# 2.4~6Ghz Gooseneck Antenna

## MODEL: TH-2460-SMA(M)

## 1. GENERAL DESCRIPTION

| Model No | P/N |
|---|---|
| TH-2460 | TH2460-SMA(M) |

Below is a table summarizing the antenna design specification.

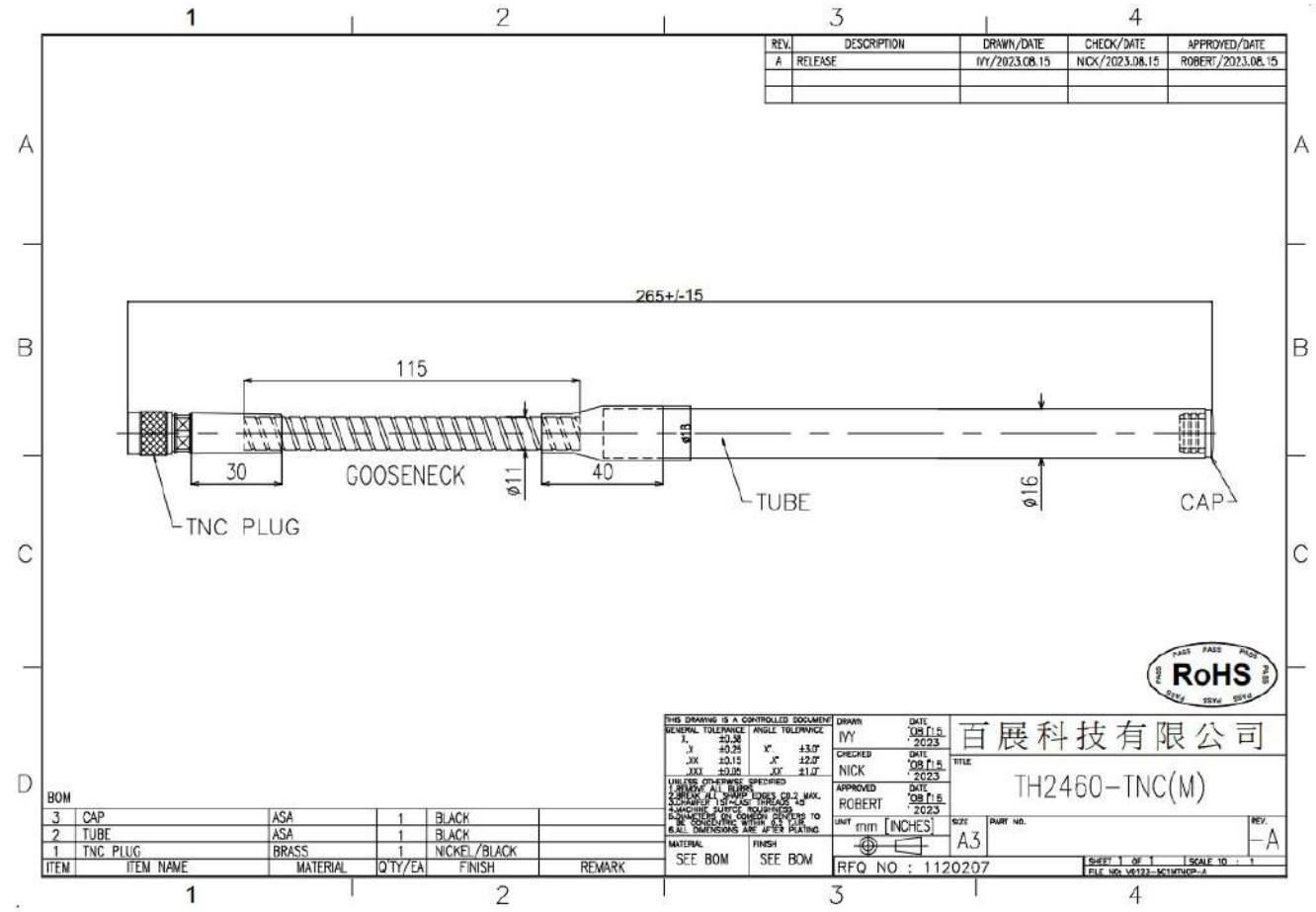
### 1.1 Electrical Properties

| Parameter | Description |
|---|---|
| Frequency Band | 2.4~6Ghz |
| Nominal Impedance | 50 ohm |
| Polarization | Vertical |
| Electrical Wave | Dipole |
| Return Loss | Please See Data-1 |
| V.S.W.R | 3.0 ： 1 |
| Gain | 3db |

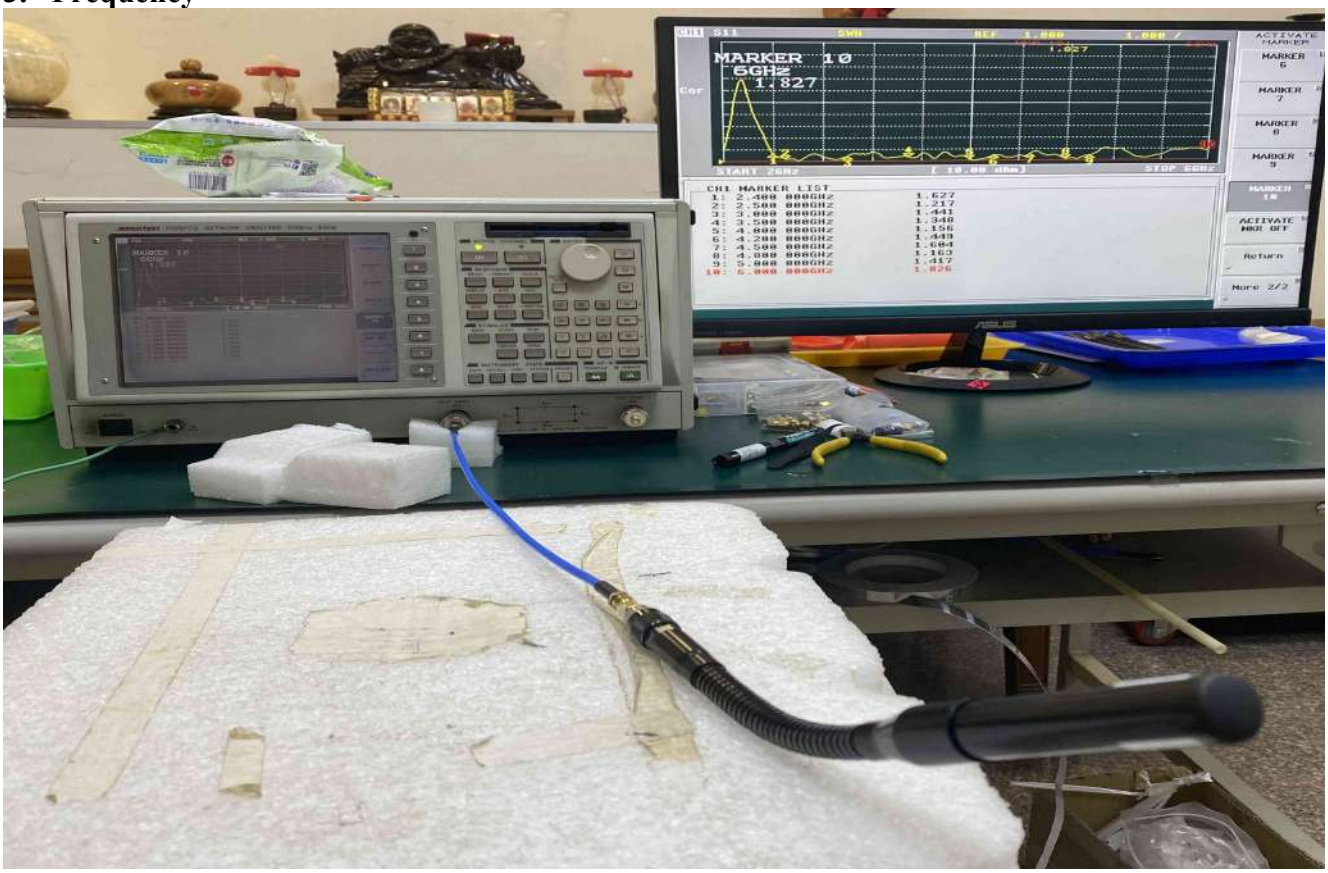
### 1.2 Mechanical Properties

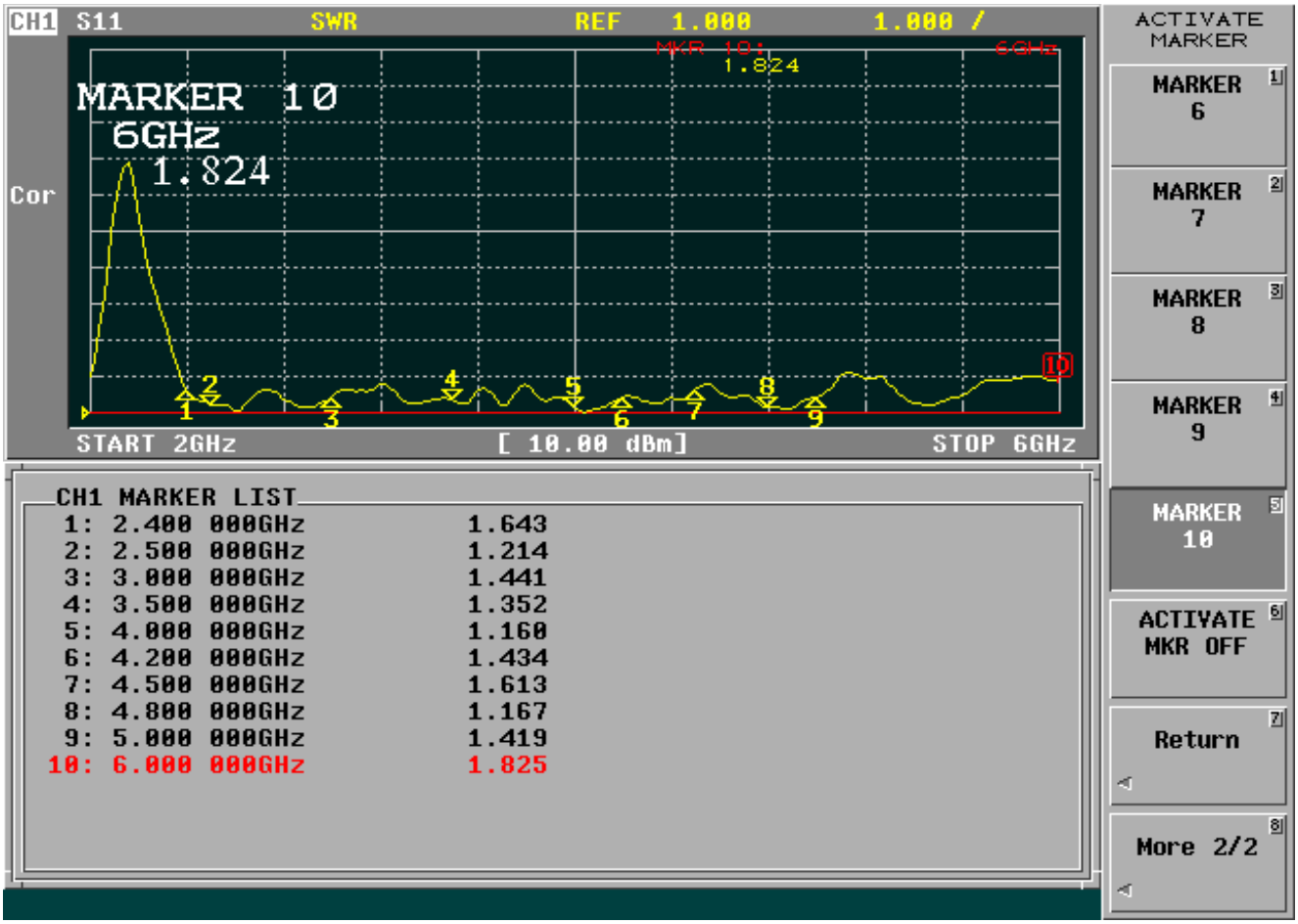
| Parameter | Description |
|---|---|
| Antenna Type | External Antenna |
| Touch Type | Screw Type |
| Connector Type | SMA(Male) |
| Antenna Dimensions | 265mm ±15 |
| Antenna Color | Black |
| Operating Temperature Range | -40°C~+85°C |
| Storage Temperature Range | -40°C~+85°C |

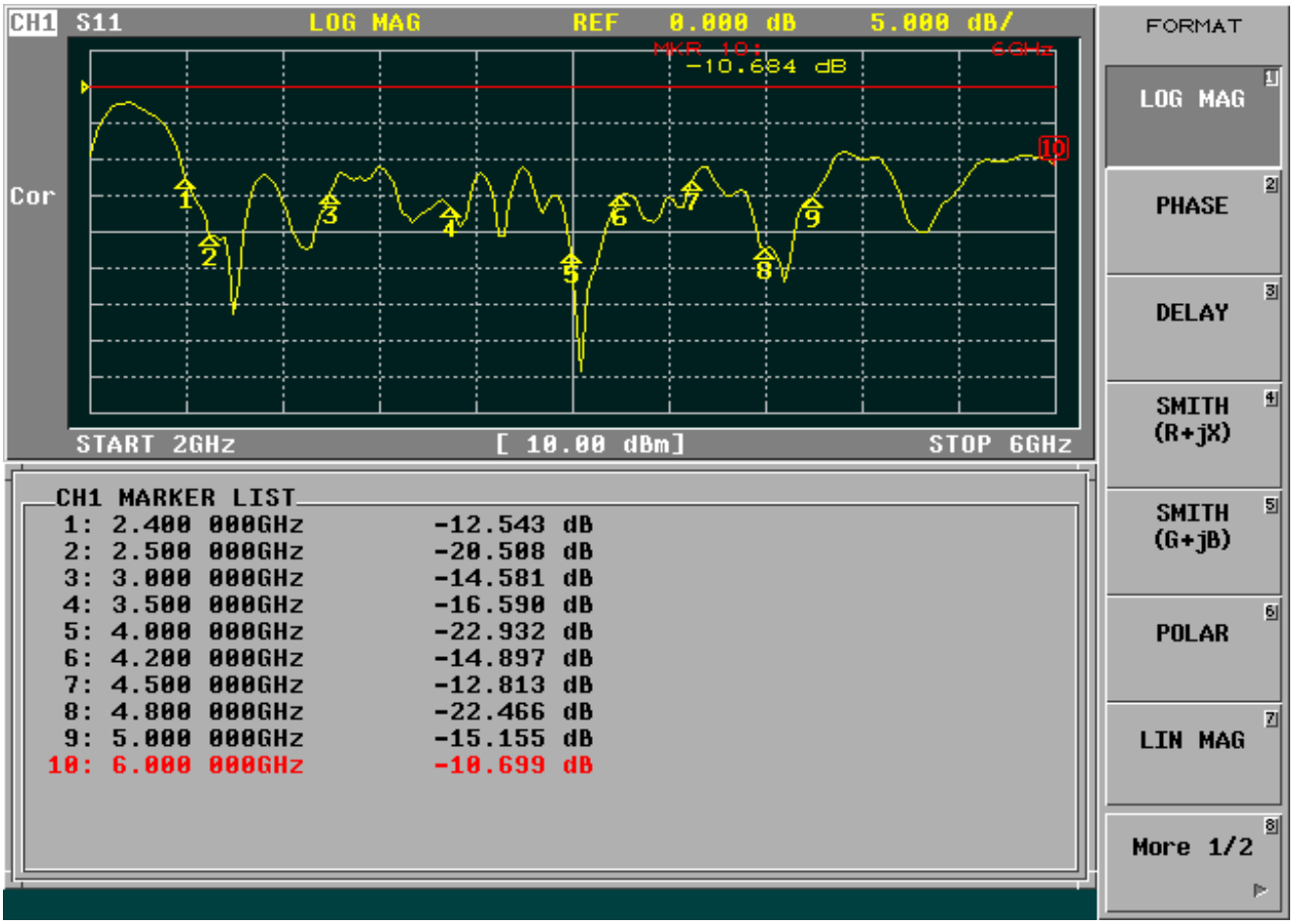
## 2. Appearance

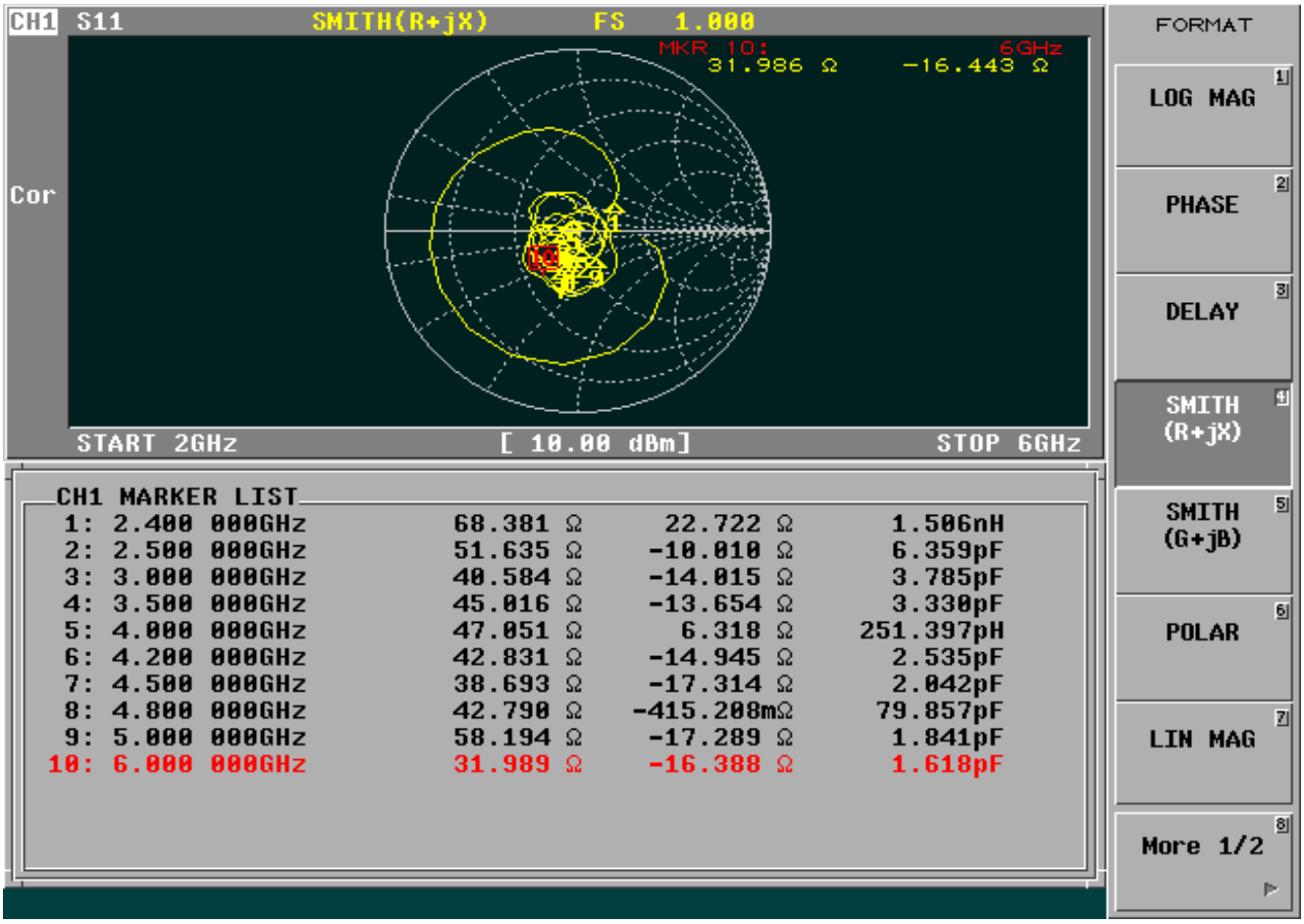


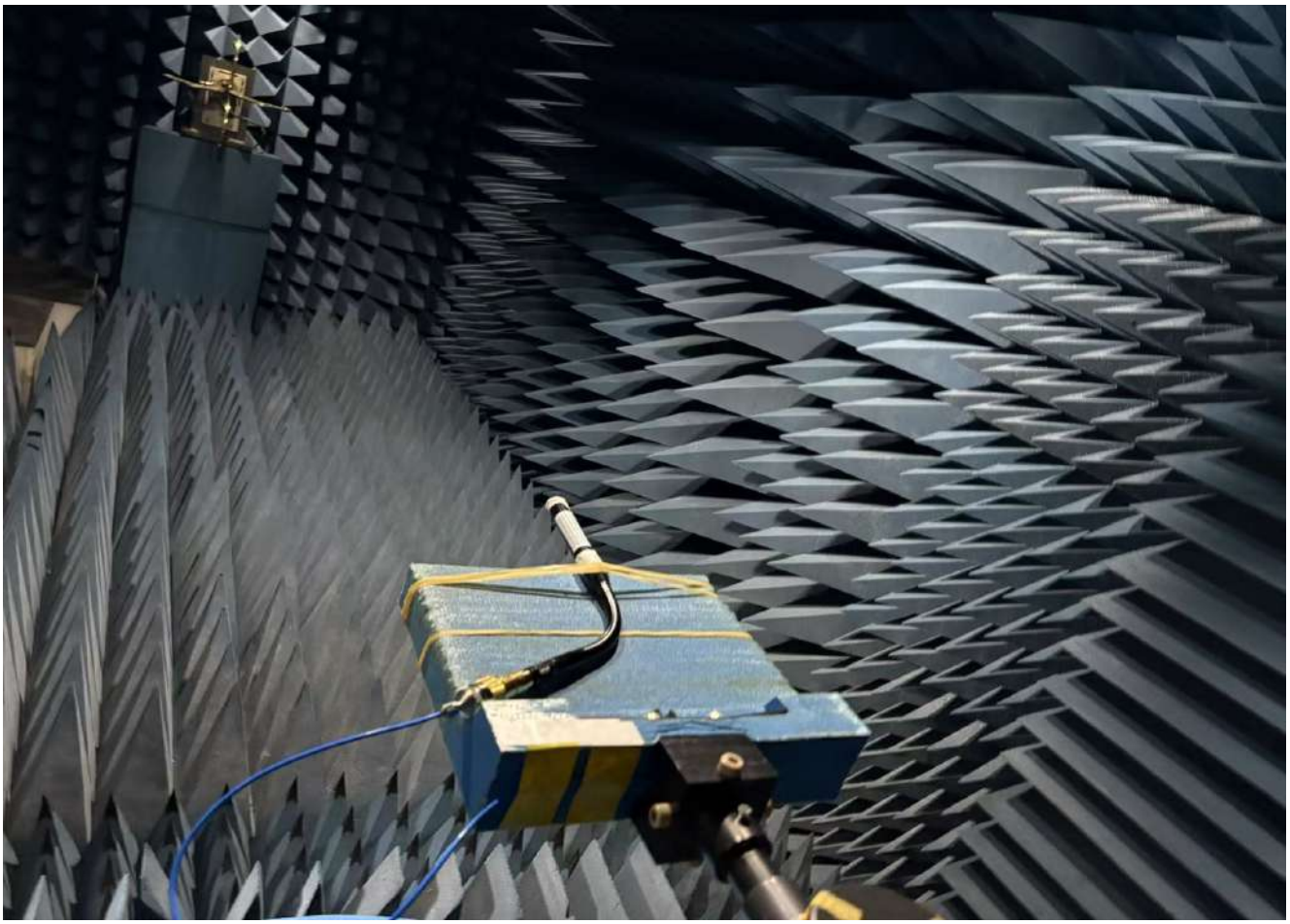

## 3. Frequency




CH1 S11 SWR REF 1.000 1.000 /
MKR 10: 1.824 6GHz
MARKER 10
6GHz
1.824
Cor
START 2GHz [ 10.00 dBm] STOP 6GHz
CH1 MARKER LIST
1: 2.400 000GHz 1.643
2: 2.500 000GHz 1.214
3: 3.000 000GHz 1.441
4: 3.500 000GHz 1.352
5: 4.000 000GHz 1.160
6: 4.200 000GHz 1.434
7: 4.500 000GHz 1.613
8: 4.800 000GHz 1.167
9: 5.000 000GHz 1.419
10: 6.000 000GHz 1.825
ACTIVATE MARKER
MARKER 6
MARKER 7
MARKER 8
MARKER 9
MARKER 10
ACTIVATE MKR OFF
Return
More 2/2


CH1 S11 LOG MAG REF 0.000 dB 5.000 dB/
MKR 10: -10.684 dB 6GHz
Cor
START 2GHz [ 10.00 dBm] STOP 6GHz
CH1 MARKER LIST
1: 2.400 000GHz -12.543 dB
2: 2.500 000GHz -20.508 dB
3: 3.000 000GHz -14.581 dB
4: 3.500 000GHz -16.590 dB
5: 4.000 000GHz -22.932 dB
6: 4.200 000GHz -14.897 dB
7: 4.500 000GHz -12.813 dB
8: 4.800 000GHz -22.466 dB
9: 5.000 000GHz -15.155 dB
10: 6.000 000GHz -10.699 dB
FORMAT
LOG MAG
PHASE
DELAY
SMITH (R+jX)
SMITH (G+jB)
POLAR
LIN MAG
More 1/2


CH1 S11
SMITH(R+jX)
FS 1.000
MKR 10: 6GHz
31.986 Ω -16.443 Ω
Cor
START 2GHz
[ 10.00 dBm]
STOP 6GHz
FORMAT
LOG MAG
PHASE
DELAY
SMITH (R+jX)
SMITH (G+jB)
POLAR
LIN MAG
More 1/2
CH1 MARKER LIST
1: 2.400 000GHz 68.381 Ω 22.722 Ω 1.506nH
2: 2.500 000GHz 51.635 Ω -10.010 Ω 6.359pF
3: 3.000 000GHz 40.584 Ω -14.015 Ω 3.785pF
4: 3.500 000GHz 45.016 Ω -13.654 Ω 3.330pF
5: 4.000 000GHz 47.051 Ω 6.318 Ω 251.397pH
6: 4.200 000GHz 42.831 Ω -14.945 Ω 2.535pF
7: 4.500 000GHz 38.693 Ω -17.314 Ω 2.042pF
8: 4.800 000GHz 42.790 Ω -415.208mΩ 79.857pF
9: 5.000 000GHz 58.194 Ω -17.289 Ω 1.841pF
10: 6.000 000GHz 31.989 Ω -16.388 Ω 1.618pF

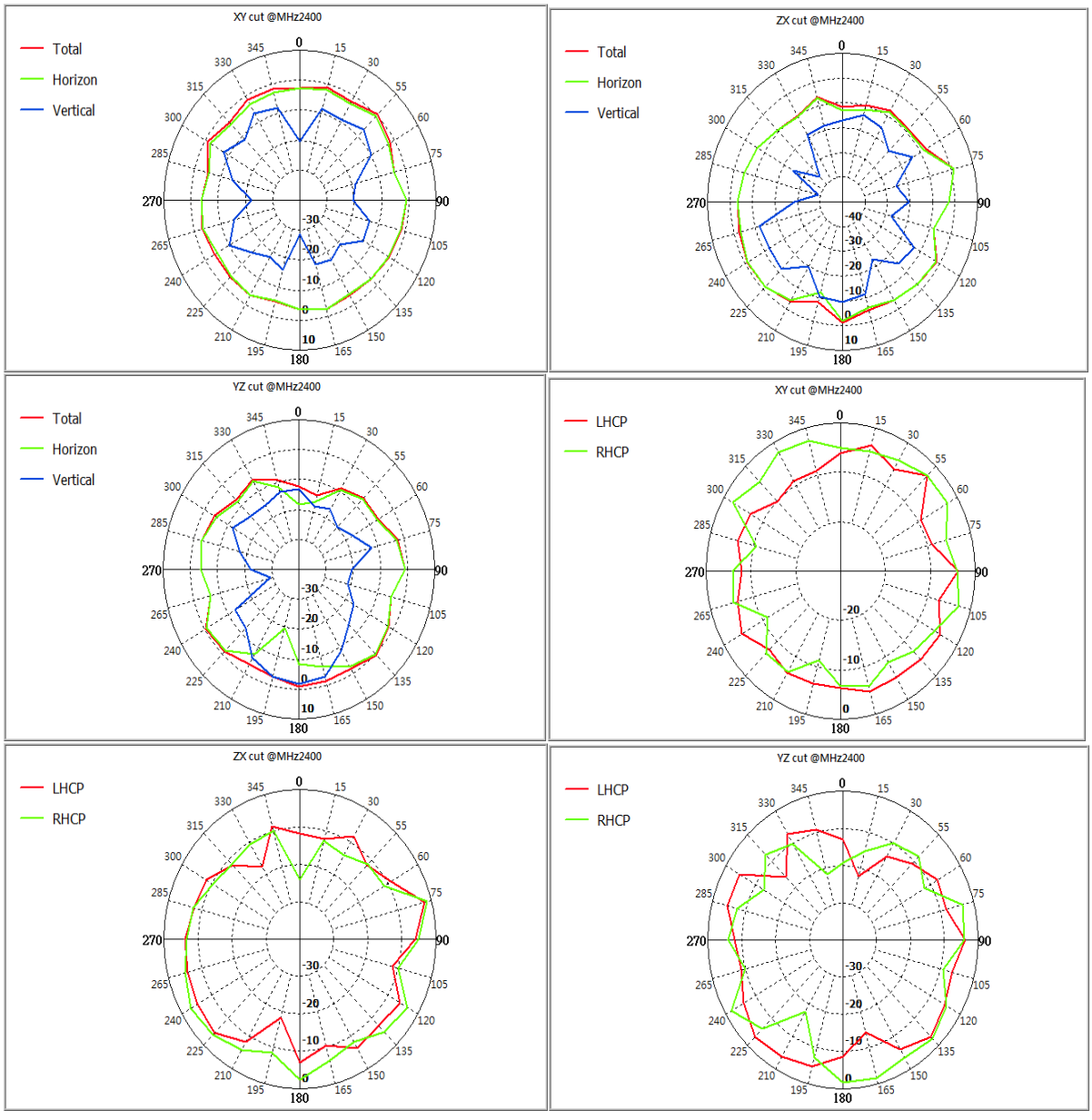


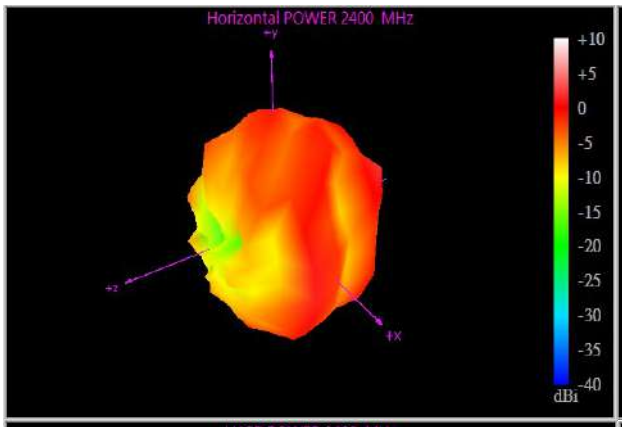
3D Total

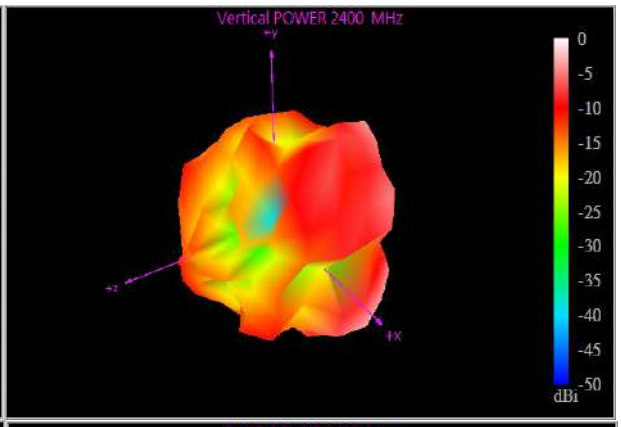
| Frequency (MHz) | Upper Hem. PRP (dBm) | Lower HEM. PRP (dBm) | Efficiency (dB) | Efficiency (%) | Gain (dBi) | Tot. Rad.Pwr. (dBm) |
|---|---|---|---|---|---|---|
| 2300 MHz | -8.76 | -7.50 | -5.07 | 31.09 | -0.01 | -5.07 |
| 2350 MHz | -8.56 | -6.55 | -4.43 | 36.08 | 1.36 | -4.43 |
| 2400 MHz | -7.58 | -5.00 | -3.09 | 49.06 | 2.82 | -3.09 |
| 2450 MHz | -7.25 | -4.18 | -2.44 | 57.01 | 3.59 | -2.44 |
| 2500 MHz | -7.00 | -3.76 | -2.08 | 61.98 | 3.98 | -2.08 |
| 2600 MHz | -8.03 | -4.41 | -2.84 | 51.97 | 3.76 | -2.84 |
| 2700 MHz | -7.16 | -5.47 | -3.22 | 47.61 | 2.49 | -3.22 |
| 2800 MHz | -8.48 | -6.49 | -4.36 | 36.62 | 1.61 | -4.36 |
| 2900 MHz | -6.03 | -3.31 | -1.45 | 71.63 | 4.10 | -1.45 |
| 3000 MHz | -6.30 | -3.22 | -1.48 | 71.10 | 4.74 | -1.48 |
| 3100 MHz | -7.34 | -3.77 | -2.19 | 60.46 | 4.34 | -2.19 |
| 3200 MHz | -8.04 | -4.87 | -3.16 | 48.31 | 2.89 | -3.16 |
| 3300 MHz | -8.55 | -5.35 | -3.65 | 43.16 | 2.91 | -3.65 |
| 3400 MHz | -8.38 | -4.67 | -3.13 | 48.66 | 3.09 | -3.13 |
| 3500 MHz | -7.98 | -4.14 | -2.63 | 54.52 | 3.76 | -2.63 |
| 3600 MHz | -7.85 | -3.41 | -2.07 | 62.02 | 4.80 | -2.07 |
| 3700 MHz | -8.93 | -4.01 | -2.80 | 52.53 | 3.62 | -2.80 |
| 3800 MHz | -9.26 | -3.93 | -2.82 | 52.29 | 4.15 | -2.82 |
| 3900 MHz | -8.96 | -3.97 | -2.77 | 52.83 | 3.85 | -2.77 |
| 4000 MHz | -5.88 | -0.27 | -2.79 | 52.60 | 8.28 | 0.79 |
| 4100 MHz | -7.49 | -2.05 | -2.96 | 50.58 | 6.42 | -0.96 |
| 4200 MHz | -7.02 | -2.33 | -1.06 | 78.29 | 5.88 | -1.06 |
| 4300 MHz | -5.55 | 0.56 | -2.51 | 56.10 | 9.63 | 1.51 |
| 4400 MHz | -10.98 | -4.95 | -3.99 | 39.94 | 3.86 | -3.99 |
| 4500 MHz | -12.33 | -6.59 | -5.56 | 27.78 | 3.15 | -5.56 |
| 4600 MHz | -10.98 | -5.16 | -4.15 | 38.43 | 3.63 | -4.15 |
| 4700 MHz | -14.09 | -8.11 | -4.13 | 38.64 | 2.14 | -7.13 |
| 4800 MHz | -11.17 | -4.56 | -3.70 | 42.67 | 4.78 | -3.70 |
| 4900 MHz | -11.65 | -5.00 | -4.15 | 38.49 | 4.00 | -4.15 |
| 5000 MHz | -13.45 | -7.15 | -4.23 | 37.76 | 2.03 | -6.23 |
| 5100 MHz | -13.14 | -7.51 | -4.46 | 35.81 | 1.15 | -6.46 |
| 5200 MHz | -9.75 | -5.56 | -4.16 | 38.40 | 4.76 | -4.16 |
| 5300 MHz | -9.61 | -5.18 | -3.84 | 41.28 | 4.02 | -3.84 |
| 5400 MHz | -8.57 | -4.40 | -3.00 | 50.16 | 5.66 | -3.00 |
| 5500 MHz | -7.68 | -4.40 | -2.73 | 53.39 | 5.82 | -2.73 |
| 5600 MHz | -7.09 | -4.73 | -2.74 | 53.15 | 4.85 | -2.74 |
| 5700 MHz | -6.97 | -5.49 | -3.16 | 48.31 | 4.93 | -3.16 |
| 5800 MHz | -7.02 | -6.28 | -3.62 | 43.41 | 3.56 | -3.62 |
| 5900 MHz | -6.57 | -6.64 | -3.59 | 43.72 | 3.96 | -3.59 |
| 6000 MHz | -6.02 | -6.32 | -3.15 | 48.37 | 2.82 | -3.15 |
| 6100 MHz | -5.96 | -6.94 | -3.41 | 45.60 | 2.22 | -3.41 |
| 6200 MHz | -6.30 | -7.41 | -3.81 | 41.62 | 0.74 | -3.81 |

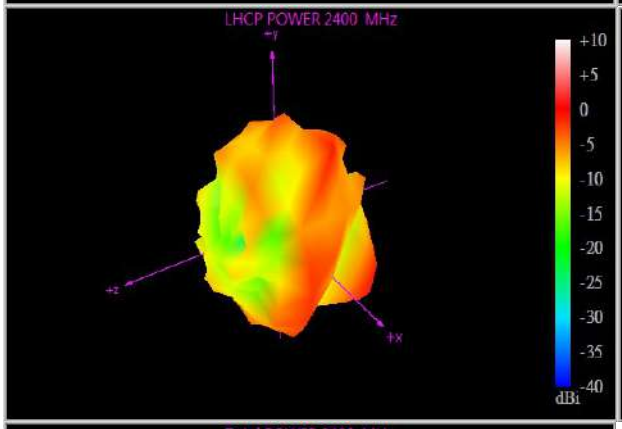
| | | | | | | |
|---|---|---|---|---|---|---|
| 6300 MHz | -5.26 | -6.10 | -2.65 | 54.35 | 2.69 | -2.65 |
| 6400 MHz | -5.20 | -7.05 | -3.02 | 49.94 | 1.29 | -3.02 |
| 6500 MHz | -4.84 | -7.04 | -2.79 | 52.56 | 2.84 | -2.79 |
| 6600 MHz | -4.65 | -7.56 | -2.85 | 51.84 | 3.36 | -2.85 |
| 6700 MHz | -4.12 | -7.27 | -2.40 | 57.48 | 2.02 | -2.40 |
| 6800 MHz | -3.24 | -6.27 | -1.49 | 71.00 | 3.51 | -1.49 |
| 6900 MHz | -4.46 | -7.22 | -2.61 | 54.77 | 1.66 | -2.61 |
| 7000 MHz | -6.62 | -8.85 | -4.58 | 34.79 | 2.86 | -4.58 |
| 7100 MHz | -6.55 | -9.30 | -4.70 | 33.89 | 1.10 | -4.70 |
| 7125 MHz | -6.30 | -9.98 | -4.75 | 33.52 | 2.29 | -4.75 |
| 7200 MHz | -5.89 | -9.76 | -4.40 | 36.31 | 1.58 | -4.40 |
| 7300 MHz | -5.83 | -9.08 | -4.05 | 39.36 | 10.37 | 4.05 |

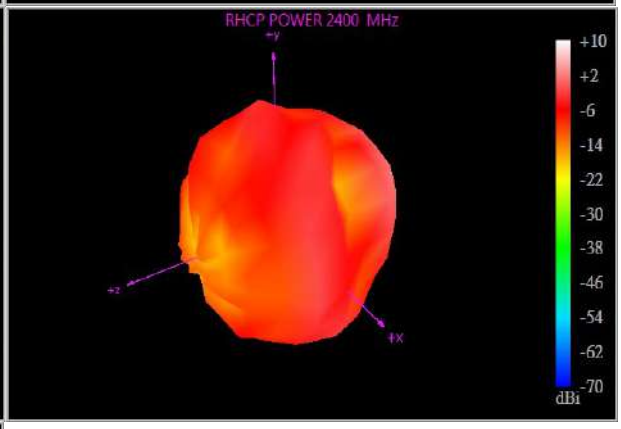
**2400Mhz:**

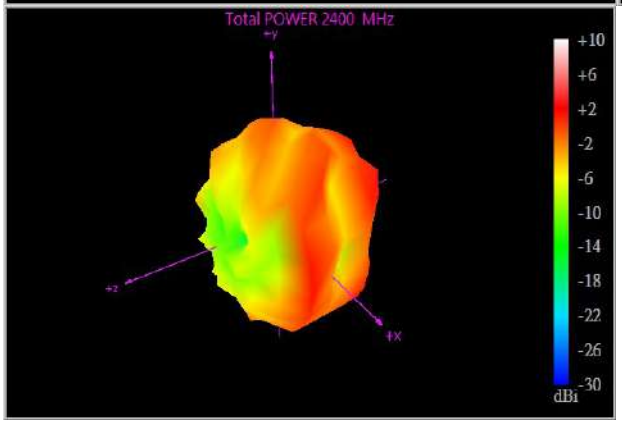



Horizontal POWER 2400 MHz
+10
+5
0
-5
-10
-15
-20
-25
-30
-35
-40
dBi

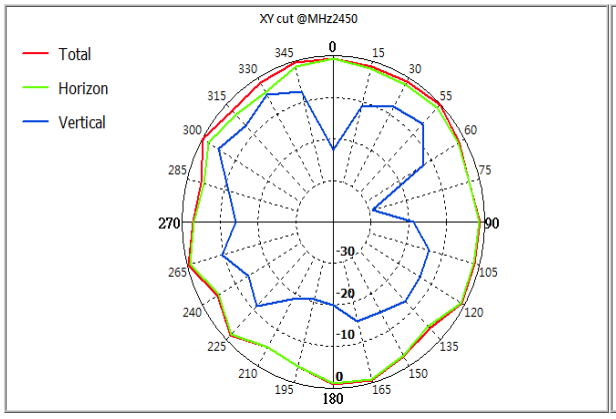

Vertical POWER 2400 MHz
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
dBi

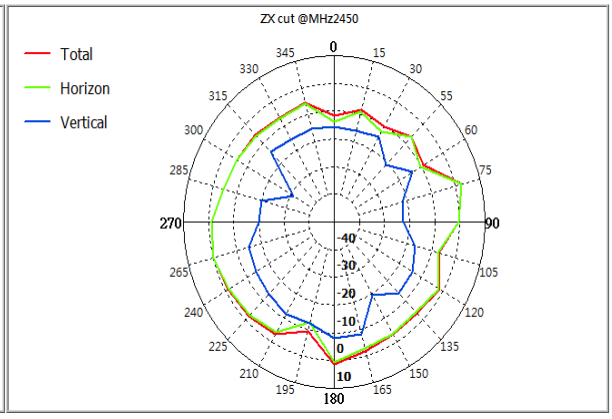

LHCP POWER 2400 MHz
+10
+5
0
-5
-10
-15
-20
-25
-30
-35
-40
dBi

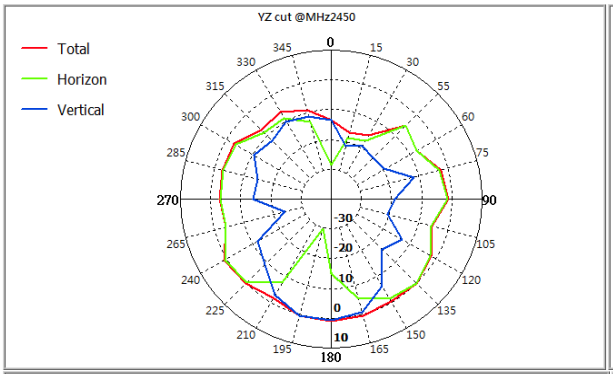

RHCP POWER 2400 MHz
+10
+2
-6
-14
-22
-30
-38
-46
-54
-62
-70
dBi

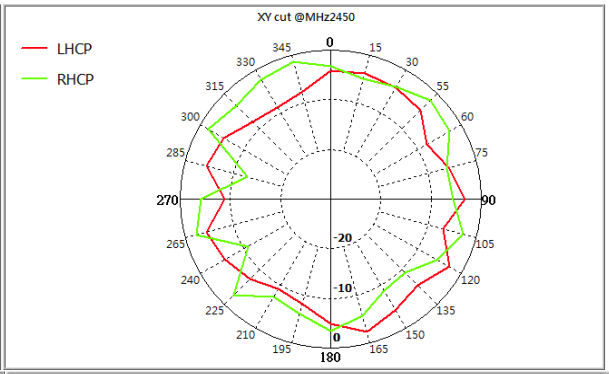

Total POWER 2400 MHz
+10
+6
+2
-2
-6
-10
-14
-18
-22
-26
-30
dBi

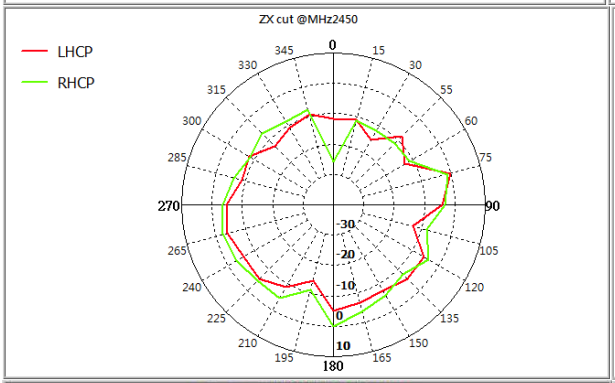
## 2450Mhz:

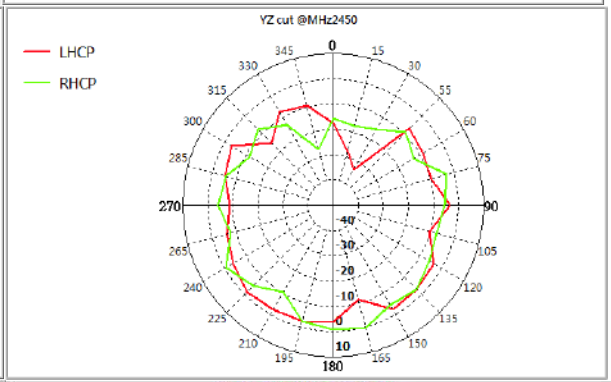

XY cut @MHz2450
Total
Horizon
Vertical

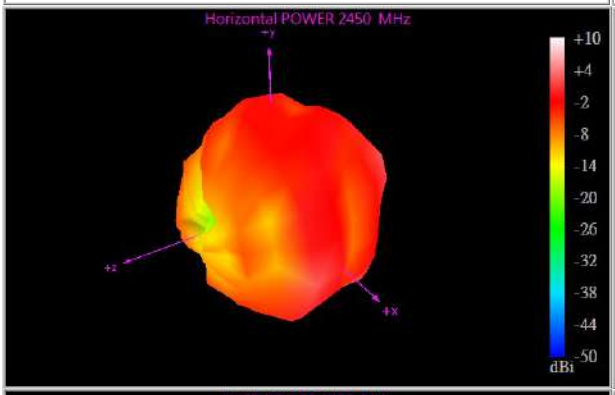

ZX cut @MHz2450
Total
Horizon
Vertical

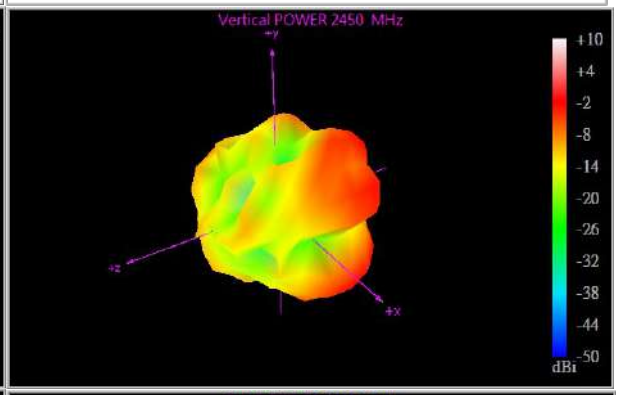

YZ cut @MHz2450
Total
Horizon
Vertical

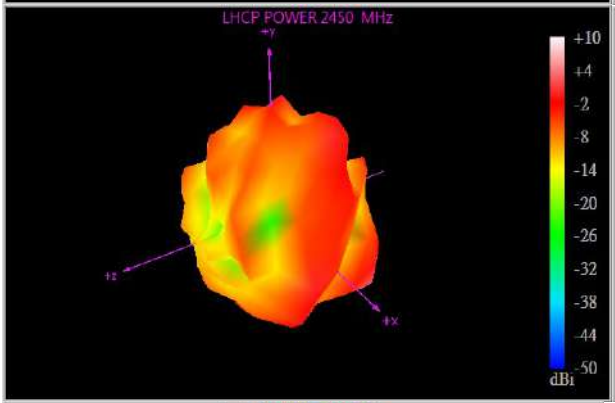

XY cut @MHz2450
LHCP
RHCP

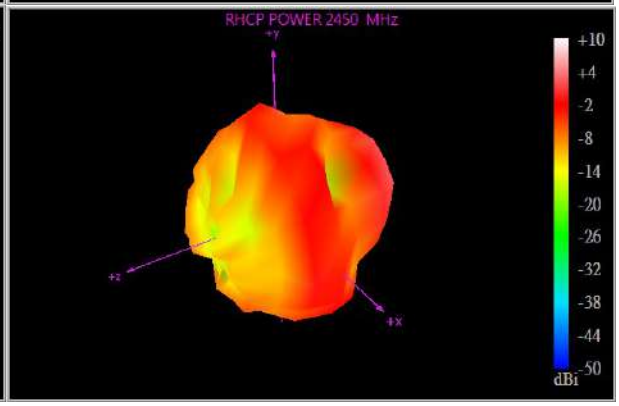

ZX cut @MHz2450
LHCP
RHCP

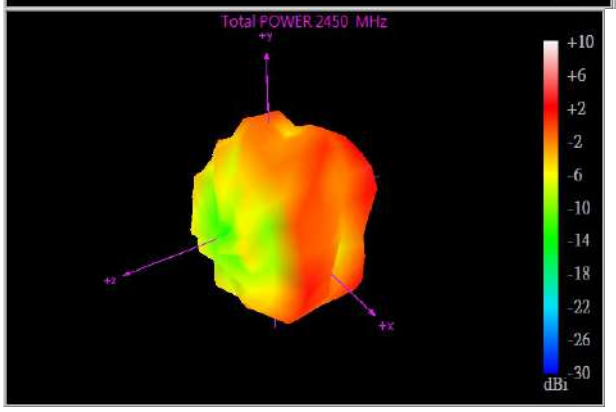

YZ cut @MHz2450
LHCP
RHCP


Horizontal POWER 2450 MHz
dBi

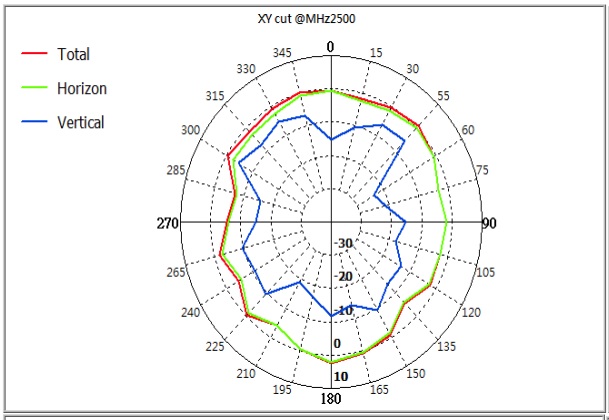

Vertical POWER 2450 MHz
dBi

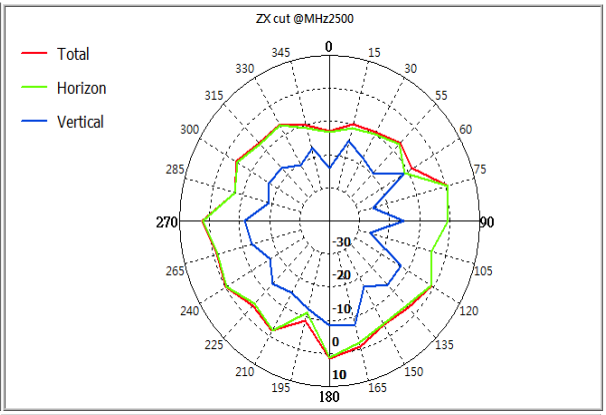

LHCP POWER 2450 MHz
dBi

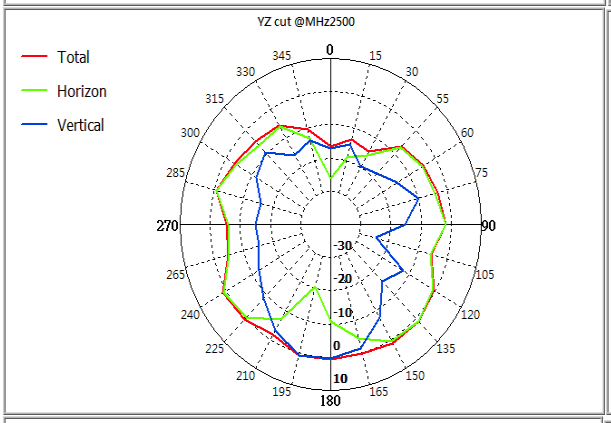

RHCP POWER 2450 MHz
dBi

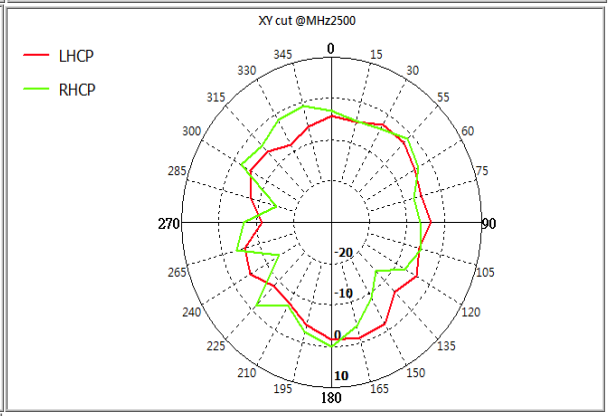

Total POWER 2450 MHz
dBi

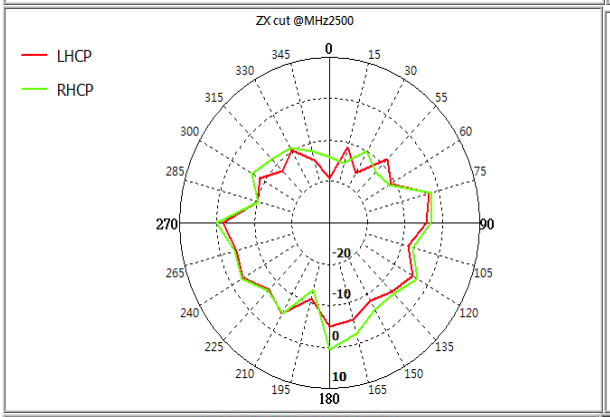
## 2500Mhz:

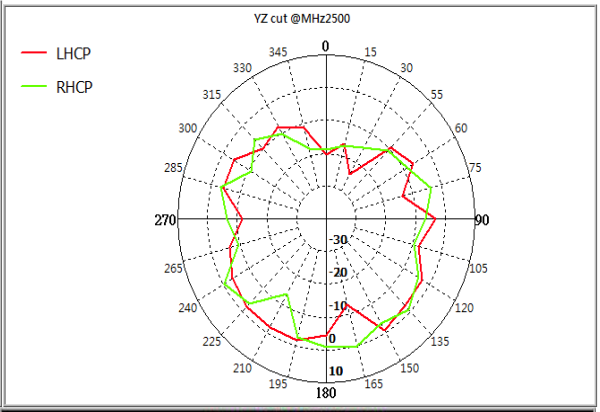

XY cut @MHz2500
Total
Horizon
Vertical

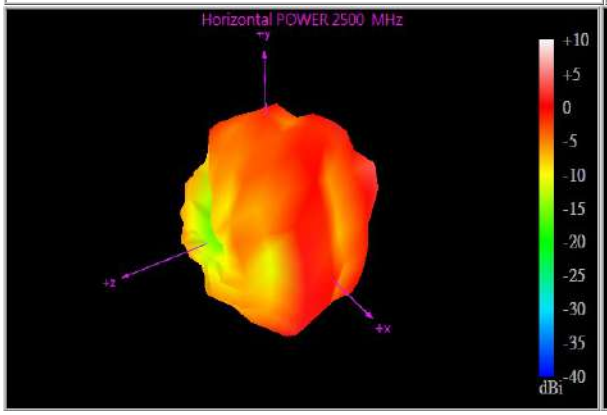

ZX cut @MHz2500
Total
Horizon
Vertical

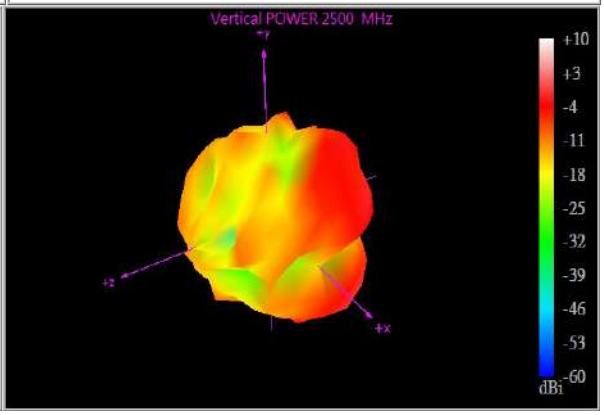

YZ cut @MHz2500
Total
Horizon
Vertical

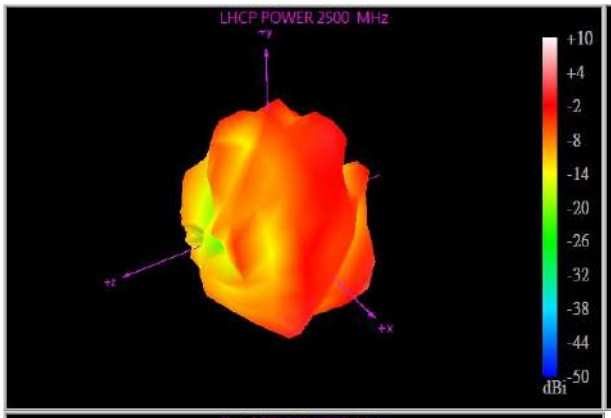

XY cut @MHz2500
LHCP
RHCP

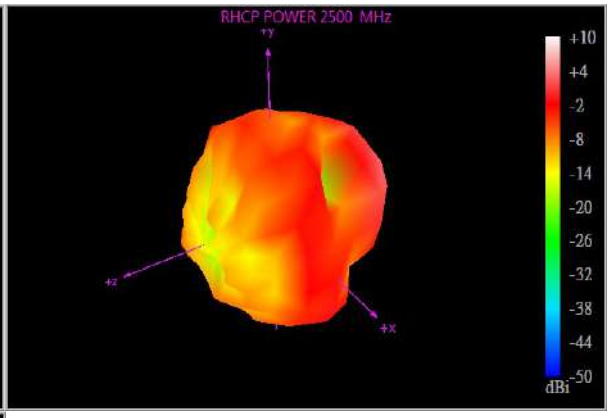

ZX cut @MHz2500
LHCP
RHCP

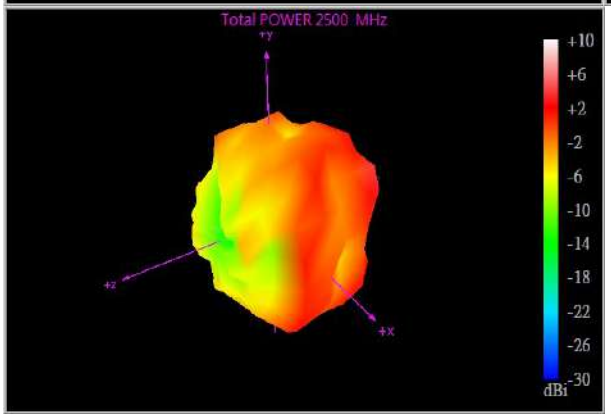

YZ cut @MHz2500
LHCP
RHCP


Horizontal POWER 2500 MHz
+10
+5
0
-5
-10
-15
-20
-25
-30
-35
-40
dBi

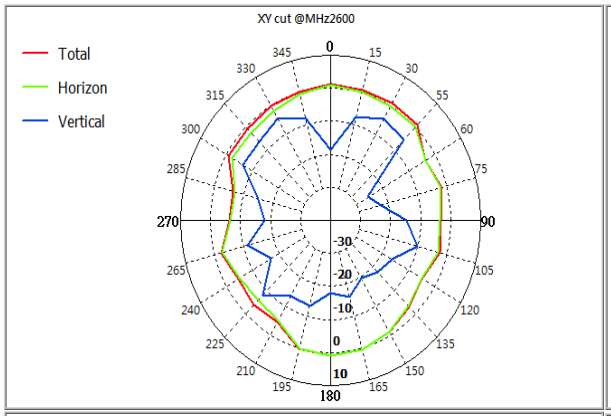

Vertical POWER 2500 MHz
+10
+3
-4
-11
-18
-25
-32
-39
-46
-53
-60
dBi

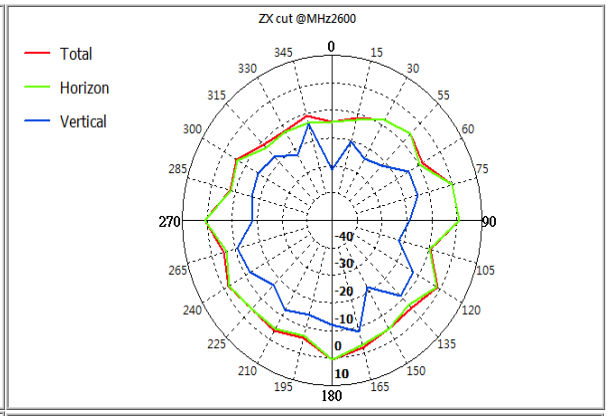

LHCP POWER 2500 MHz
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

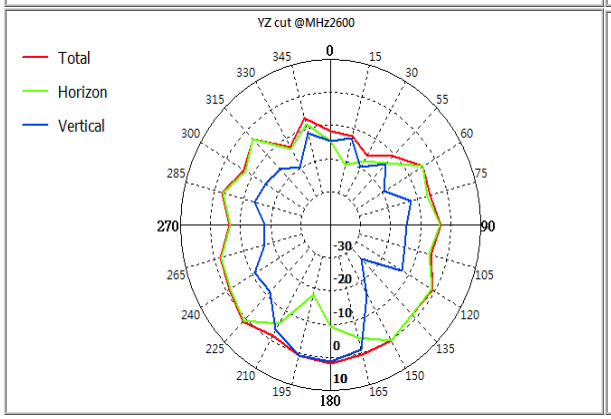

RHCP POWER 2500 MHz
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

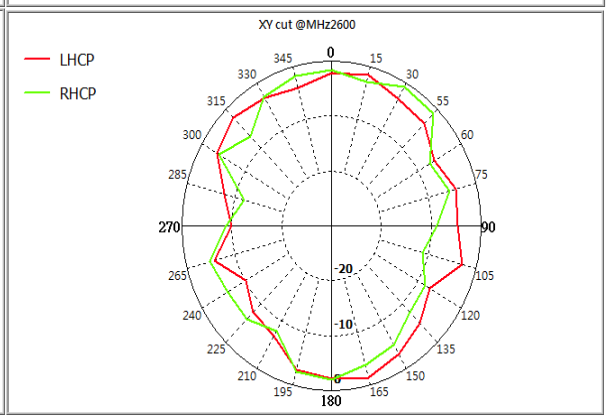

Total POWER 2500 MHz
+10
+6
+2
-2
-6
-10
-14
-18
-22
-26
-30
dBi

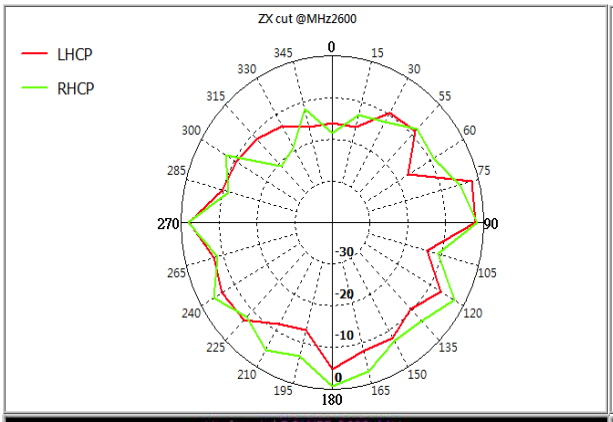
## 2600Mhz:

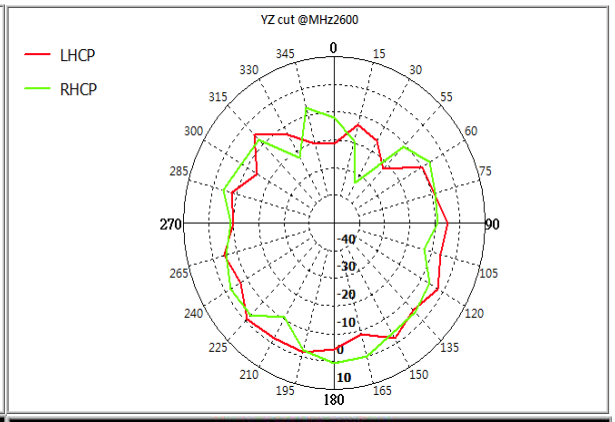

XY cut @MHz2600
Total
Horizon
Vertical

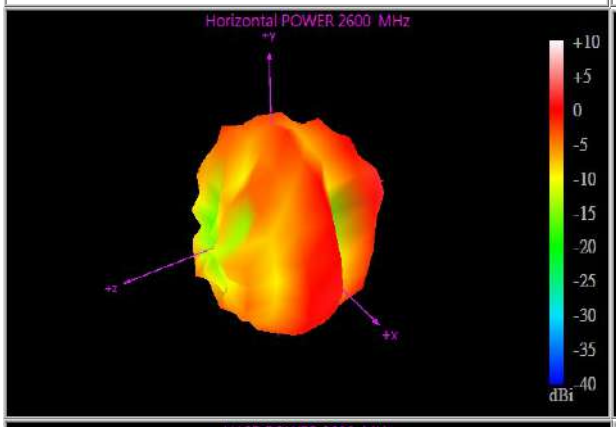

ZX cut @MHz2600
Total
Horizon
Vertical

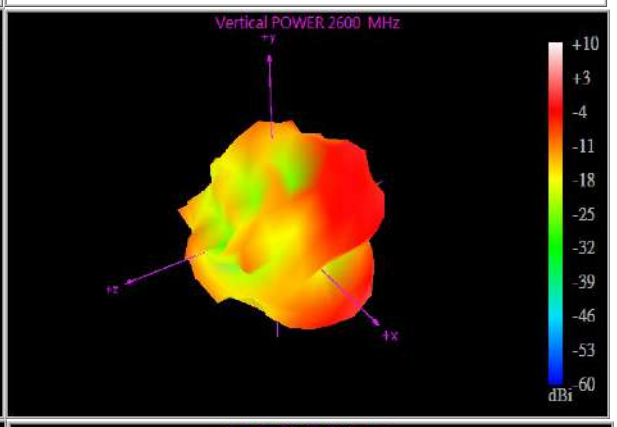

YZ cut @MHz2600
Total
Horizon
Vertical

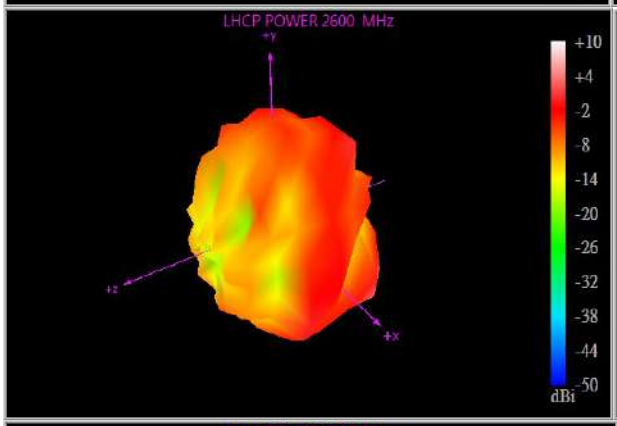

XY cut @MHz2600
LHCP
RHCP

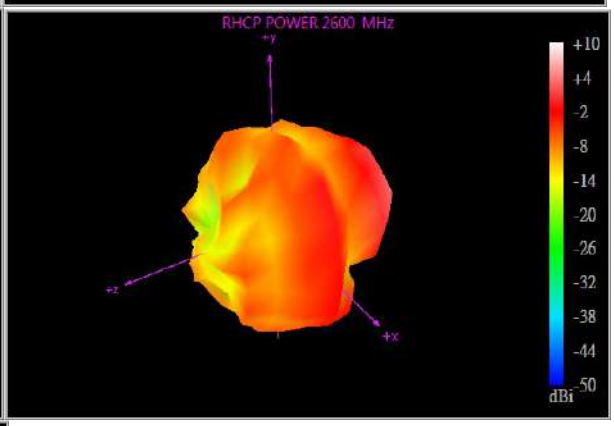

ZX cut @MHz2600
LHCP
RHCP

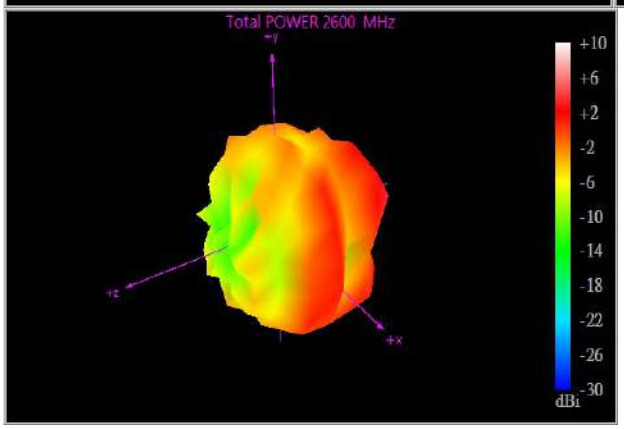

YZ cut @MHz2600
LHCP
RHCP


Horizontal POWER 2600 MHz
dBi

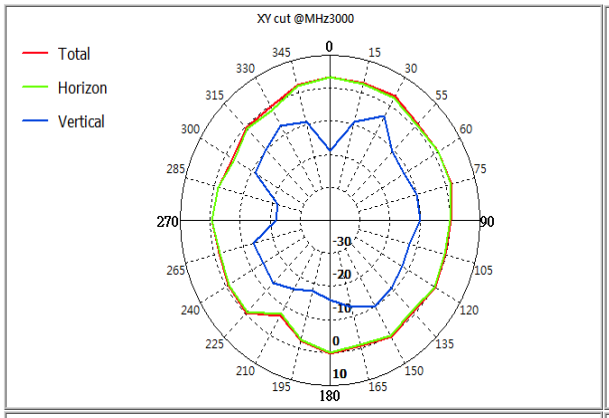

Vertical POWER 2600 MHz
dBi

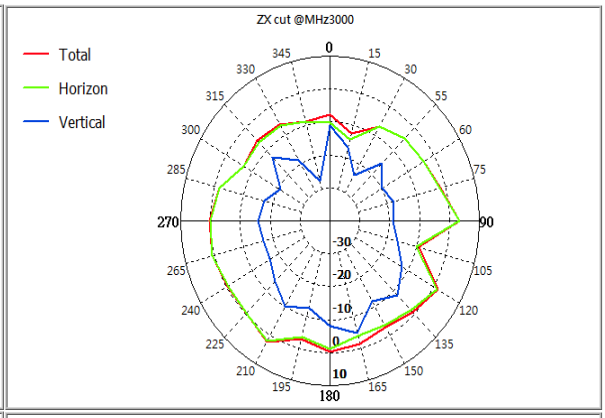

LHCP POWER 2600 MHz
dBi

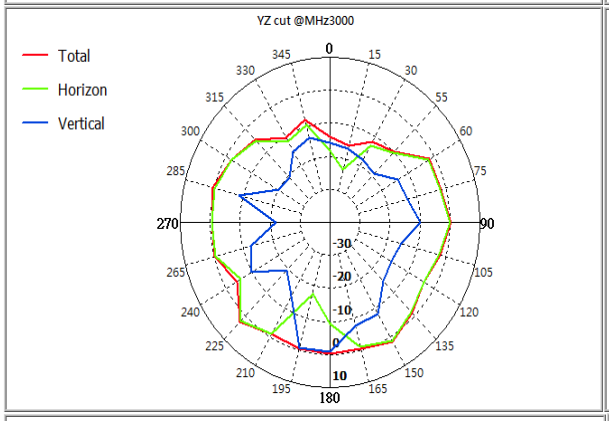

RHCP POWER 2600 MHz
dBi

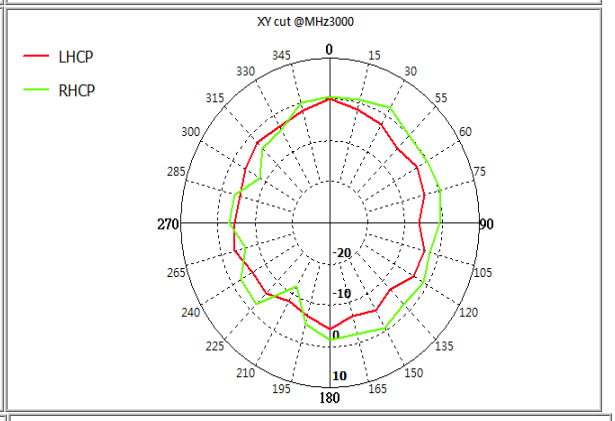

Total POWER 2600 MHz
dBi

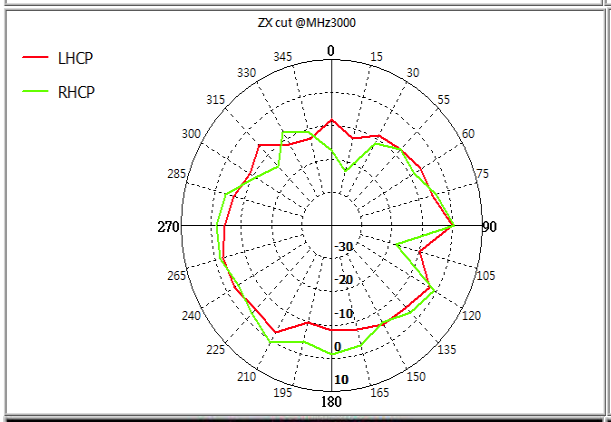
## 3000Mhz:

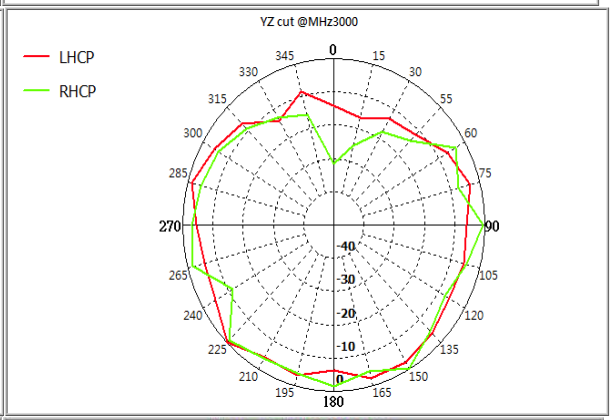

XY cut @MHz3000
Total
Horizon
Vertical

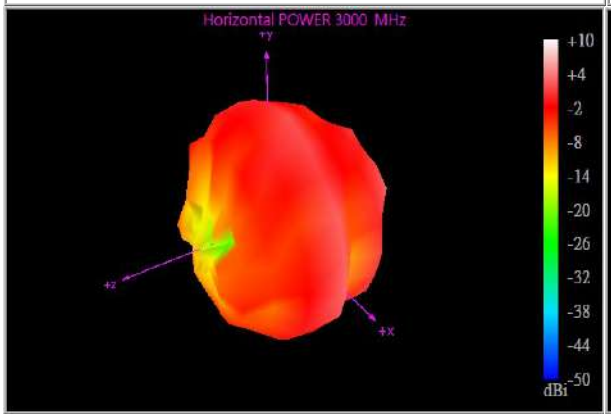

ZX cut @MHz3000
Total
Horizon
Vertical

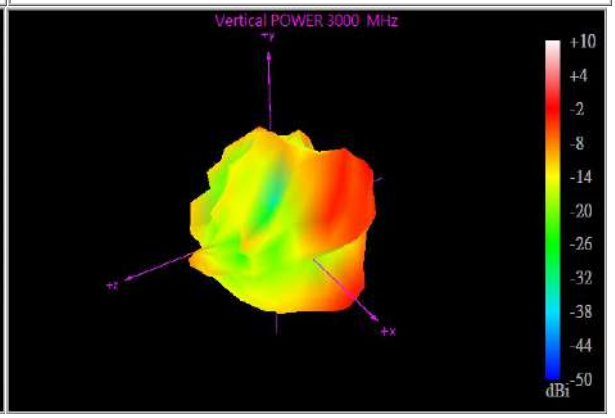

YZ cut @MHz3000
Total
Horizon
Vertical

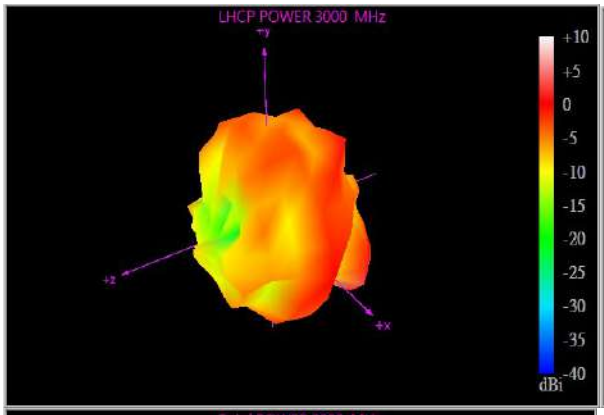

XY cut @MHz3000
LHCP
RHCP

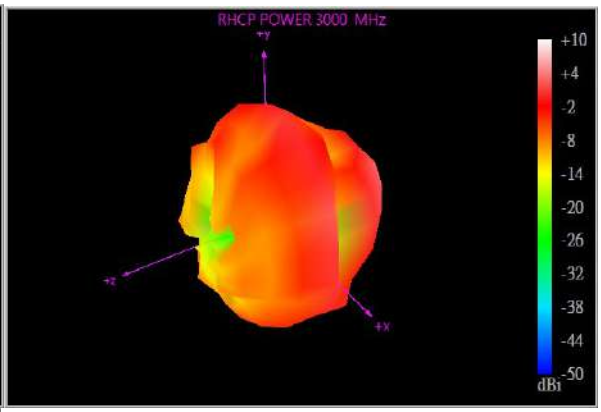

ZX cut @MHz3000
LHCP
RHCP

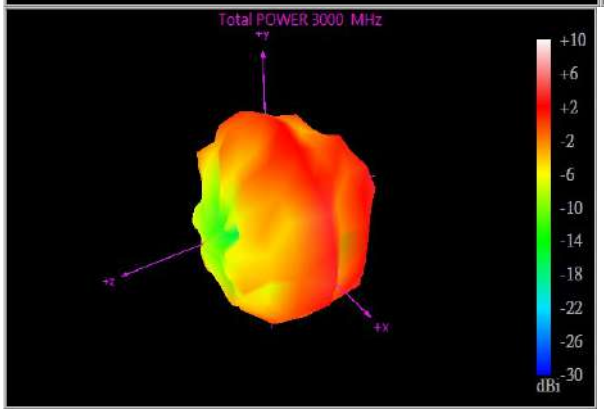

YZ cut @MHz3000
LHCP
RHCP


Horizontal POWER 3000 MHz
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

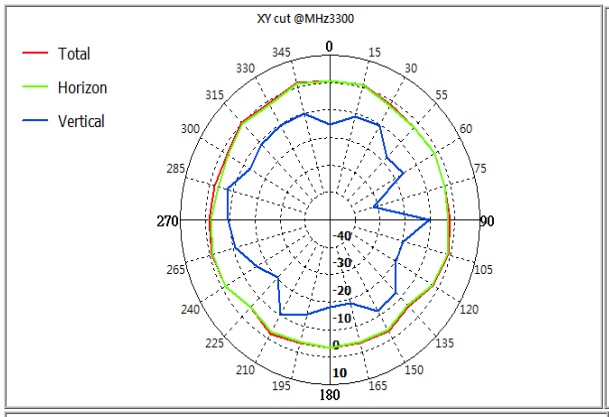

Vertical POWER 3000 MHz
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

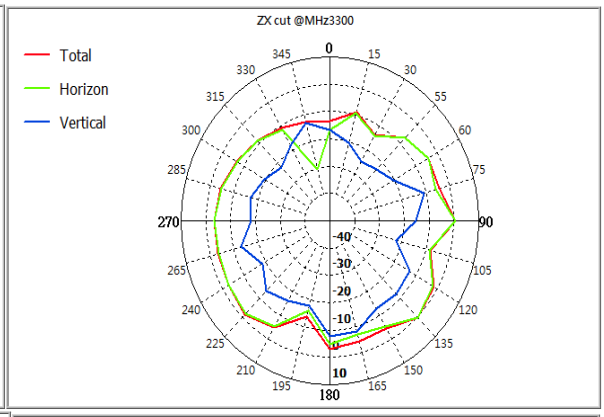

LHCP POWER 3000 MHz
+y
+z
+x
+10
+5
0
-5
-10
-15
-20
-25
-30
-35
-40
dBi

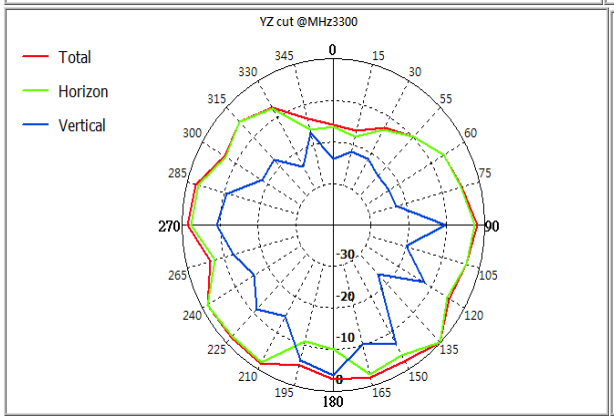

RHCP POWER 3000 MHz
+y
+z
+x
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

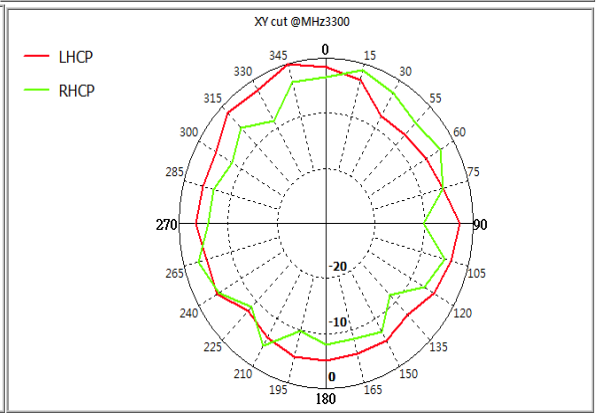

Total POWER 3000 MHz
+y
+z
+x
+10
+6
+2
-2
-6
-10
-14
-18
-22
-26
-30
dBi

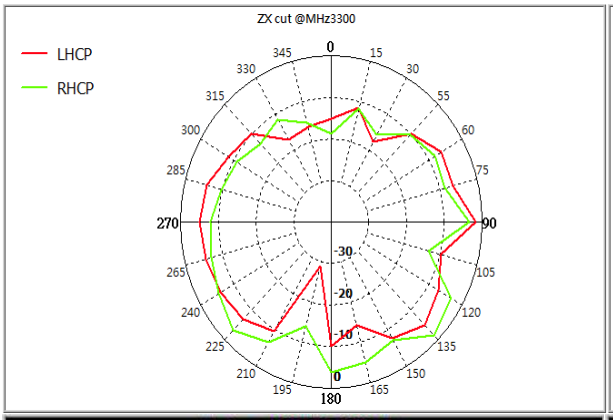
## 3300Mhz:

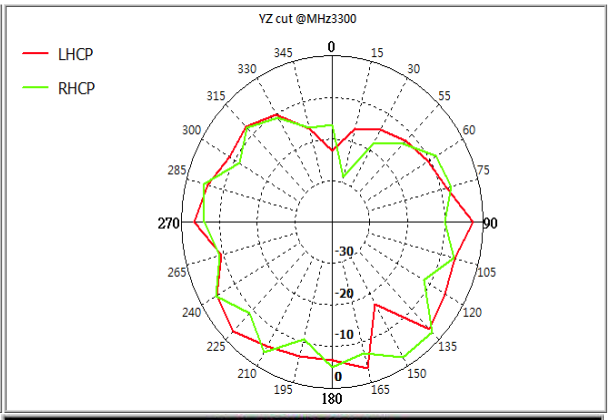

XY cut @MHz3300
Total
Horizon
Vertical

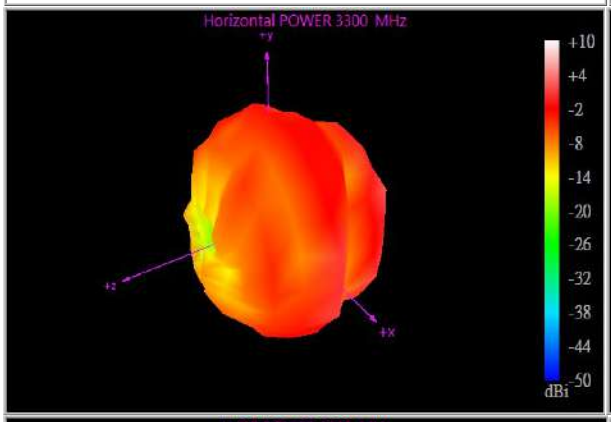

ZX cut @MHz3300
Total
Horizon
Vertical

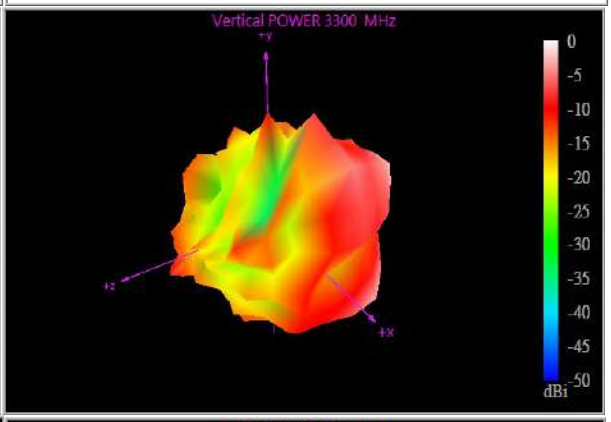

YZ cut @MHz3300
Total
Horizon
Vertical

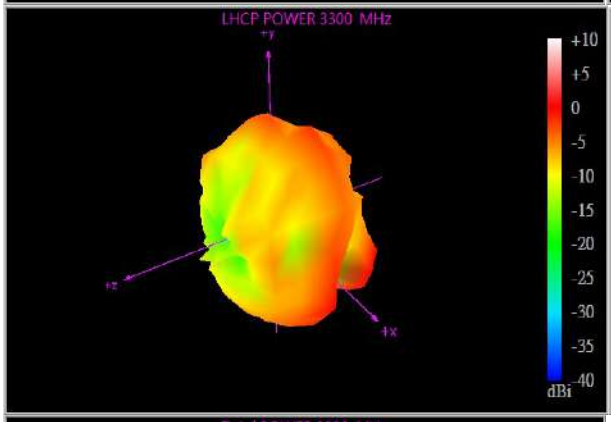

XY cut @MHz3300
LHCP
RHCP

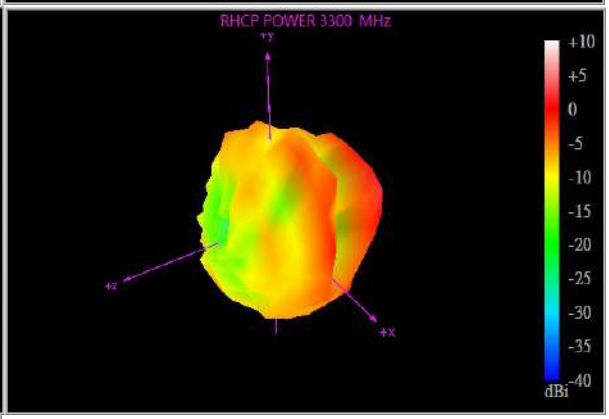

ZX cut @MHz3300
LHCP
RHCP

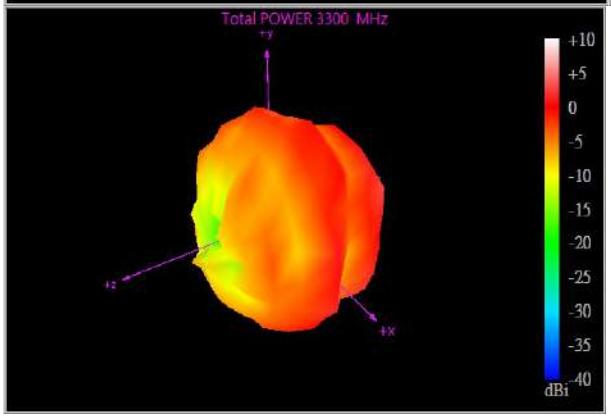

YZ cut @MHz3300
LHCP
RHCP


Horizontal POWER 3300 MHz
dBi

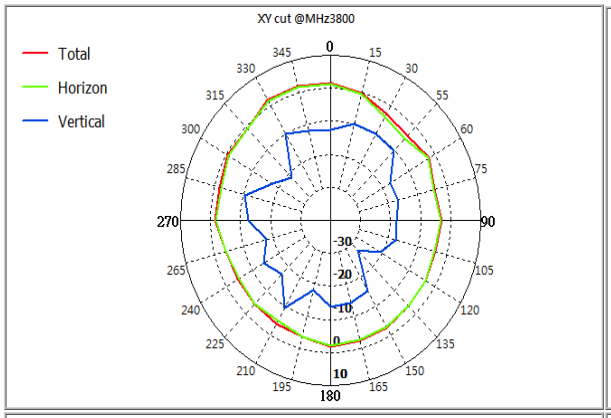

Vertical POWER 3300 MHz
dBi

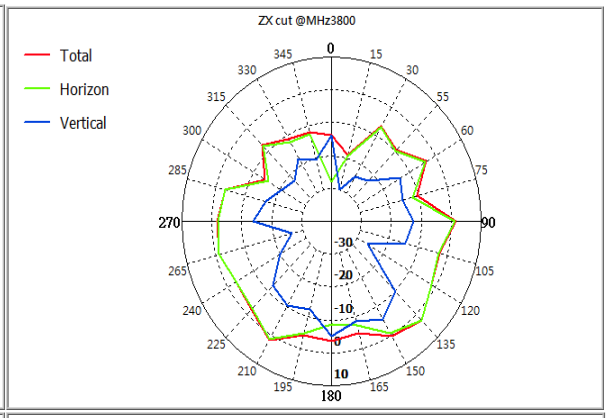

LHCP POWER 3300 MHz
dBi

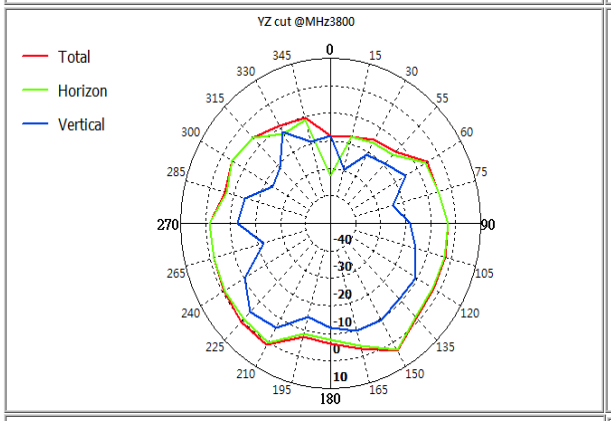

RHCP POWER 3300 MHz
dBi

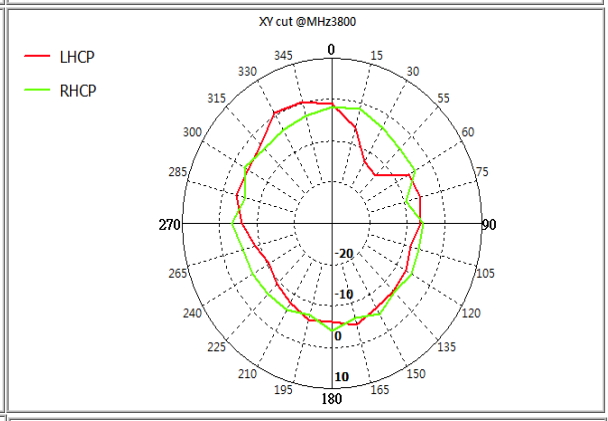

Total POWER 3300 MHz
dBi

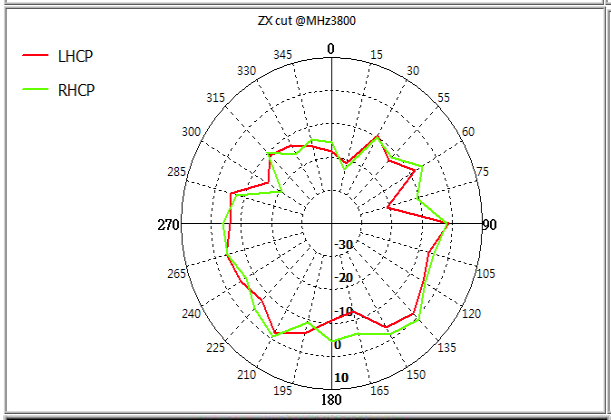
## 3800Mhz:

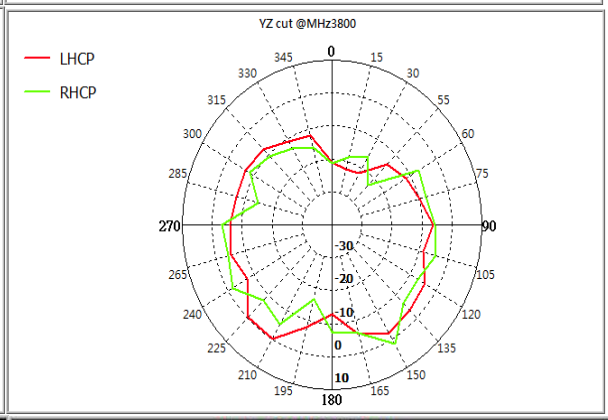

XY cut @MHz3800
Total
Horizon
Vertical

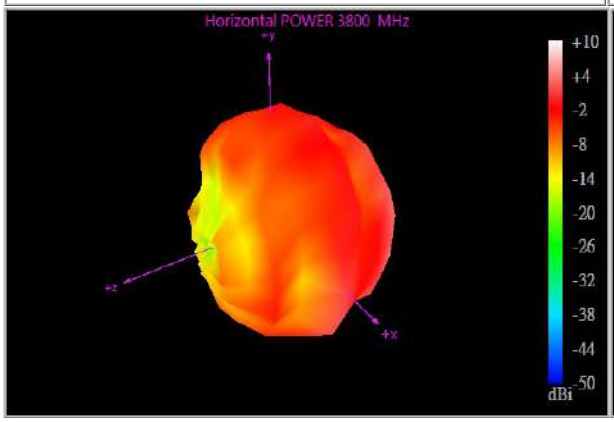

ZX cut @MHz3800
Total
Horizon
Vertical

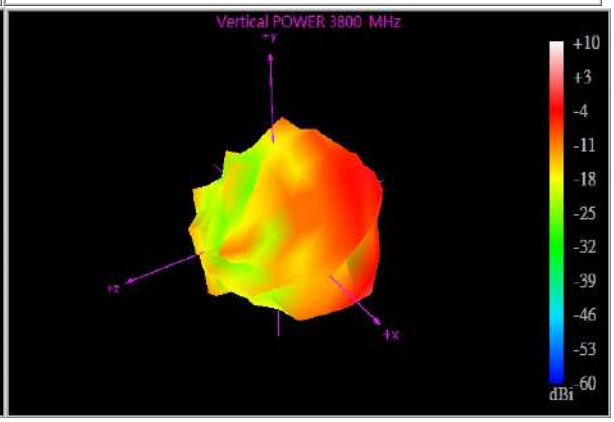

YZ cut @MHz3800
Total
Horizon
Vertical

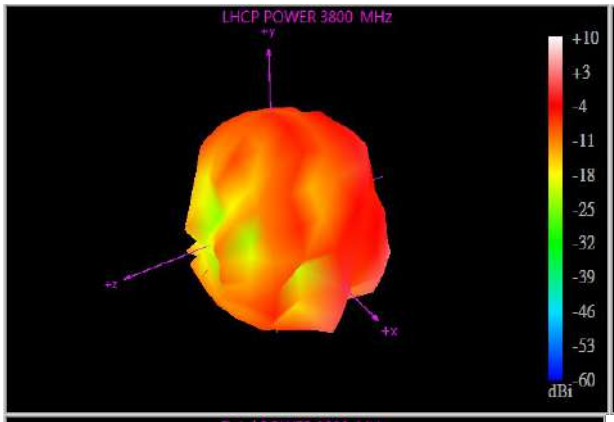

XY cut @MHz3800
LHCP
RHCP

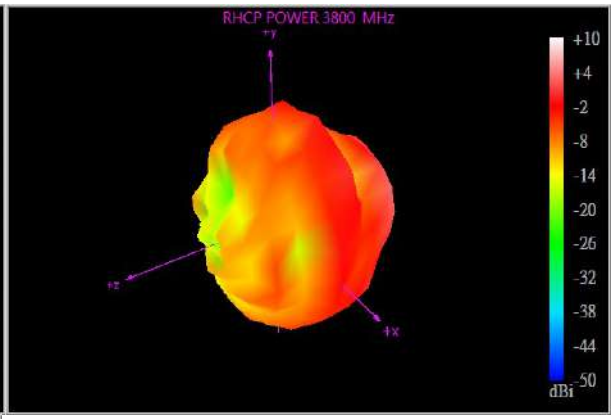

ZX cut @MHz3800
LHCP
RHCP

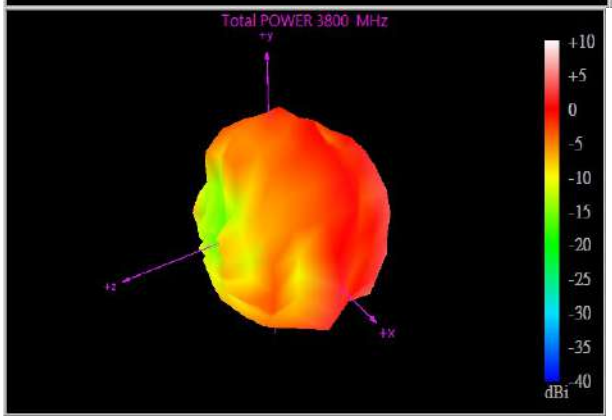

YZ cut @MHz3800
LHCP
RHCP


Horizontal POWER 3800 MHz
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

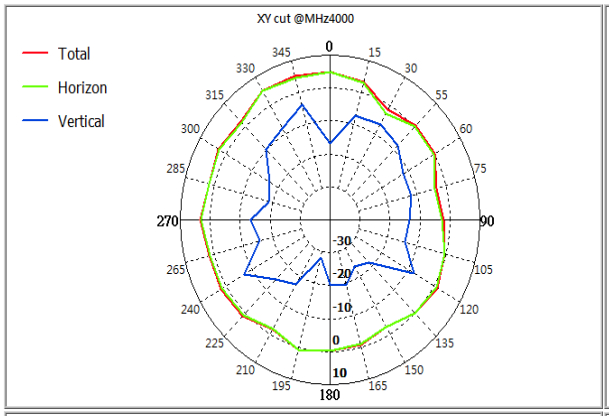

Vertical POWER 3800 MHz
+10
+3
-4
-11
-18
-25
-32
-39
-46
-53
-60
dBi

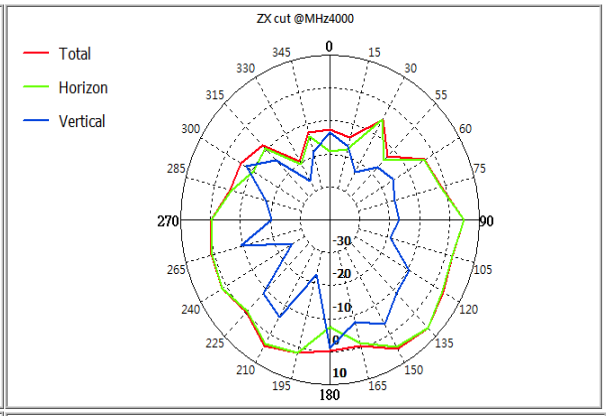

LHCP POWER 3800 MHz
+10
+3
-4
-11
-18
-25
-32
-39
-46
-53
-60
dBi

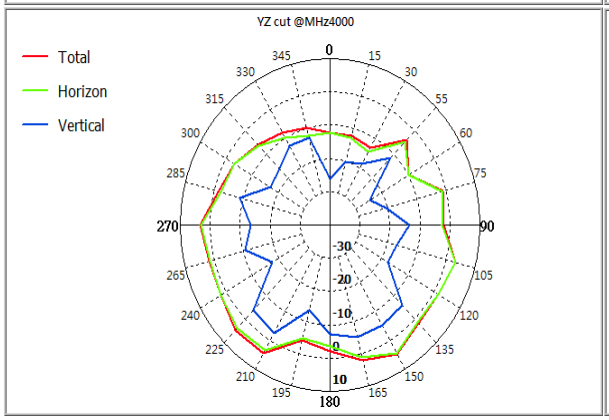

RHCP POWER 3800 MHz
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

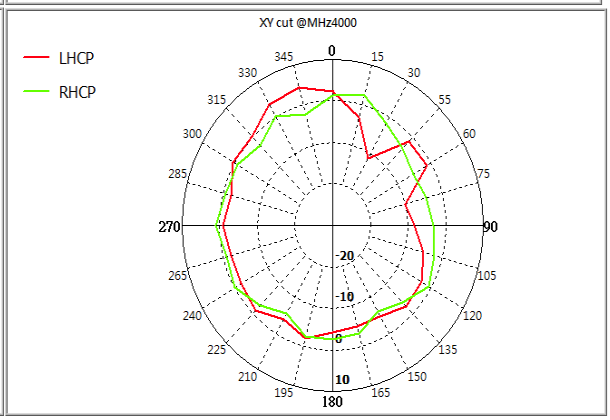

Total POWER 3800 MHz
+10
+5
0
-5
-10
-15
-20
-25
-30
-35
-40
dBi

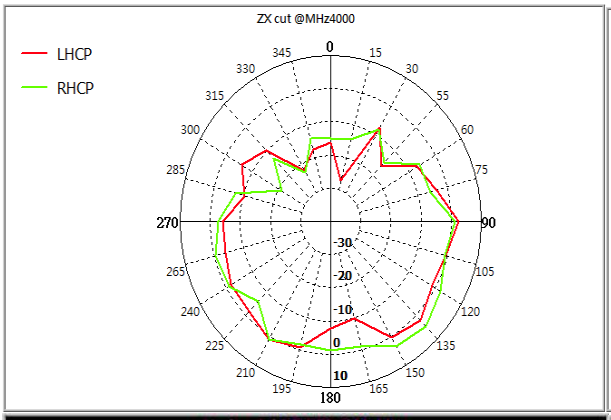
## 4000Mhz:

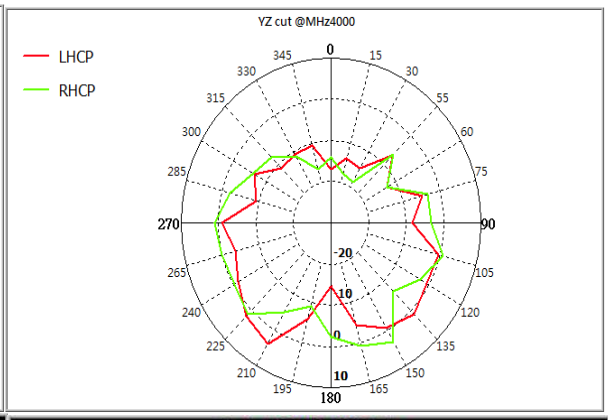

XY cut @MHz4000
Total
Horizon
Vertical

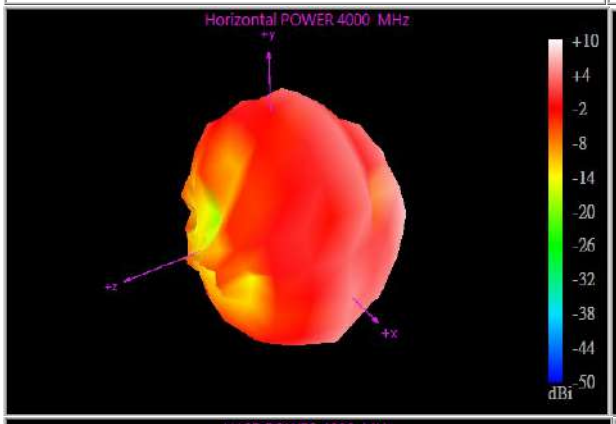

ZX cut @MHz4000
Total
Horizon
Vertical

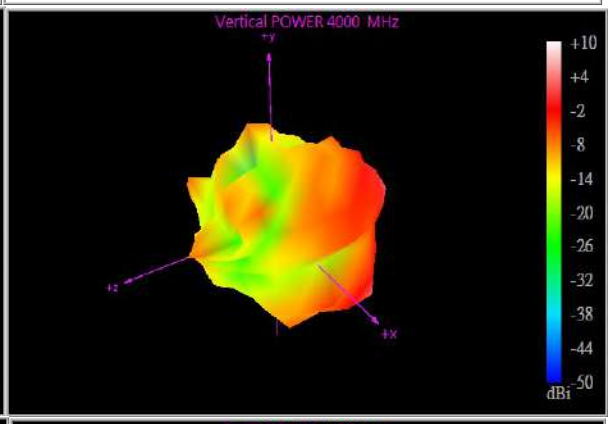

YZ cut @MHz4000
Total
Horizon
Vertical

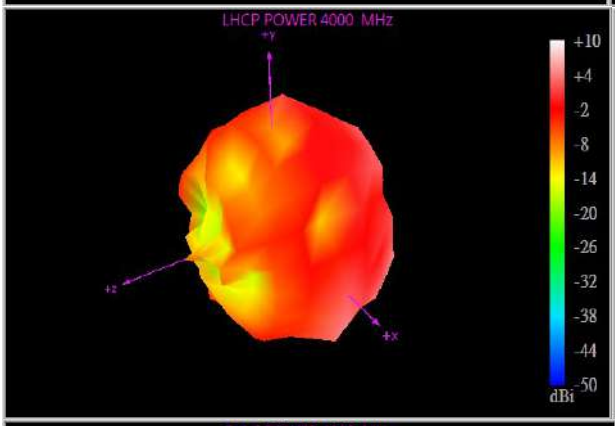

XY cut @MHz4000
LHCP
RHCP

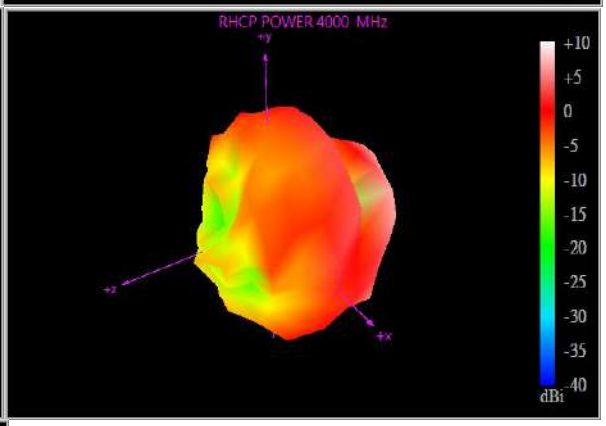

ZX cut @MHz4000
LHCP
RHCP

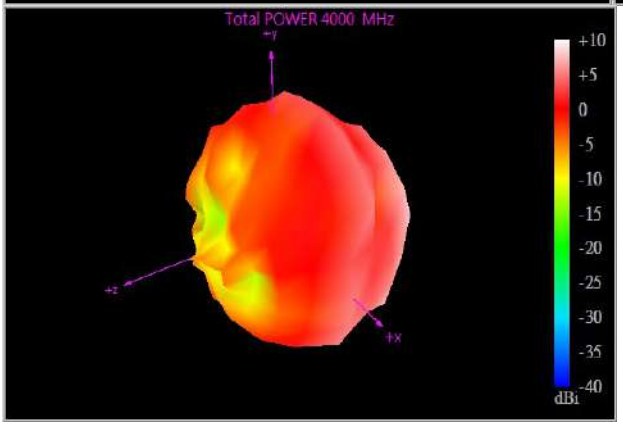

YZ cut @MHz4000
LHCP
RHCP


Horizontal POWER 4000 MHz
dBi

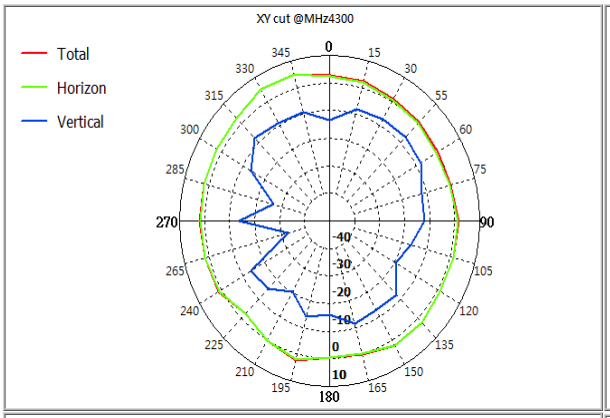

Vertical POWER 4000 MHz
dBi

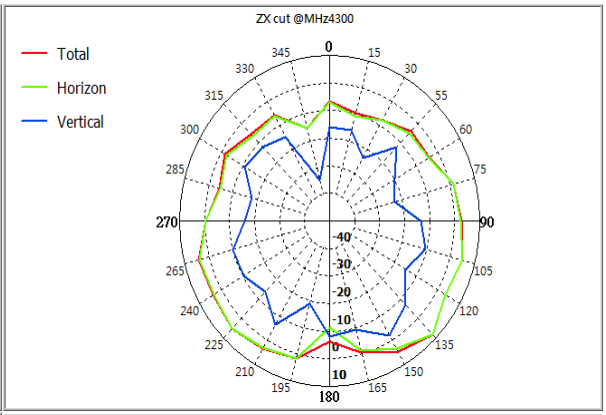

LHCP POWER 4000 MHz
dBi

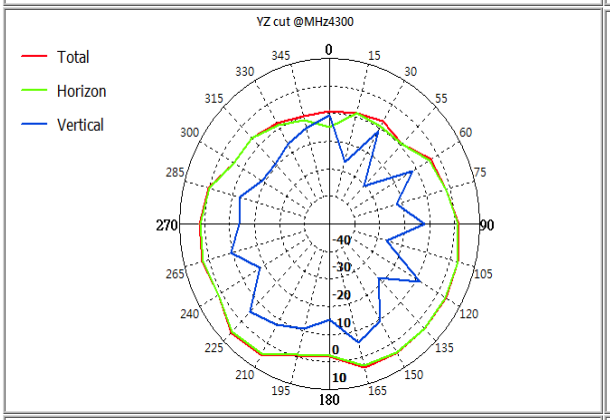

RHCP POWER 4000 MHz
dBi

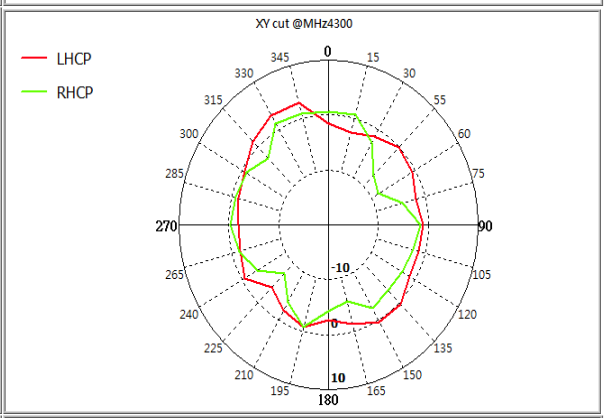

Total POWER 4000 MHz
dBi

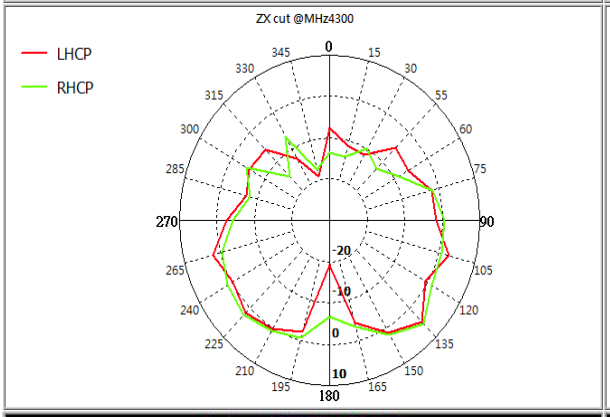
**4300Mhz:**

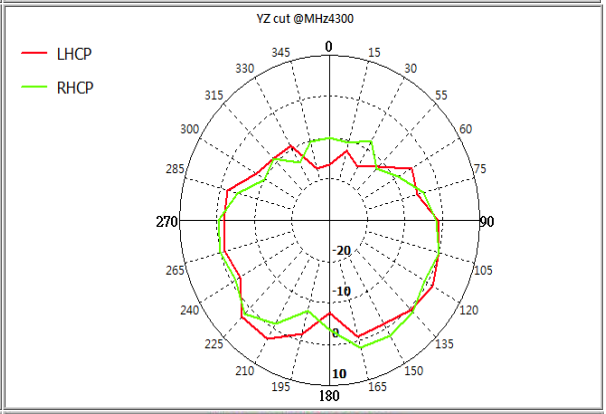

XY cut @MHz4300
Total
Horizon
Vertical

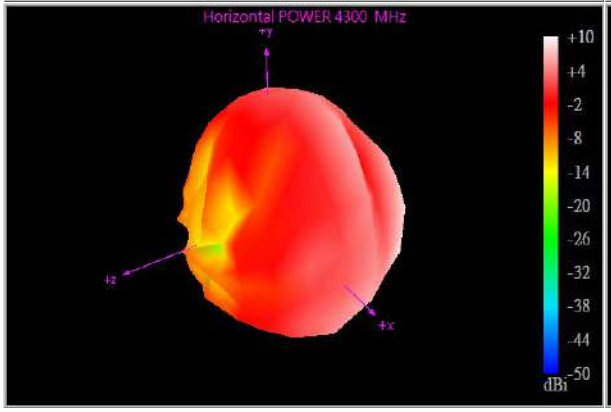

ZX cut @MHz4300
Total
Horizon
Vertical

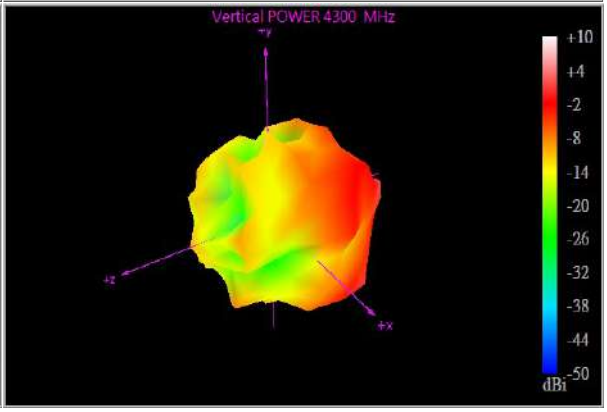

YZ cut @MHz4300
Total
Horizon
Vertical

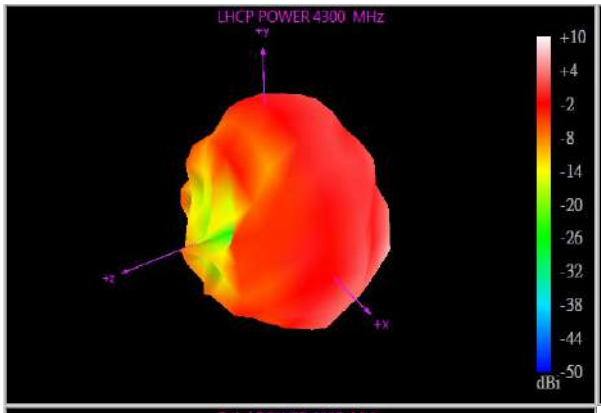

XY cut @MHz4300
LHCP
RHCP

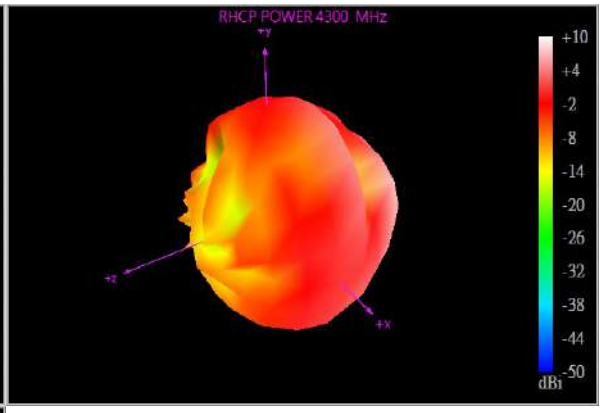

ZX cut @MHz4300
LHCP
RHCP

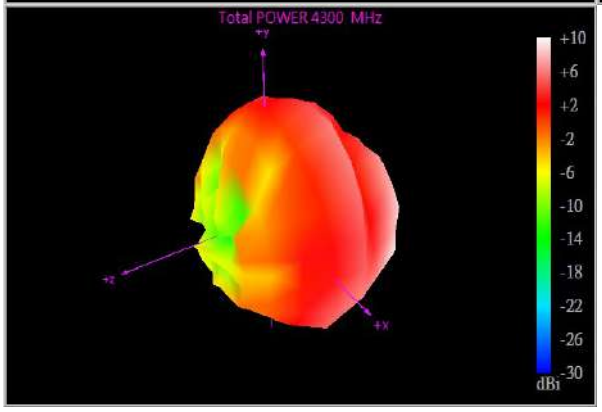

YZ cut @MHz4300
LHCP
RHCP


Horizontal POWER 4300 MHz
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

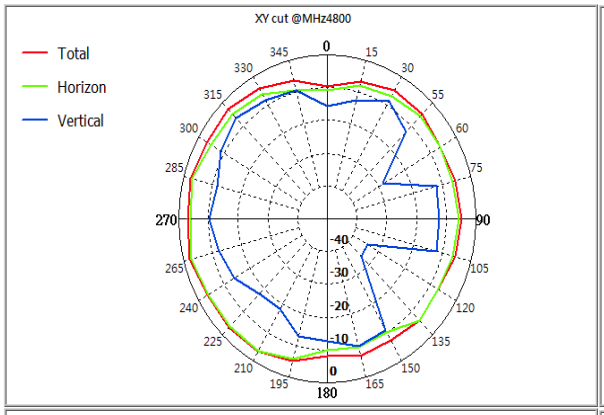

Vertical POWER 4300 MHz
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

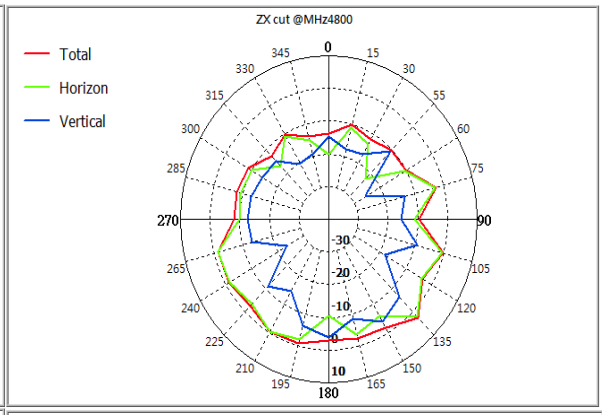

LHCP POWER 4300 MHz
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

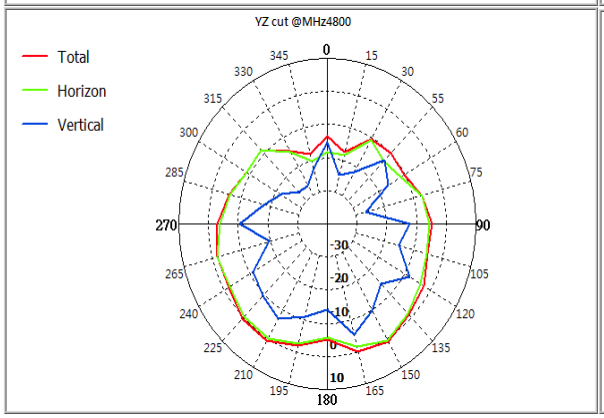

RHCP POWER 4300 MHz
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

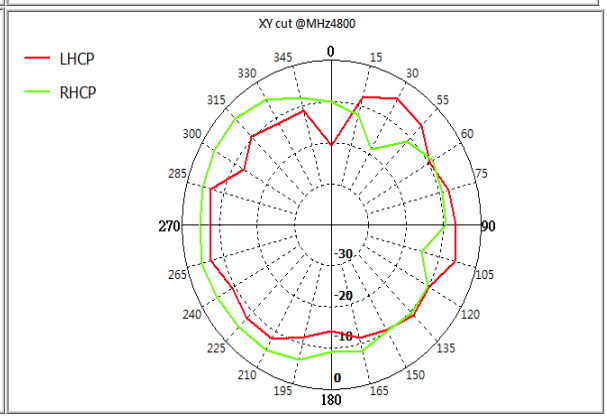

Total POWER 4300 MHz
+10
+6
+2
-2
-6
-10
-14
-18
-22
-26
-30
dBi

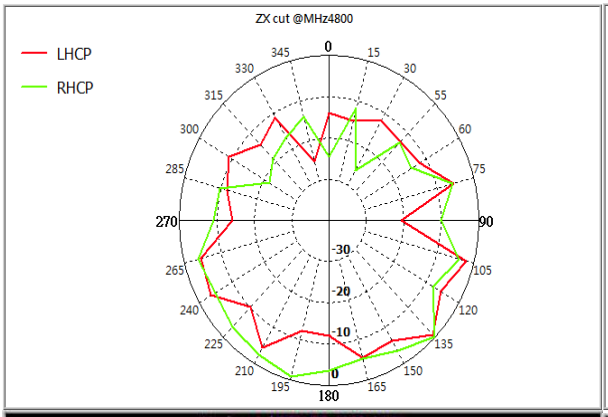
## 4800Mhz:

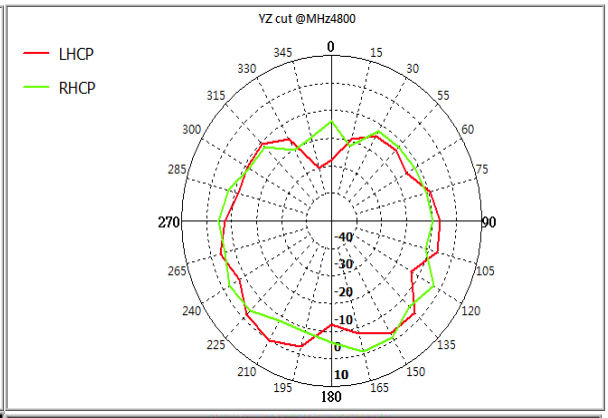

XY cut @MHz4800
Total
Horizon
Vertical

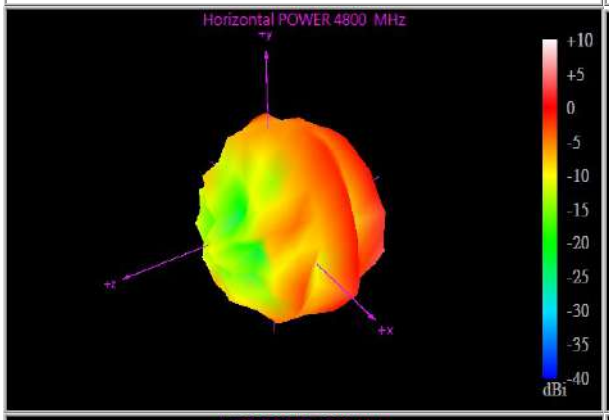

ZX cut @MHz4800
Total
Horizon
Vertical

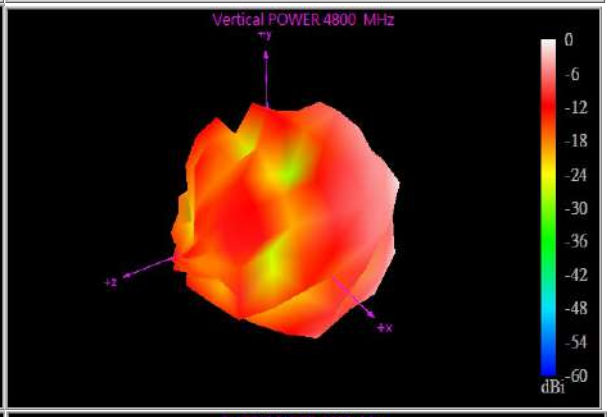

YZ cut @MHz4800
Total
Horizon
Vertical

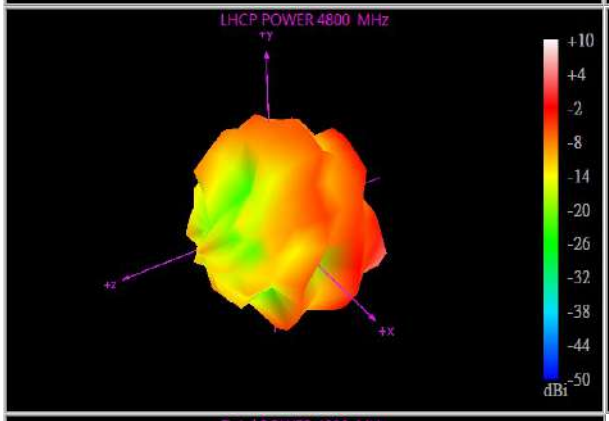

XY cut @MHz4800
LHCP
RHCP

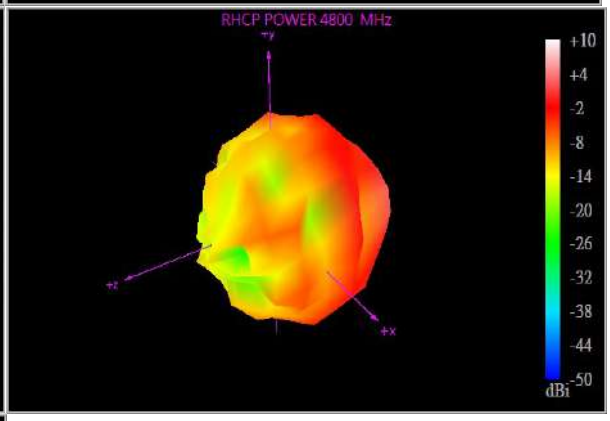

ZX cut @MHz4800
LHCP
RHCP
0
15
30
55
60
75
90
105
120
135
150
165
180
195
210
225
240
265
270
285
300
315
330
345
-30
-20
-10
0

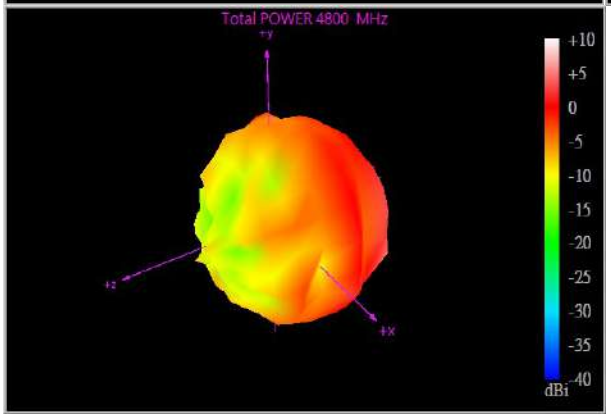

YZ cut @MHz4800
LHCP
RHCP
0
15
30
55
60
75
90
105
120
135
150
165
180
195
210
225
240
265
270
285
300
315
330
345
-40
-30
-20
-10
0
10


Horizontal POWER 4800 MHz
+10
+5
0
-5
-10
-15
-20
-25
-30
-35
-40
dBi

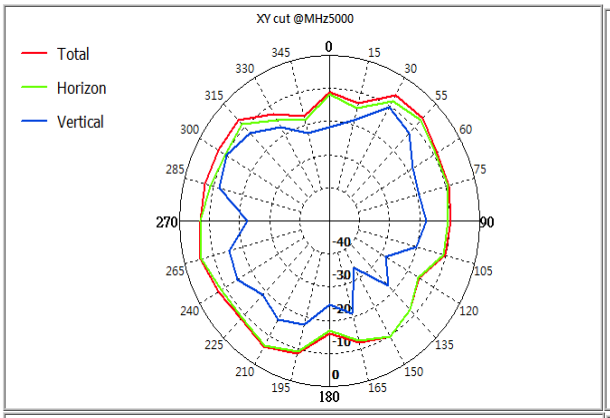

Vertical POWER 4800 MHz
0
-6
-12
-18
-24
-30
-36
-42
-48
-54
-60
dBi

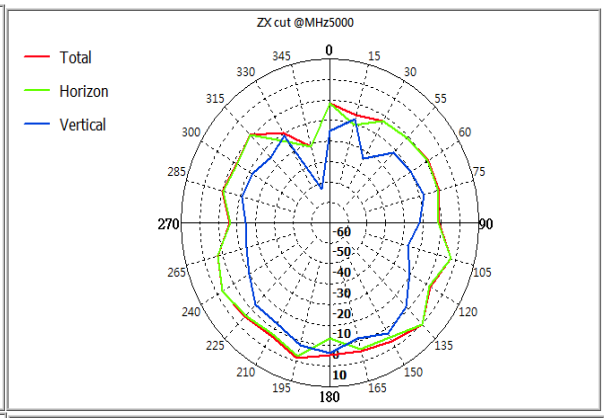

LHCP POWER 4800 MHz
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

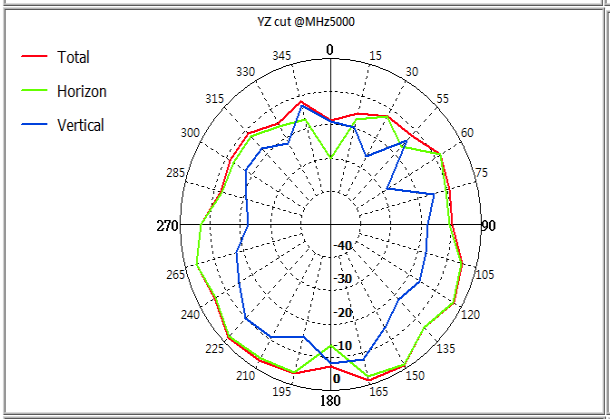

RHCP POWER 4800 MHz
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

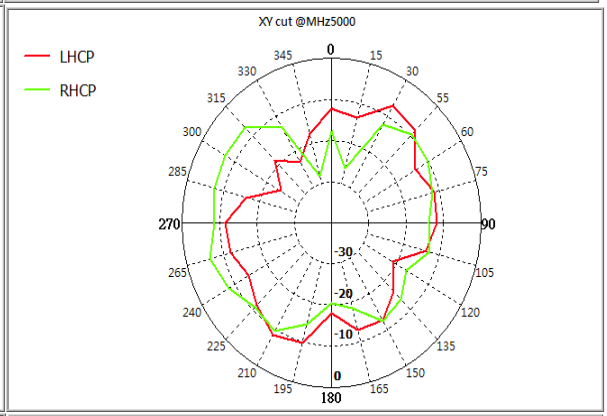

Total POWER 4800 MHz
+10
+5
0
-5
-10
-15
-20
-25
-30
-35
-40
dBi

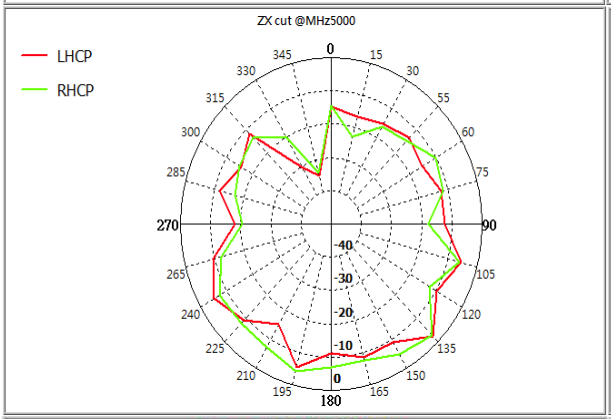
**5000Mhz:**

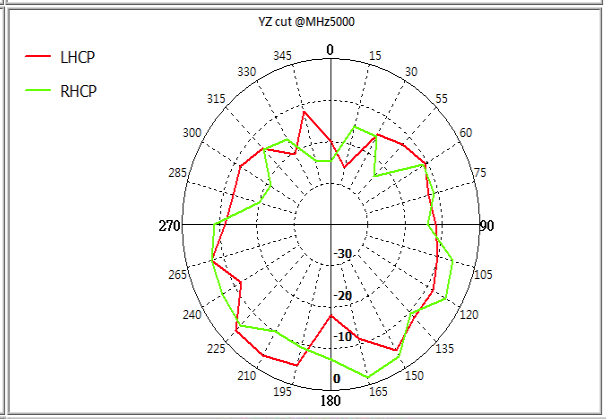

XY cut @MHz5000
Total
Horizon
Vertical

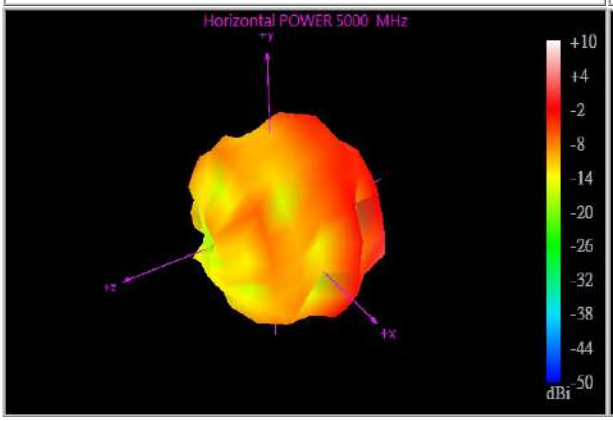

ZX cut @MHz5000
Total
Horizon
Vertical

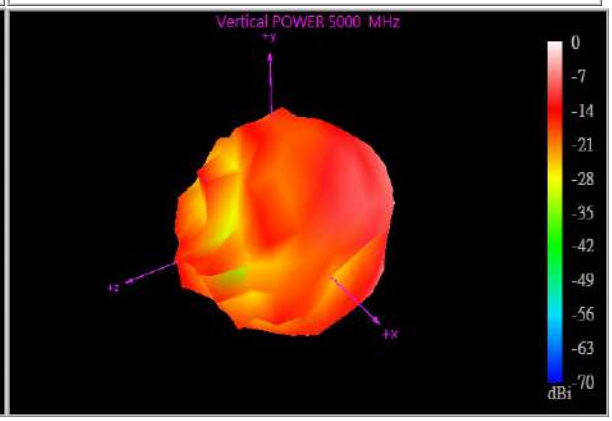

YZ cut @MHz5000
Total
Horizon
Vertical

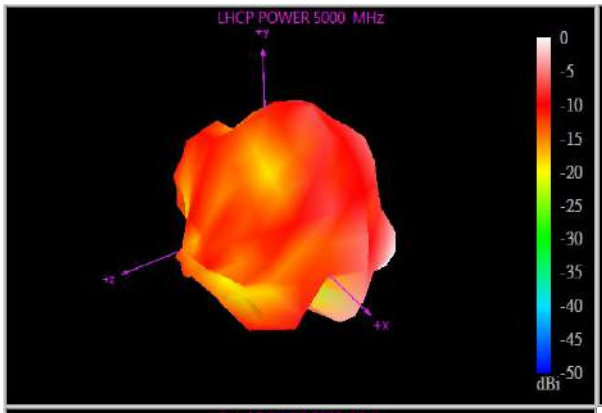

XY cut @MHz5000
LHCP
RHCP

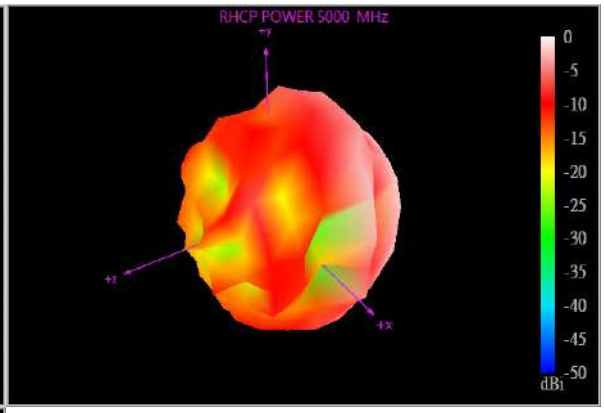

ZX cut @MHz5000
LHCP
RHCP

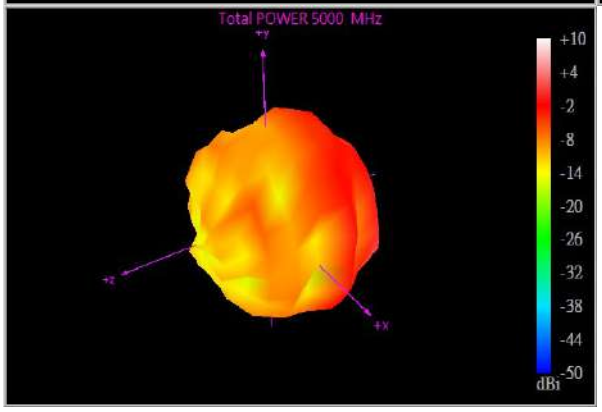

YZ cut @MHz5000
LHCP
RHCP


Horizontal POWER 5000 MHz
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

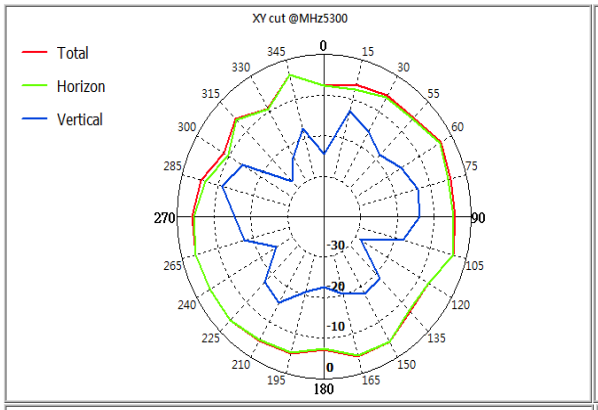

Vertical POWER 5000 MHz
0
-7
-14
-21
-28
-35
-42
-49
-56
-63
-70
dBi

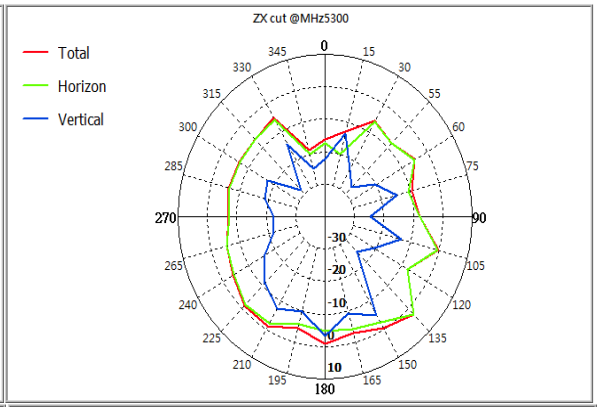

LHCP POWER 5000 MHz
+Y
+Z
+X
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
dBi

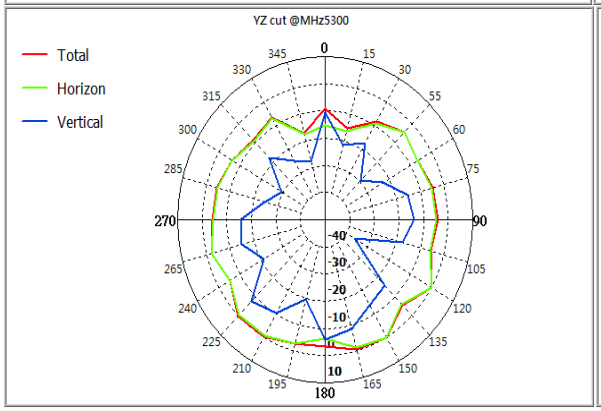

RHCP POWER 5000 MHz
+Y
+Z
+X
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
dBi

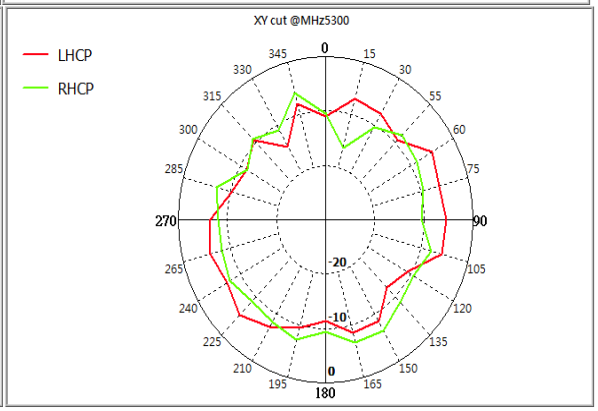

Total POWER 5000 MHz
+Y
+Z
+X
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

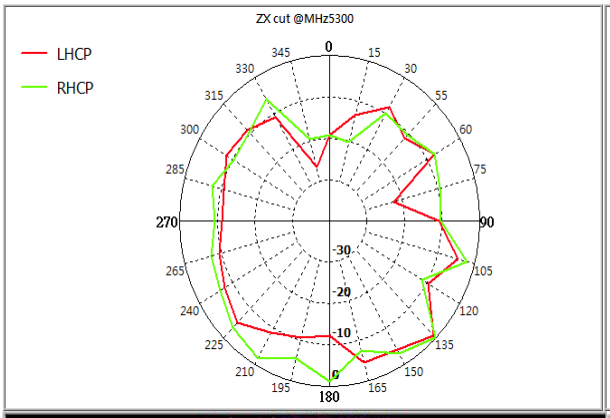
## 5300Mhz:

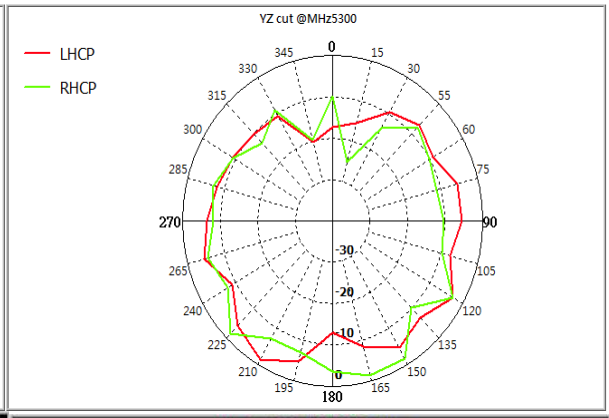

XY cut @MHz5300
Total
Horizon
Vertical

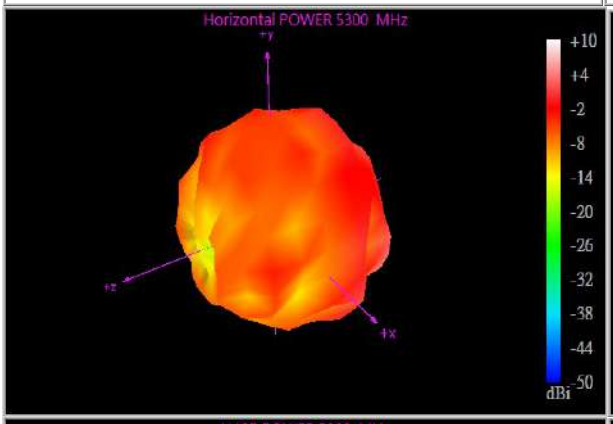

ZX cut @MHz5300
Total
Horizon
Vertical

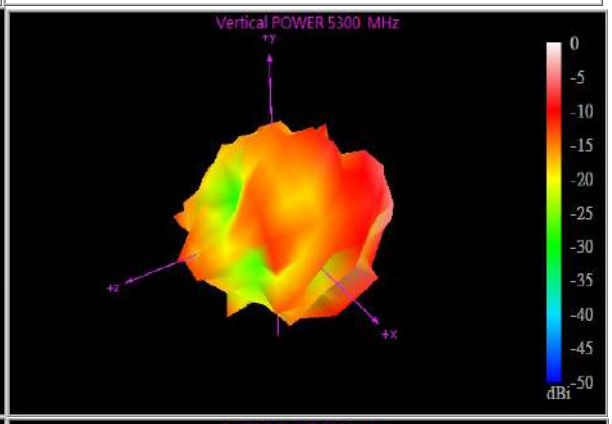

YZ cut @MHz5300
Total
Horizon
Vertical

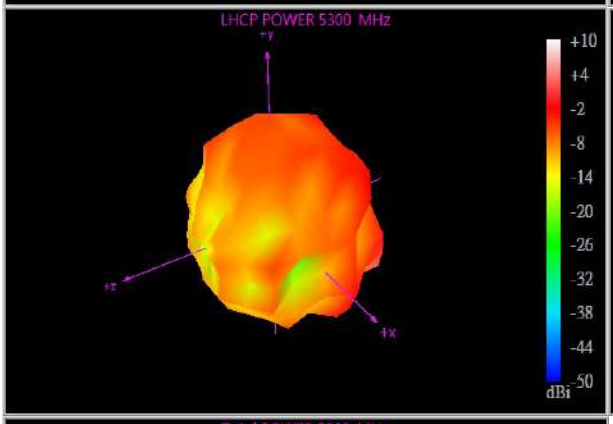

XY cut @MHz5300
LHCP
RHCP

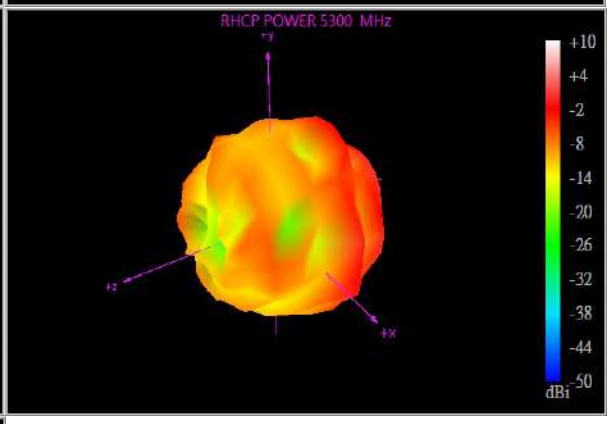

ZX cut @MHz5300
LHCP
RHCP

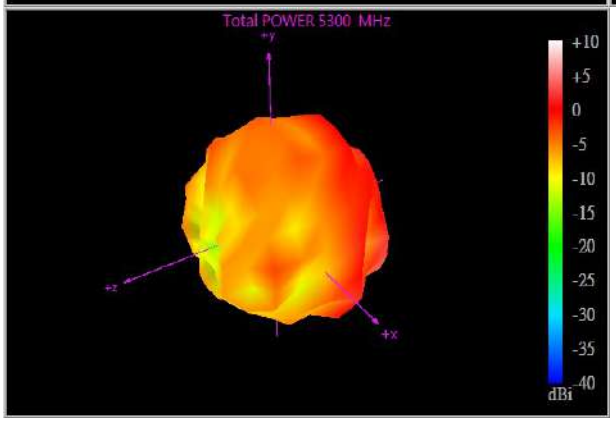

YZ cut @MHz5300
LHCP
RHCP


Horizontal POWER 5300 MHz
dBi

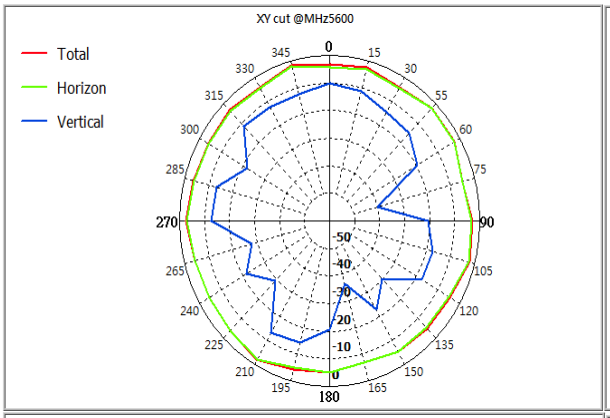

Vertical POWER 5300 MHz
dBi

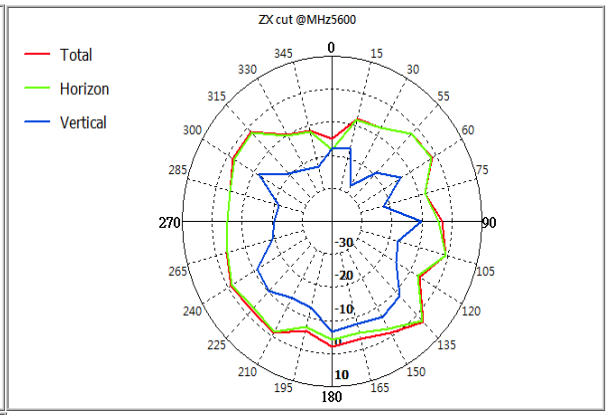

LHCP POWER 5300 MHz
dBi

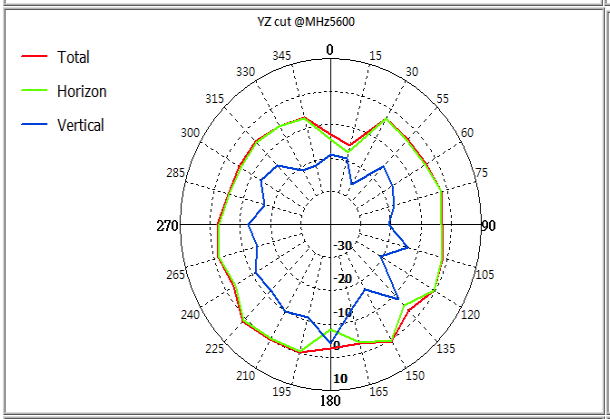

RHCP POWER 5300 MHz
dBi

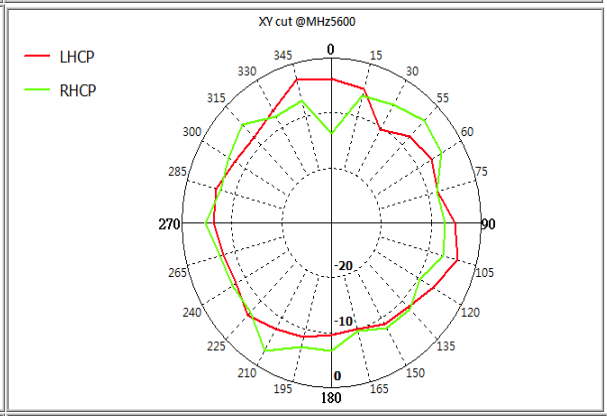

Total POWER 5300 MHz
dBi

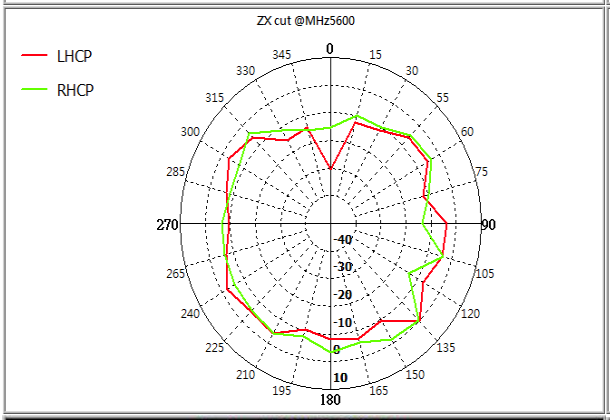
**5600Mhz:**

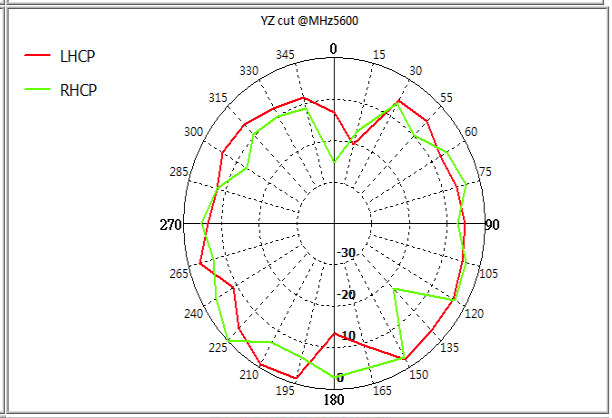

XY cut @MHz5600
Total
Horizon
Vertical

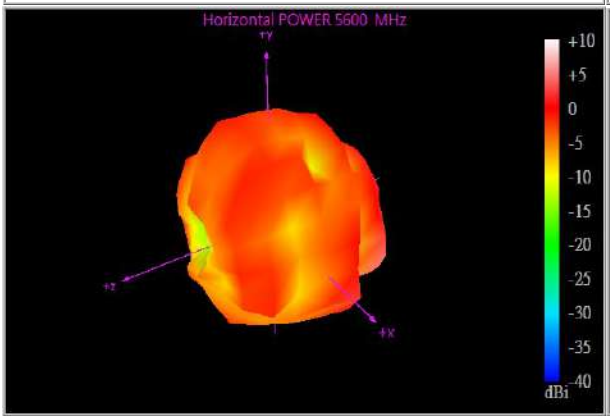

ZX cut @MHz5600
Total
Horizon
Vertical

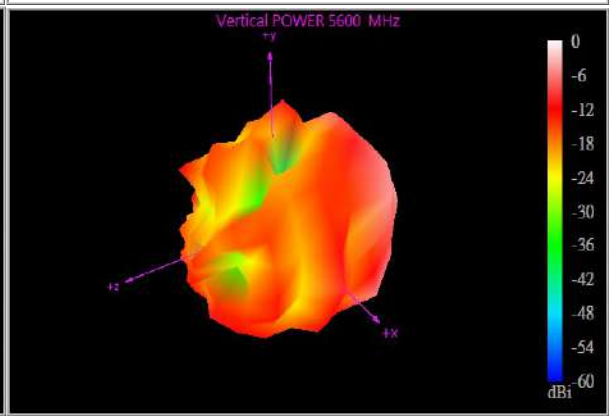

YZ cut @MHz5600
Total
Horizon
Vertical

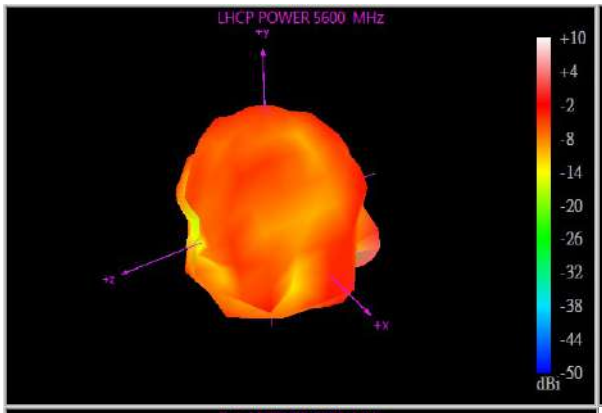

XY cut @MHz5600
LHCP
RHCP

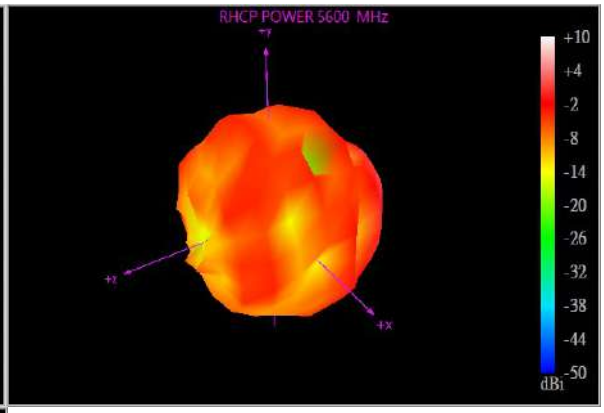

ZX cut @MHz5600
LHCP
RHCP

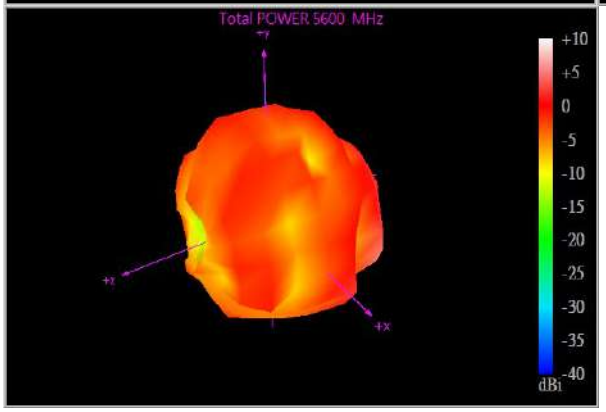

YZ cut @MHz5600
LHCP
RHCP


Horizontal POWER 5600 MHz
+10
+5
0
-5
-10
-15
-20
-25
-30
-35
-40
dBi

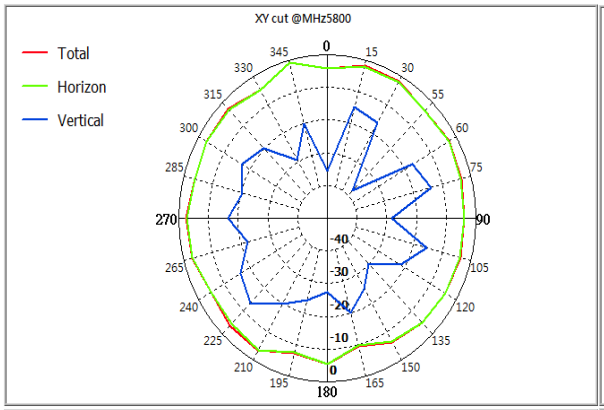

Vertical POWER 5600 MHz
0
-6
-12
-18
-24
-30
-36
-42
-48
-54
-60
dBi

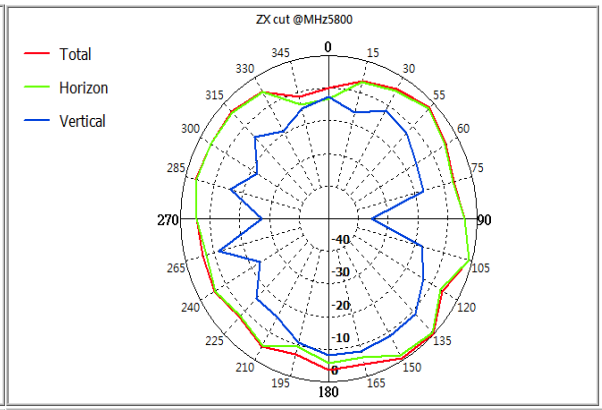

LHCP POWER 5600 MHz
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

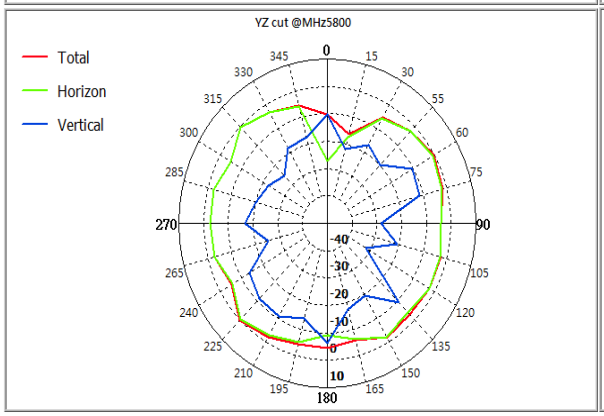

RHCP POWER 5600 MHz
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

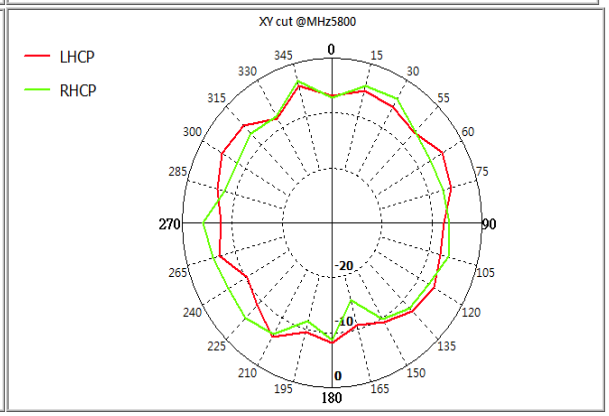

Total POWER 5600 MHz
+10
+5
0
-5
-10
-15
-20
-25
-30
-35
-40
dBi

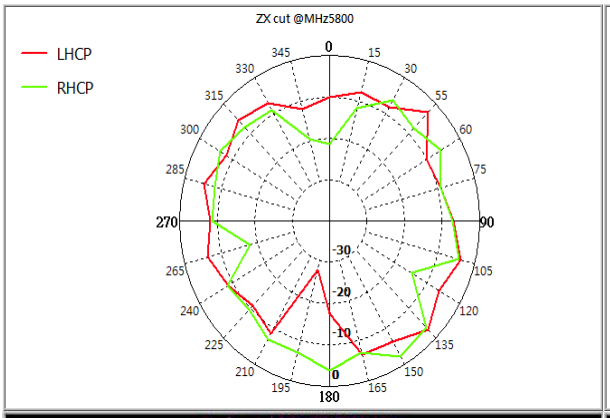
## 5800Mhz:

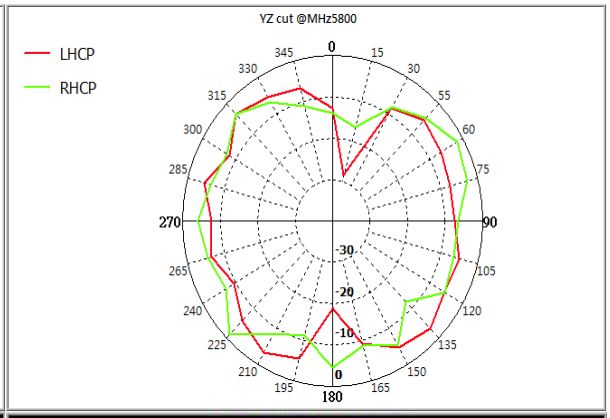

XY cut @MHz5800
Total
Horizon
Vertical

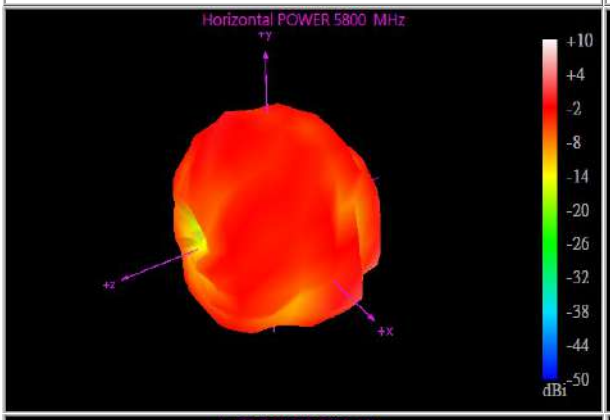

ZX cut @MHz5800
Total
Horizon
Vertical

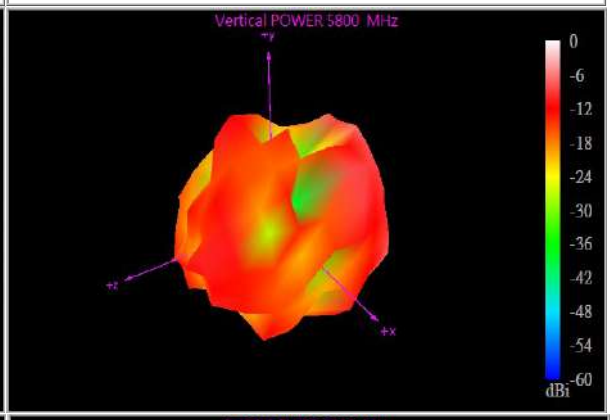

YZ cut @MHz5800
Total
Horizon
Vertical

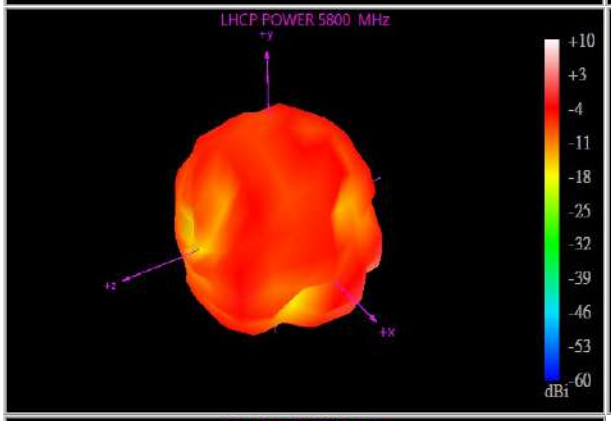

XY cut @MHz5800
LHCP
RHCP

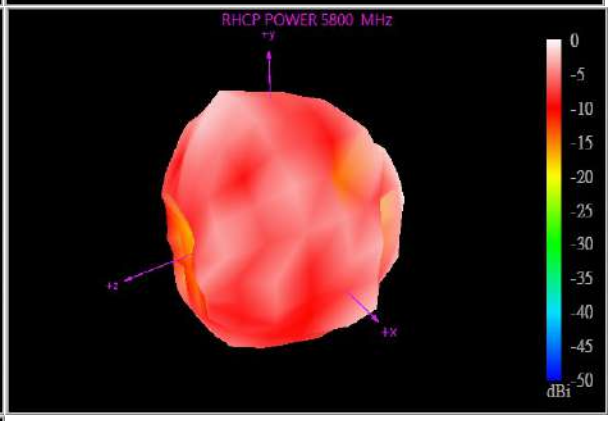

ZX cut @MHz5800
LHCP
RHCP

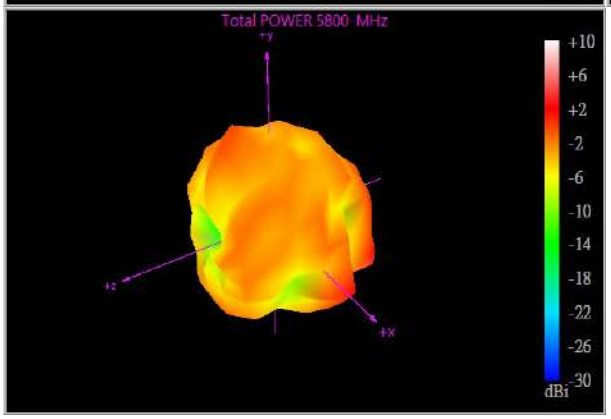

YZ cut @MHz5800
LHCP
RHCP


Horizontal POWER 5800 MHz
dBi

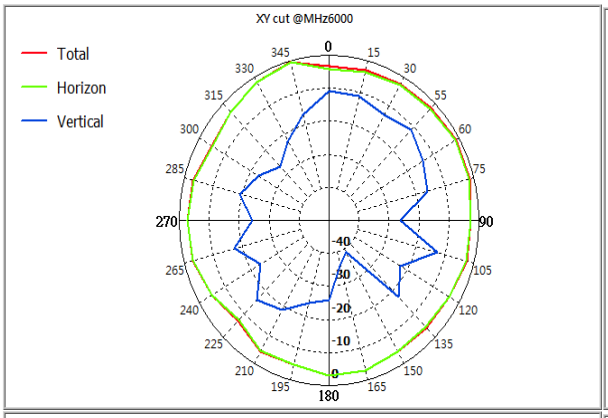

Vertical POWER 5800 MHz
dBi

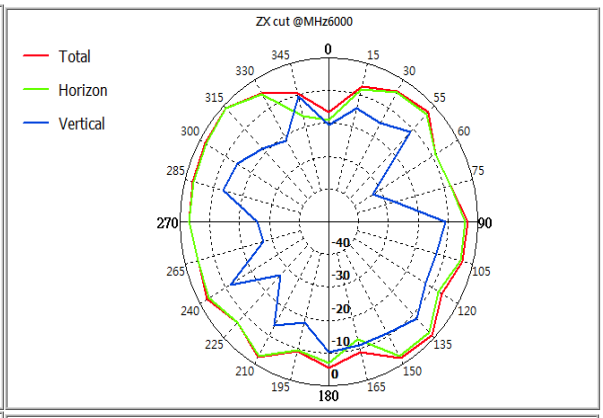

LHCP POWER 5800 MHz
dBi

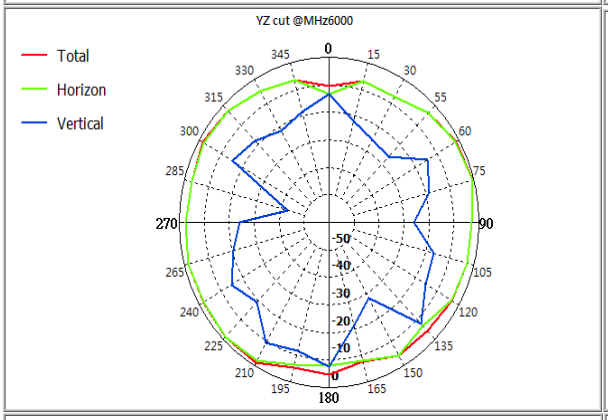

RHCP POWER 5800 MHz
dBi

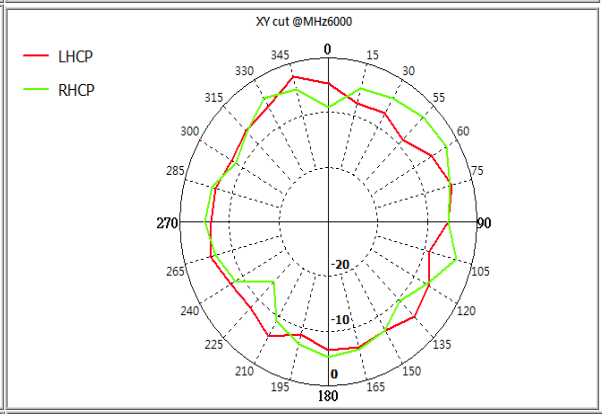

Total POWER 5800 MHz
dBi

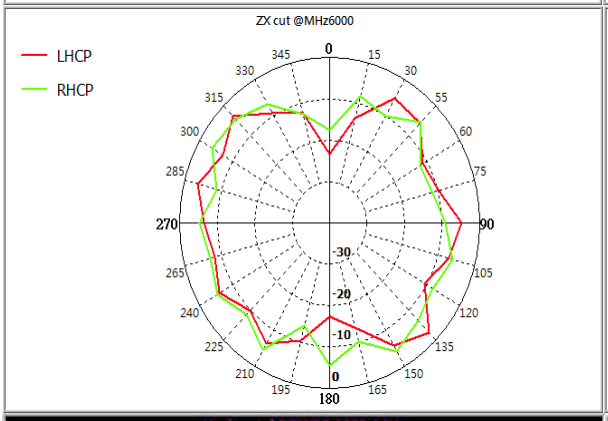
**6000Mhz:**

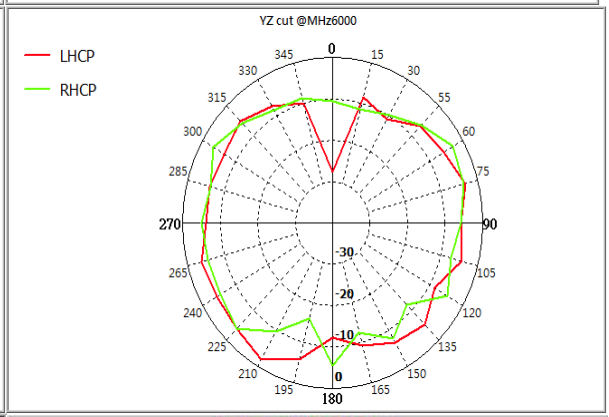

XY cut @MHz6000
Total
Horizon
Vertical

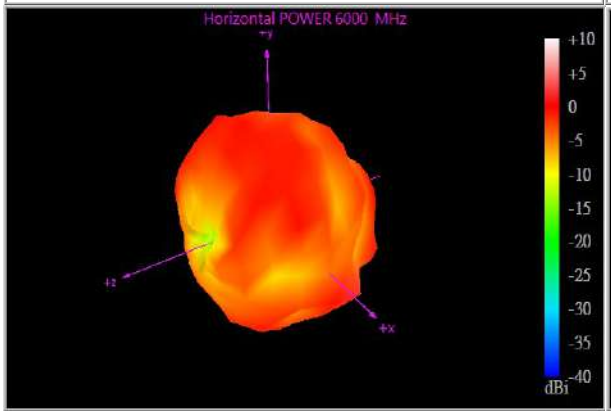

ZX cut @MHz6000
Total
Horizon
Vertical

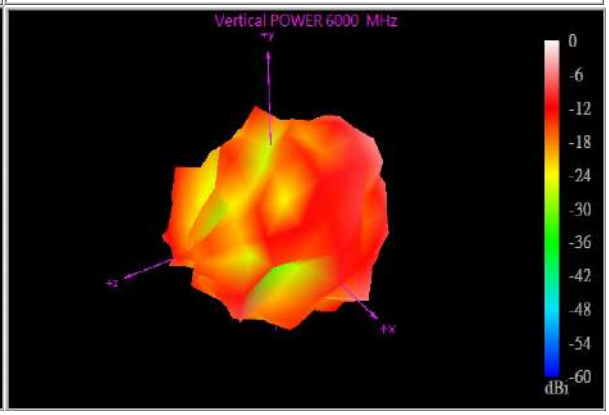

YZ cut @MHz6000
Total
Horizon
Vertical

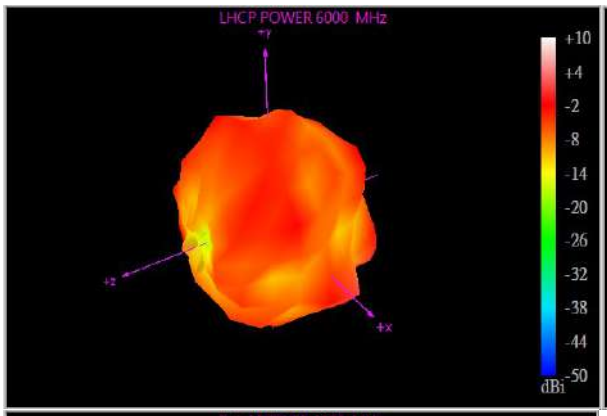

XY cut @MHz6000
LHCP
RHCP

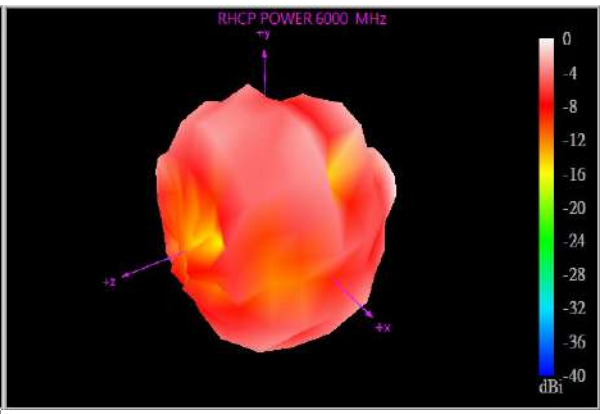

ZX cut @MHz6000
LHCP
RHCP

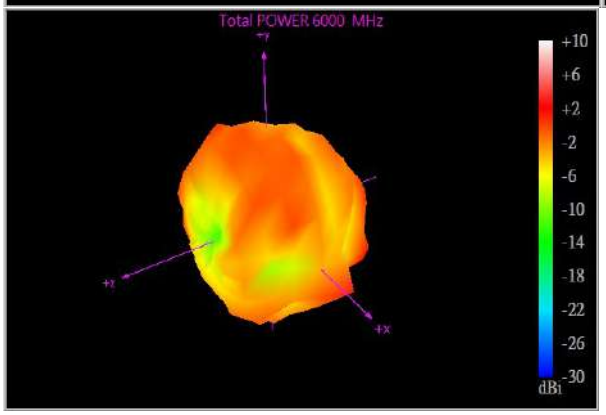

YZ cut @MHz6000
LHCP
RHCP


Horizontal POWER 6000 MHz
dBi


Vertical POWER 6000 MHz
dBi


LHCP POWER 6000 MHz
+y
+z
+x
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi


RHCP POWER 6000 MHz
+y
+z
+x
0
-4
-8
-12
-16
-20
-24
-28
-32
-36
-40
dBi


Total POWER 6000 MHz
+y
+z
+x
+10
+6
+2
-2
-6
-10
-14
-18
-22
-26
-30
dBi