# 1.6~3Ghz Antenna

## MODEL: TH-1630-SMA(M)

### 1.. GENERAL DESCRIPTION

| Model No | P/N |
|---|---|
| TH-1630 | TH-1630-SMA(M) |

### 1.1 Electrical Properties

| Parameter | Description |
|---|---|
| Frequency Band | 1.6~2.5Ghz |
| Nominal Impedance | 50 ohm |
| Polarization | Vertical |
| Admitted Power radiation | 1W |
| V.S.W.R | 3.0:1 Max |
| Antenna Gain | 0~3dB |
| | |

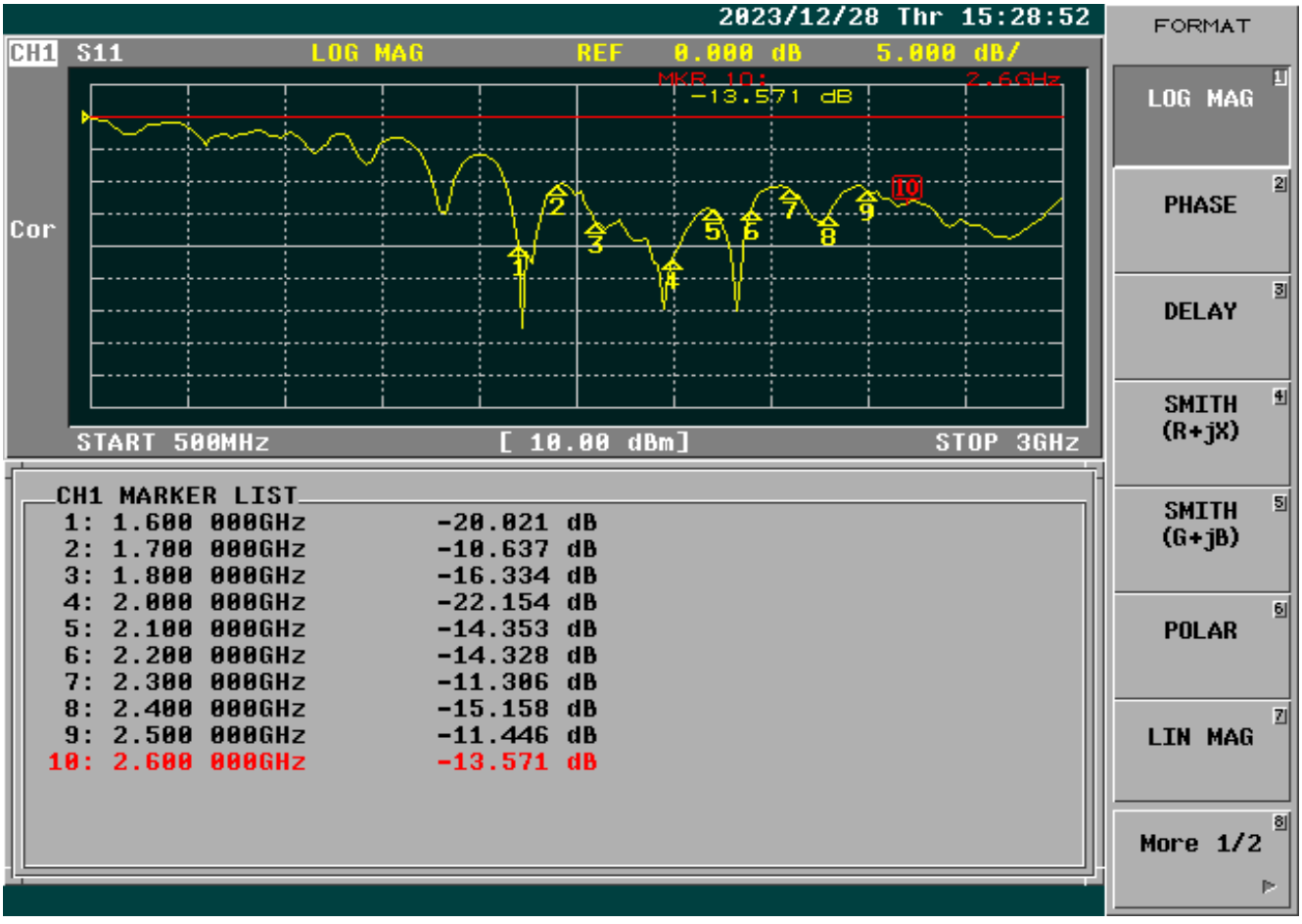
### 1.2 Mechanical Properties

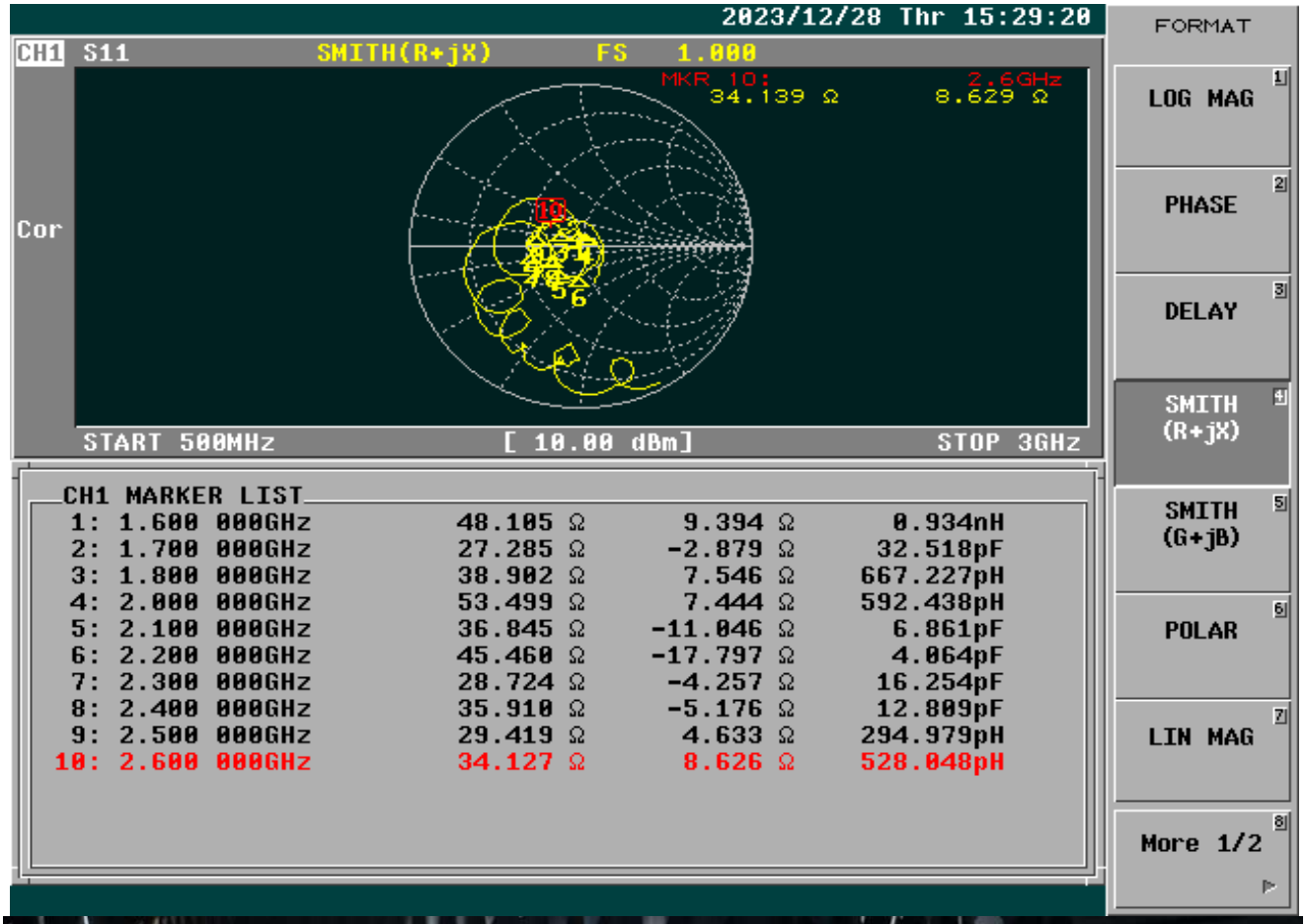
| Parameter | Description |
|---|---|
| Antenna Type | External Antenna |
| Material | ASA-UV (UL94-HB) |
| Touch Type | Screw Type |
| Connector Type | SMA (Male) |
| Antenna Dimensions | OD12.5 x 69.7mm±1 |
| Antenna Color | Black |
| Operating Temperature Range | -40°C~+80°C |
| Storage Temperature Range | -40°C~+80°C |
| Waterproof | IPX7 (Must match the silicone pad - optional) |

| NO. | NAME | Q, TY |
|---|---|---|
| 01 | ASA-UV Tube | 01 |
| 02 | SMA(M) | 01 |
| | | |


| Third angle projection | CUSTOMER' S | MODEL | PARTS NUMBER | FREQUENCY | UNIT | SCALE | DATE | VERSION |
|---|---|---|---|---|---|---|---|---|
| | | TH-1630 | | 1.6~3Ghz | M/M | | 20231228 | 1 |
| | TOLERANCE | X. XX±0. 15 | NAME | PARTS NUMBER | APPROVED | CHECKED | DRAWING | DESIGNED |
| | SURFACE ROUGHNESS | ▽ | APPEARANCE | | | | | |

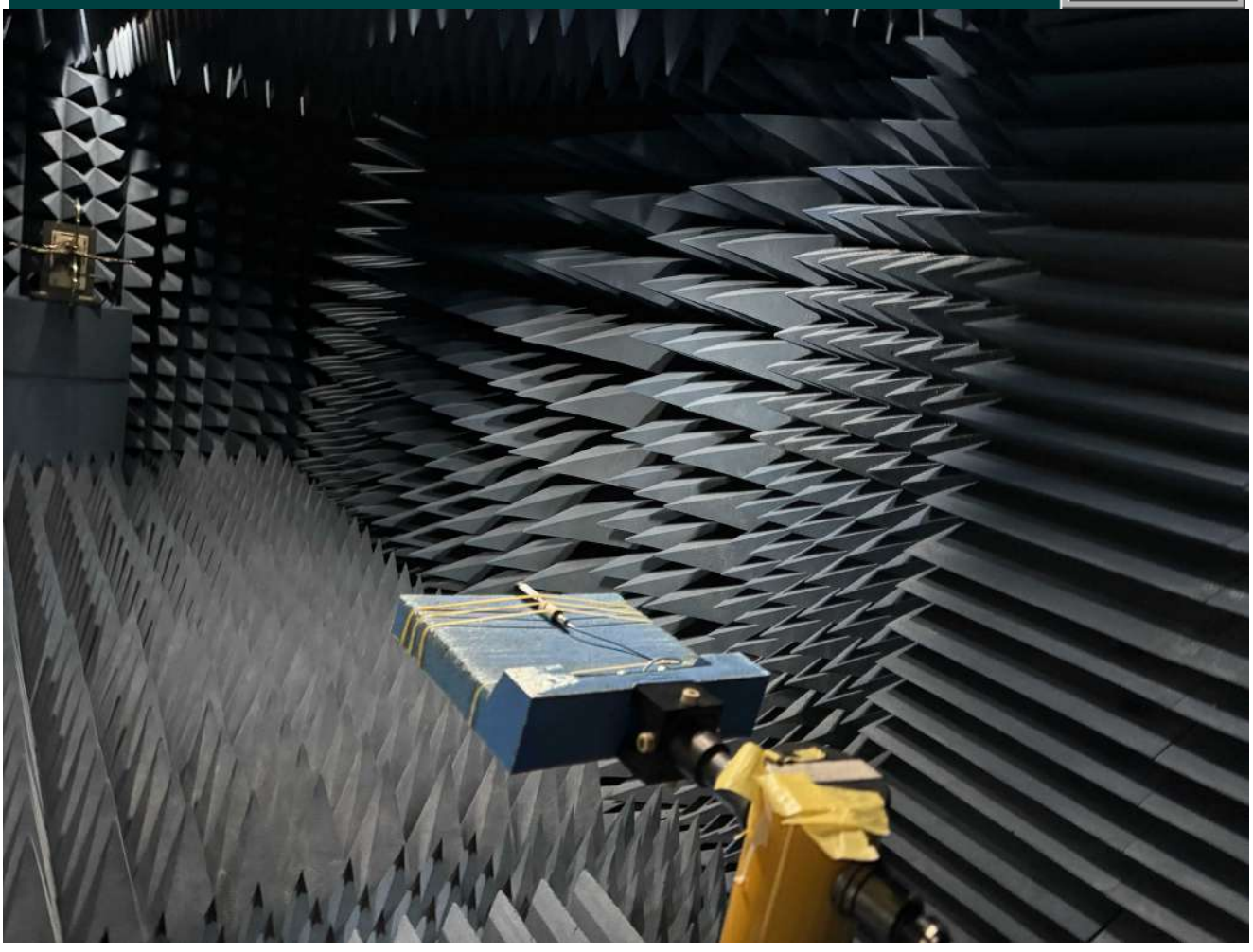

2023/12/28 Thr 15:28:20
CH1 S11 SWR REF 1.000 1.000 /
MKR 10: 2.6GHz
1.519
MARKER 10
2.6GHz
1.519
Cor
START 500MHz
[ 10.00 dBm]
STOP 3GHz
CH1 MARKER LIST
1: 1.600 000GHz 1.225
2: 1.700 000GHz 1.839
3: 1.800 000GHz 1.356
4: 2.000 000GHz 1.169
5: 2.100 000GHz 1.481
6: 2.200 000GHz 1.474
7: 2.300 000GHz 1.740
8: 2.400 000GHz 1.430
9: 2.500 000GHz 1.733
10: 2.600 000GHz 1.520
ACTIVATE MARKER
MARKER 6
MARKER 7
MARKER 8
MARKER 9
MARKER 10
ACTIVATE MKR OFF
Return
More 2/2


2023/12/28 Thr 15:28:52
CH1 S11 LOG MAG REF 0.000 dB 5.000 dB/
MKR 10: 2.6GHz
-13.571 dB
Cor
START 500MHz
[ 10.00 dBm]
STOP 3GHz
CH1 MARKER LIST
1: 1.600 000GHz -20.021 dB
2: 1.700 000GHz -10.637 dB
3: 1.800 000GHz -16.334 dB
4: 2.000 000GHz -22.154 dB
5: 2.100 000GHz -14.353 dB
6: 2.200 000GHz -14.328 dB
7: 2.300 000GHz -11.306 dB
8: 2.400 000GHz -15.158 dB
9: 2.500 000GHz -11.446 dB
10: 2.600 000GHz -13.571 dB
FORMAT
LOG MAG
PHASE
DELAY
SMITH (R+jX)
SMITH (G+jB)
POLAR
LIN MAG
More 1/2




CH1 MARKER LIST

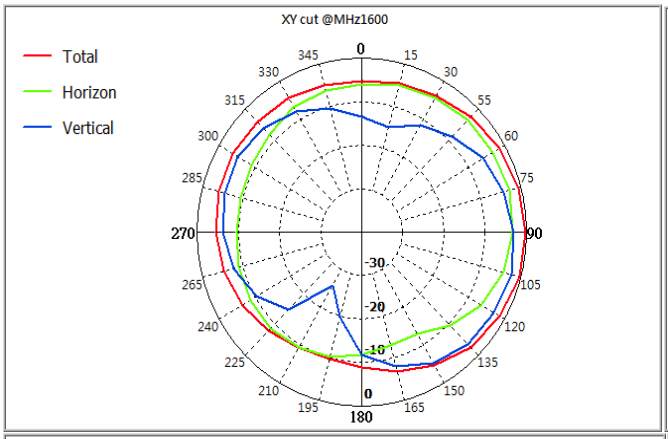
| | | | |
|---|---|---|---|
| 1: | 1.600 000GHz | 48.105 Ω | 9.394 Ω | 0.934nH |
| 2: | 1.700 000GHz | 27.285 Ω | -2.879 Ω | 32.518pF |
| 3: | 1.800 000GHz | 38.902 Ω | 7.546 Ω | 667.227pH |
| 4: | 2.000 000GHz | 53.499 Ω | 7.444 Ω | 592.438pH |
| 5: | 2.100 000GHz | 36.845 Ω | -11.046 Ω | 6.861pF |
| 6: | 2.200 000GHz | 45.460 Ω | -17.797 Ω | 4.064pF |
| 7: | 2.300 000GHz | 28.724 Ω | -4.257 Ω | 16.254pF |
| 8: | 2.400 000GHz | 35.910 Ω | -5.176 Ω | 12.809pF |
| 9: | 2.500 000GHz | 29.419 Ω | 4.633 Ω | 294.979pH |
| 10: | 2.600 000GHz | 34.127 Ω | 8.626 Ω | 528.048pH |

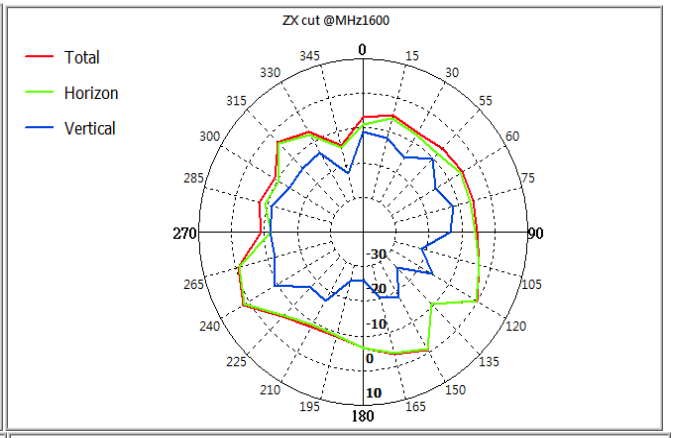


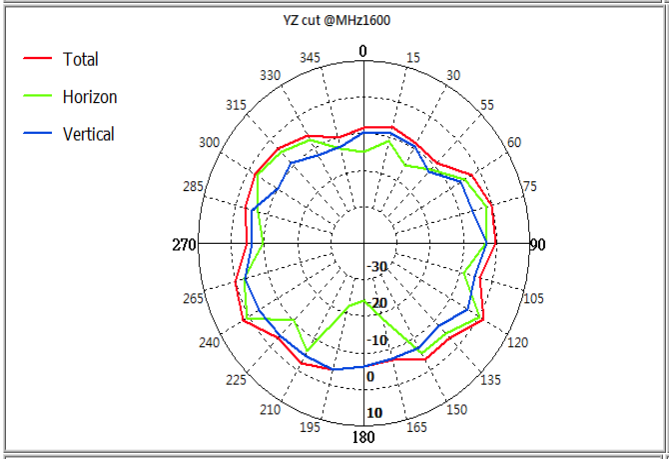
3D Total

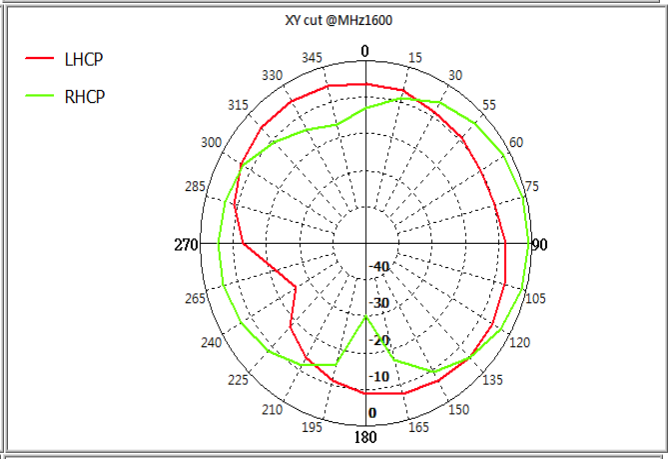
| Frequency (MHz) | Upper Hem. PRP (dBm) | Lower HEM. PRP (dBm) | Efficiency (dB) | Efficiency (%) | Gain (dBi) | Tot. Rad.Pwr. (dBm) |
|---|---|---|---|---|---|---|
| 1600 MHz | -7.81 | -4.86 | -3.08 | 49.19 | 2.52 | -3.08 |
| 1605 MHz | -7.81 | -4.90 | -3.11 | 48.89 | 2.60 | -3.11 |
| 1610 MHz | -7.79 | -4.88 | -3.09 | 49.14 | 2.61 | -3.09 |
| 1710 MHz | -7.75 | -4.82 | -3.03 | 49.72 | 2.30 | -3.03 |
| 1730 MHz | -7.39 | -4.64 | -2.79 | 52.56 | 2.18 | -2.79 |
| 1750 MHz | -7.86 | -5.43 | -3.46 | 45.05 | 0.99 | -3.46 |
| 1770 MHz | -7.71 | -5.69 | -3.57 | 43.91 | 0.74 | -3.57 |
| 1785 MHz | -7.39 | -5.66 | -3.43 | 45.39 | 0.79 | -3.43 |
| 1805 MHz | -8.02 | -6.35 | -4.09 | 38.96 | 0.03 | -4.09 |
| 1840 MHz | -7.96 | -6.13 | -3.94 | 40.36 | 0.18 | -3.94 |
| 1850 MHz | -7.62 | -5.73 | -3.57 | 43.99 | 0.47 | -3.57 |
| 1880 MHz | -8.62 | -6.20 | -4.23 | 37.74 | 0.76 | -4.23 |
| 1910 MHz | -8.44 | -5.42 | -3.66 | 43.07 | 2.11 | -3.66 |
| 1920 MHz | -8.47 | -5.27 | -3.57 | 43.97 | 2.52 | -3.57 |
| 1930 MHz | -8.70 | -5.39 | -3.72 | 42.42 | 2.32 | -3.72 |
| 1950 MHz | -8.15 | -4.87 | -3.19 | 47.94 | 2.64 | -3.19 |
| 1960 MHz | -8.00 | -4.78 | -3.08 | 49.15 | 2.52 | -3.08 |
| 1980 MHz | -7.41 | -4.58 | -2.76 | 53.02 | 2.41 | -2.76 |
| 1995 MHz | -7.29 | -4.63 | -2.75 | 53.07 | 2.14 | -2.75 |
| 2110 MHz | -5.25 | -3.68 | -1.39 | 72.69 | 3.48 | -1.39 |
| 2140 MHz | -5.92 | -4.16 | -1.94 | 64.00 | 2.83 | -1.94 |
| 2170 MHz | -6.77 | -4.95 | -2.75 | 53.04 | 2.15 | -2.75 |
| 2300 MHz | -6.27 | -4.68 | -2.39 | 57.64 | 2.01 | -2.39 |
| 2325 MHz | -5.48 | -3.89 | -1.60 | 69.11 | 2.84 | -1.60 |
| 2350 MHz | -5.94 | -4.35 | -2.06 | 62.20 | 2.35 | -2.06 |
| 2375 MHz | -5.76 | -4.21 | -1.90 | 64.51 | 2.73 | -1.90 |
| 2400 MHz | -6.15 | -4.56 | -2.27 | 59.29 | 2.26 | -2.27 |
| 2450 MHz | -6.04 | -4.66 | -2.29 | 59.06 | 1.40 | -2.29 |
| 2500 MHz | -5.99 | -5.30 | -2.62 | 54.64 | 1.17 | -2.62 |
| 2515 MHz | -5.58 | -4.90 | -2.21 | 60.08 | 1.65 | -2.21 |
| 2535 MHz | -6.33 | -5.73 | -3.01 | 49.97 | 0.80 | -3.01 |
| 2555 MHz | -5.70 | -5.18 | -2.42 | 57.28 | 1.15 | -2.42 |
| 2570 MHz | -5.67 | -5.34 | -2.49 | 56.31 | 0.88 | -2.49 |
| 2595 MHz | -4.91 | -4.89 | -1.89 | 64.72 | 1.34 | -1.89 |
| 2620 MHz | -5.23 | -5.43 | -2.32 | 58.59 | 0.75 | -2.32 |
| 2630 MHz | -5.05 | -5.34 | -2.19 | 60.44 | 0.93 | -2.19 |
| 2655 MHz | -4.63 | -5.20 | -1.90 | 64.63 | 1.30 | -1.90 |
| 2680 MHz | -4.64 | -5.23 | -1.92 | 64.33 | 1.26 | -1.92 |
| 2690 MHz | -4.91 | -5.46 | -2.16 | 60.77 | 0.91 | -2.16 |
| 3000 MHz | -3.26 | -5.48 | -1.22 | 75.50 | 2.43 | -1.22 |

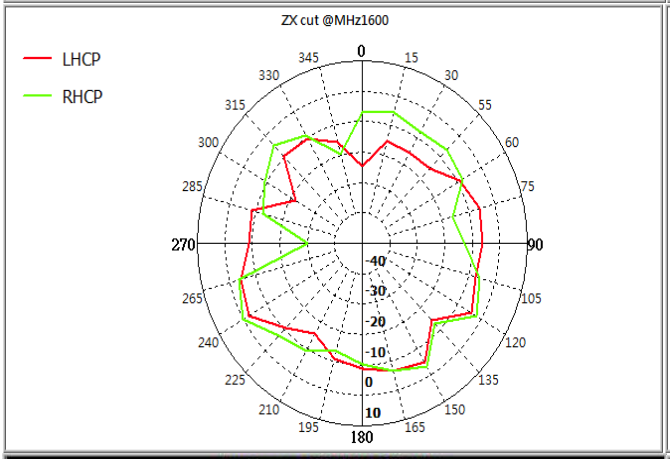
**1600Mhz:**

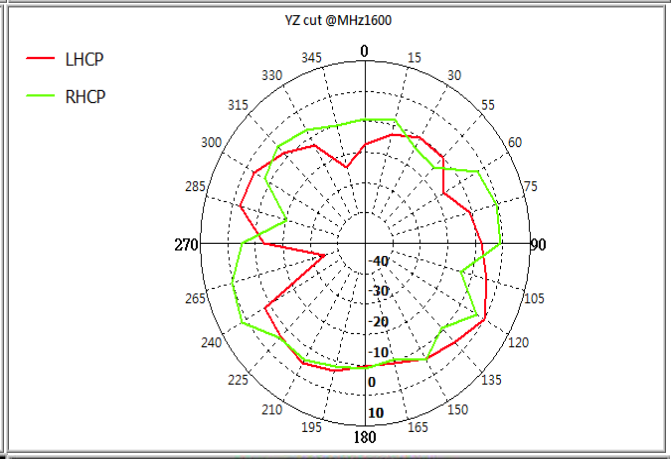

XY cut @MHz1600
Total
Horizon
Vertical

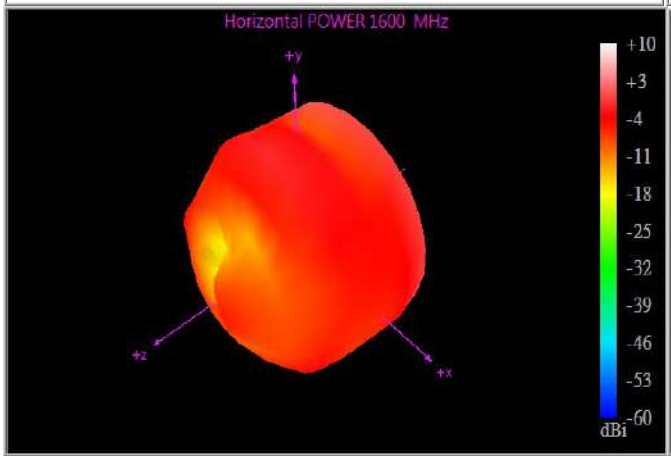

ZX cut @MHz1600
Total
Horizon
Vertical

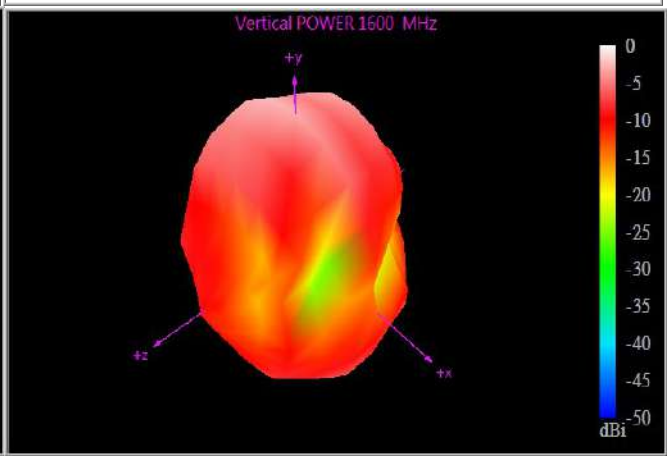

YZ cut @MHz1600
Total
Horizon
Vertical

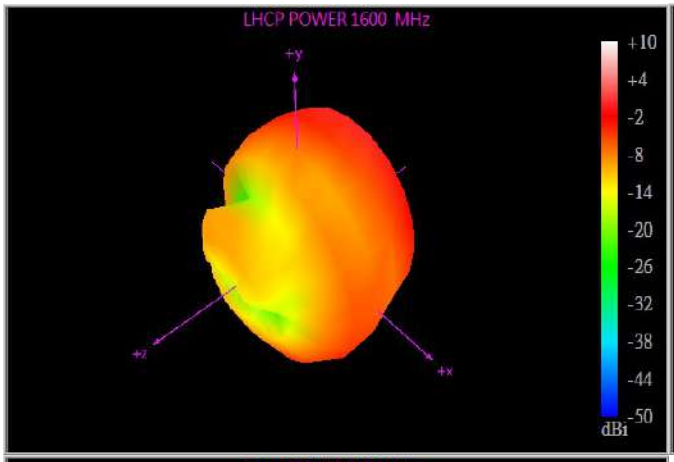

XY cut @MHz1600
LHCP
RHCP

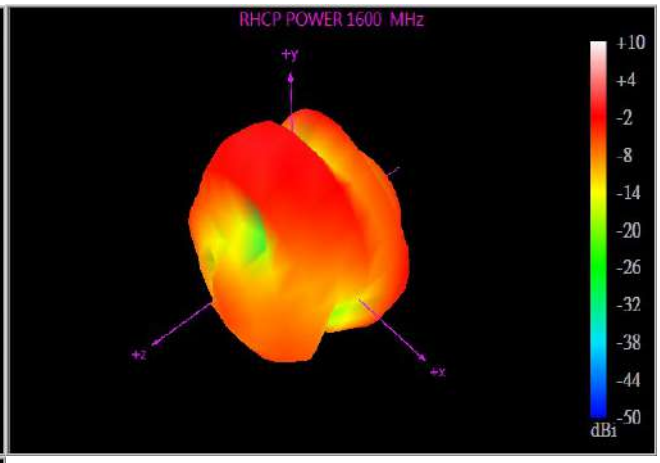

ZX cut @MHz1600
LHCP
RHCP

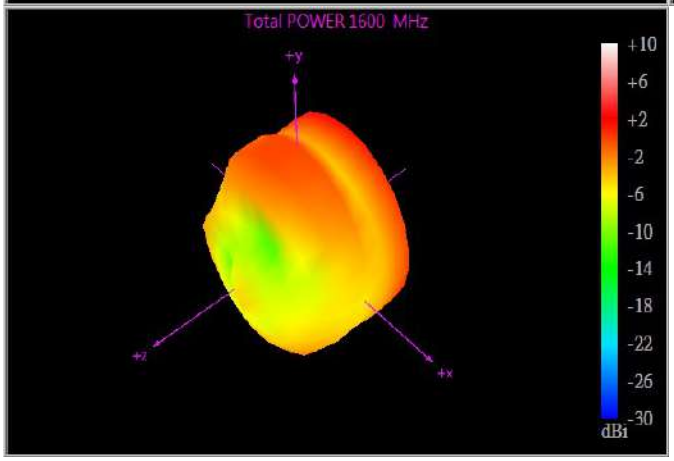

YZ cut @MHz1600
LHCP
RHCP


Horizontal POWER 1600 MHz
+y
+z
+x
+10
+3
-4
-11
-18
-25
-32
-39
-46
-53
-60
dBi

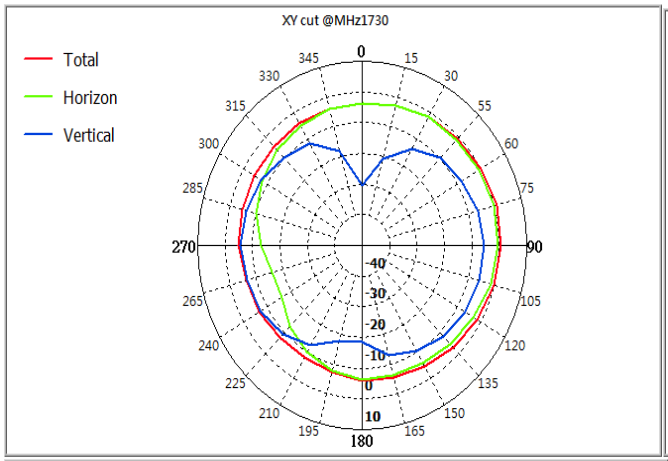

Vertical POWER 1600 MHz
+y
+z
+x
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
dBi

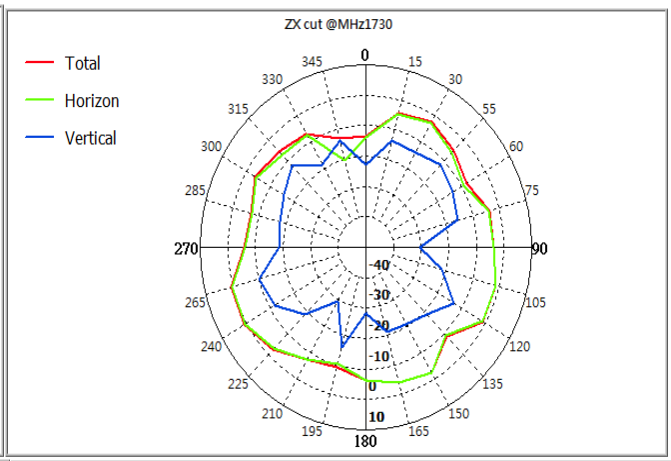

LHCP POWER 1600 MHz
+y
+z
+x
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

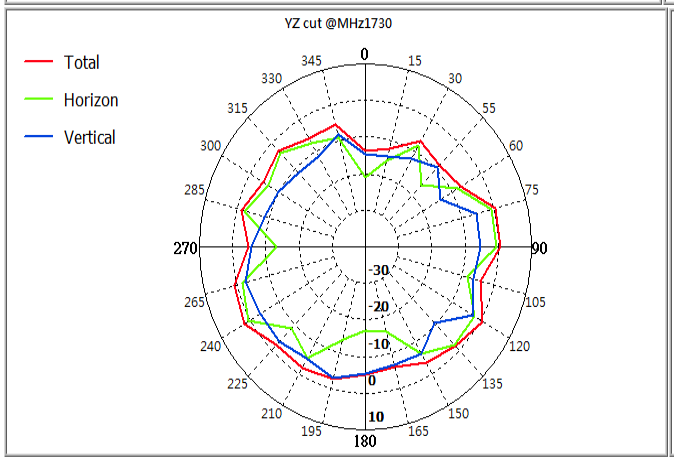

RHCP POWER 1600 MHz
+y
+z
+x
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

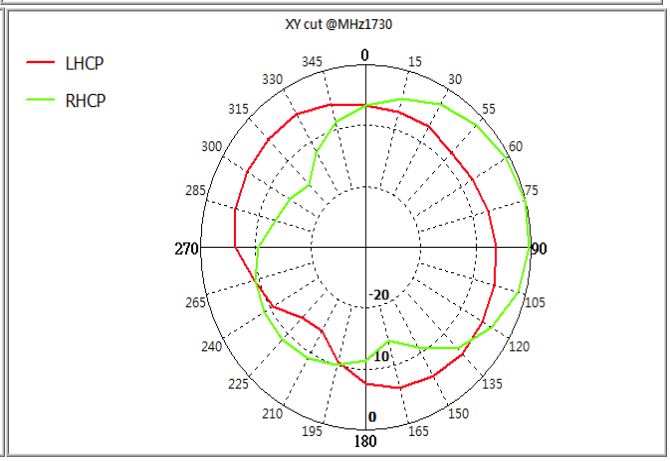

Total POWER 1600 MHz
+y
+z
+x
+10
+6
+2
-2
-6
-10
-14
-18
-22
-26
-30
dBi

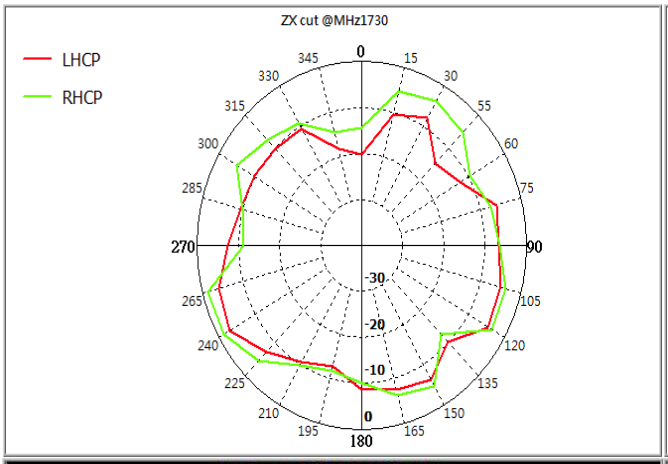
**1730Mhz:**

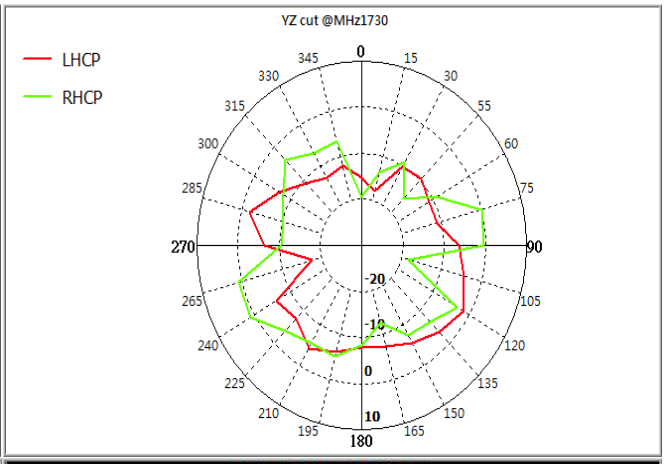

XY cut @MHz1730
Total
Horizon
Vertical

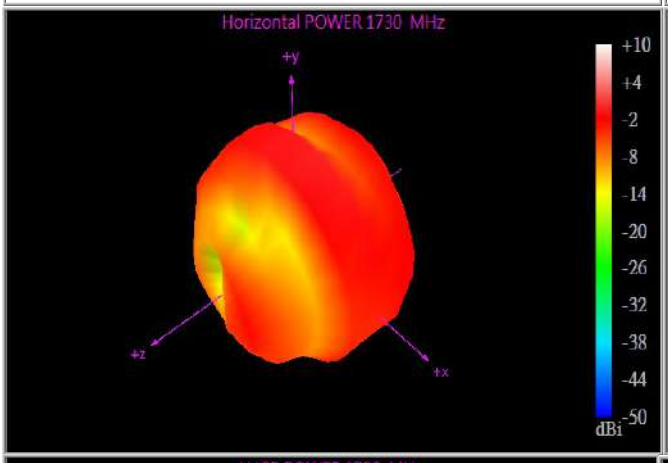

ZX cut @MHz1730
Total
Horizon
Vertical

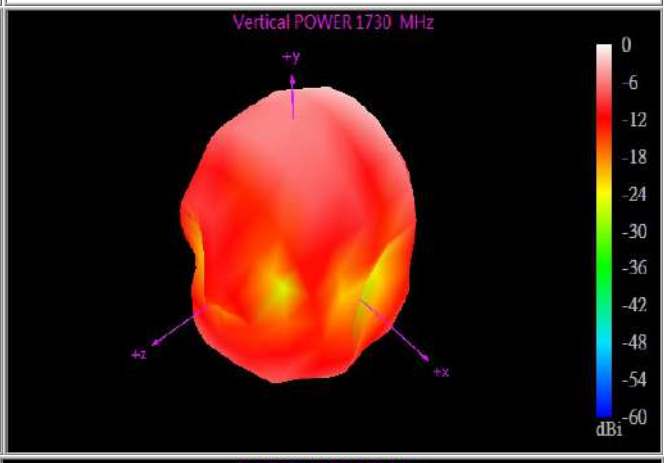

YZ cut @MHz1730
Total
Horizon
Vertical

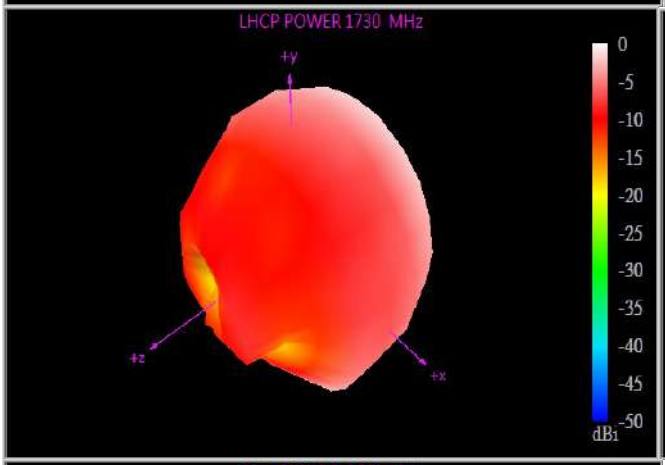

XY cut @MHz1730
LHCP
RHCP

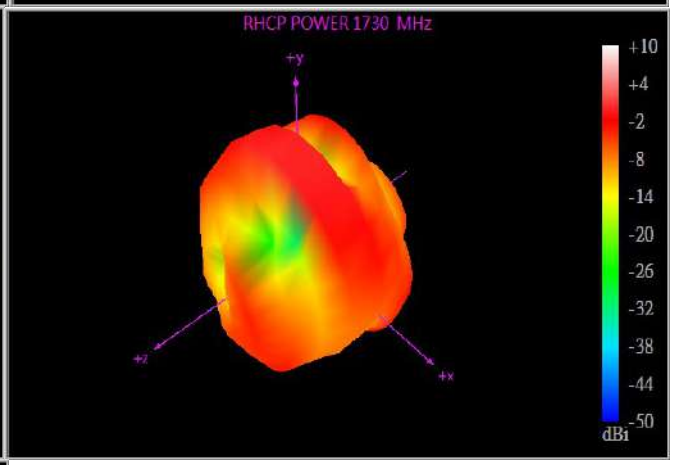

ZX cut @MHz1730
LHCP
RHCP
0
15
30
55
60
75
90
105
120
135
150
165
180
195
210
225
240
265
270
285
300
315
330
345
-30
-20
-10
0

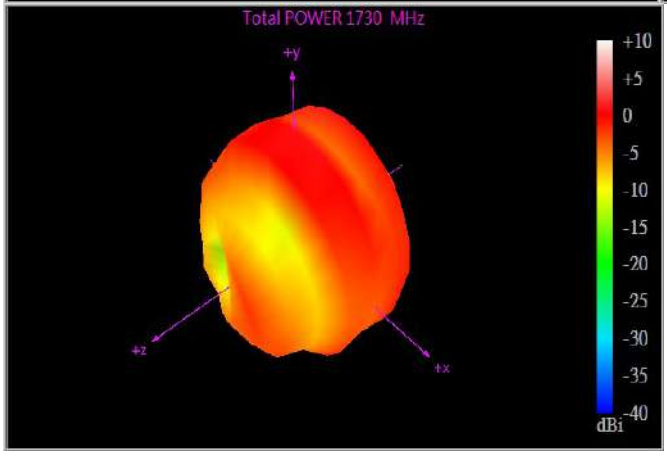

YZ cut @MHz1730
LHCP
RHCP
0
15
30
55
60
75
90
105
120
135
150
165
180
195
210
225
240
265
270
285
300
315
330
345
-20
-10
0
10


Horizontal POWER 1730 MHz
+y
+z
+x
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

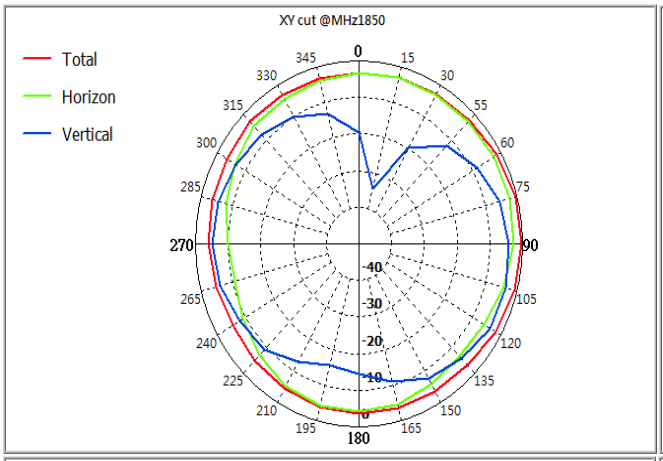

Vertical POWER 1730 MHz
+y
+z
+x
0
-6
-12
-18
-24
-30
-36
-42
-48
-54
-60
dBi

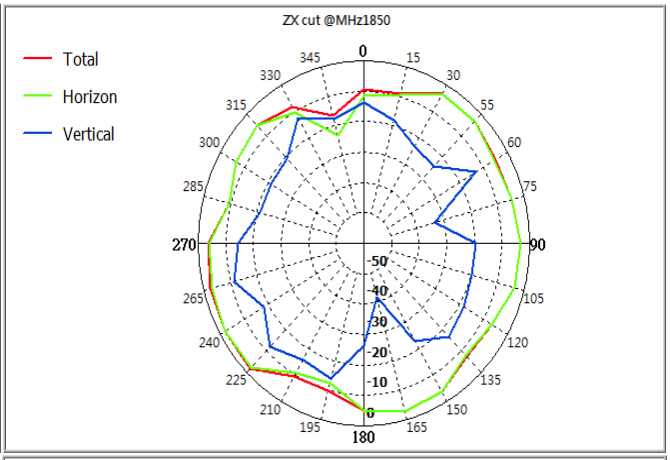

LHCP POWER 1730 MHz
+y
+z
+x
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
dBi

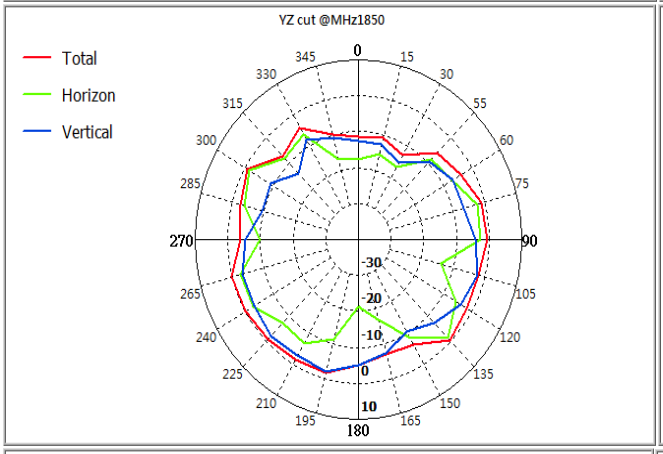

RHCP POWER 1730 MHz
+y
+z
+x
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

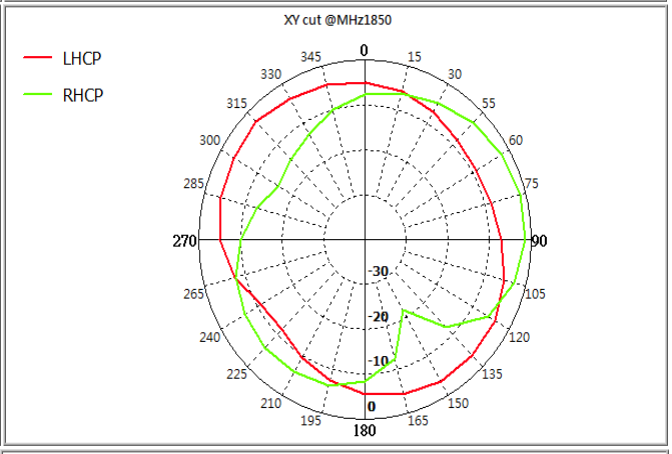

Total POWER 1730 MHz
+y
+z
+x
+10
+5
0
-5
-10
-15
-20
-25
-30
-35
-40
dBi

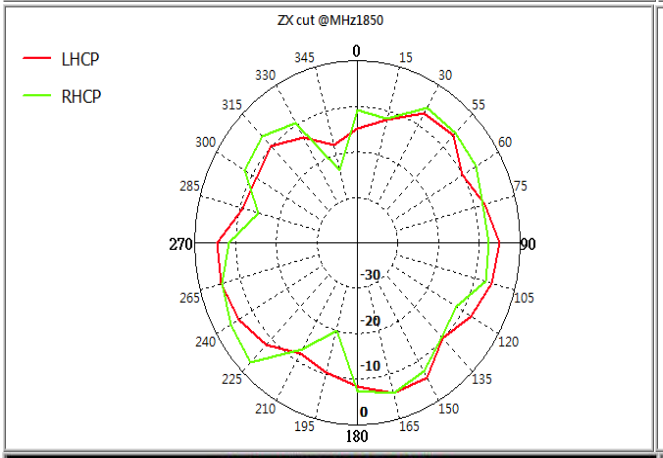
**1850Mhz:**

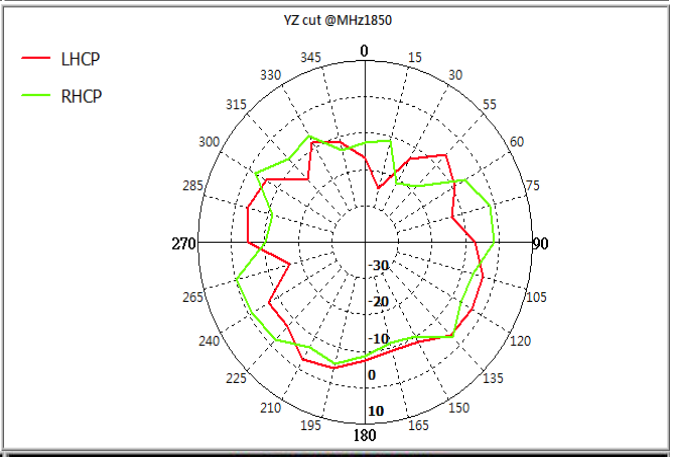

XY cut @MHz1850
Total
Horizon
Vertical

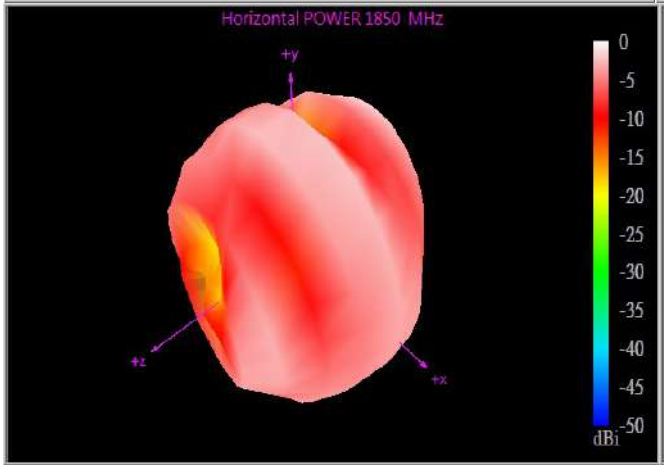

ZX cut @MHz1850
Total
Horizon
Vertical

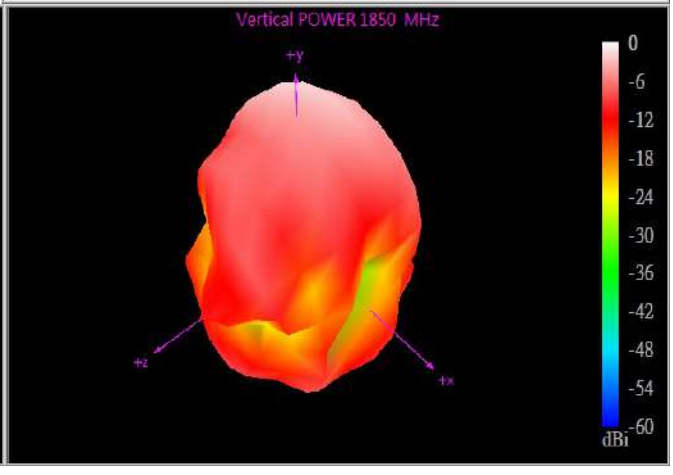

YZ cut @MHz1850
Total
Horizon
Vertical

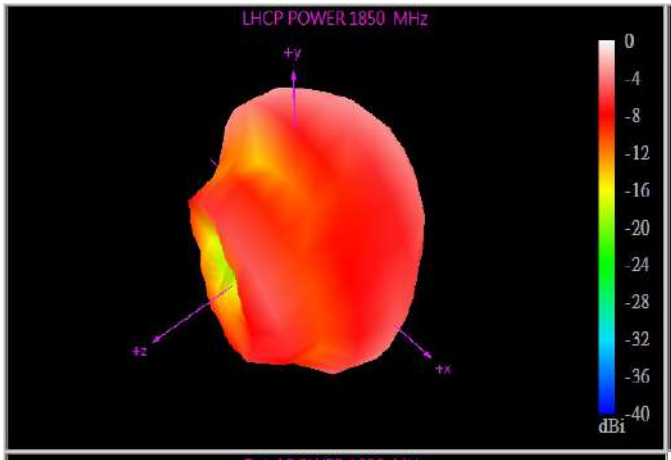

XY cut @MHz1850
LHCP
RHCP

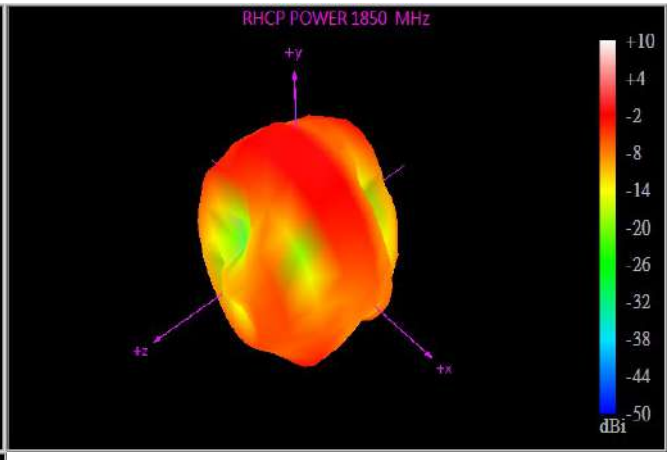

ZX cut @MHz1850
LHCP
RHCP

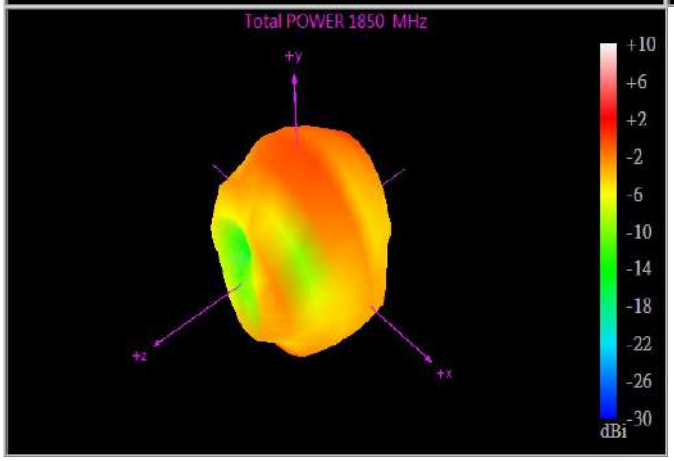

YZ cut @MHz1850
LHCP
RHCP


Horizontal POWER 1850 MHz
dBi

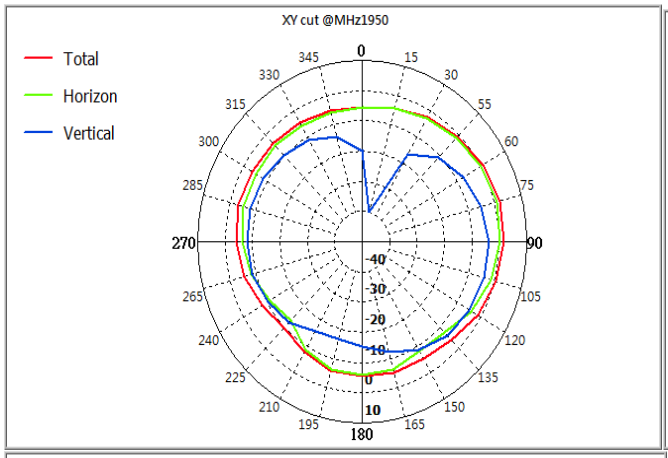

Vertical POWER 1850 MHz
dBi

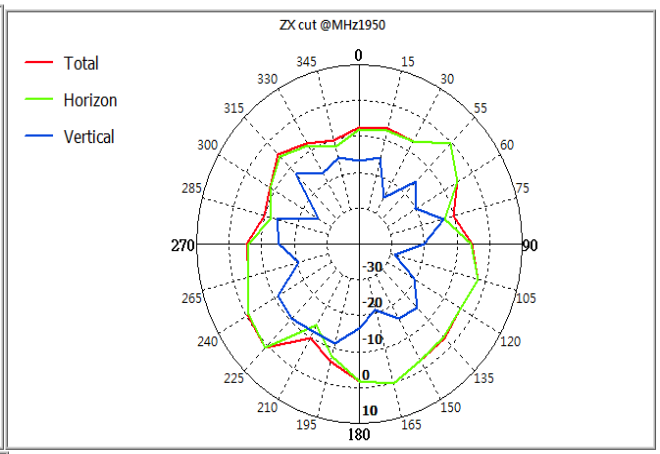

LHCP POWER 1850 MHz
+y
+z
+x
0
-4
-8
-12
-16
-20
-24
-28
-32
-36
-40
dBi

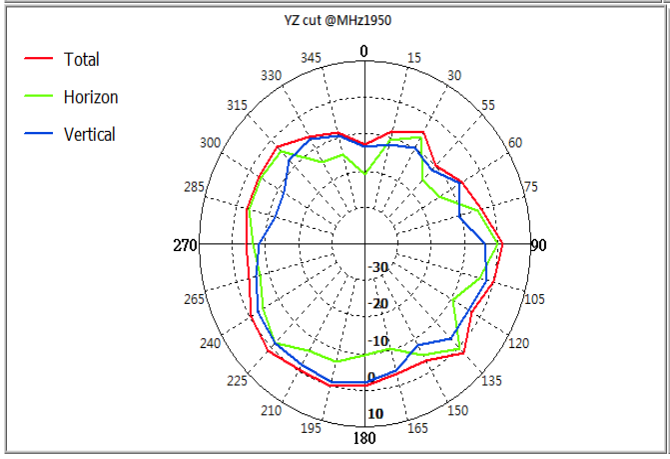

RHCP POWER 1850 MHz
+y
+z
+x
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

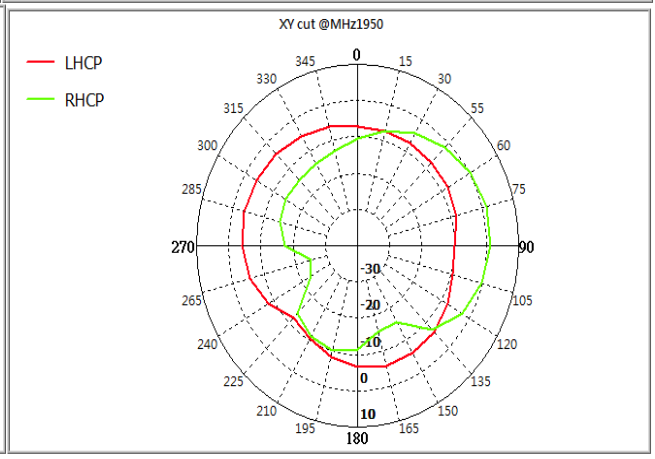

Total POWER 1850 MHz
+y
+z
+x
+10
+6
+2
-2
-6
-10
-14
-18
-22
-26
-30
dBi

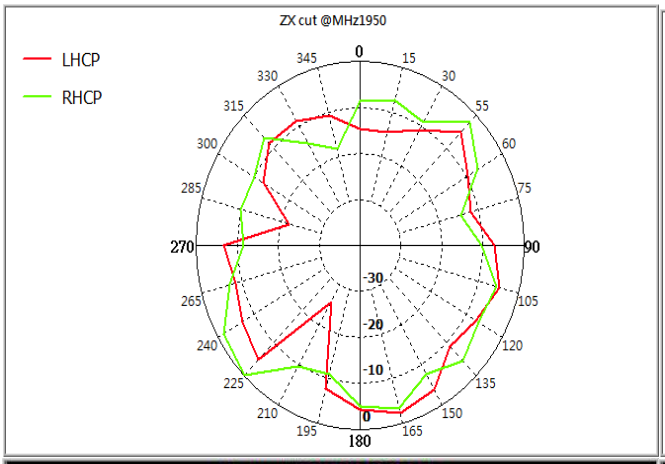
**1950Mhz:**

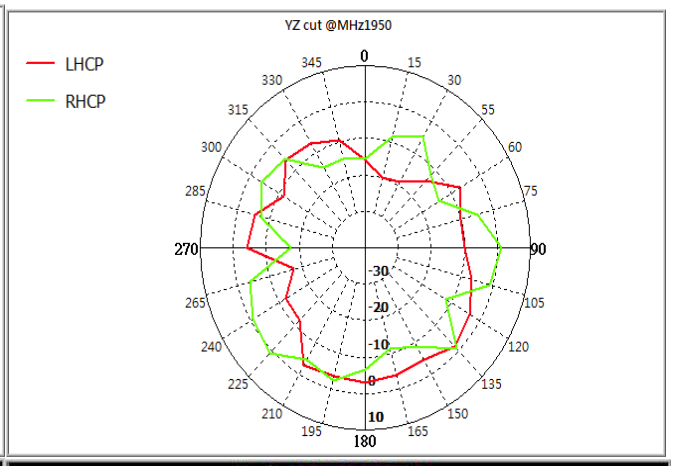

XY cut @MHz1950
Total
Horizon
Vertical

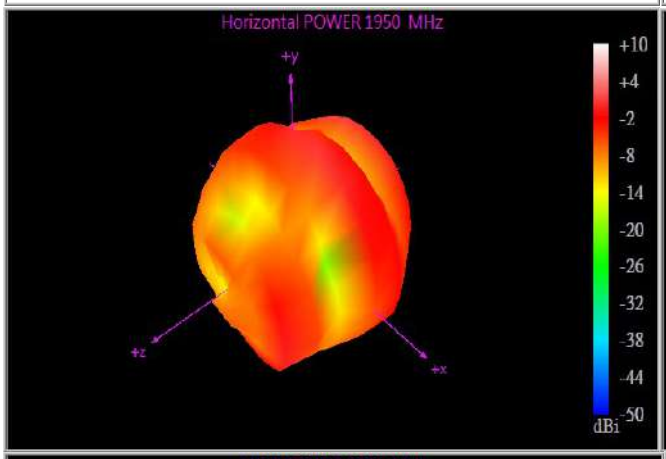

ZX cut @MHz1950
Total
Horizon
Vertical

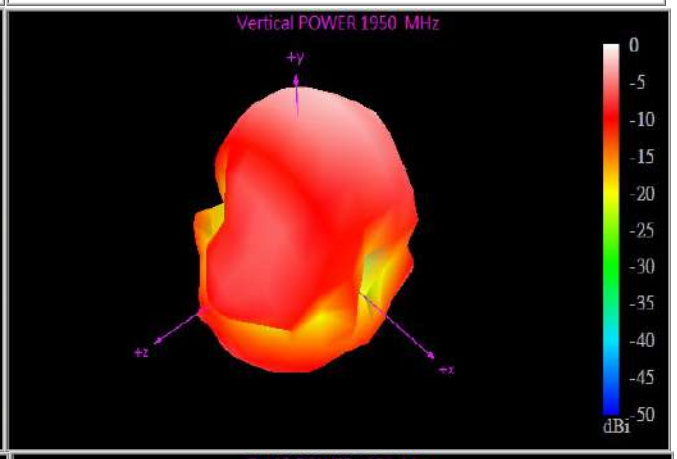

YZ cut @MHz1950
Total
Horizon
Vertical

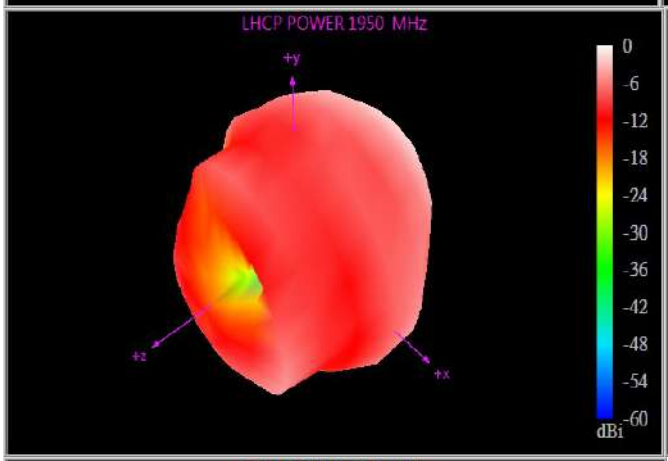

XY cut @MHz1950
LHCP
RHCP

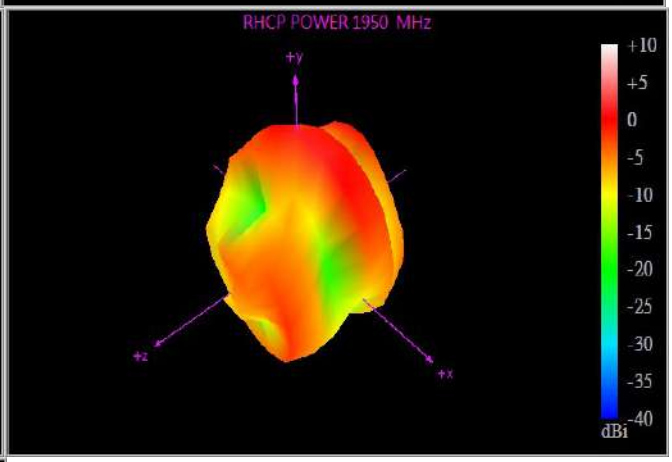

ZX cut @MHz1950
LHCP
RHCP
0
15
30
55
60
75
90
105
120
135
150
165
180
195
210
225
240
265
270
285
300
315
330
345
-30
-20
-10
0

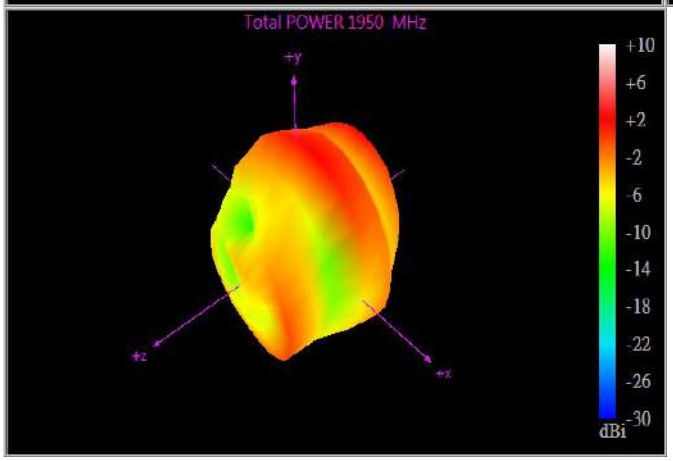

YZ cut @MHz1950
LHCP
RHCP
0
15
30
55
60
75
90
105
120
135
150
165
180
195
210
225
240
265
270
285
300
315
330
345
-30
-20
-10
0
10


Horizontal POWER 1950 MHz
+y
+z
+x
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

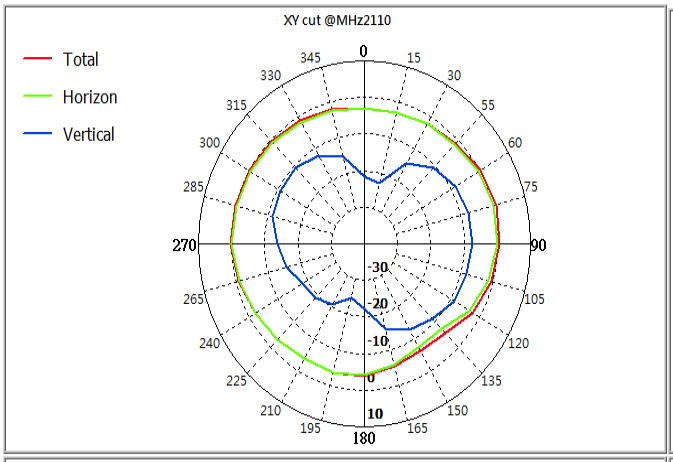

Vertical POWER 1950 MHz
+y
+z
+x
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
dBi

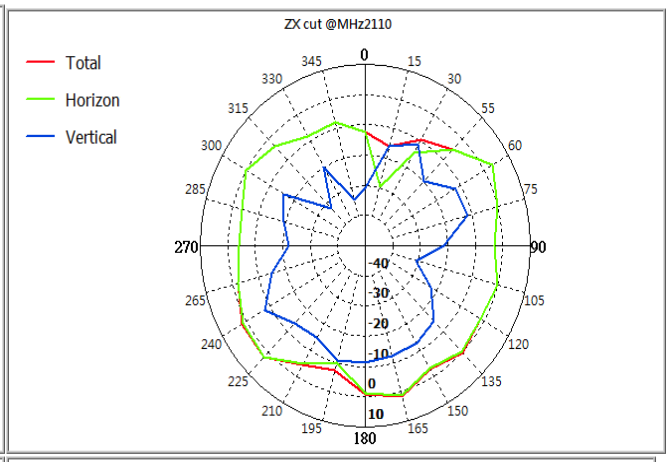

LHCP POWER 1950 MHz
+y
+z
+x
0
-6
-12
-18
-24
-30
-36
-42
-48
-54
-60
dBi

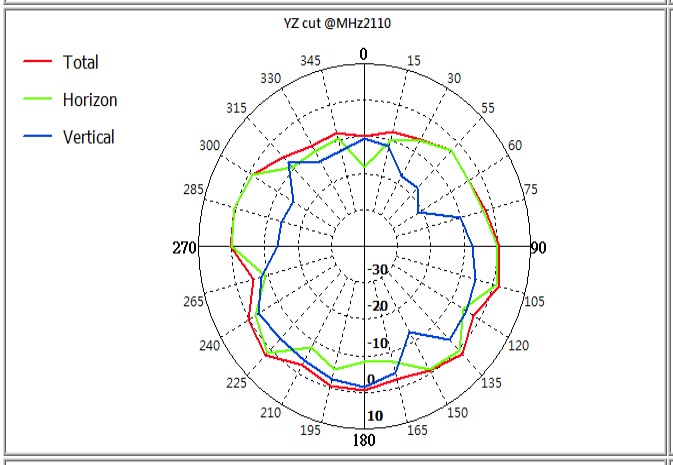

RHCP POWER 1950 MHz
+y
+z
+x
+10
+5
0
-5
-10
-15
-20
-25
-30
-35
-40
dBi

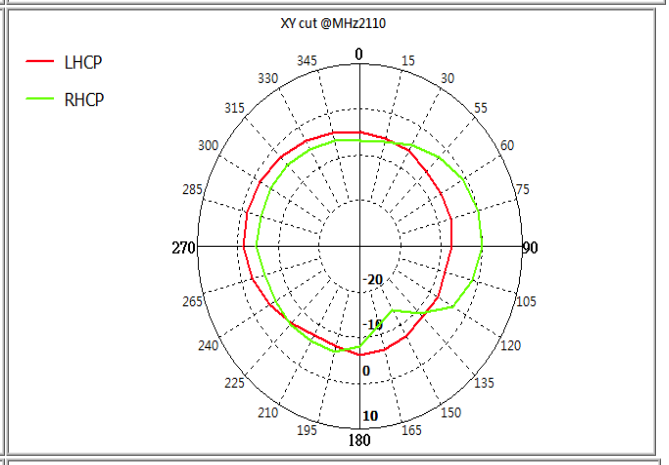

Total POWER 1950 MHz
+y
+z
+x
+10
+6
+2
-2
-6
-10
-14
-18
-22
-26
-30
dBi

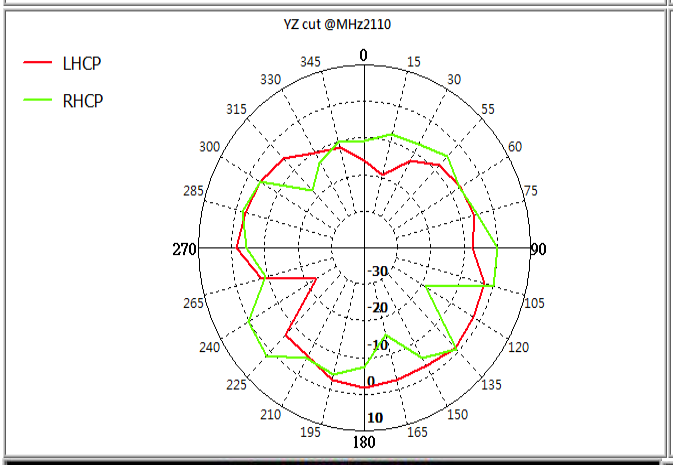
**2110Mhz:**

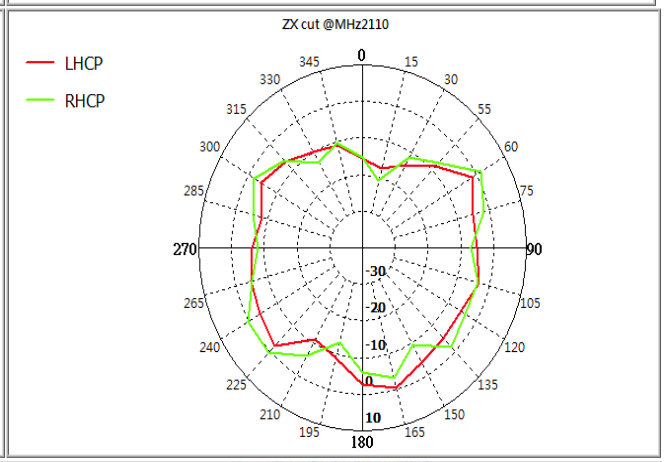

XY cut @MHz2110
Total
Horizon
Vertical

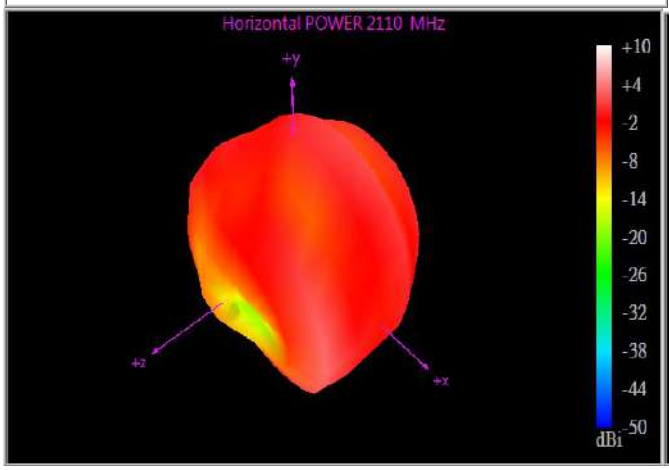

ZX cut @MHz2110
Total
Horizon
Vertical

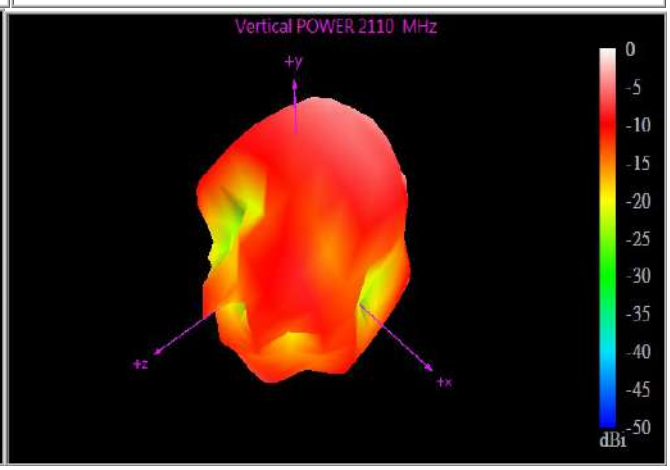

YZ cut @MHz2110
Total
Horizon
Vertical

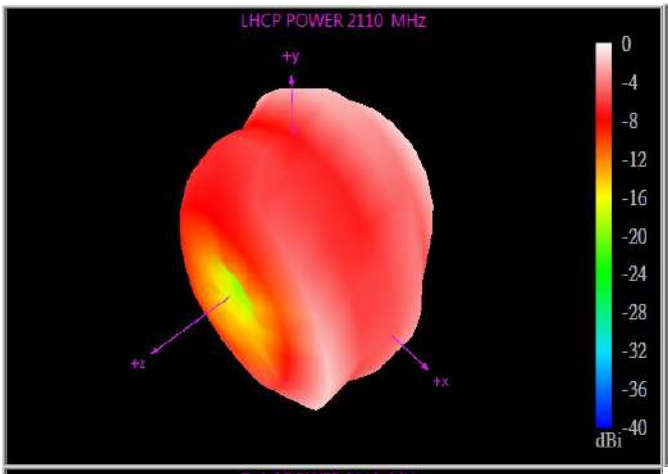

XY cut @MHz2110
LHCP
RHCP

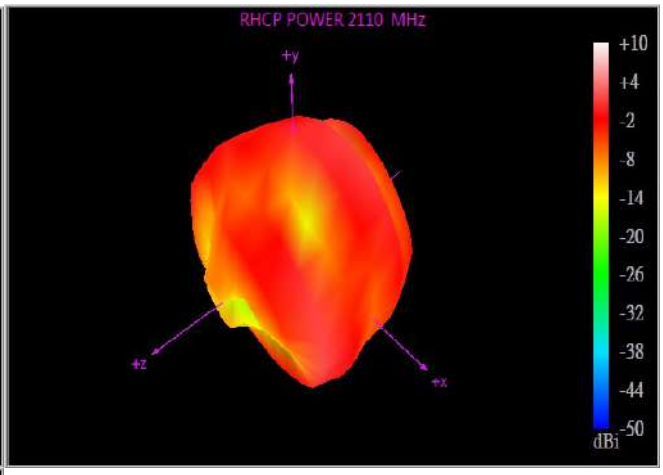

YZ cut @MHz2110
LHCP
RHCP

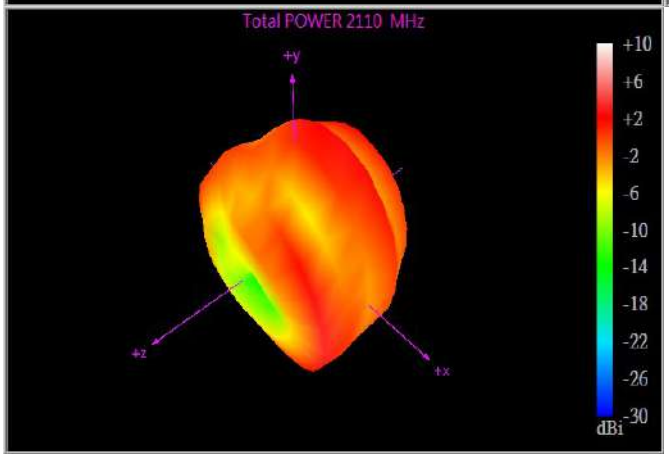

ZX cut @MHz2110
LHCP
RHCP


Horizontal POWER 2110 MHz
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

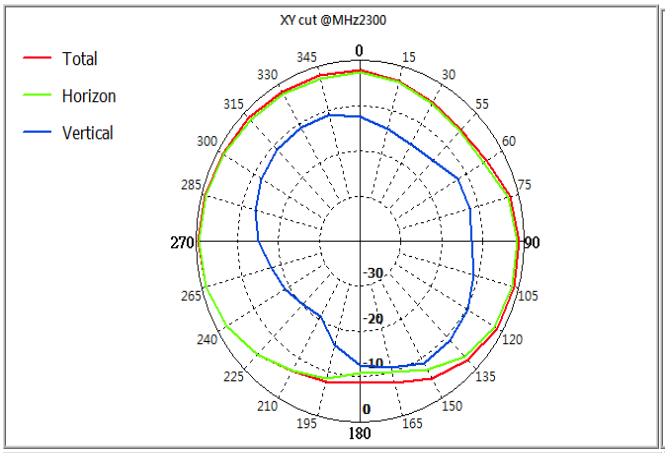

Vertical POWER 2110 MHz
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
dBi

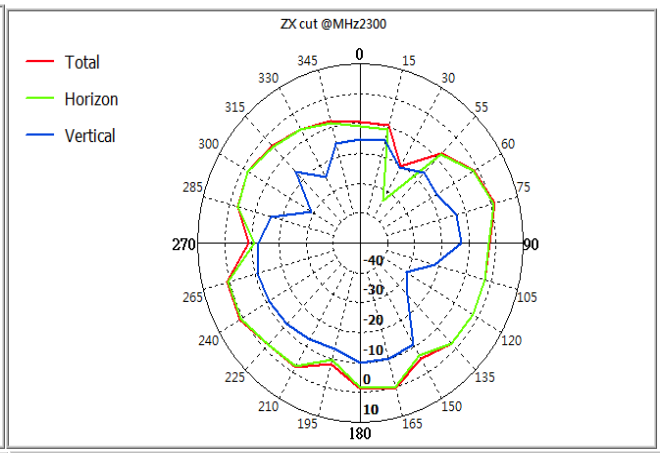

LHCP POWER 2110 MHz
+y
+z
+x
0
-4
-8
-12
-16
-20
-24
-28
-32
-36
-40
dBi

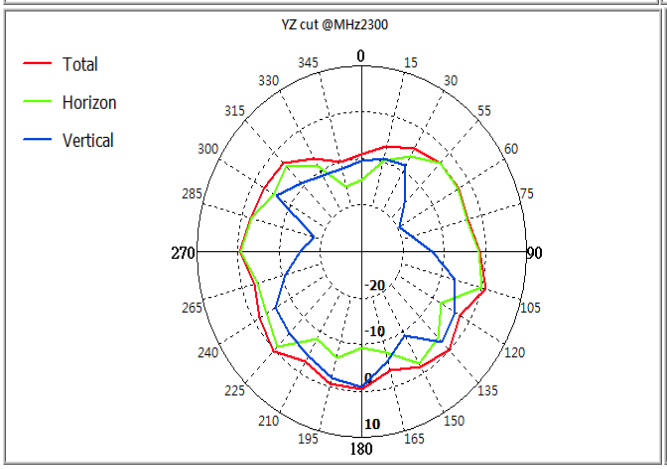

RHCP POWER 2110 MHz
+y
+z
+x
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

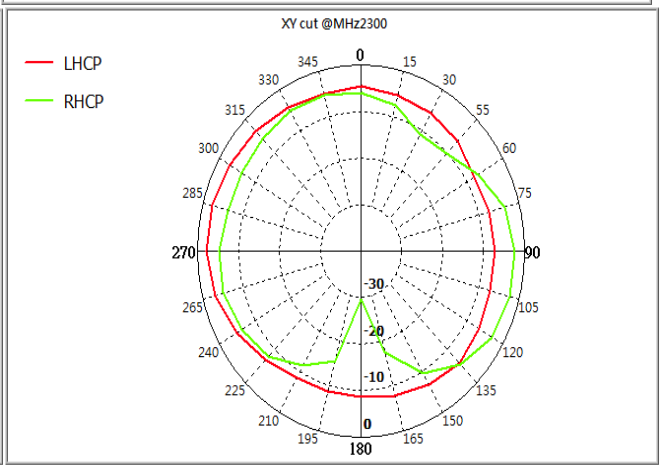

Total POWER 2110 MHz
+y
+z
+x
+10
+6
+2
-2
-6
-10
-14
-18
-22
-26
-30
dBi

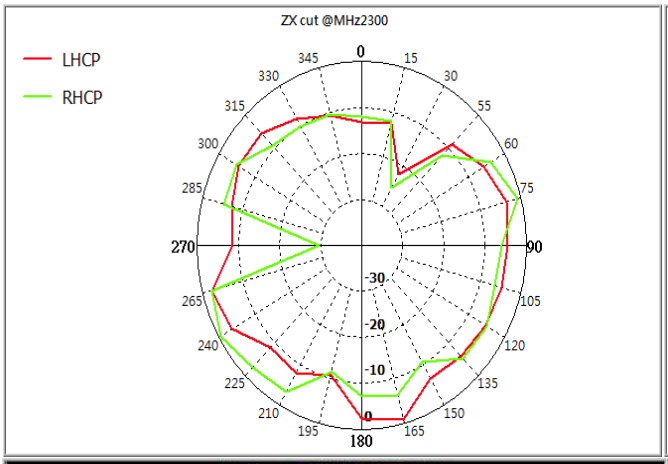
**2300Mhz:**

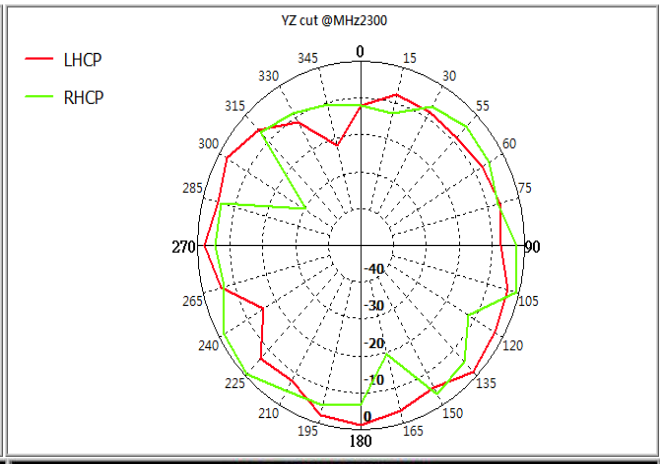

XY cut @MHz2300
Total
Horizon
Vertical

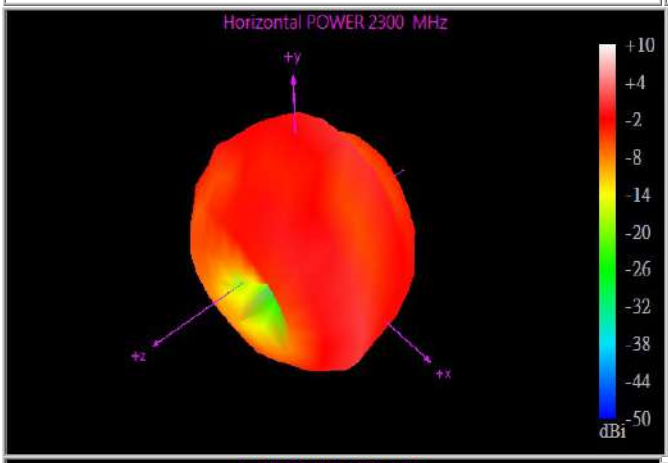

ZX cut @MHz2300
Total
Horizon
Vertical

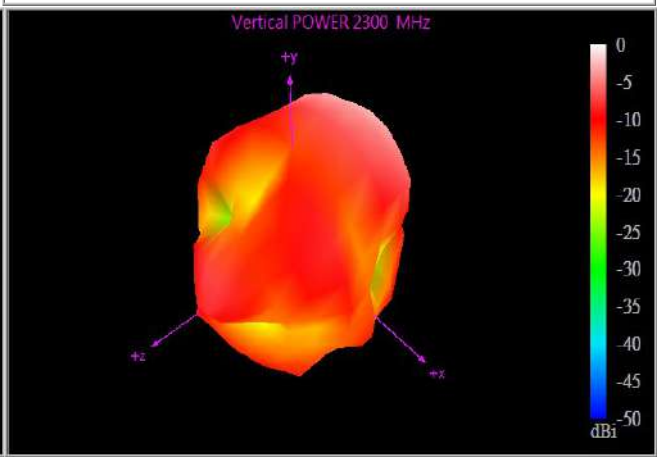

YZ cut @MHz2300
Total
Horizon
Vertical

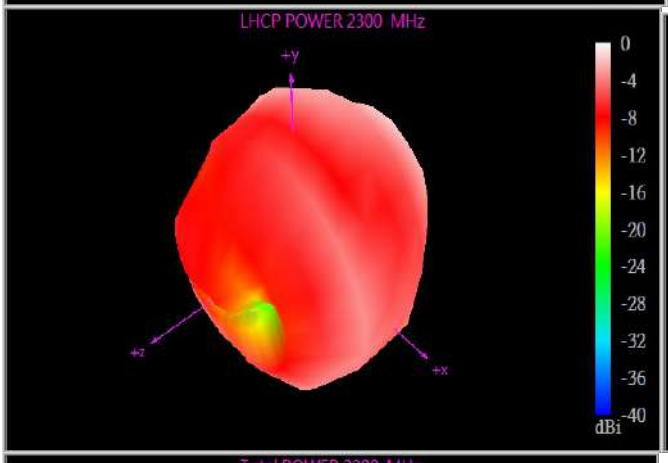

XY cut @MHz2300
LHCP
RHCP

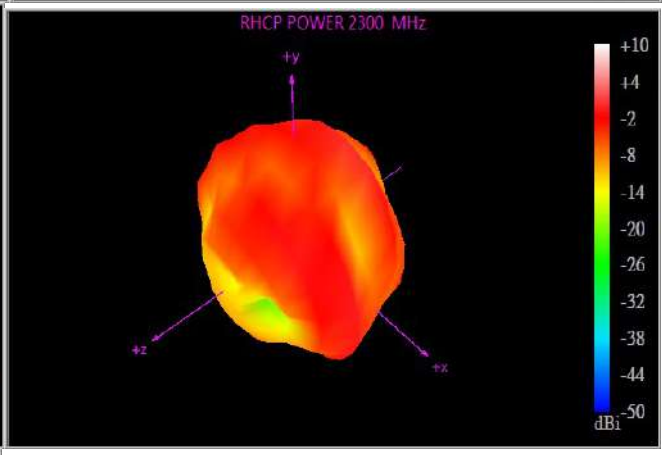

ZX cut @MHz2300
LHCP
RHCP
0
15
30
55
60
75
90
105
120
135
150
165
180
195
210
225
240
265
270
285
300
315
330
345
-30
-20
-10
0

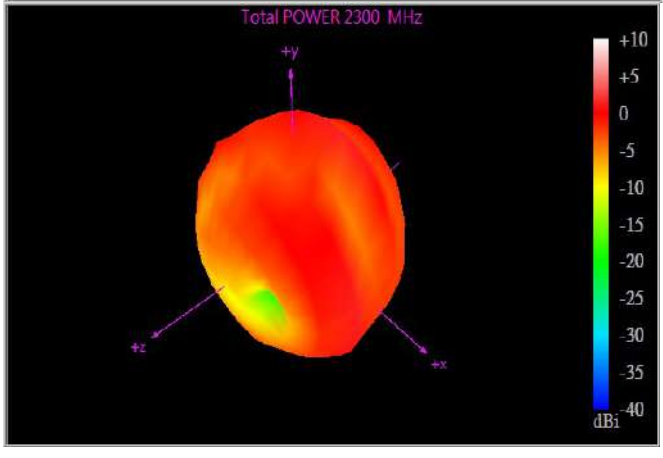

YZ cut @MHz2300
LHCP
RHCP
0
15
30
55
60
75
90
105
120
135
150
165
180
195
210
225
240
265
270
285
300
315
330
345
-40
-30
-20
-10
0


Horizontal POWER 2300 MHz
+y
+z
+x
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

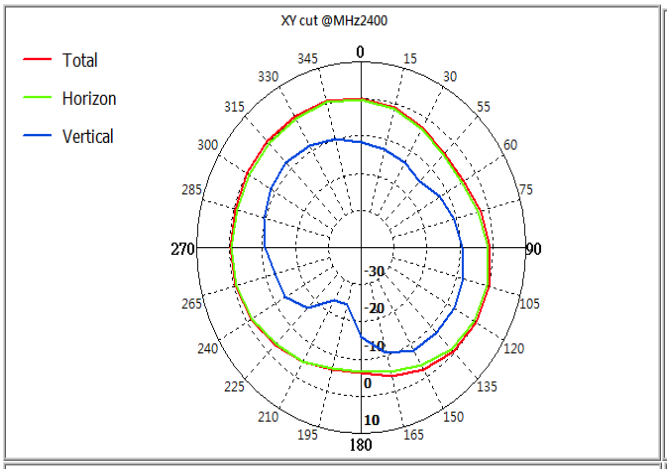

Vertical POWER 2300 MHz
+y
+z
+x
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
dBi

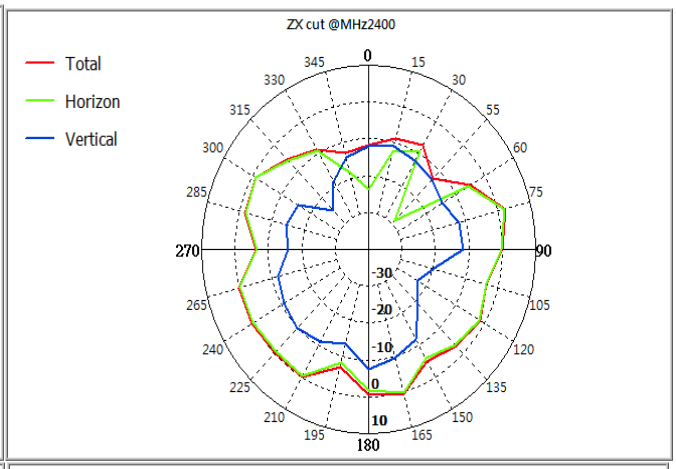

LHCP POWER 2300 MHz
+y
+z
+x
0
-4
-8
-12
-16
-20
-24
-28
-32
-36
-40
dBi

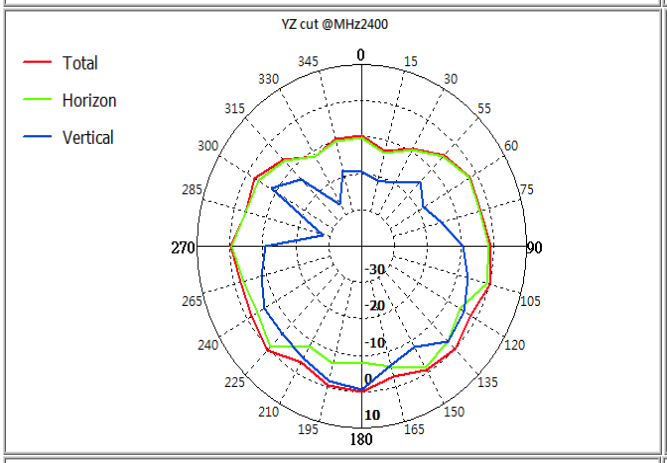

RHCP POWER 2300 MHz
+y
+z
+x
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

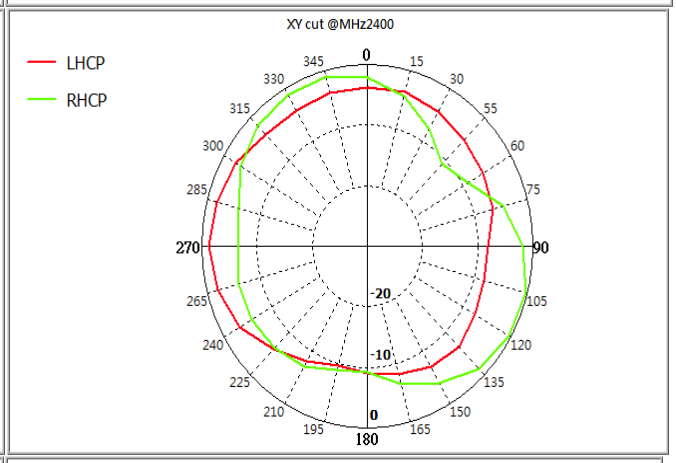

Total POWER 2300 MHz
+y
+z
+x
+10
+5
0
-5
-10
-15
-20
-25
-30
-35
-40
dBi

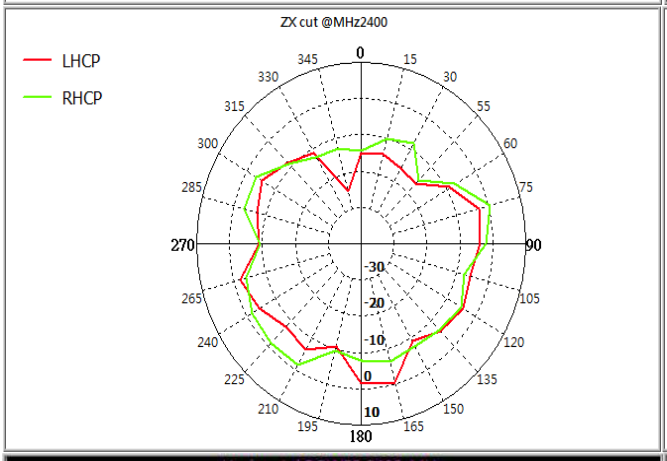
**2400Mhz:**

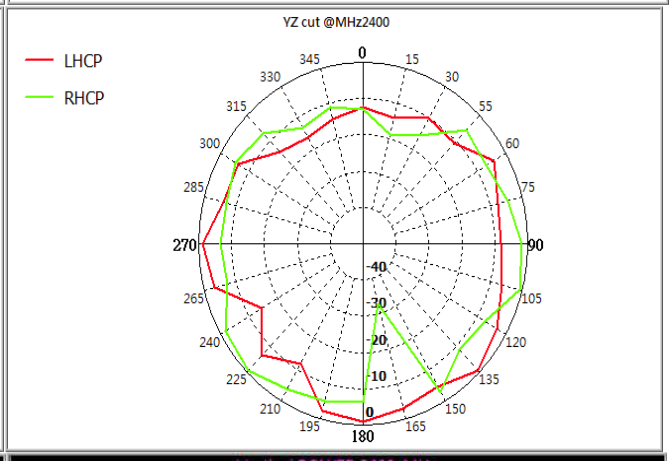

XY cut @MHz2400
Total
Horizon
Vertical

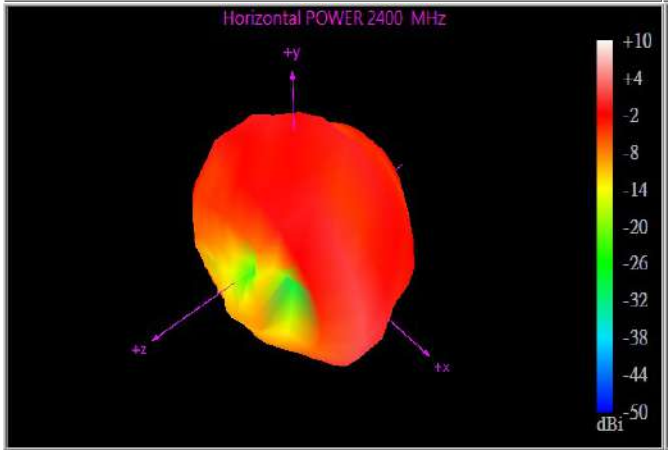

ZX cut @MHz2400
Total
Horizon
Vertical

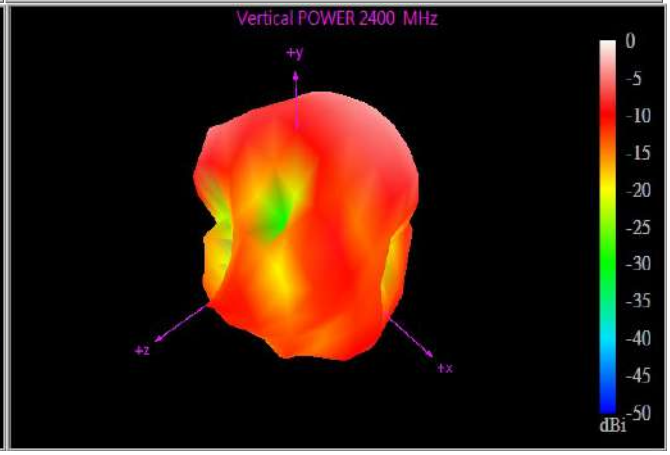

YZ cut @MHz2400
Total
Horizon
Vertical

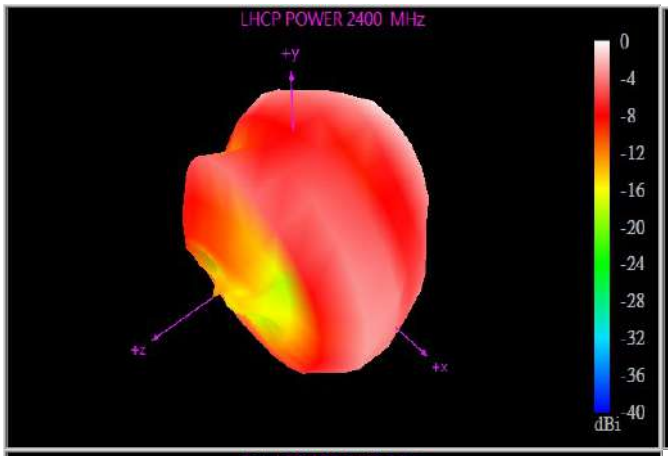

XY cut @MHz2400
LHCP
RHCP

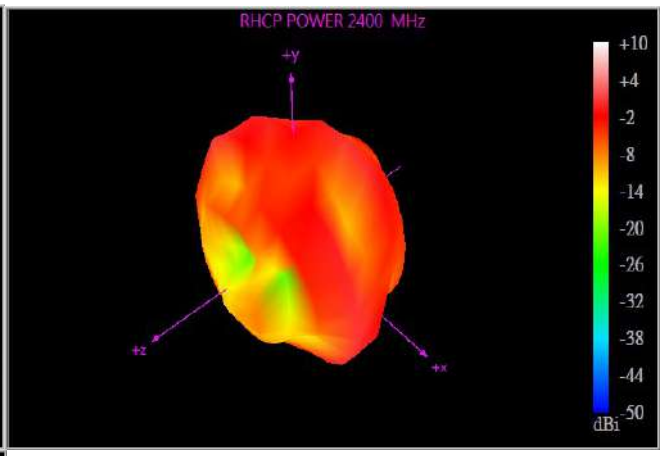

ZX cut @MHz2400
LHCP
RHCP

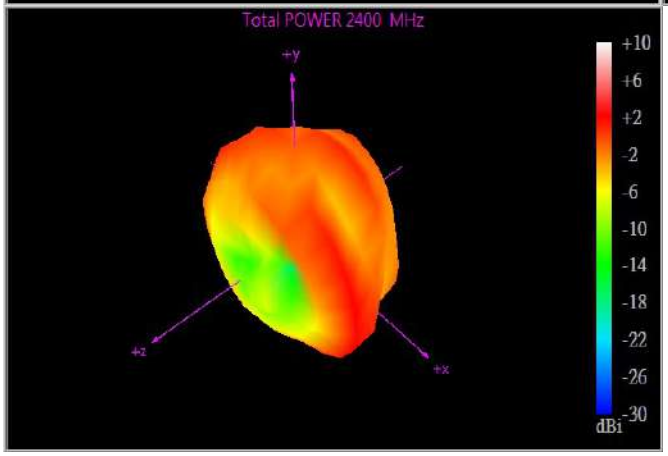

YZ cut @MHz2400
LHCP
RHCP


Horizontal POWER 2400 MHz
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

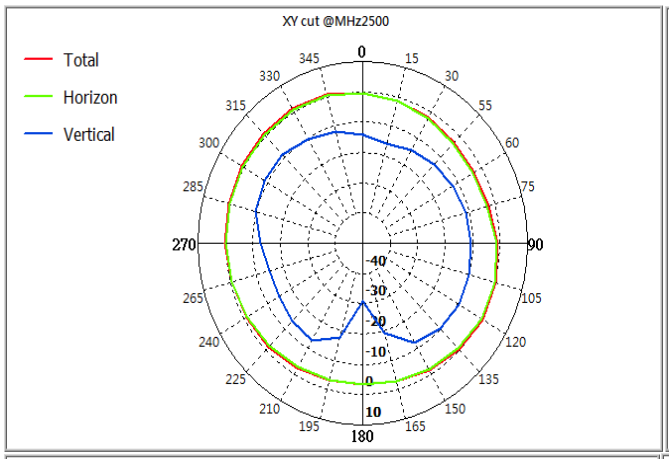

Vertical POWER 2400 MHz
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
dBi

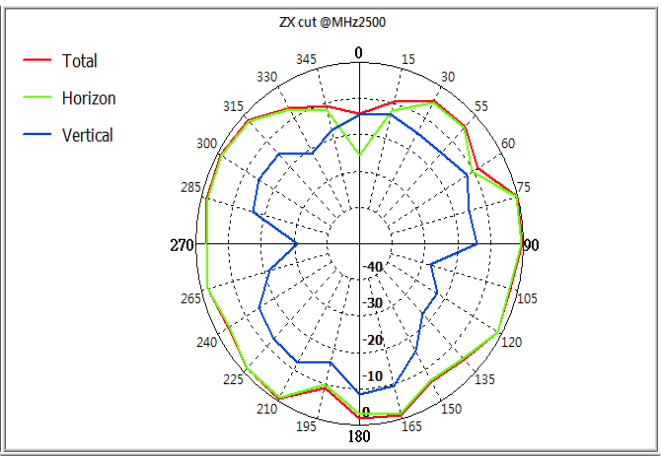

LHCP POWER 2400 MHz
+y
+z
+x
0
-4
-8
-12
-16
-20
-24
-28
-32
-36
-40
dBi

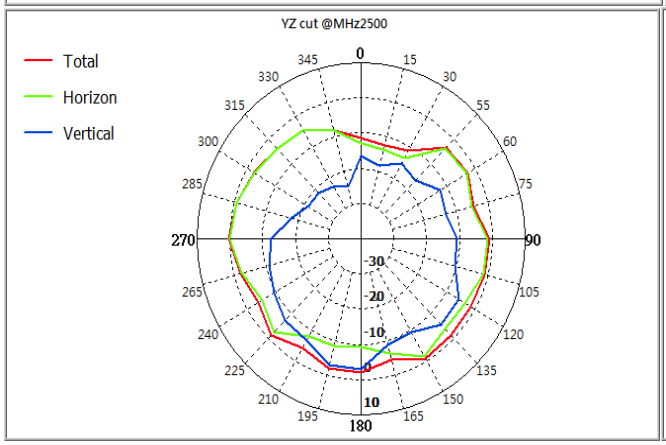

RHCP POWER 2400 MHz
+y
+z
+x
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

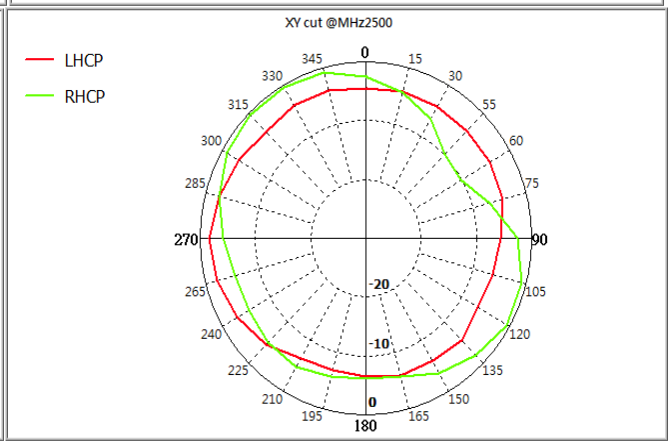

Total POWER 2400 MHz
+y
+z
+x
+10
+6
+2
-2
-6
-10
-14
-18
-22
-26
-30
dBi

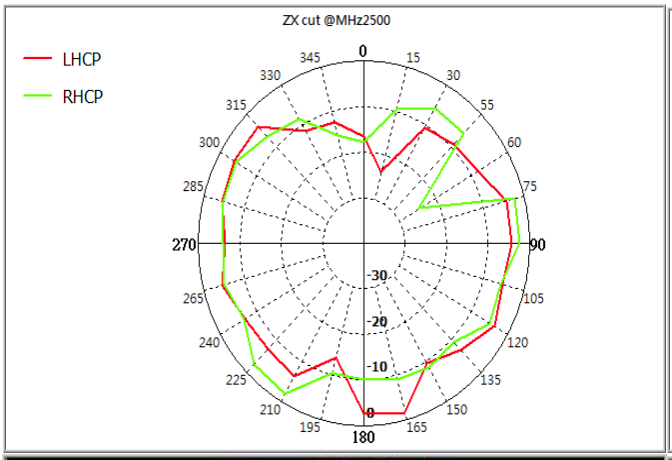
**2500Mhz:**

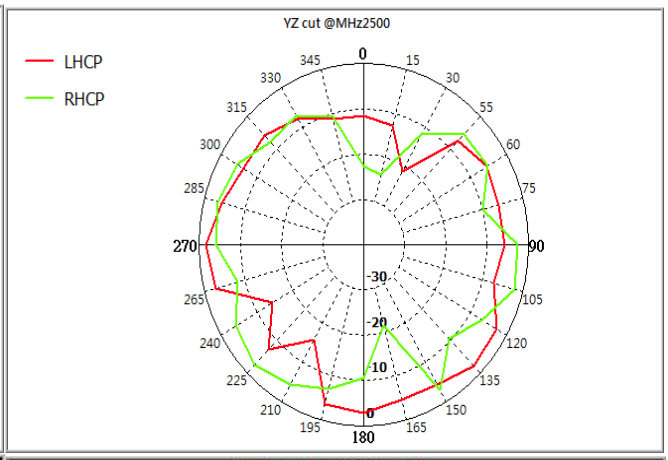

XY cut @MHz2500
Total
Horizon
Vertical

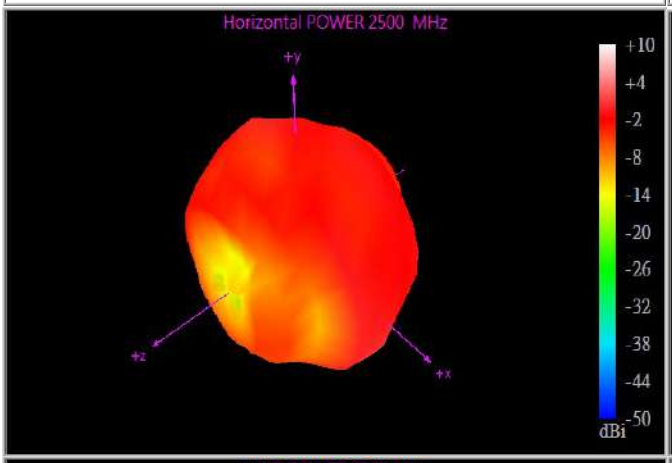

ZX cut @MHz2500
Total
Horizon
Vertical

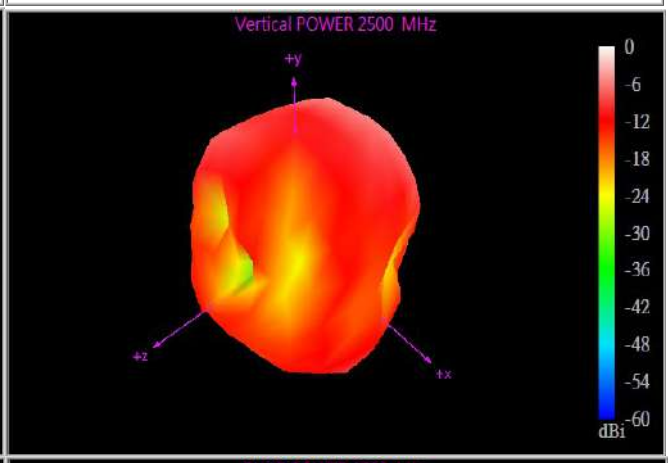

YZ cut @MHz2500
Total
Horizon
Vertical

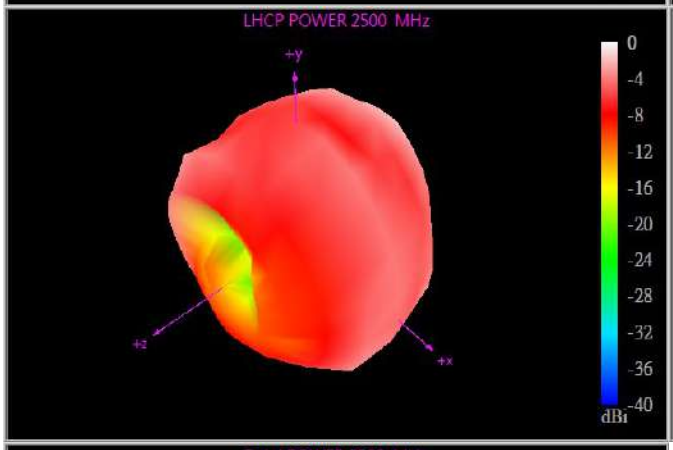

XY cut @MHz2500
LHCP
RHCP

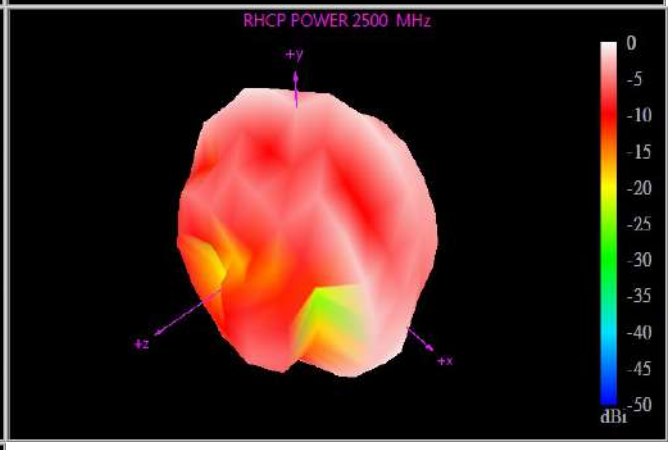

ZX cut @MHz2500
LHCP
RHCP
0
15
30
55
60
75
90
105
120
135
150
165
180
195
210
225
240
265
270
285
300
315
330
345
-30
-20
-10
0

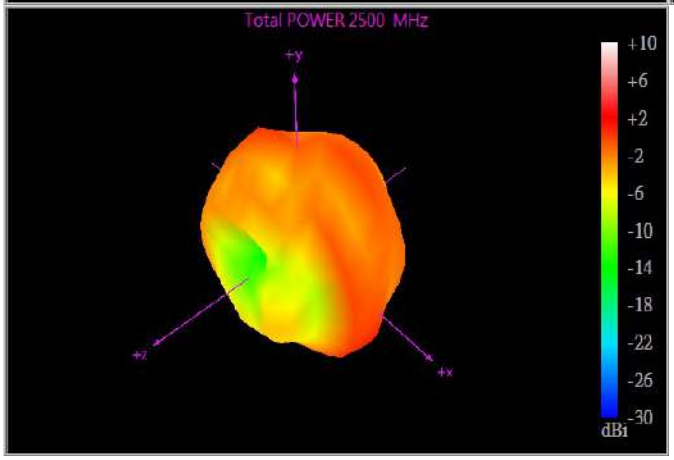

YZ cut @MHz2500
LHCP
RHCP
0
15
30
55
60
75
90
105
120
135
150
165
180
195
210
225
240
265
270
285
300
315
330
345
-30
-20
10
0


Horizontal POWER 2500 MHz
+y
+z
+x
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi

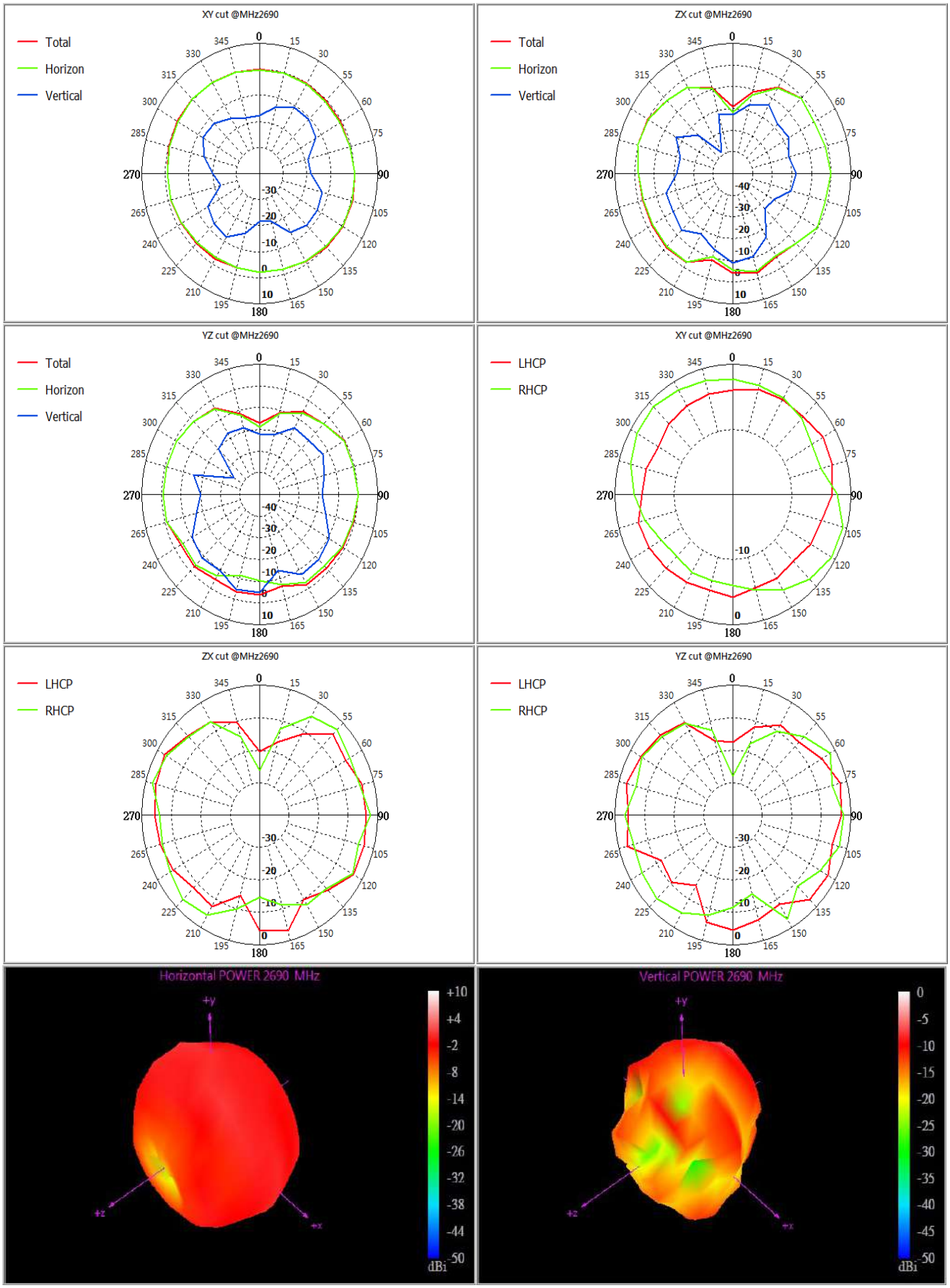

Vertical POWER 2500 MHz
+y
+z
+x
0
-6
-12
-18
-24
-30
-36
-42
-48
-54
-60
dBi

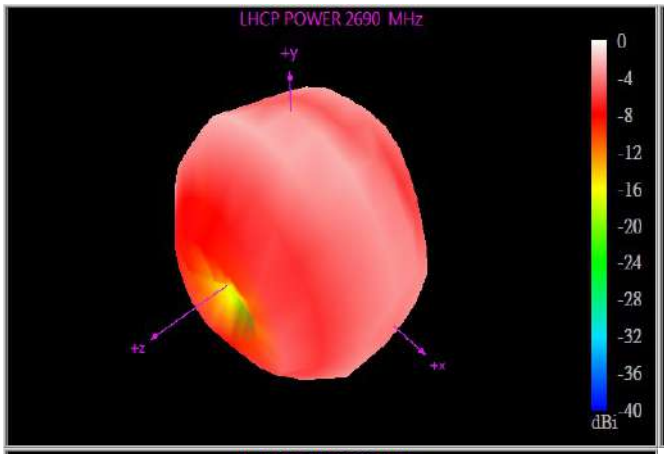

LHCP POWER 2500 MHz
+y
+z
+x
0
-4
-8
-12
-16
-20
-24
-28
-32
-36
-40
dBi

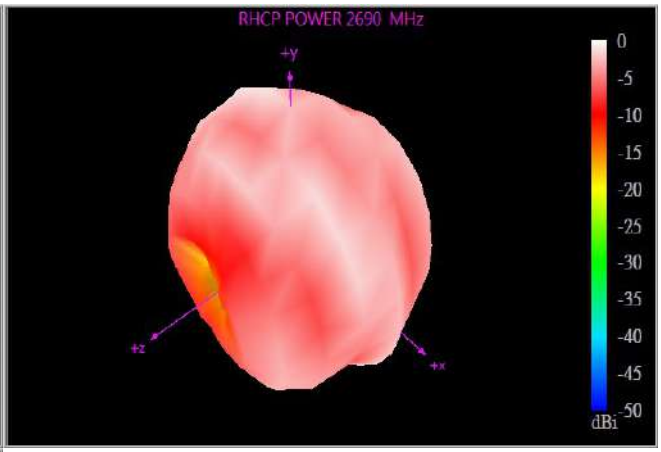

RHCP POWER 2500 MHz
+y
+z
+x
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
dBi

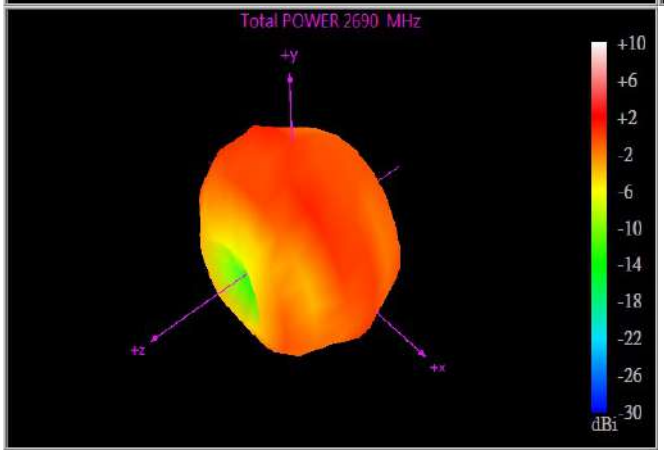

Total POWER 2500 MHz
+y
+z
+x
+10
+6
+2
-2
-6
-10
-14
-18
-22
-26
-30
dBi

**2690Mhz:**

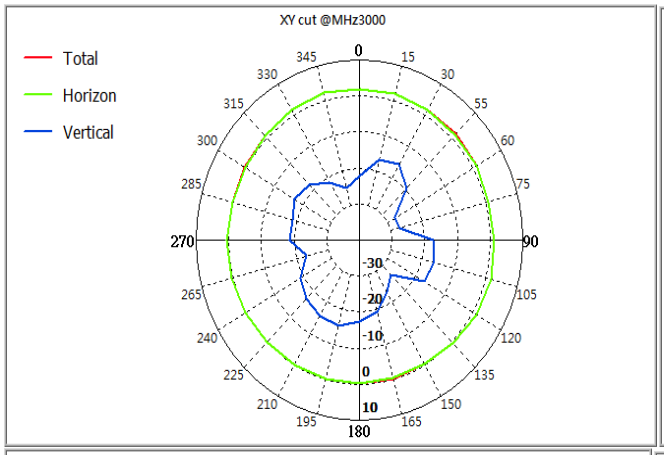

XY cut @MHz2690
Total
Horizon
Vertical
ZX cut @MHz2690
Total
Horizon
Vertical
YZ cut @MHz2690
Total
Horizon
Vertical
XY cut @MHz2690
LHCP
RHCP
ZX cut @MHz2690
LHCP
RHCP
YZ cut @MHz2690
LHCP
RHCP
Horizontal POWER 2690 MHz
+10
+4
-2
-8
-14
-20
-26
-32
-38
-44
-50
dBi
Vertical POWER 2690 MHz
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
dBi

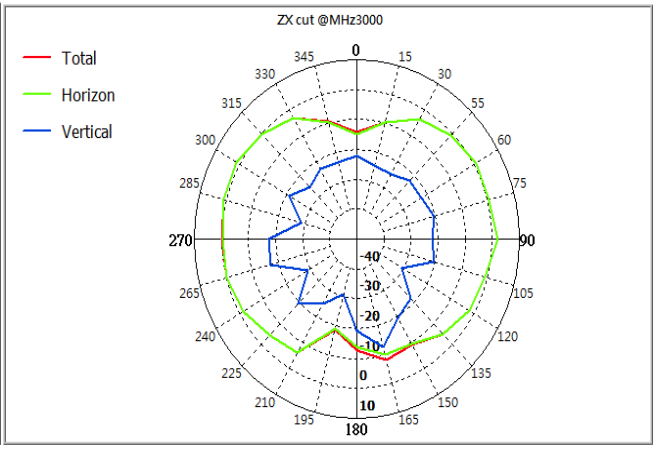

LHCP POWER 2690 MHz
+y
+z
+x
0
-4
-8
-12
-16
-20
-24
-28
-32
-36
-40
dBi

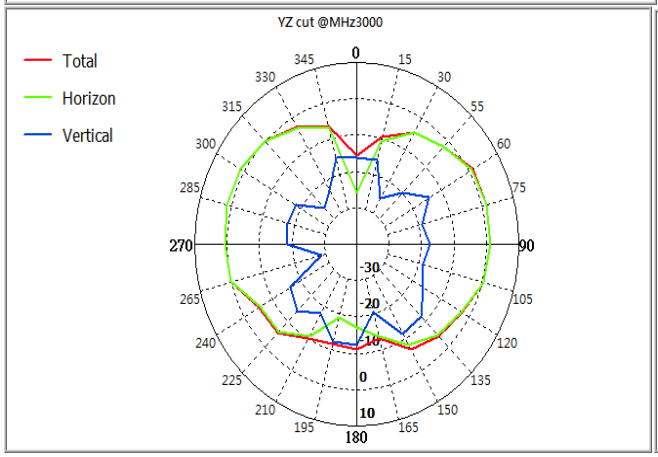

RHCP POWER 2690 MHz
+y
+z
+x
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
dBi

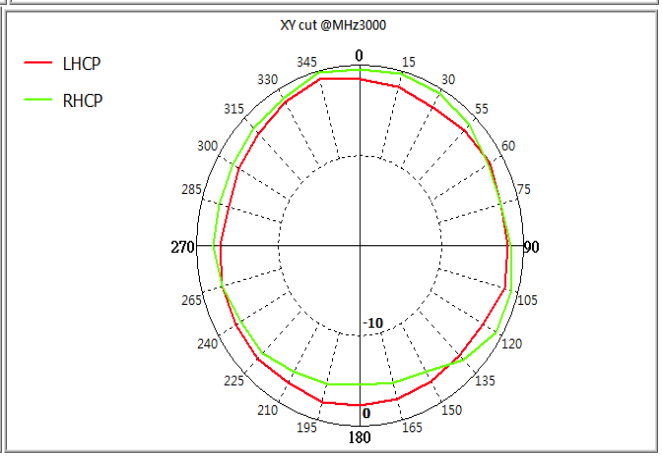

Total POWER 2690 MHz
+y
+z
+x
+10
+6
+2
-2
-6
-10
-14
-18
-22
-26
-30
dBi

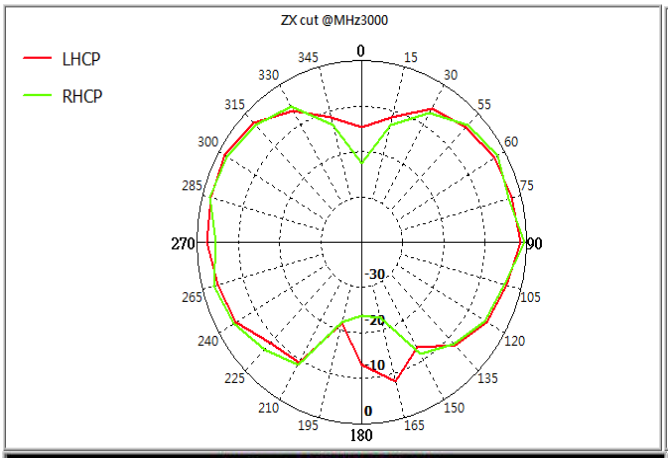
**3000Mhz:**

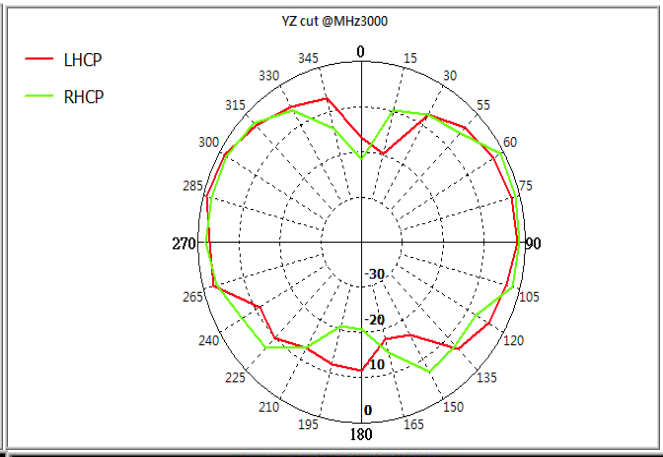

XY cut @MHz3000
Total
Horizon
Vertical

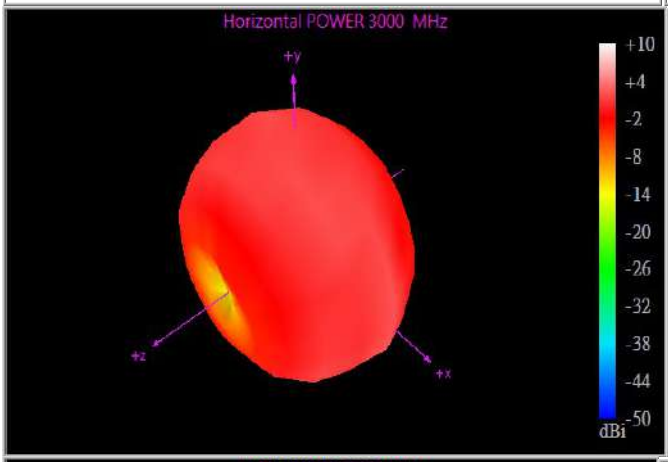

ZX cut @MHz3000
Total
Horizon
Vertical

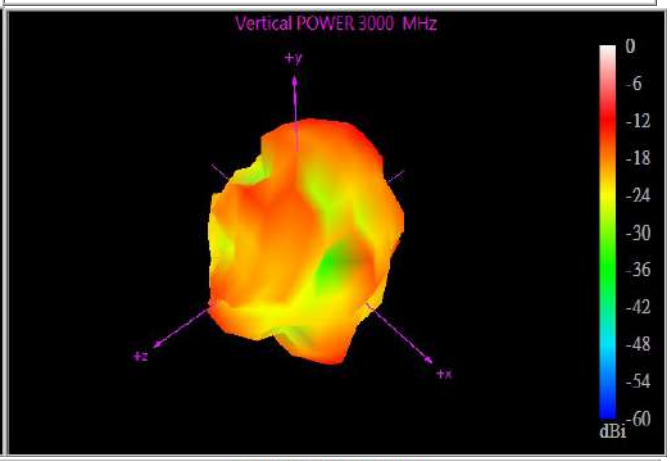

YZ cut @MHz3000
Total
Horizon
Vertical

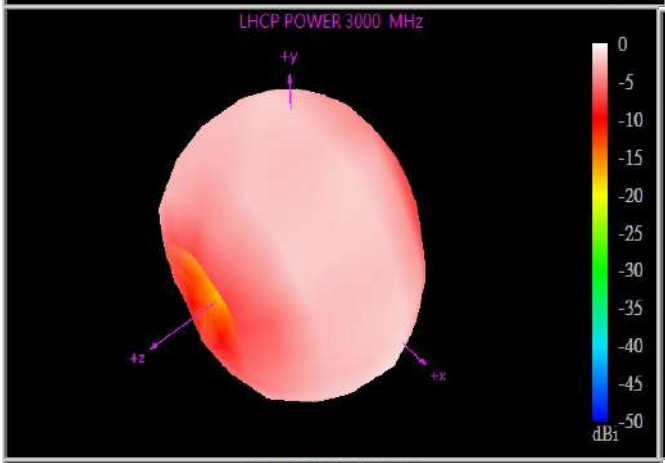

XY cut @MHz3000
LHCP
RHCP

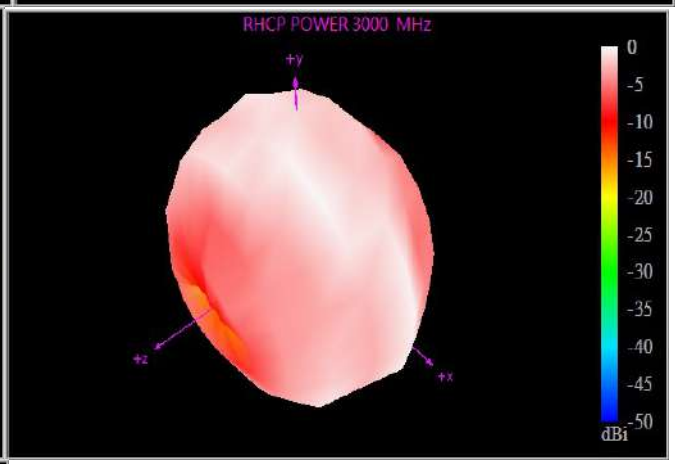

ZX cut @MHz3000
LHCP
RHCP
0
15
30
55
60
75
90
105
120
135
150
165
180
195
210
225
240
265
270
285
300
315
330
345
-30
-20
-10
0


YZ cut @MHz3000
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


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


Vertical POWER 3000 MHz
+y
+z
+x
0
-6
-12
-18
-24
-30
-36
-42
-48
-54
-60
dBi


LHCP POWER 3000 MHz
+y
+z
+x
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
dBi


RHCP POWER 3000 MHz
+y
+z
+x
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
dBi


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