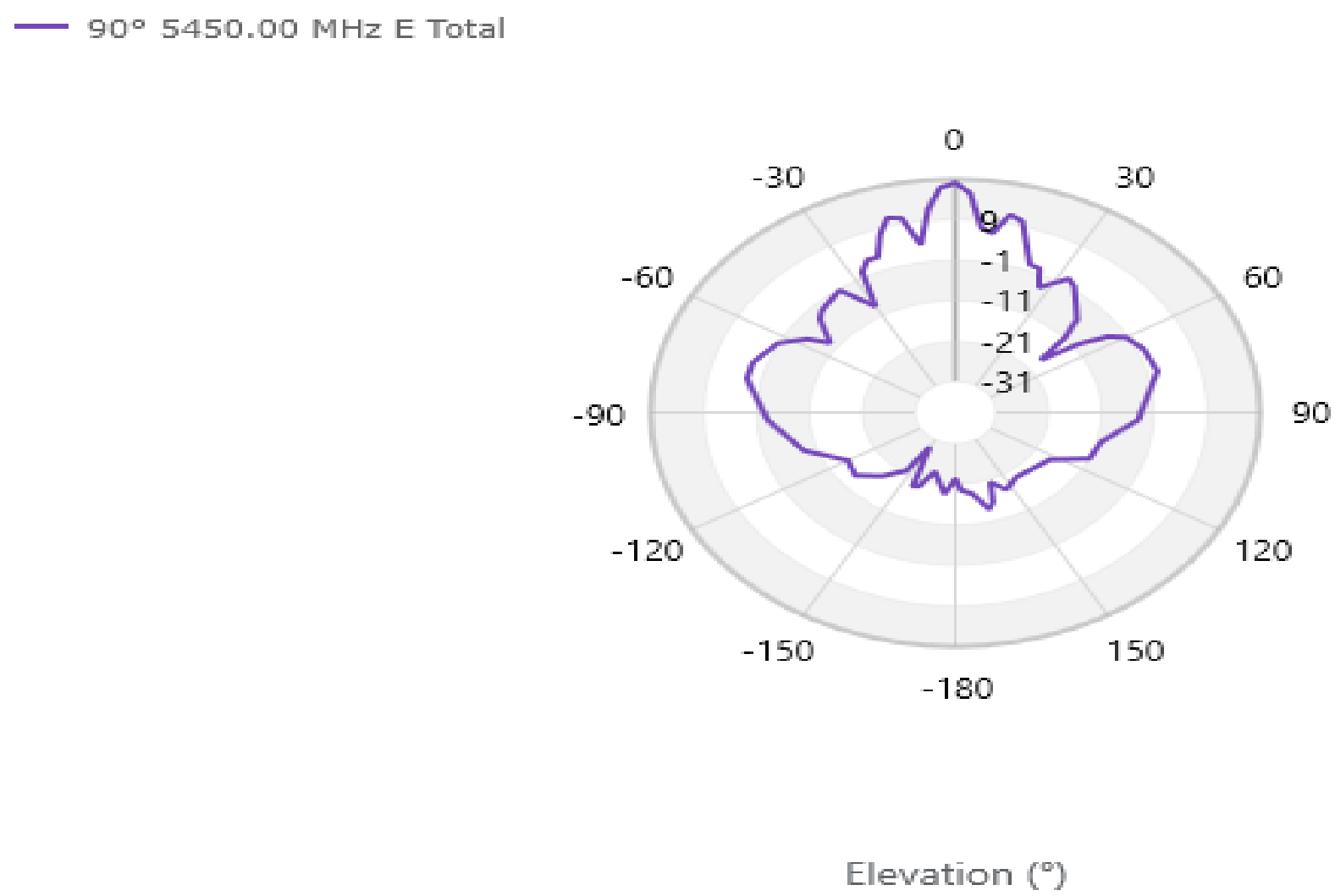

[Gain] Elevation cut (Gain in dB)
0° 5150.00 MHz E Total
0
30
60
90
120
150
-180
-150
-120
-90
-60
-30
9
-1
-11
-21
-31
Elevation (°)

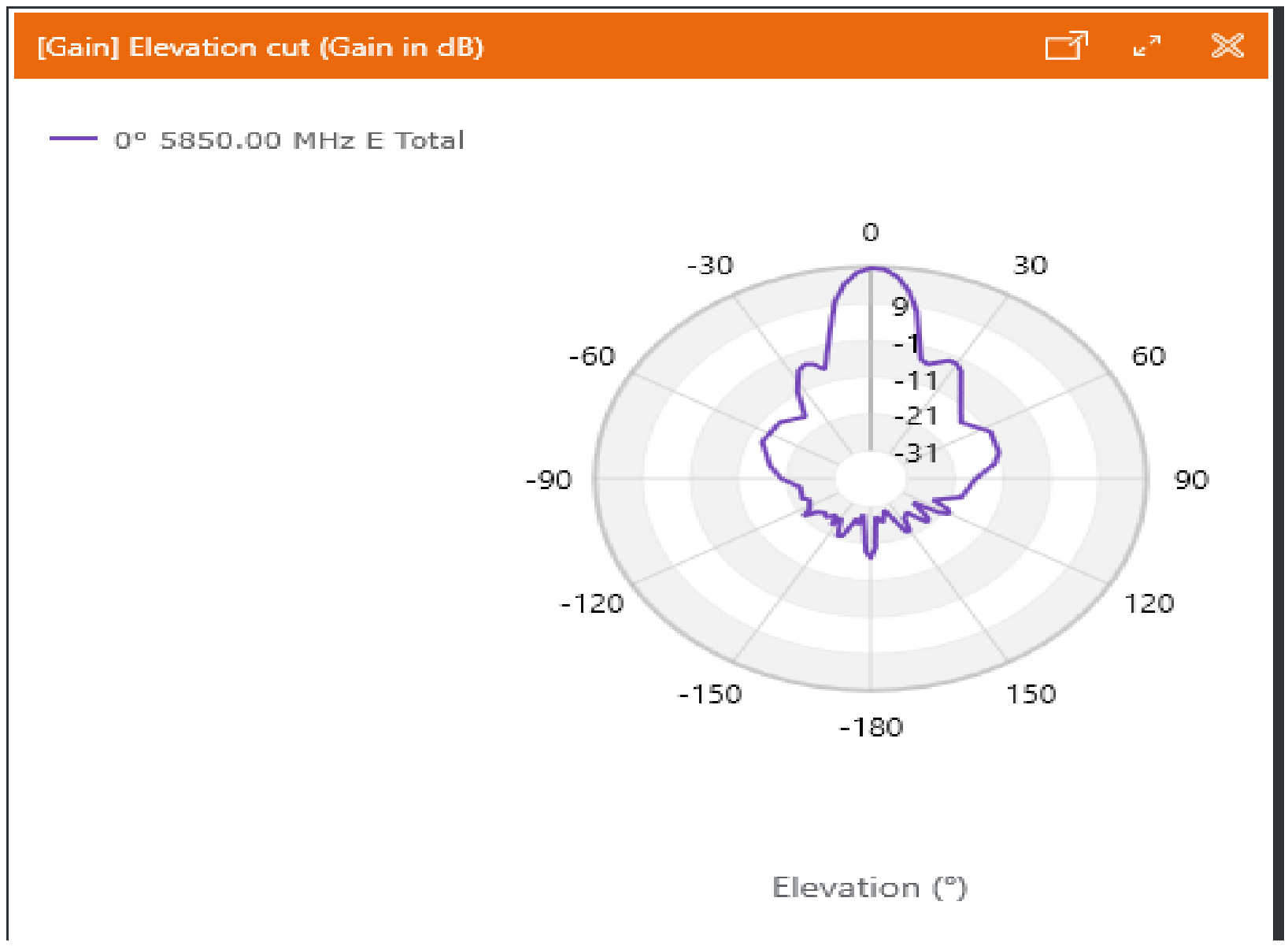

[Gain] Elevation cut (Gain in dB)
90° 5150.00 MHz E Total
0
30
60
90
120
150
-180
-150
-120
-90
-60
-30
9
-1
-11
-21
-31
Elevation (°)

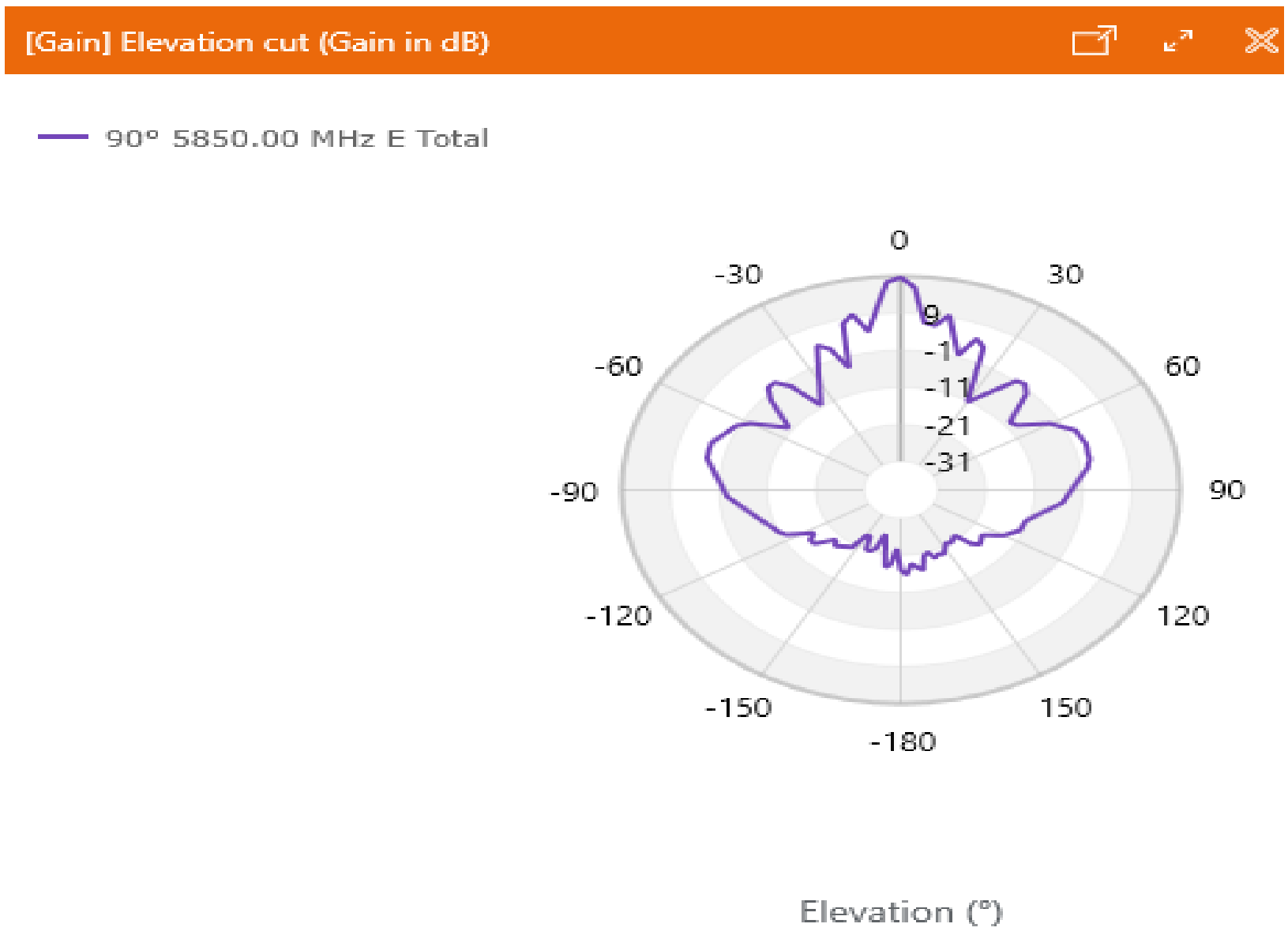
[Gain] Elevation cut (Gain in dB)

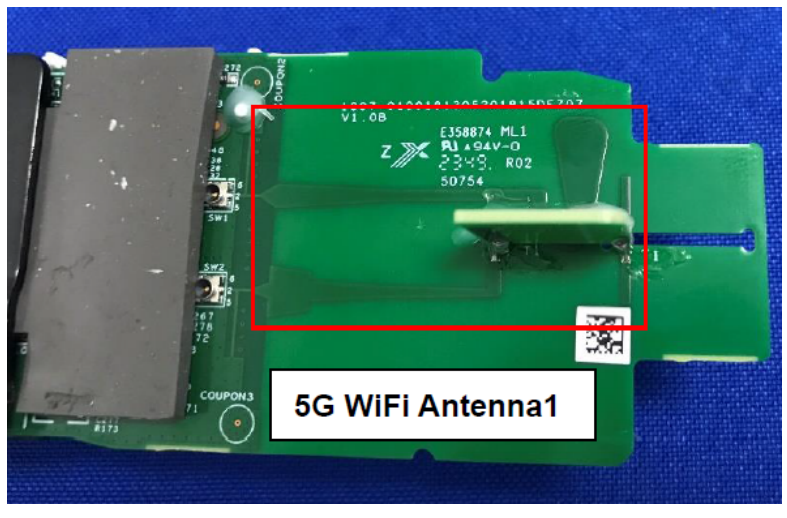


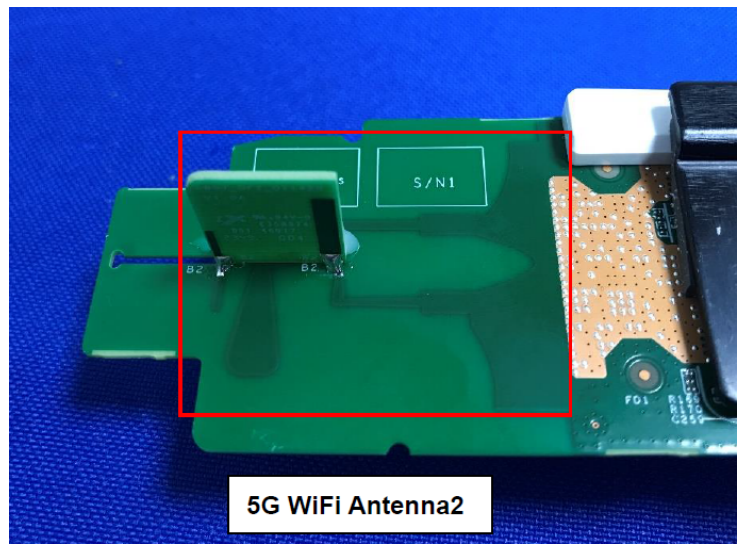

[Gain] Elevation cut (Gain in dB)

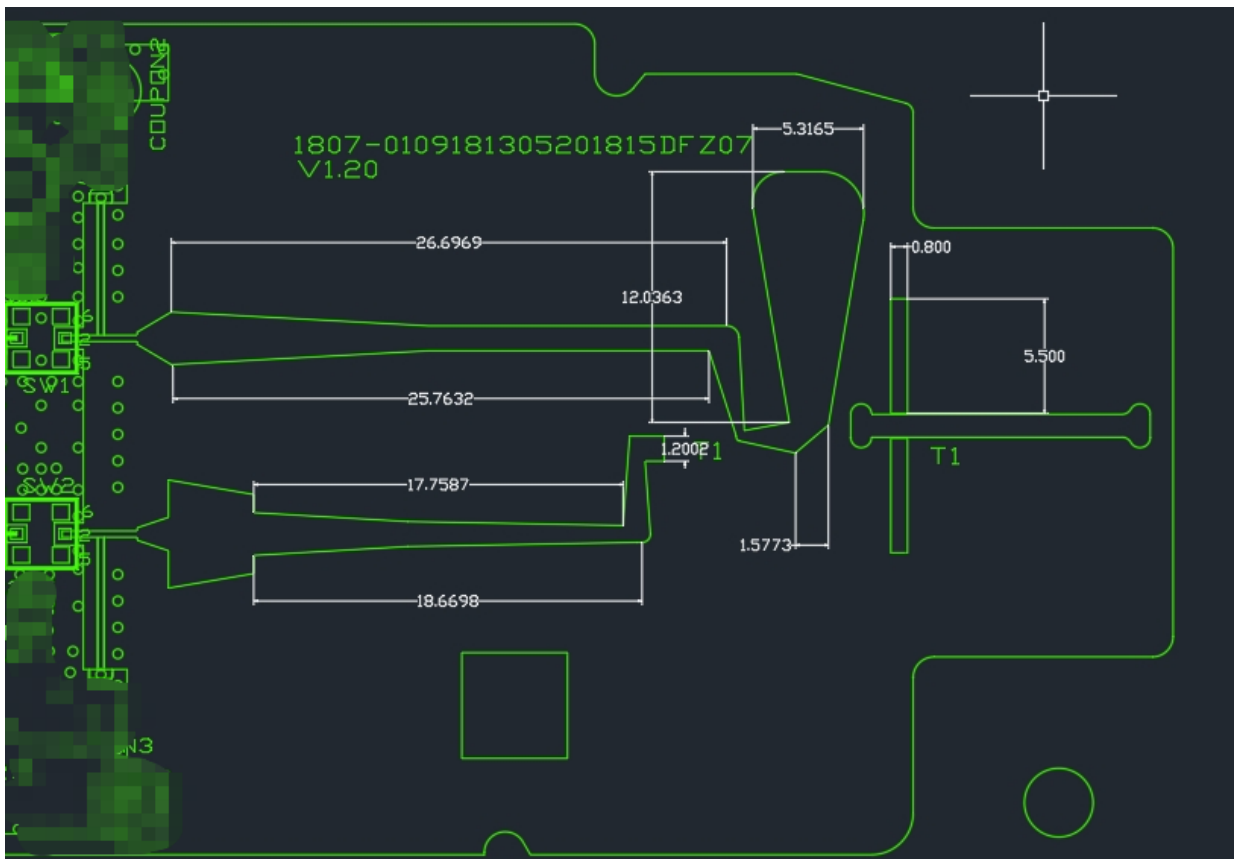



[Gain] Elevation cut (Gain in dB)
0° 5850.00 MHz E Total
0
30
60
90
120
150
-180
-150
-120
-90
-60
-30
9
-1
-11
-21
-31
Elevation (°)

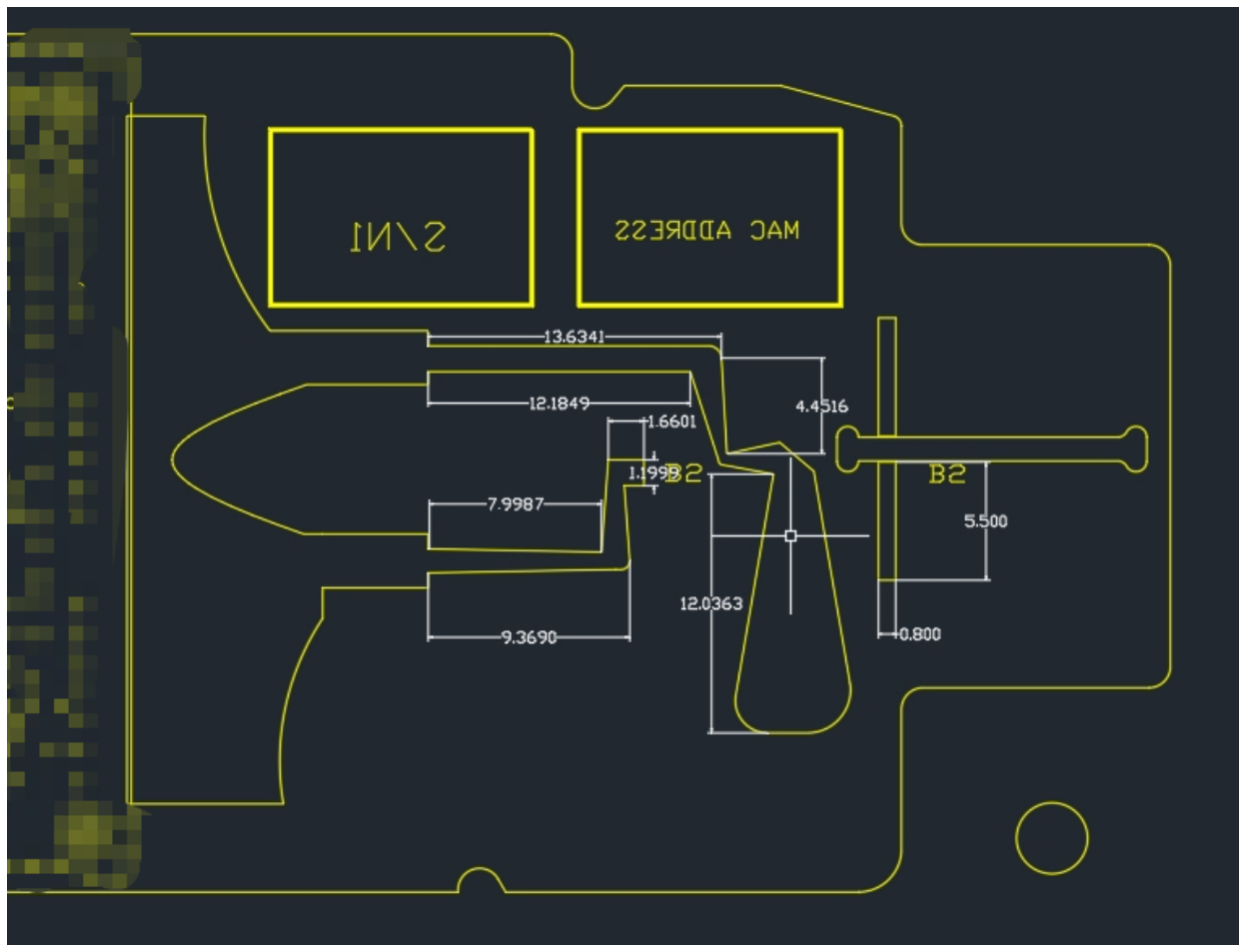

[Gain] Elevation cut (Gain in dB)
90° 5850.00 MHz E Total
0
30
60
90
120
150
-180
-150
-120
-90
-60
-30
9
-1
-11
-21
-31
Elevation (°)

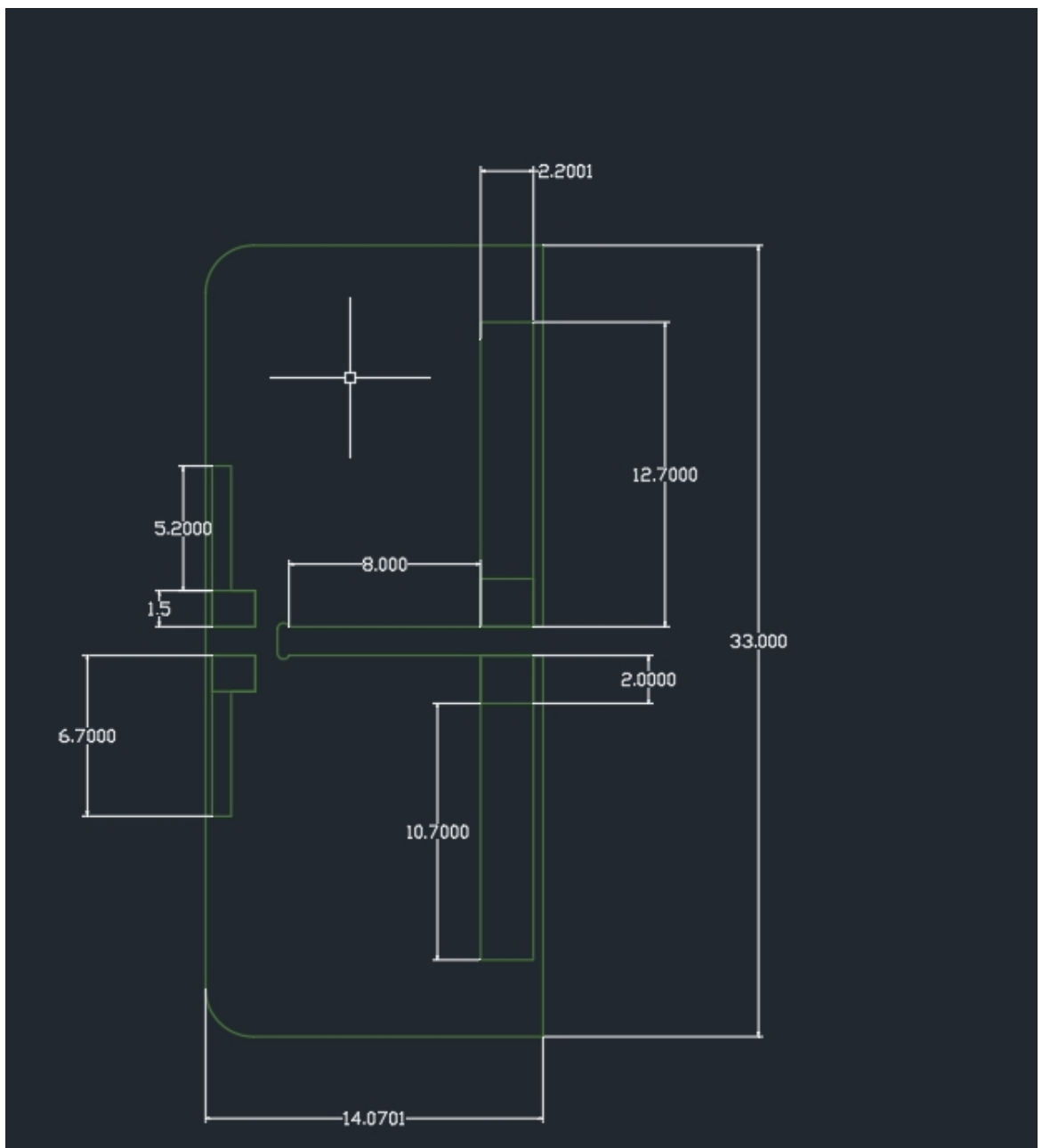

5G WiFi Antenna1


5G WiFi Antenna2


1807-010918130520181 5DFZ07
V1.20
5.3165
26.6969
0.800
12.0363
5.500
25.7632
1.2002
T1
17.7587
1.5773
18.6698
SW1
SW2

unit：mm


SN1
MAC ADDRESS
13.6341
12.1849
1.6601
4.4516
1.1998
B2
7.9987
5.500
12.0363
9.3690
0.800


2.2001
12.7000
5.2000
8.000
1.5
33.000
2.0000
6.7000
10.7000
14.0701