

3.3~6Ghz Gooseneck Antenna

MODEL: TH-3360-TNC(M)



1. GENERAL DESCRIPTION

| Model No | P/N |
|----------|---------------|
| TH-3360 | TH3360-TNC(M) |

Below is a table summarizing the antenna design specification.

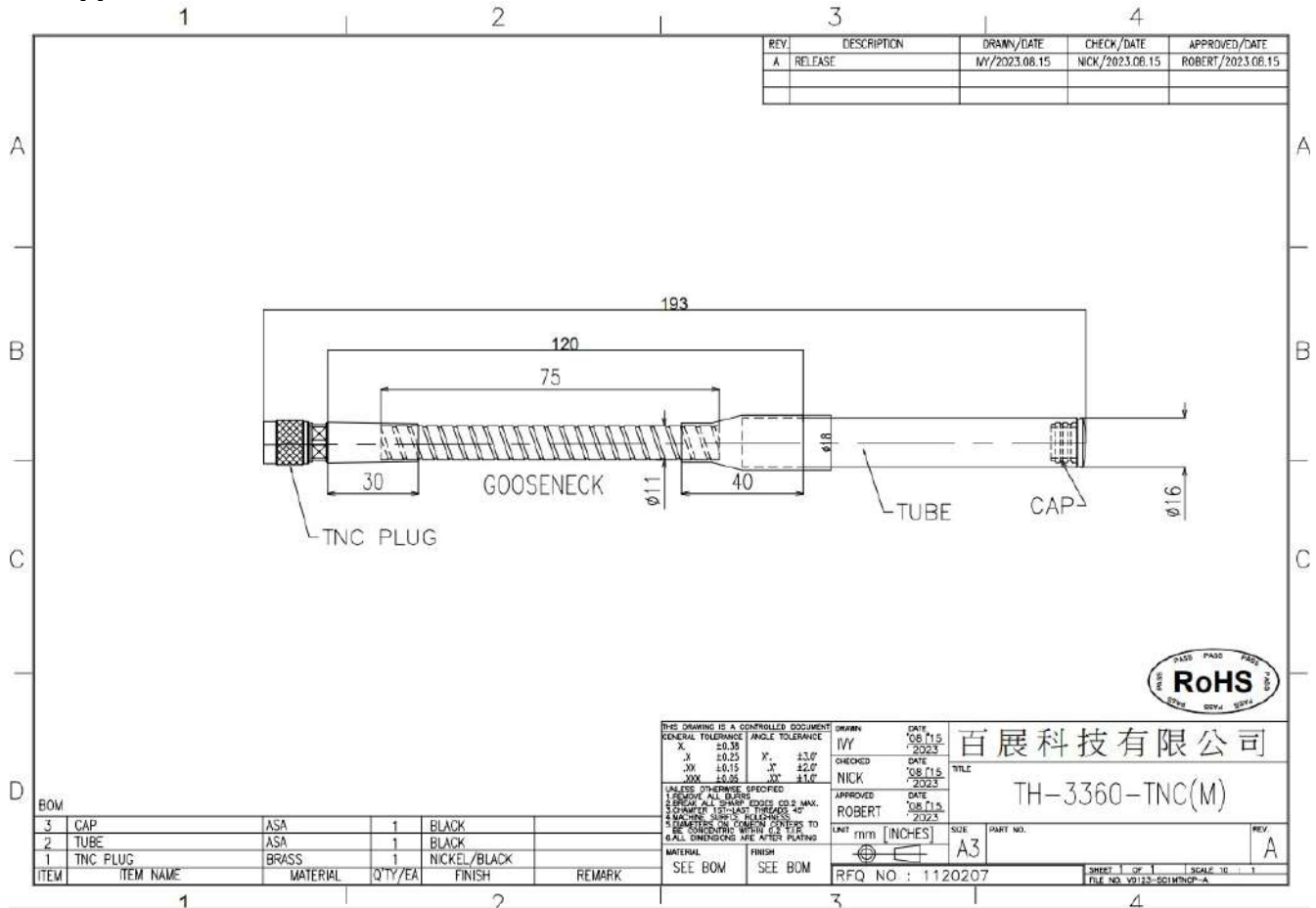
1.1 Electrical Properties

| Parameter | Description |
|-------------------|-------------------|
| Frequency Band | 3.3~6GHz |
| Nominal Impedance | 50 ohm |
| Polarization | Vertical |
| Electrical Wave | Dipole |
| Return Loss | Please See Data-1 |
| V.S.W.R | 2.0 : 1 |
| Gain | 2.5db |

1.2 Mechanical Properties

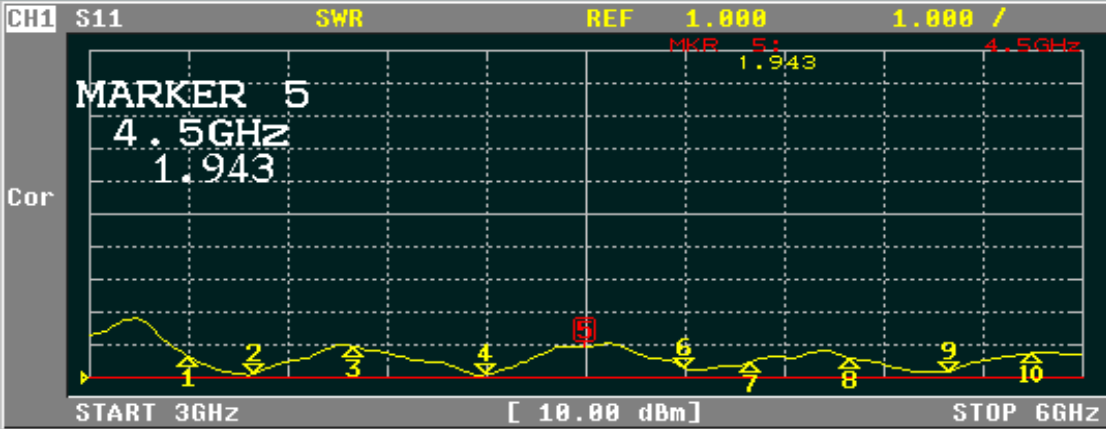
| Parameter | Description |
|-----------------------------|------------------|
| Antenna Type | External Antenna |
| Touch Type | Screw Type |
| Connector Type | TNC(Male) |
| Antenna Dimensions | 193mm \pm 15 |
| Antenna Color | Black |
| Operating Temperature Range | -40°C~+85°C |
| Storage Temperature Range | -40°C~+85°C |

2. Appearance



3. Frequency





ACTIVATE MARKER

MARKER 1

MARKER 2

MARKER 3

MARKER 4

MARKER 5

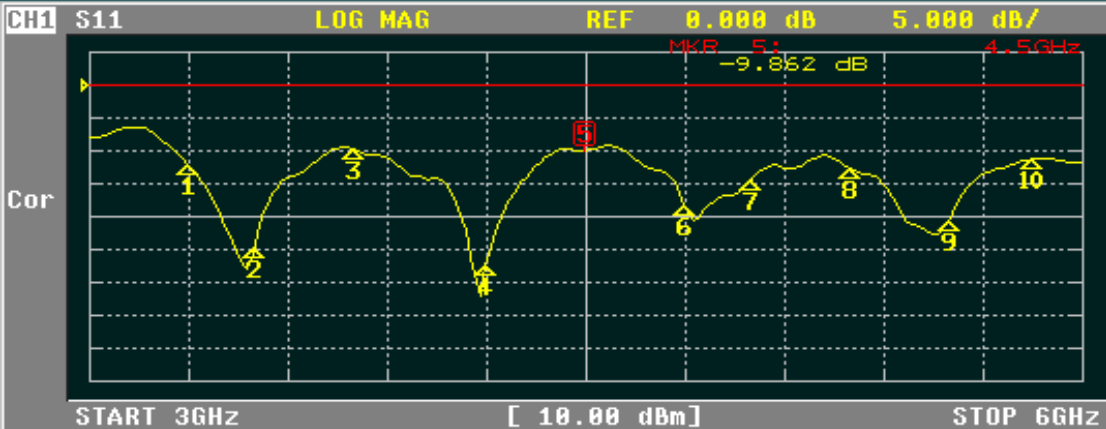
ACTIVATE MKR OFF

Return

More 1/2

CH1 MARKER LIST

| | | |
|-----|--------------|-------|
| 1: | 3.300 000GHZ | 1.660 |
| 2: | 3.500 000GHZ | 1.132 |
| 3: | 3.800 000GHZ | 1.948 |
| 4: | 4.200 000GHZ | 1.091 |
| 5: | 4.500 000GHZ | 1.943 |
| 6: | 4.800 000GHZ | 1.277 |
| 7: | 5.000 000GHZ | 1.470 |
| 8: | 5.300 000GHZ | 1.606 |
| 9: | 5.600 000GHZ | 1.212 |
| 10: | 5.850 000GHZ | 1.753 |



FORMAT

LOG MAG

PHASE

DELAY

SMITH (R+jX)

SMITH (G+jB)

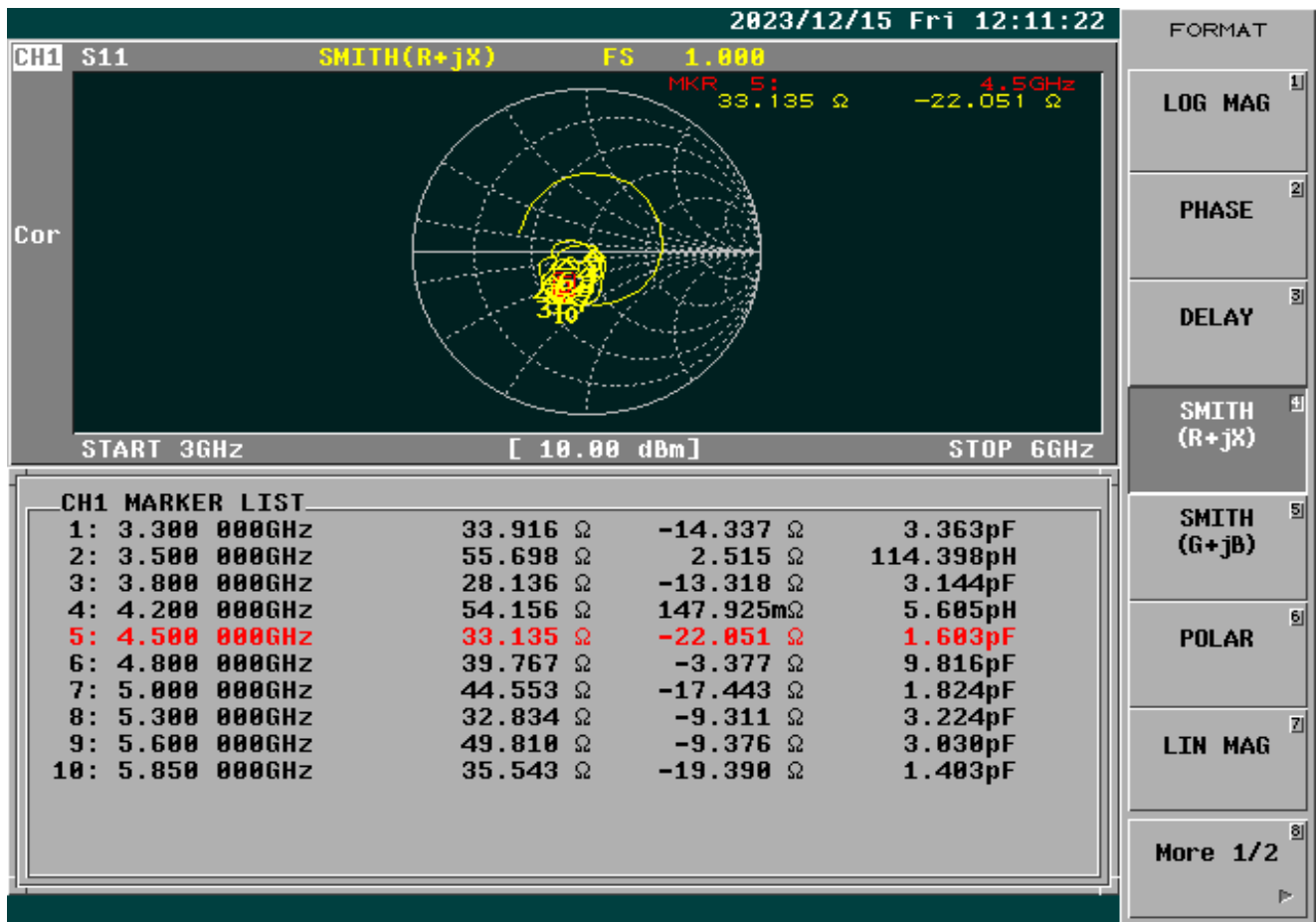
POLAR

LIN MAG

More 1/2

CH1 MARKER LIST

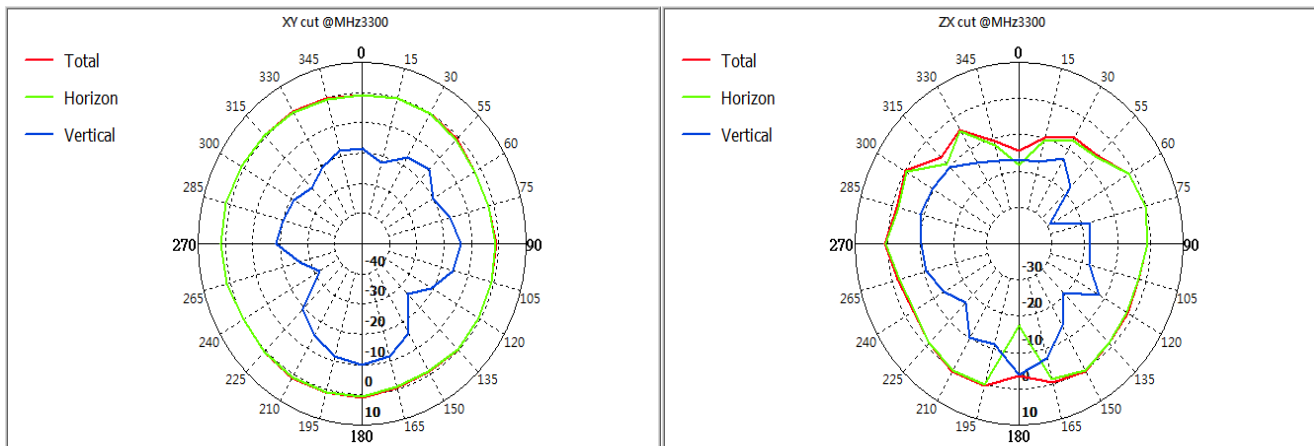
| | | |
|-----|--------------|------------|
| 1: | 3.300 000GHZ | -11.986 dB |
| 2: | 3.500 000GHZ | -24.580 dB |
| 3: | 3.800 000GHZ | -9.818 dB |
| 4: | 4.200 000GHZ | -27.560 dB |
| 5: | 4.500 000GHZ | -9.835 dB |
| 6: | 4.800 000GHZ | -18.211 dB |
| 7: | 5.000 000GHZ | -14.425 dB |
| 8: | 5.300 000GHZ | -12.642 dB |
| 9: | 5.600 000GHZ | -20.602 dB |
| 10: | 5.850 000GHZ | -11.191 dB |

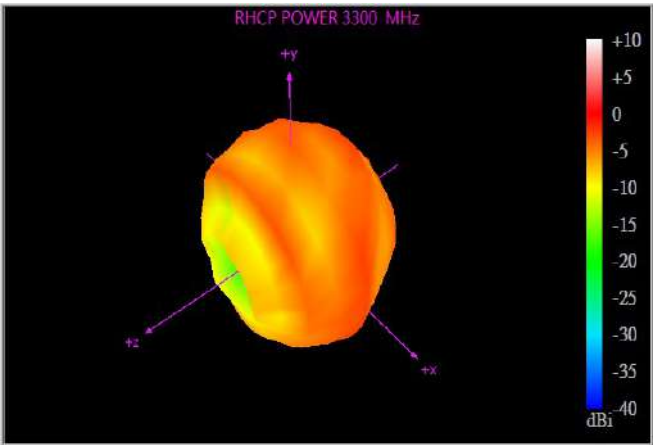
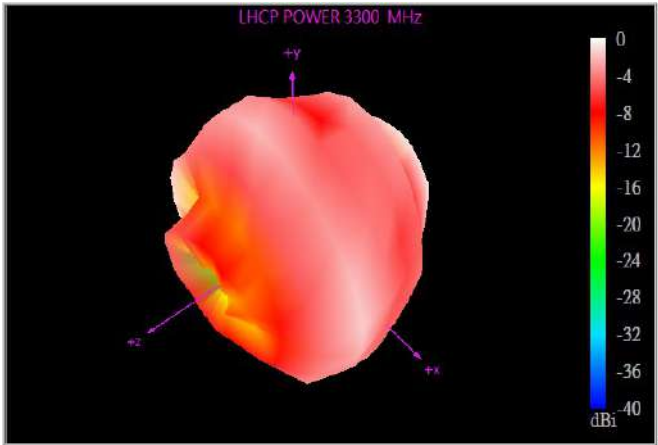
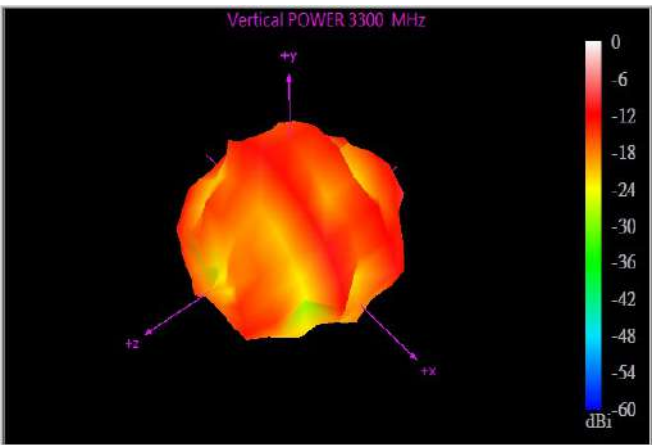
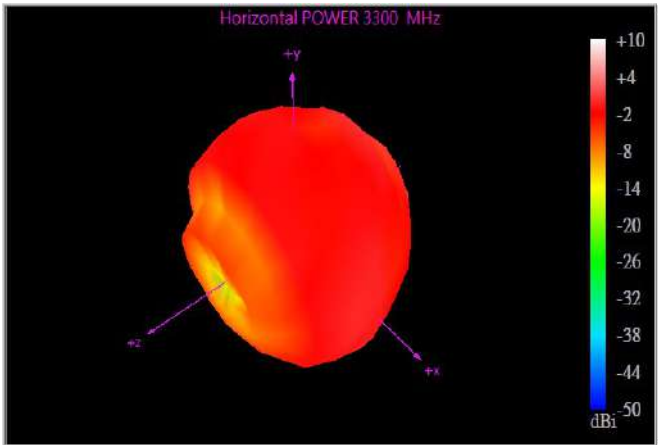
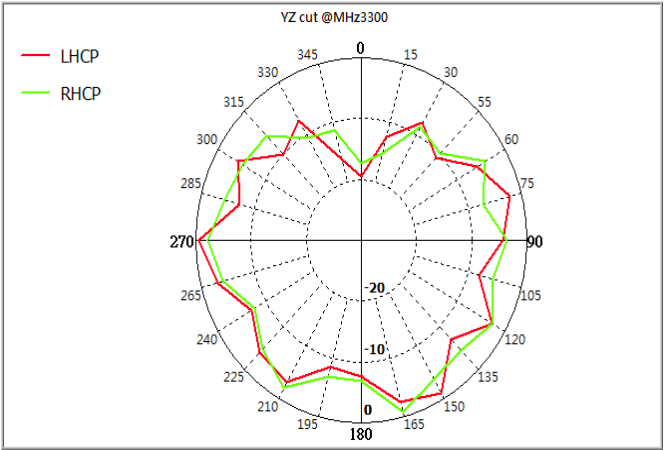
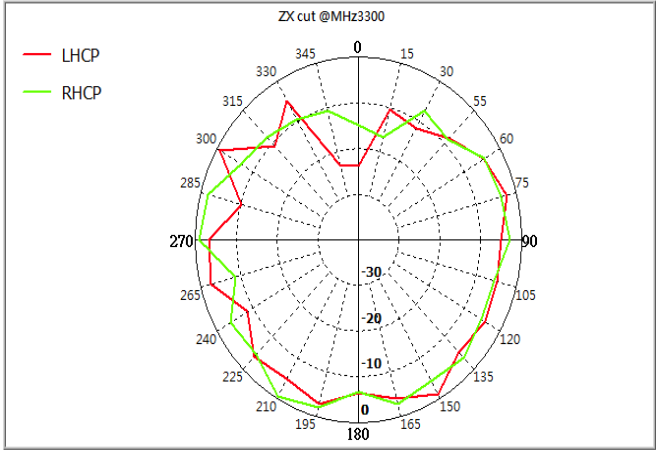
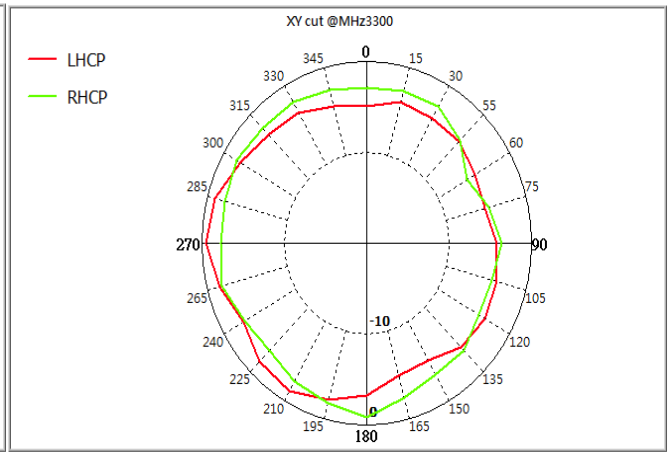
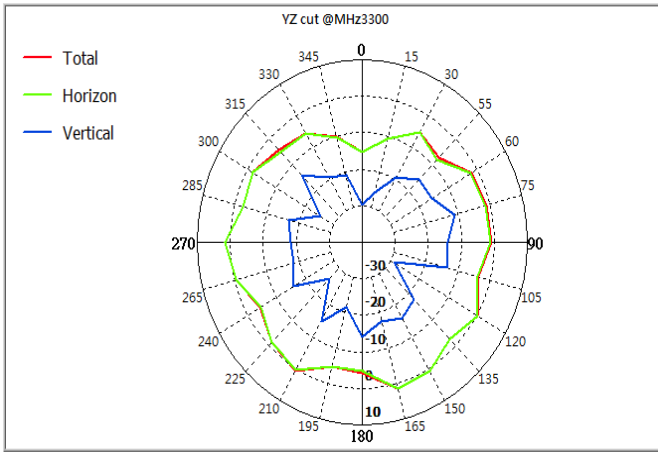


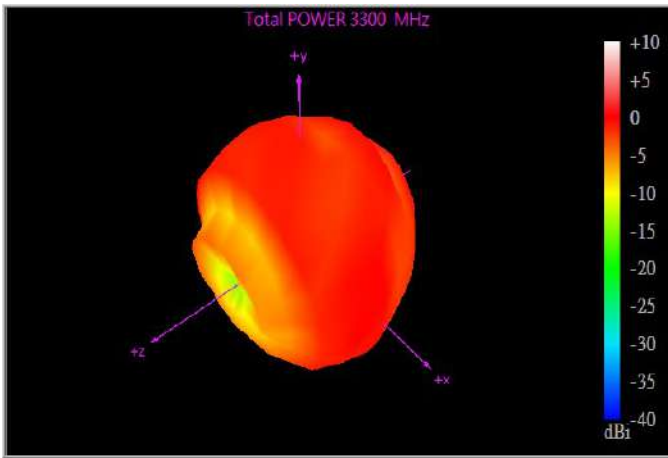
3D Total

| Frequency (MHz) | Upper Hem. PRP (dBm) | Lower HEM. PRP (dBm) | Efficiency (dB) | Efficiency (%) | Gain (dBi) | Tot. Rad.Pwr. (dBm) |
|-----------------|----------------------|----------------------|-----------------|----------------|------------|---------------------|
| 3300 MHz | -5.59 | -4.47 | -1.98 | 63.32 | 1.97 | -1.98 |
| 3350 MHz | -4.47 | -3.28 | -0.82 | 82.75 | 3.49 | -0.82 |
| 3450 MHz | -5.06 | -3.54 | -1.22 | 75.45 | 3.22 | -1.22 |
| 3500 MHz | -5.41 | -3.65 | -1.43 | 71.95 | 2.93 | -1.43 |
| 3550 MHz | -6.48 | -4.65 | -2.46 | 56.74 | 2.15 | -2.46 |
| 3650 MHz | -5.13 | -2.77 | -0.78 | 83.51 | 4.22 | -0.78 |
| 3700 MHz | -7.41 | -4.70 | -2.83 | 52.08 | 2.98 | -2.83 |
| 3750 MHz | -7.81 | -4.66 | -2.94 | 50.78 | 3.19 | -2.94 |
| 3800 MHz | -8.80 | -5.43 | -3.78 | 41.85 | 2.70 | -3.78 |
| 3850 MHz | -7.89 | -4.52 | -2.87 | 51.59 | 3.53 | -2.87 |
| 4400 MHz | -6.73 | -3.37 | -1.72 | 67.24 | 3.30 | -1.72 |
| 4550 MHz | -8.20 | -5.19 | -3.43 | 45.39 | 2.53 | -3.43 |
| 4600 MHz | -8.39 | -5.40 | -3.63 | 43.35 | 2.37 | -3.63 |
| 4650 MHz | -8.08 | -4.96 | -3.23 | 47.49 | 2.81 | -3.23 |
| 4750 MHz | -7.81 | -3.97 | -2.47 | 56.67 | 4.66 | -2.47 |
| 4850 MHz | -7.36 | -3.21 | -1.80 | 66.06 | 5.58 | -1.80 |
| 4900 MHz | -7.88 | -3.82 | -2.38 | 57.79 | 5.29 | -2.38 |
| 5150 MHz | -8.35 | -4.90 | -3.28 | 46.96 | 2.85 | -3.28 |
| 5350 MHz | -8.88 | -5.15 | -3.61 | 43.52 | 2.64 | -3.61 |
| 5470 MHz | -9.19 | -4.71 | -3.39 | 45.82 | 2.92 | -3.39 |
| 5600 MHz | -8.51 | -4.28 | -2.89 | 51.40 | 3.12 | -2.89 |
| 5725 MHz | -7.12 | -4.43 | -2.56 | 55.47 | 2.27 | -2.56 |
| 5850 MHz | -7.17 | -5.18 | -3.05 | 49.56 | 1.39 | -3.05 |
| 5900 MHz | -5.61 | -3.76 | -1.57 | 69.58 | 2.60 | -1.57 |
| 5950 MHz | -3.17 | -1.40 | -1.82 | 65.77 | 5.03 | -1.82 |
| 6000 MHz | -6.99 | -5.13 | -2.95 | 50.70 | 1.56 | -2.95 |

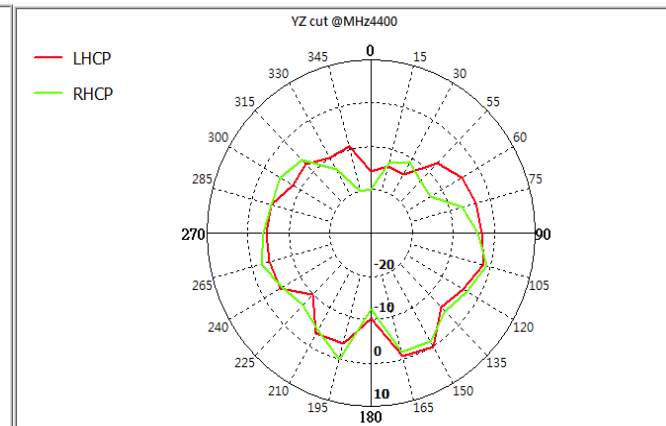
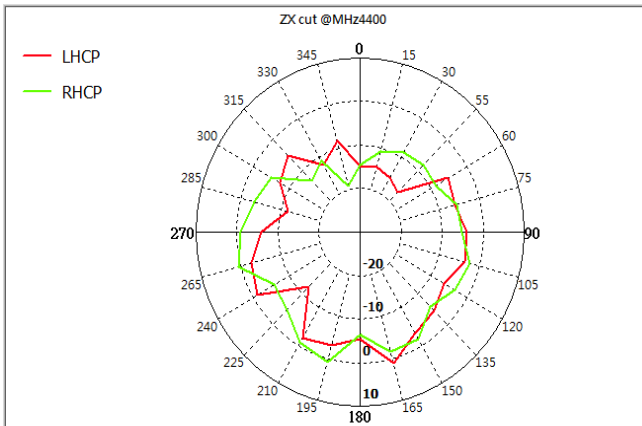
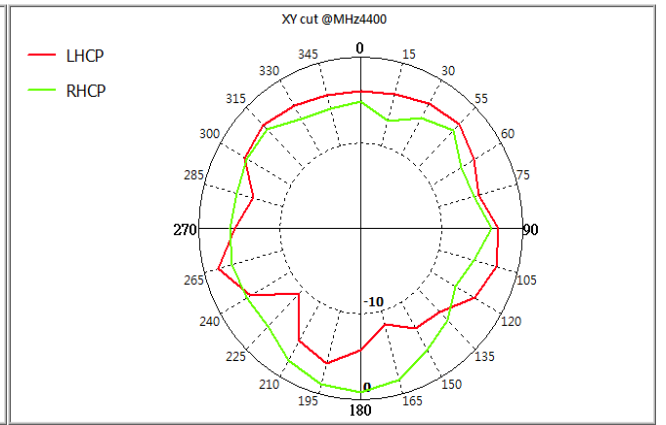
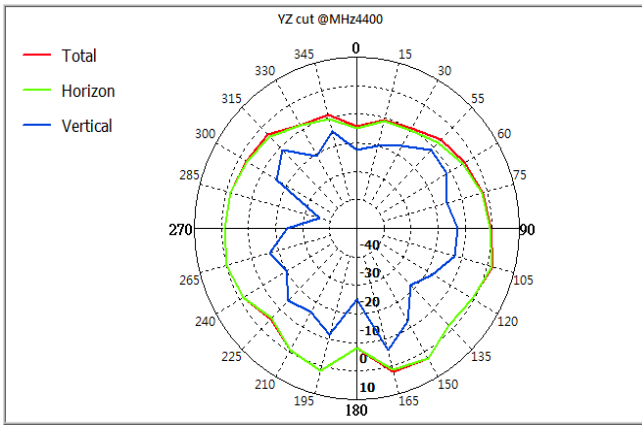
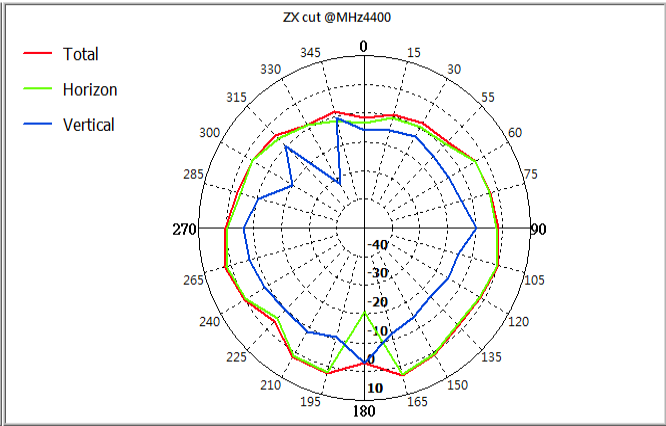
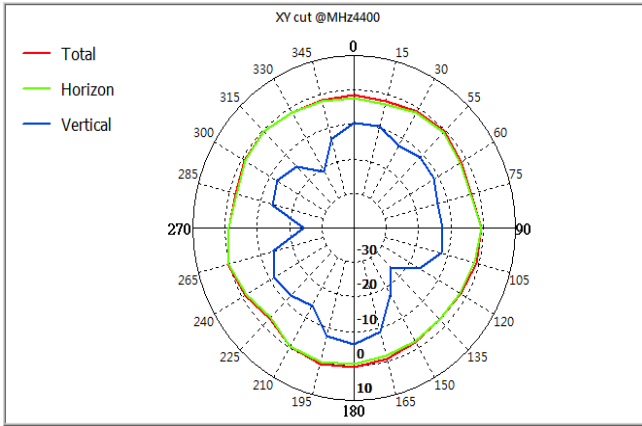
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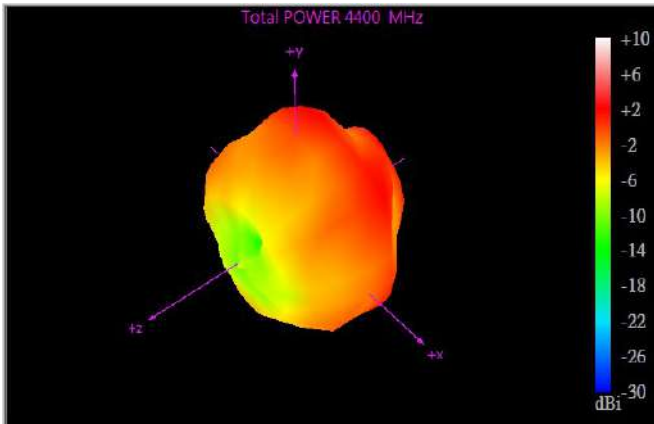
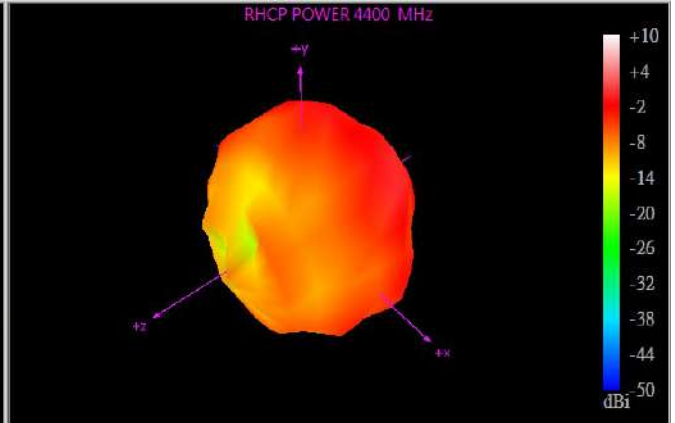
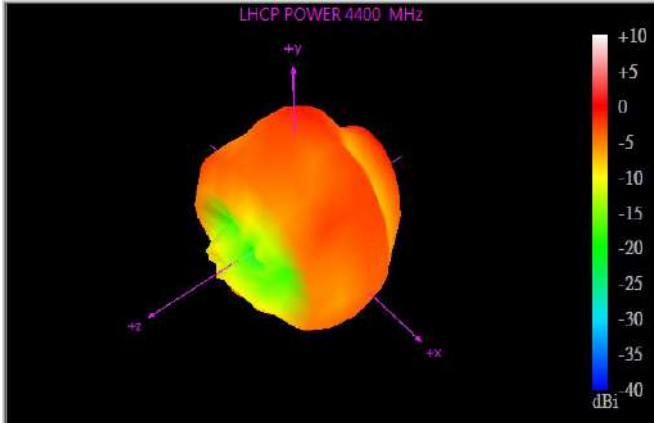
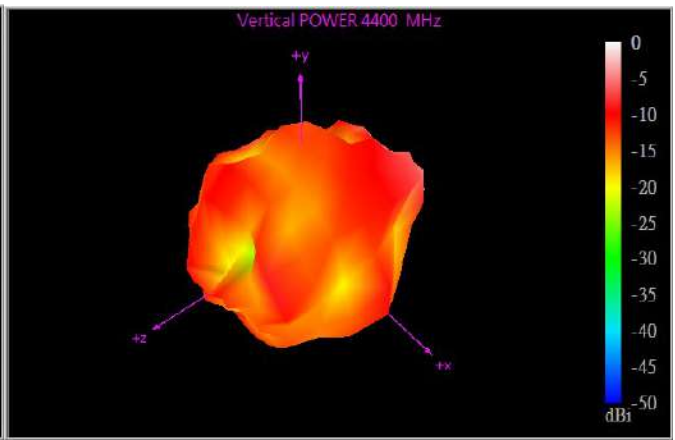
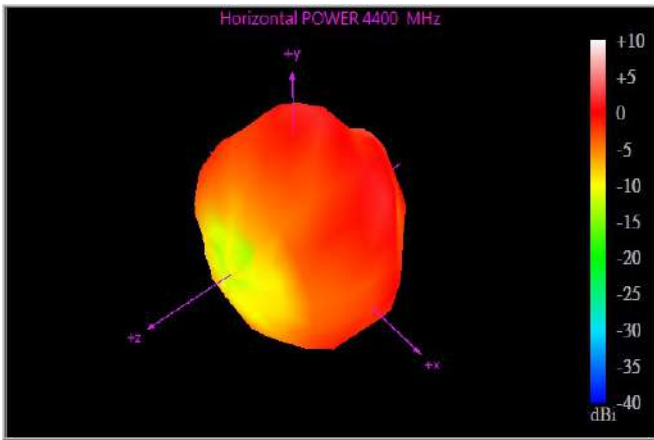




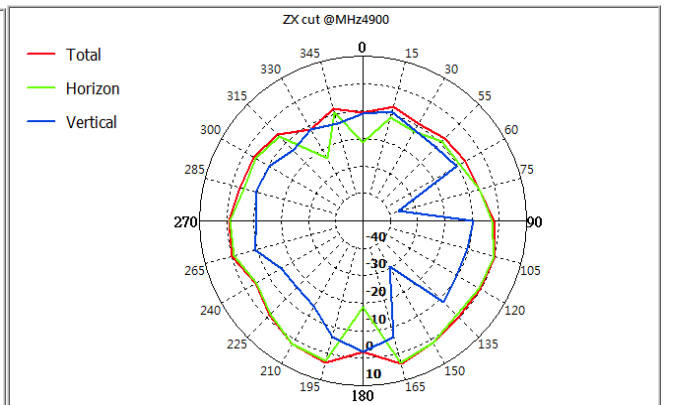
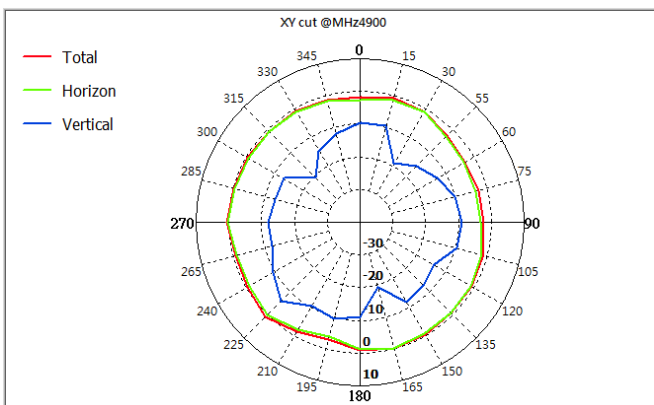


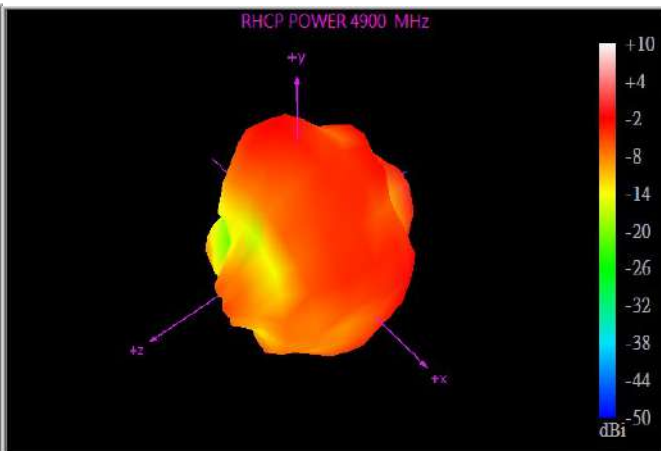
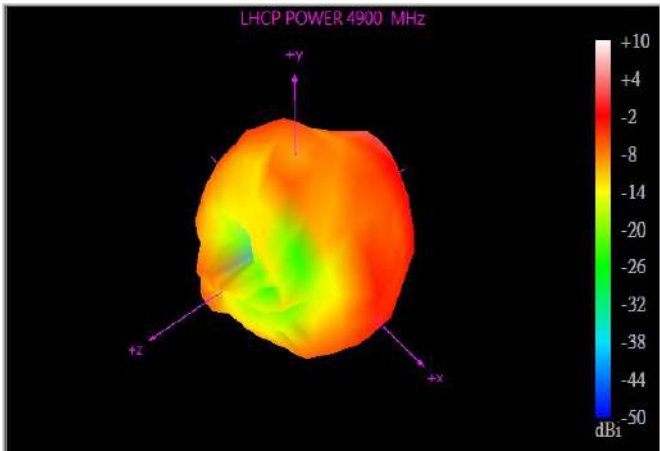
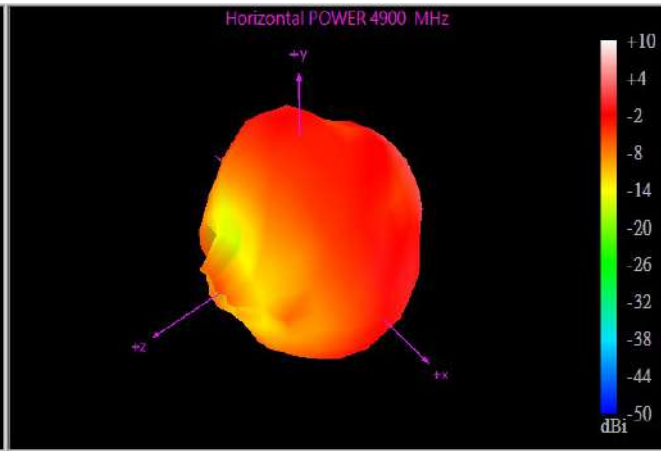
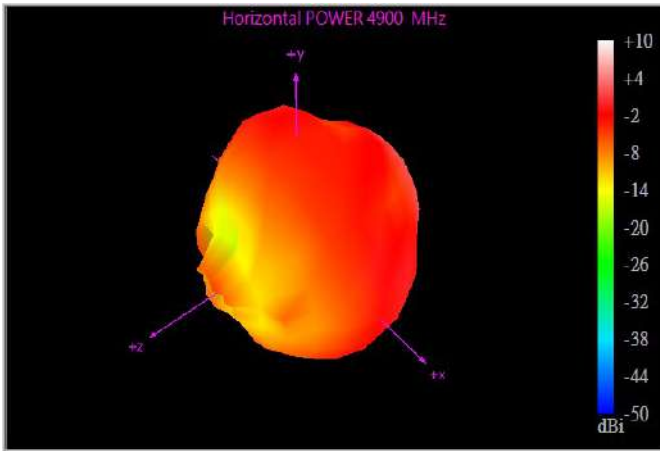
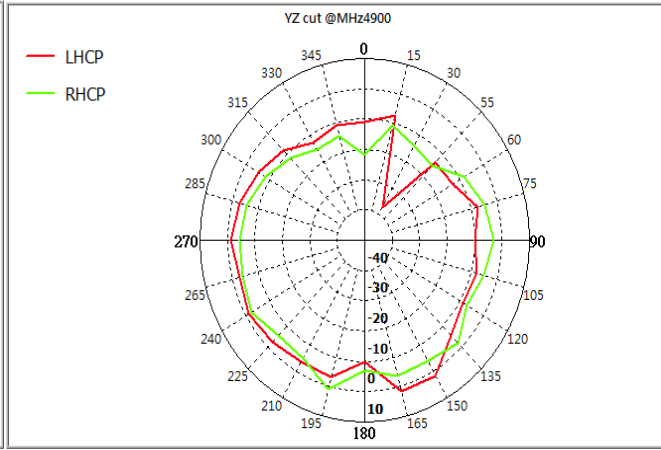
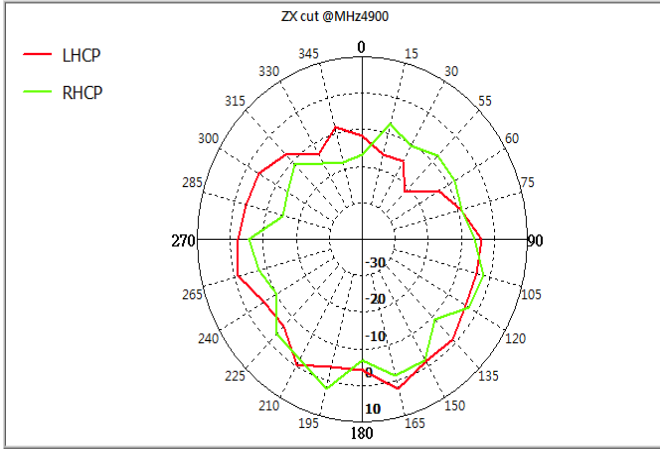
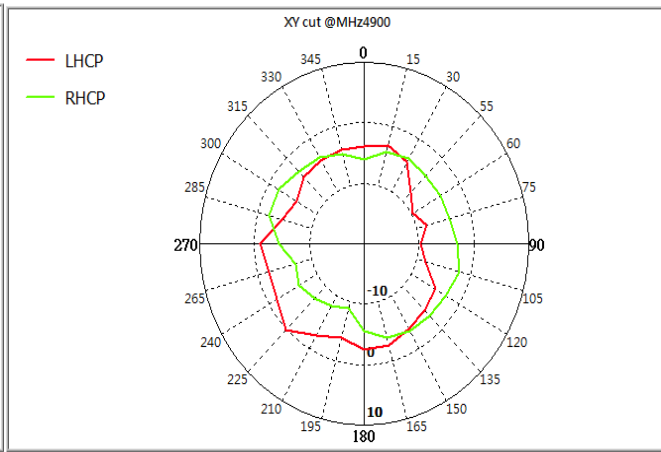
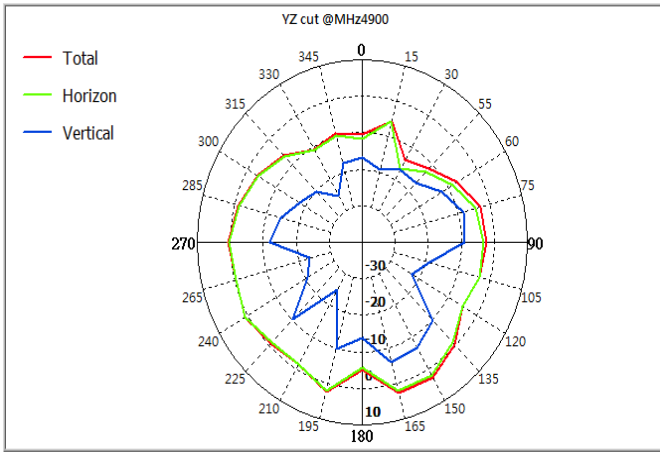
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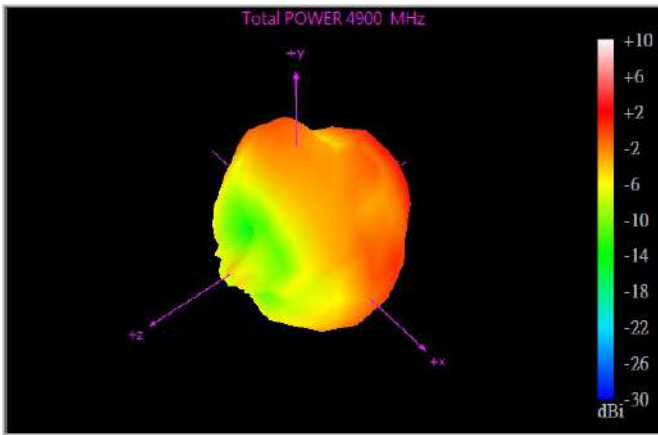




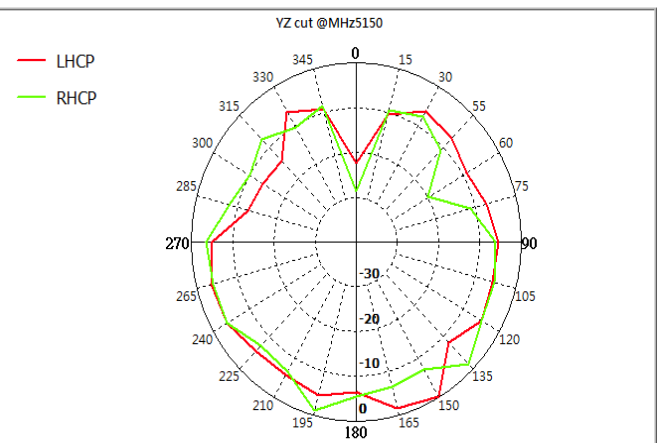
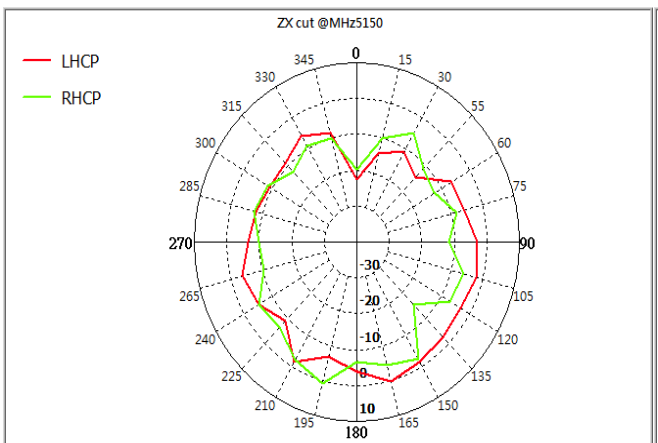
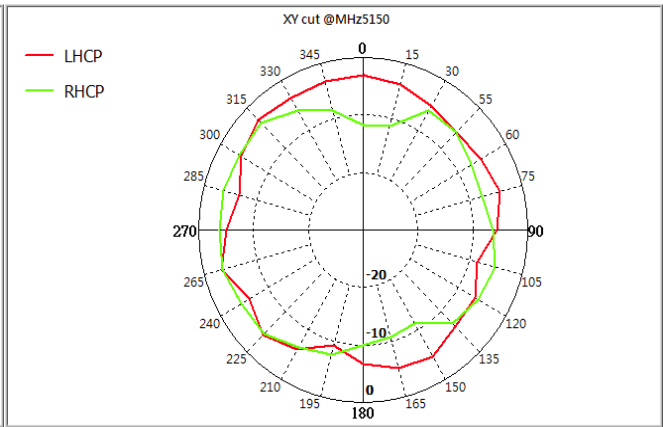
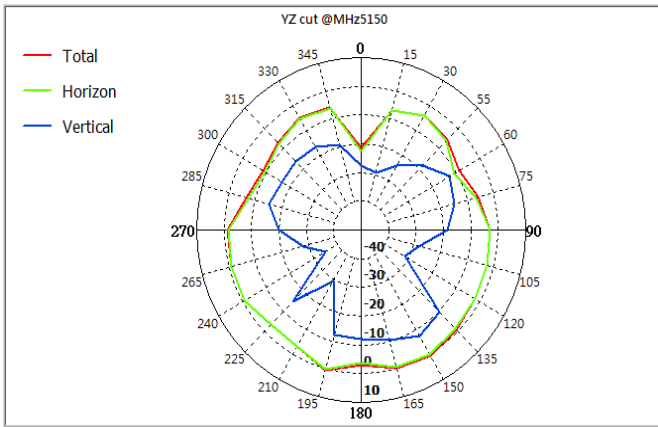
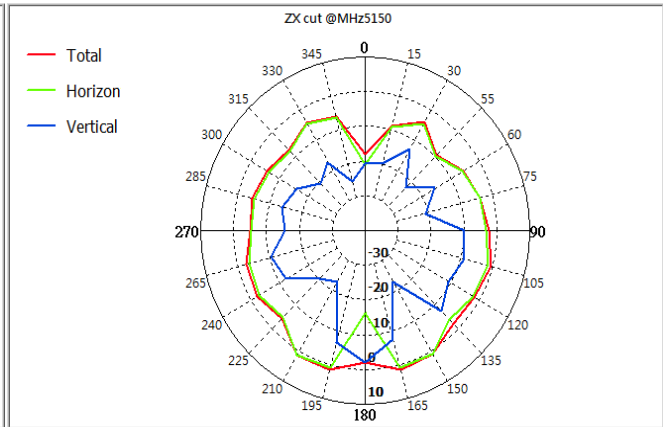
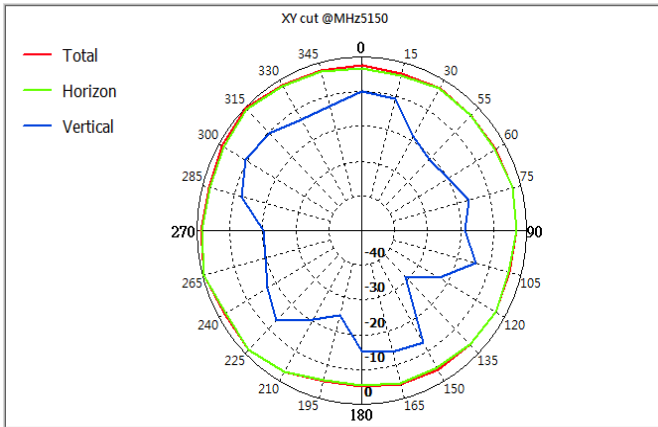
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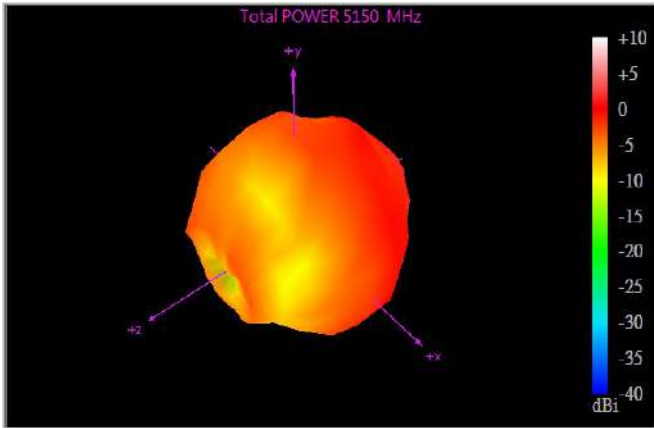
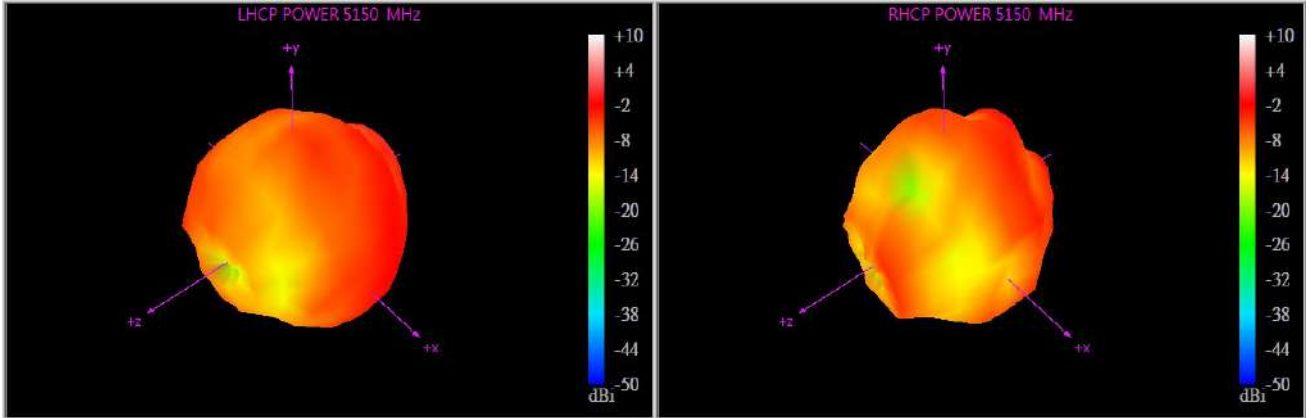
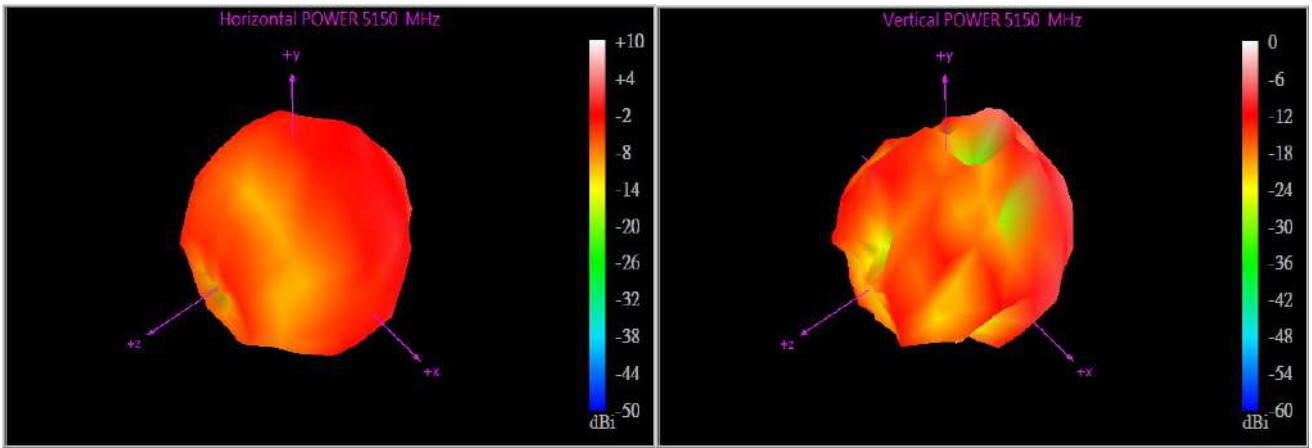




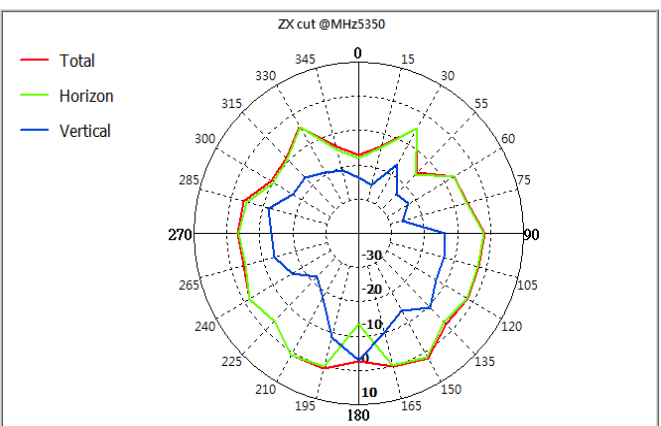
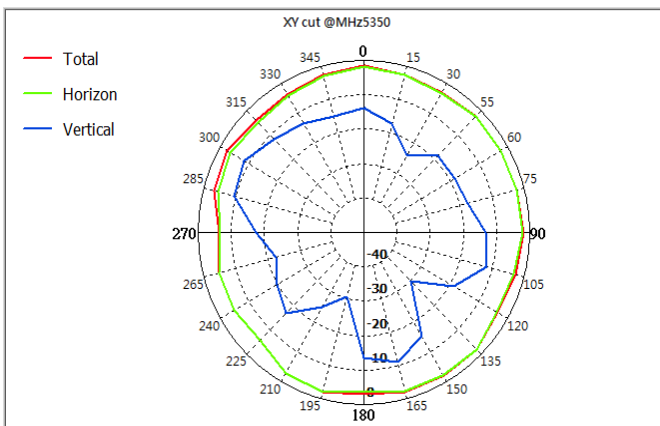


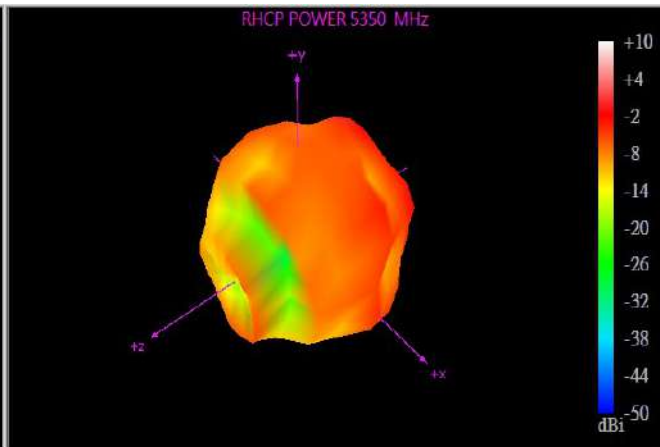
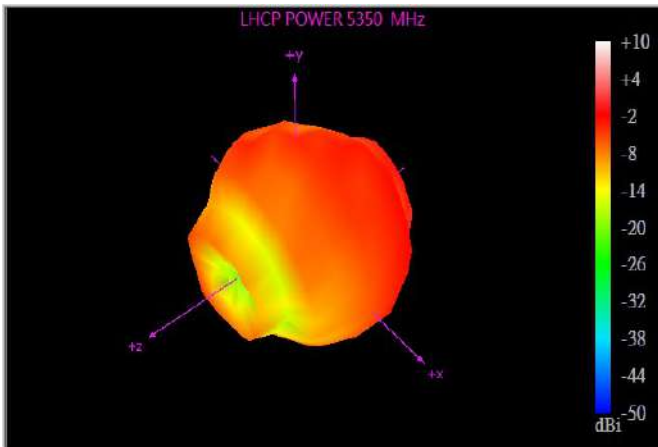
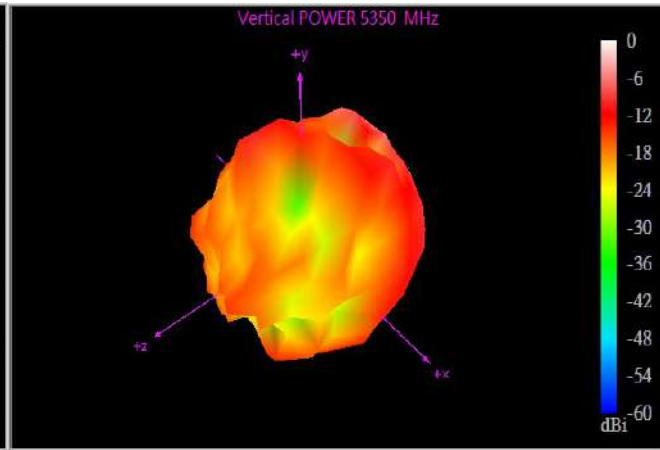
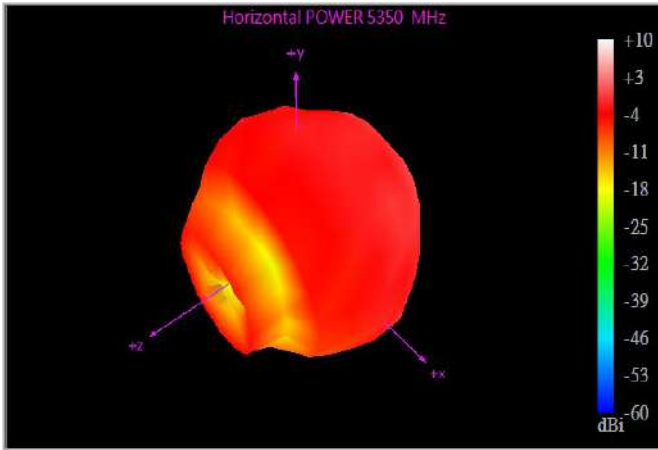
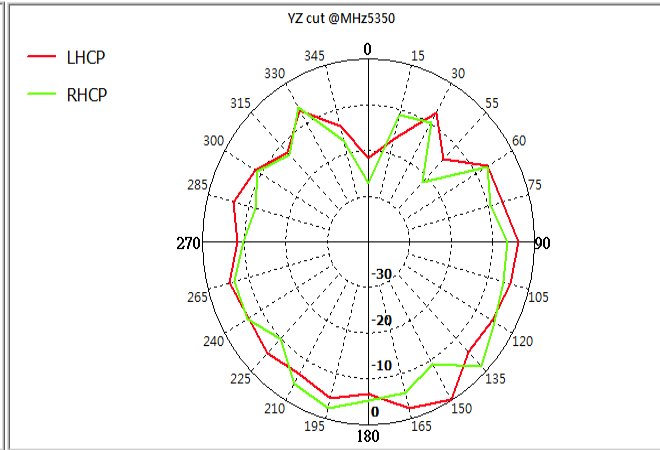
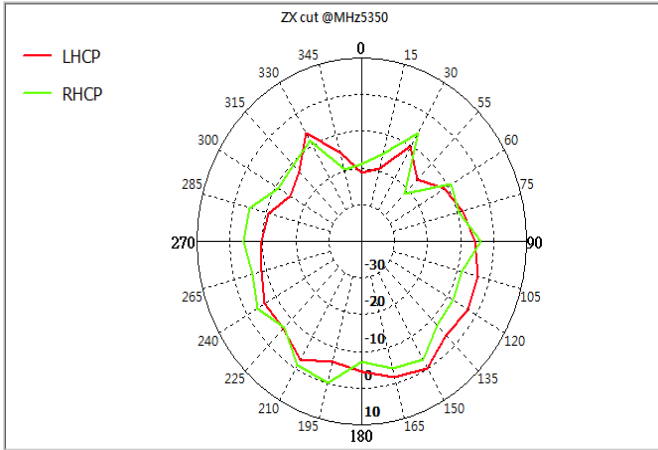
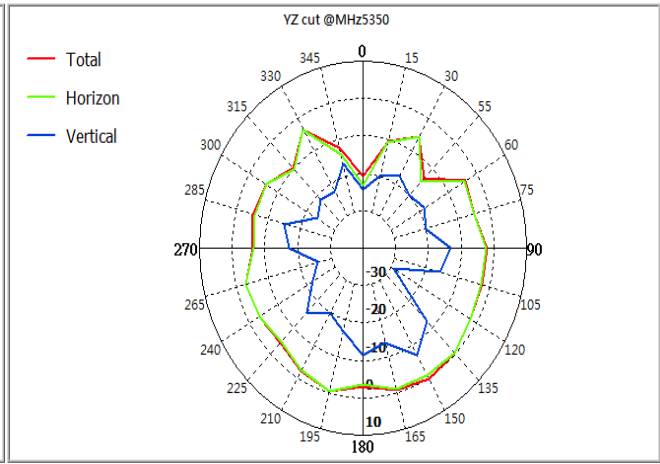
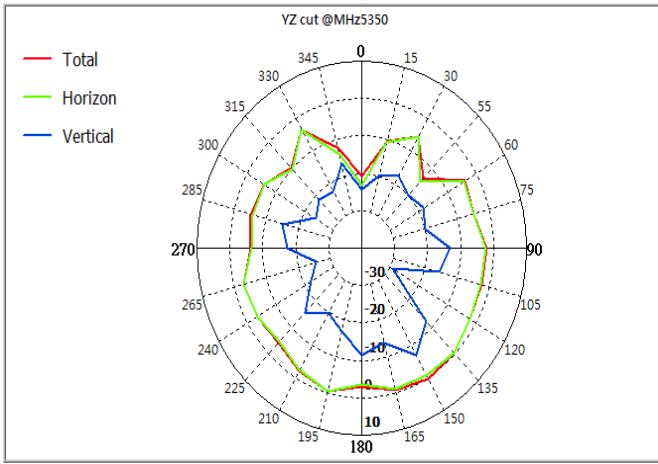
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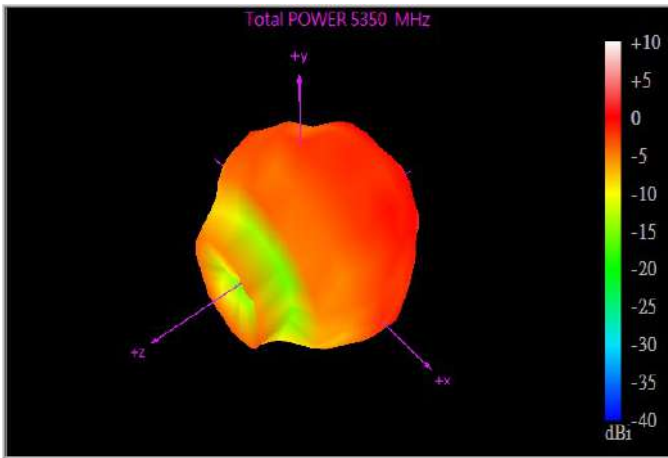




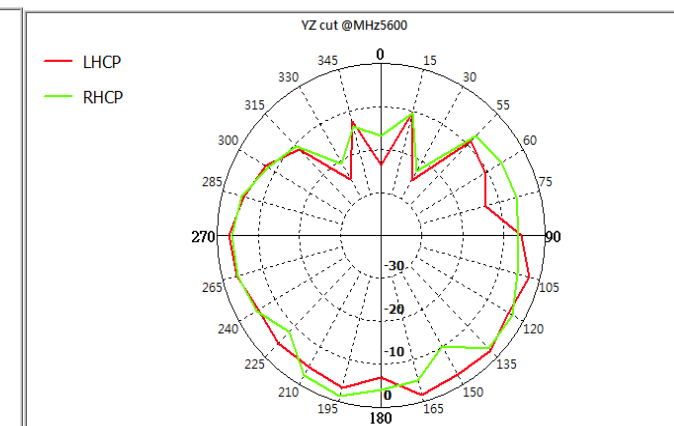
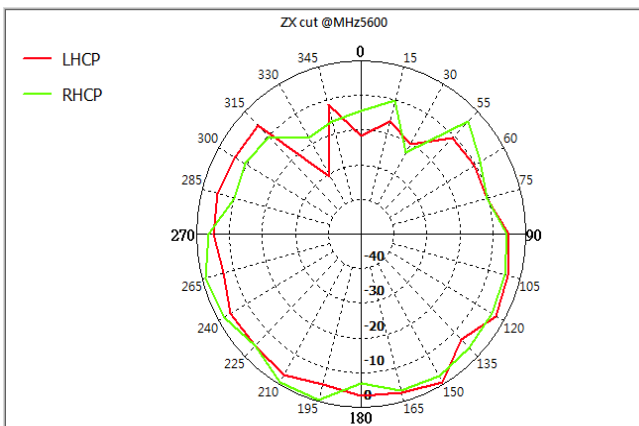
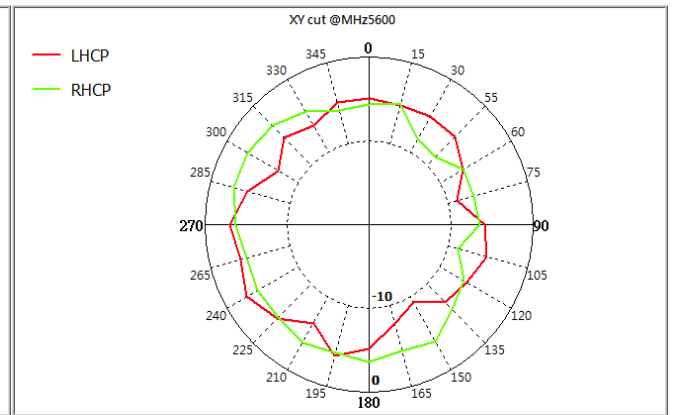
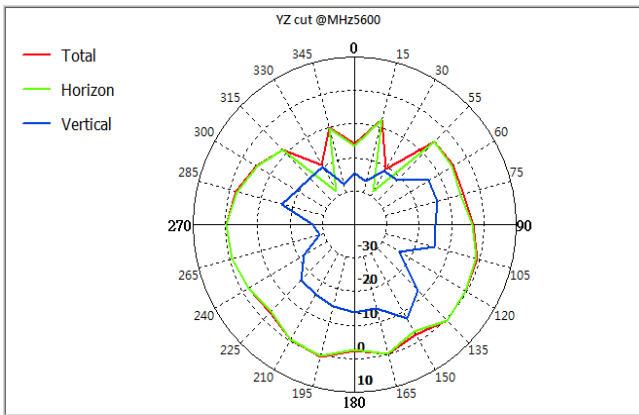
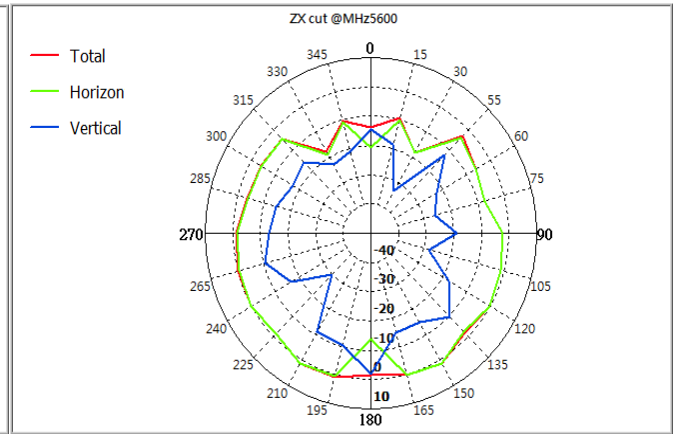
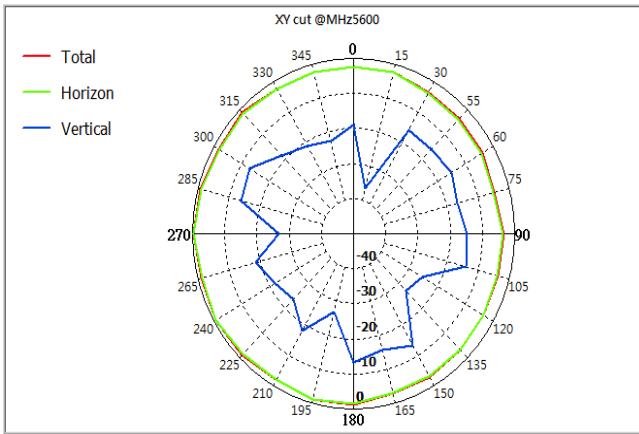
5350Mhz

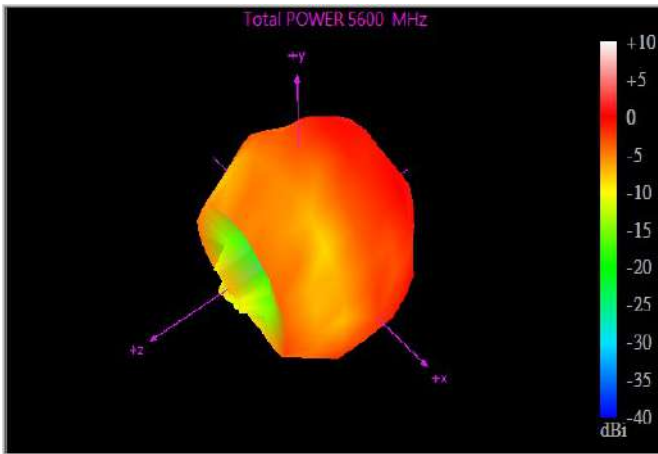
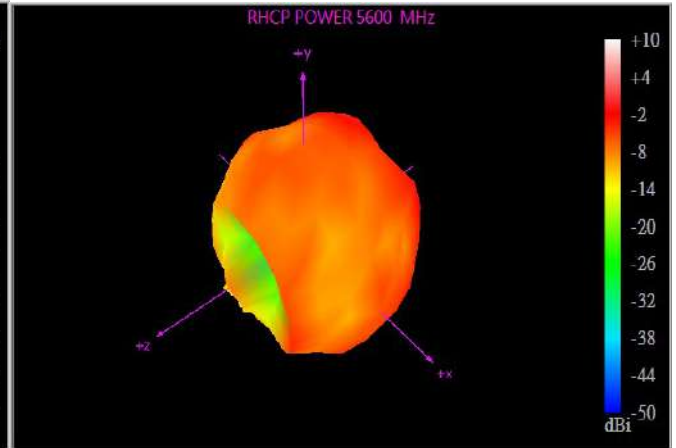
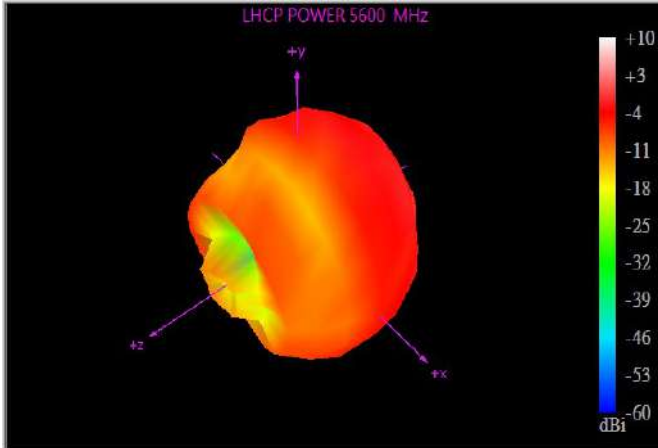
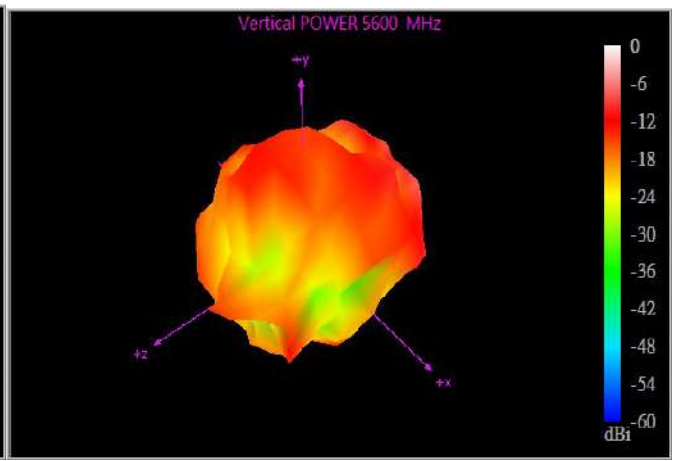
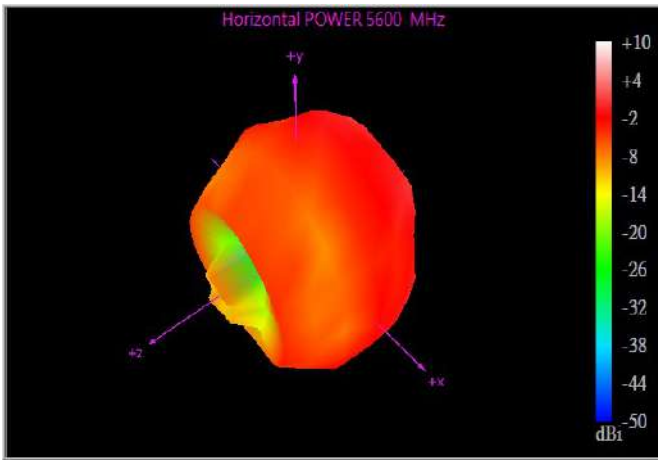






5600Mhz:





5950Mhz:

