



GeTac_UX10G3

NCC Report

Auden Techno Corp.

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Date of Report: 2022/ 11 / 09
Department: WCB , Auden Techno Corp.

auden

Persisting in Technology
antenna solutions for wireless technologies

WiFi Main Antenna Assembly Specifications



Freq. Range (MHz)	* Peak Gain W/ Cable loss (dBi)	Peak Gain w/o Cable Loss (dBi)	Cable Loss (dB)
2400-2483.5	0.95	1.28	0.33
5150-5250	2.42	2.87	0.45
5250-5350	3.16	3.92	0.76
5470-5725	3.06	3.81	0.75
5725-5850	2.89	3.57	0.68
5925-6425	1.86	2.50	0.64
6425-6525	0.76	1.51	0.75
6525-6875	1.11	1.95	0.84
6875-7125	1.56	2.27	0.71

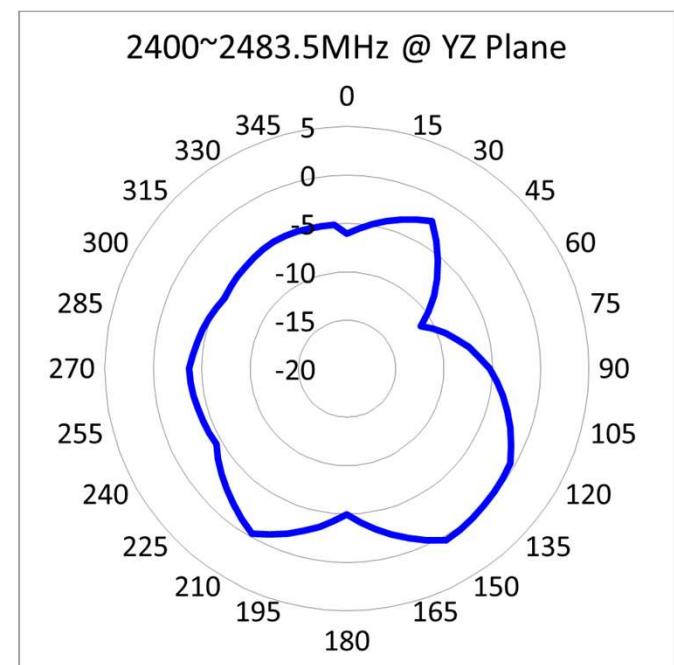
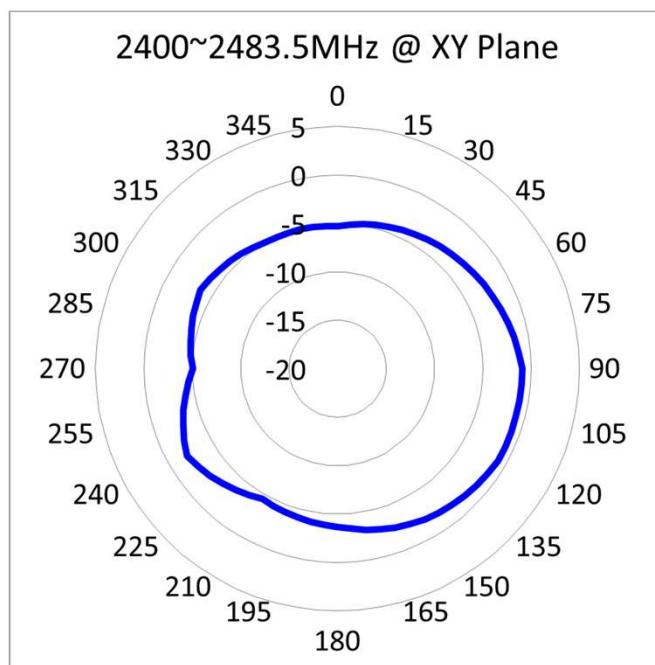
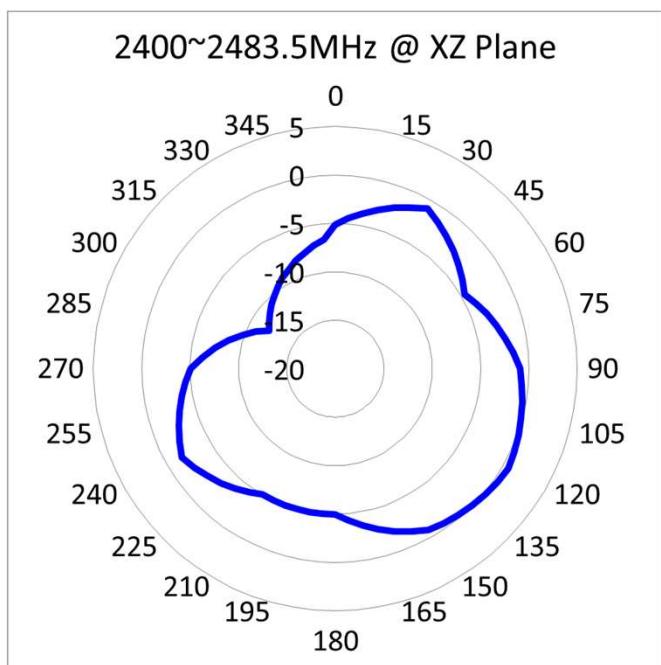
Trade name : Auden

Model name : UX10G3 WIFI MAIN ANT

Type : PIFA Antenna

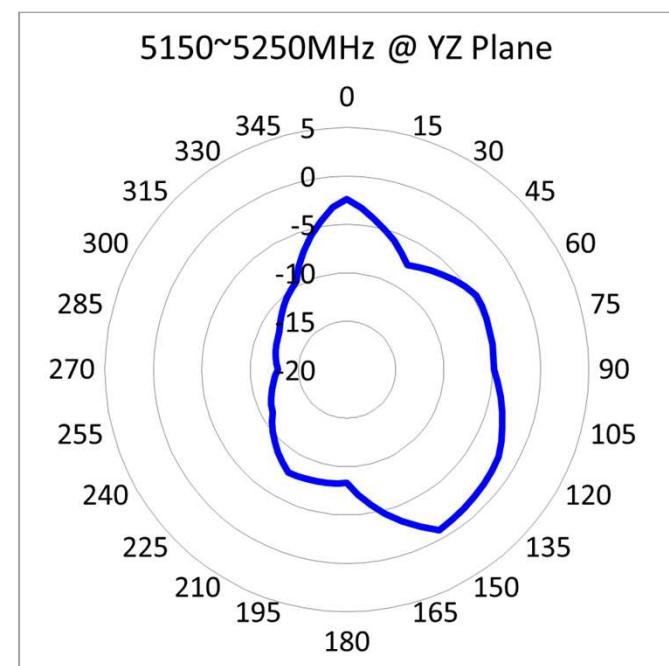
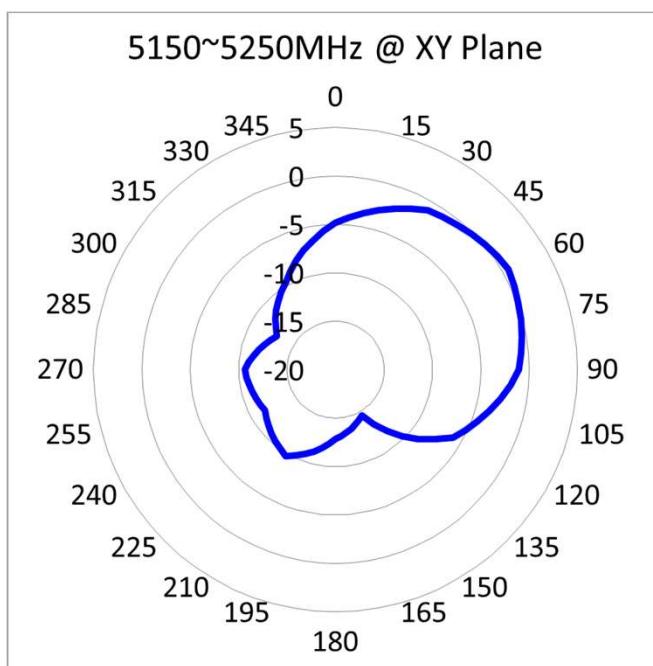
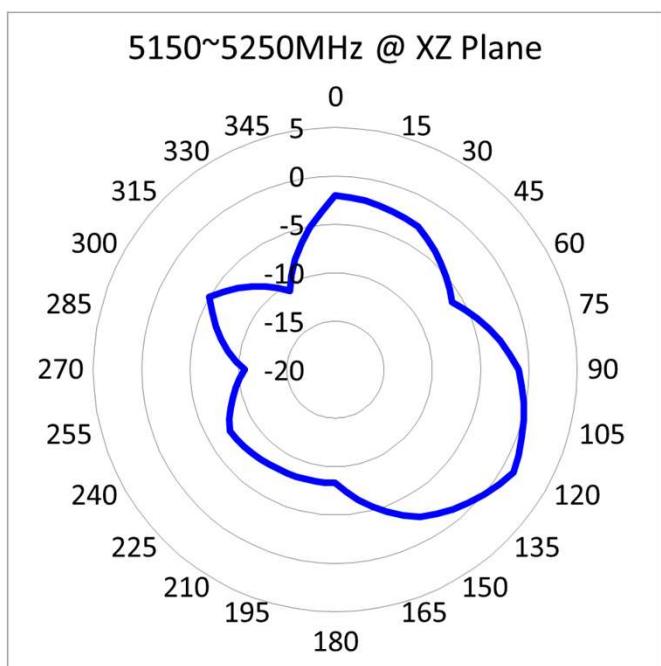
WiFi Main Antenna 2D Radiation Pattern 2400-2483.5 MHz

auden[®]



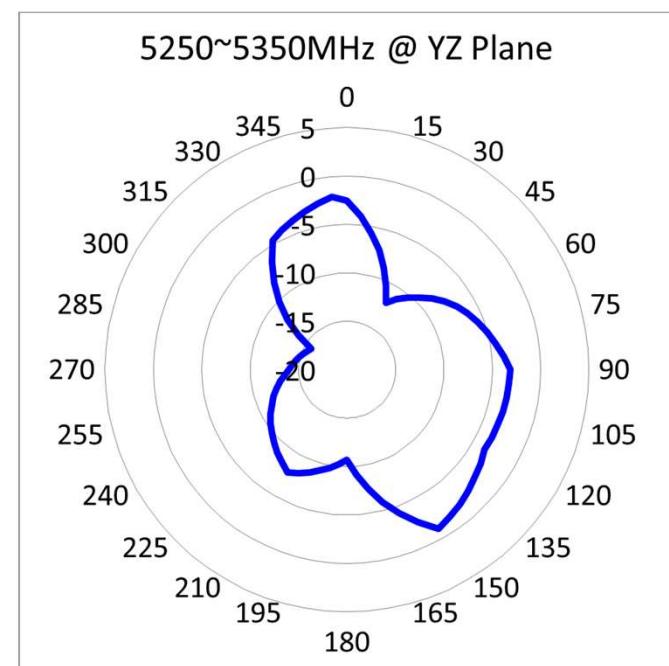
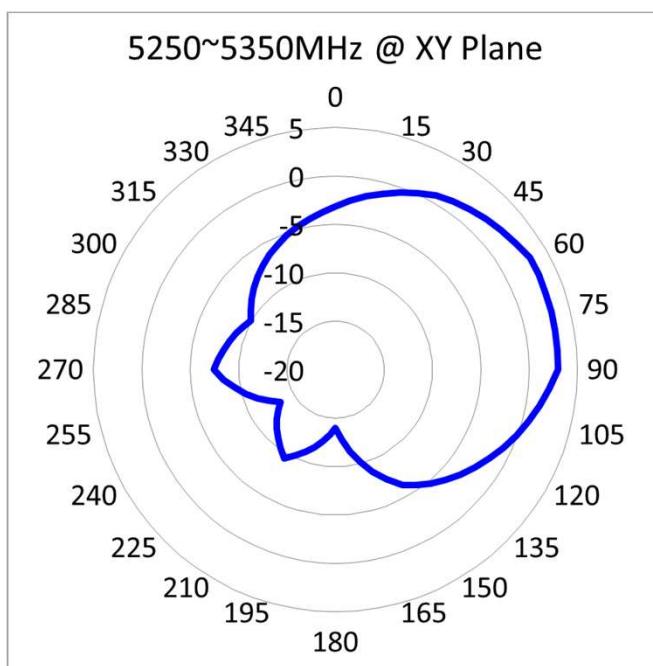
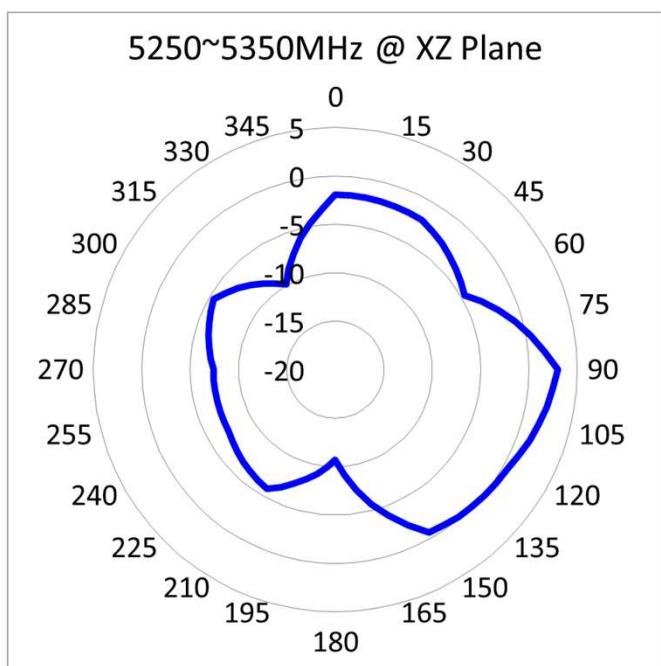
WiFi Main Antenna 2D Radiation Pattern 5150-5250 MHz

auden^o



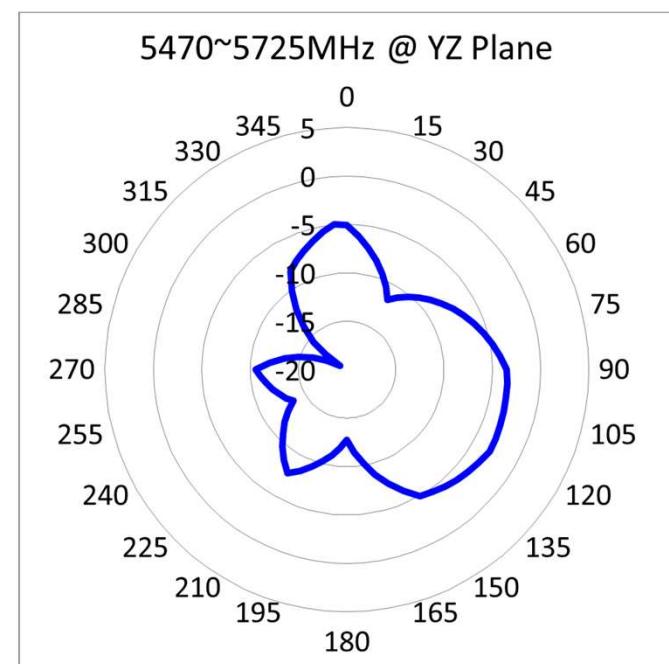
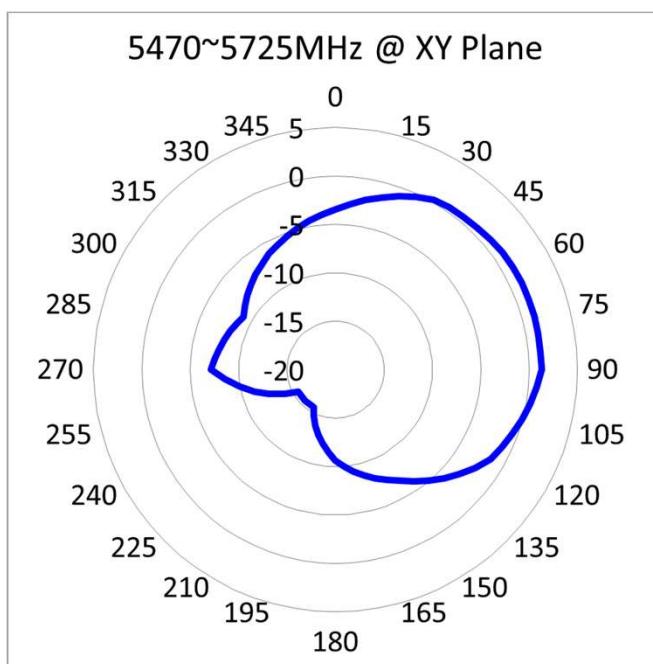
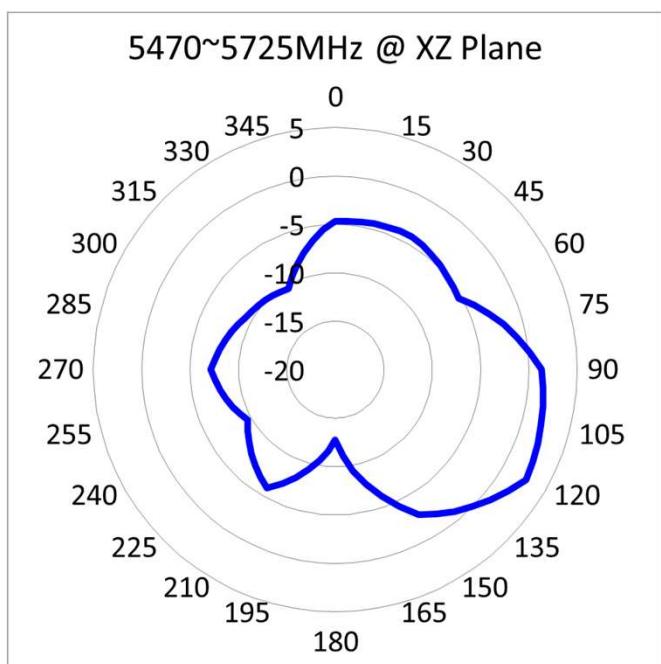
WiFi Main Antenna 2D Radiation Pattern 5250-5350 MHz

auden^o



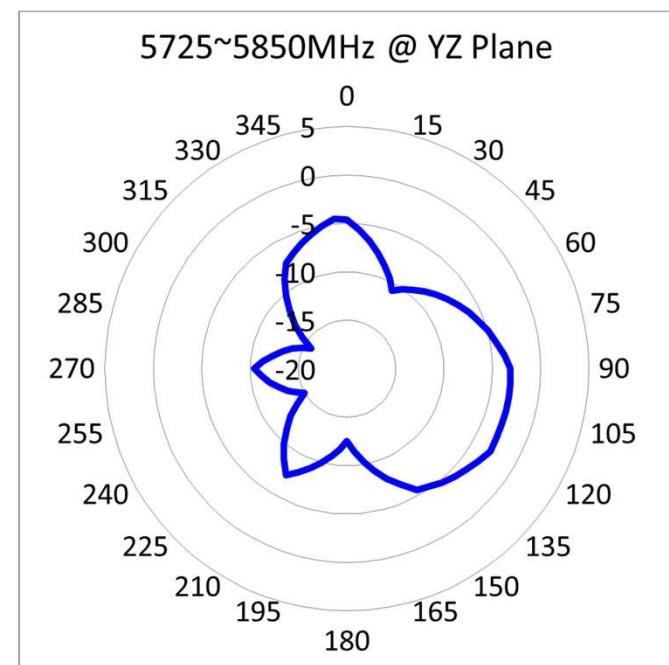
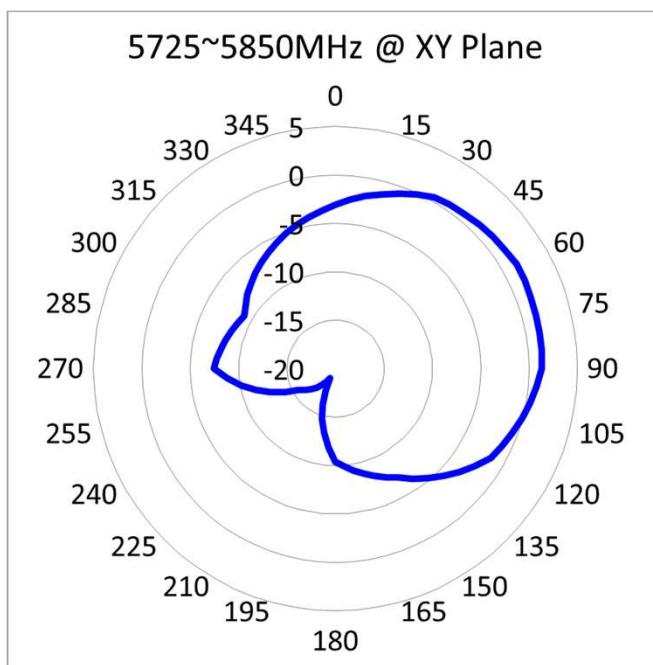
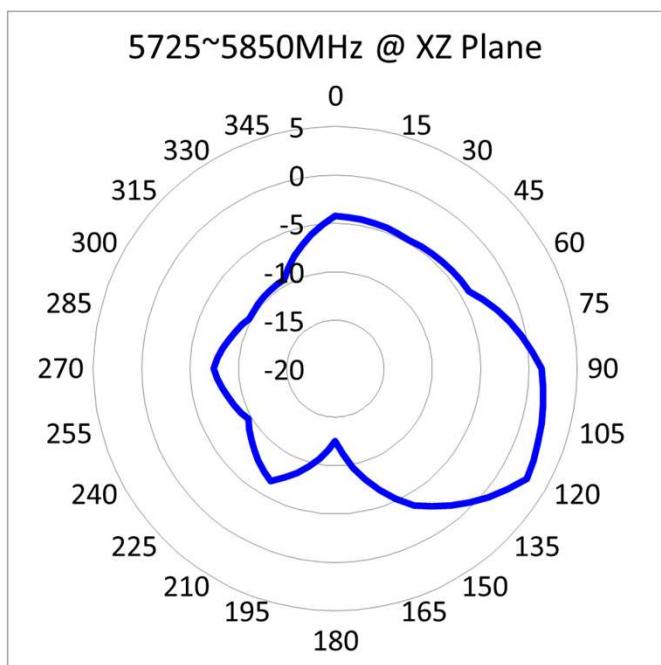
WiFi Main Antenna 2D Radiation Pattern 5470-5725 MHz

auden^o



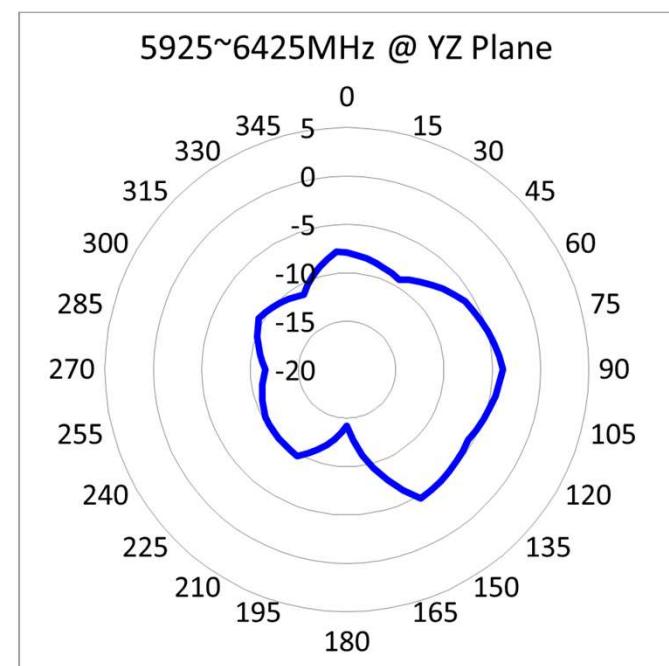
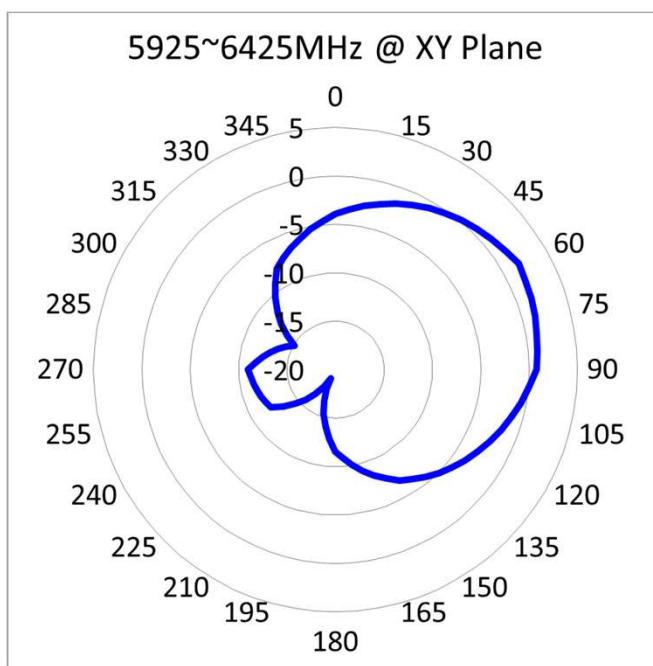
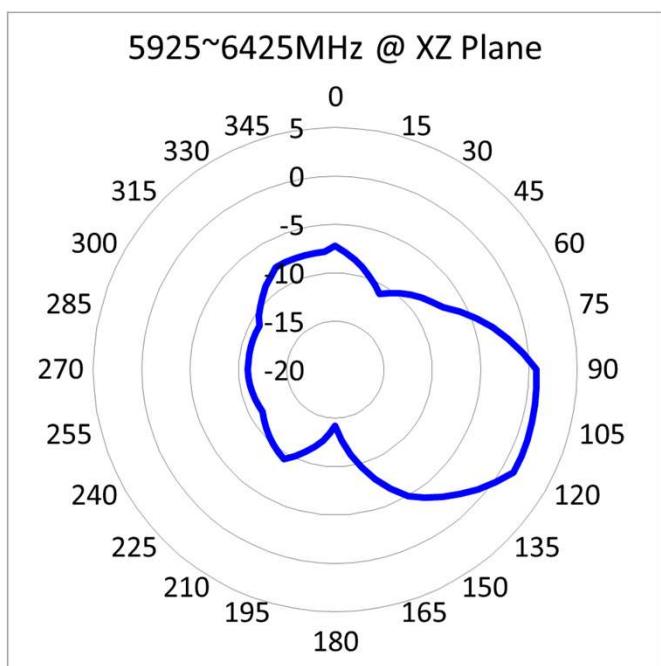
WiFi Main Antenna 2D Radiation Pattern 5725-5850 MHz

auden^o



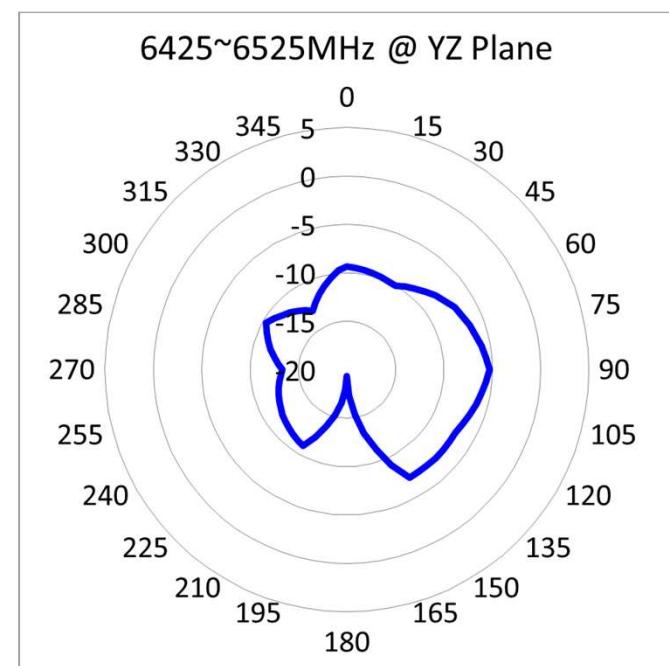
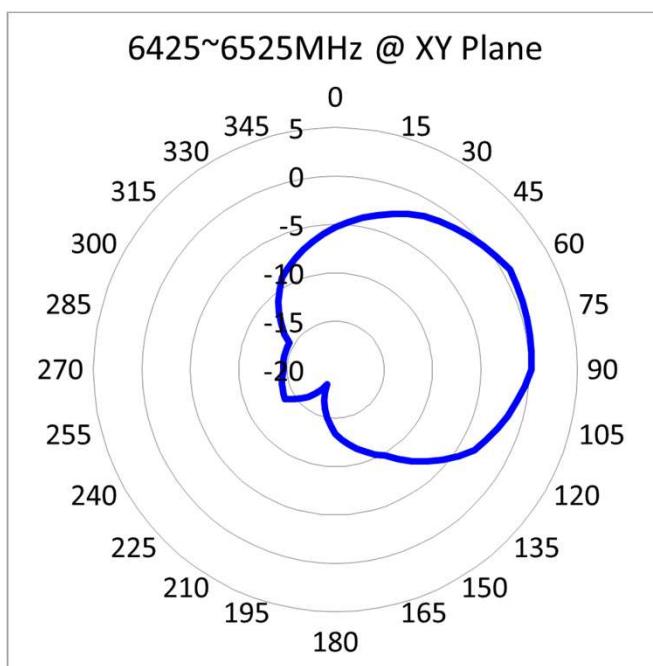
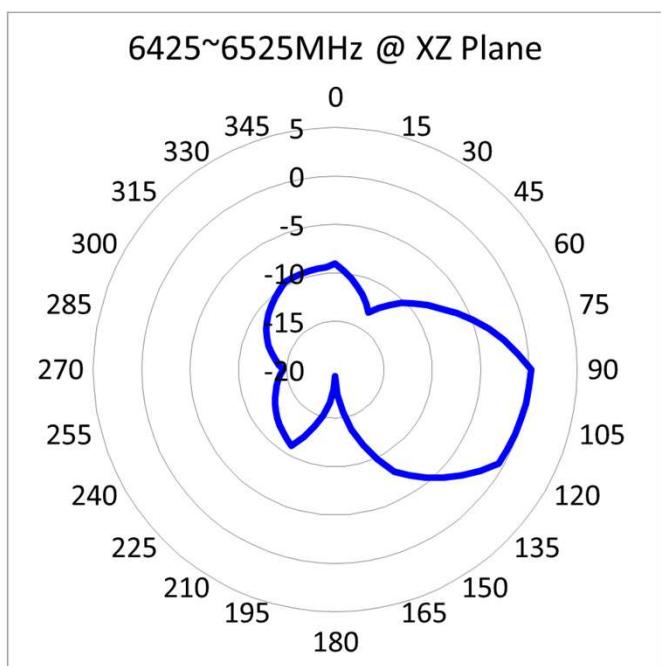
WiFi Main Antenna 2D Radiation Pattern 5925-6425 MHz

auden^o



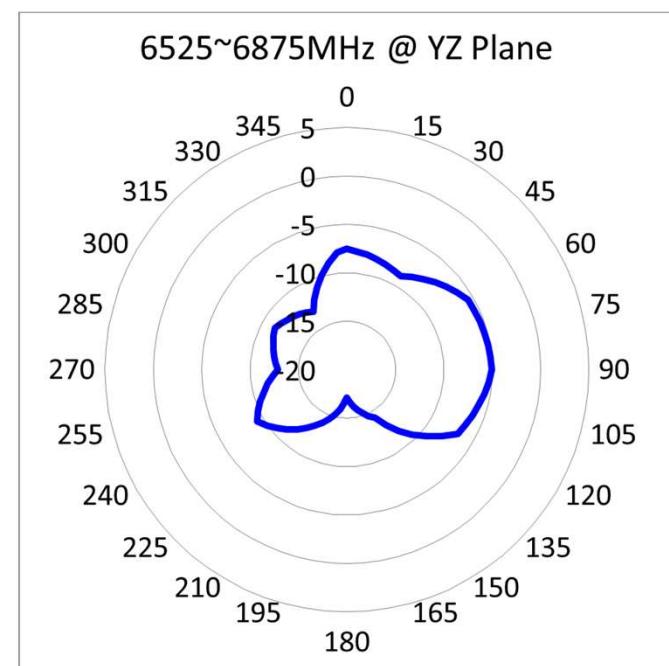
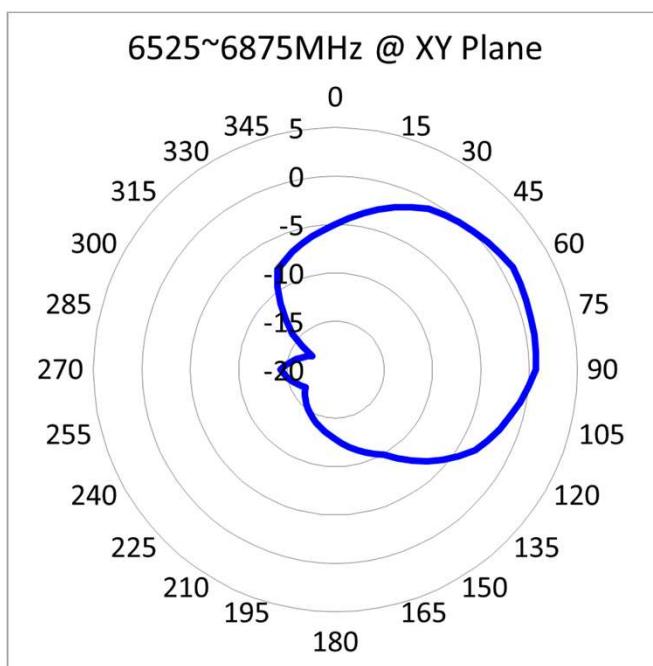
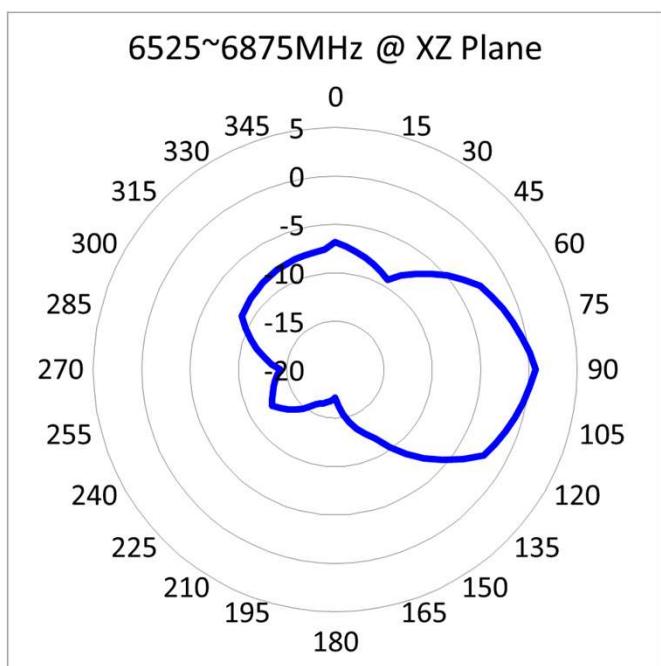
WiFi Main Antenna 2D Radiation Pattern 6425-6525 MHz

auden^o



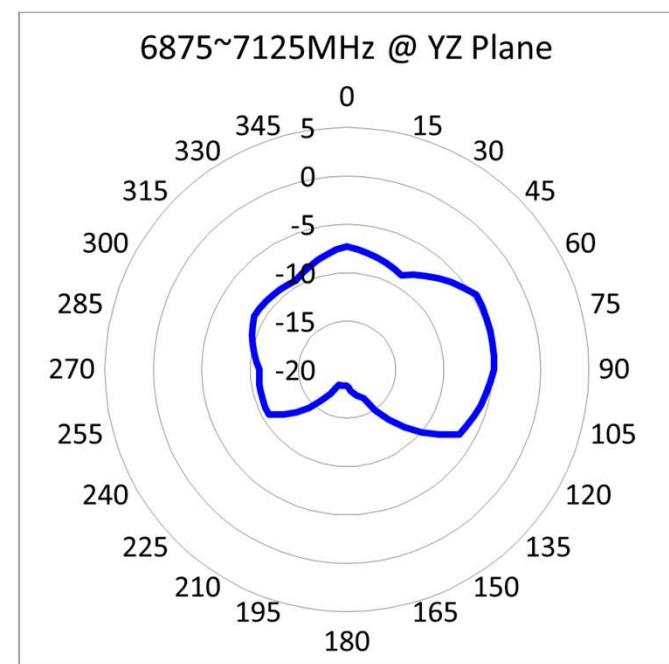
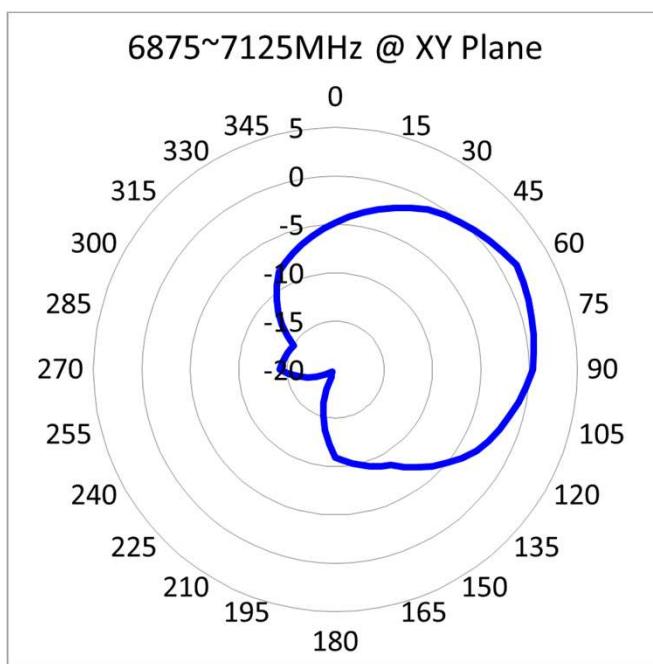
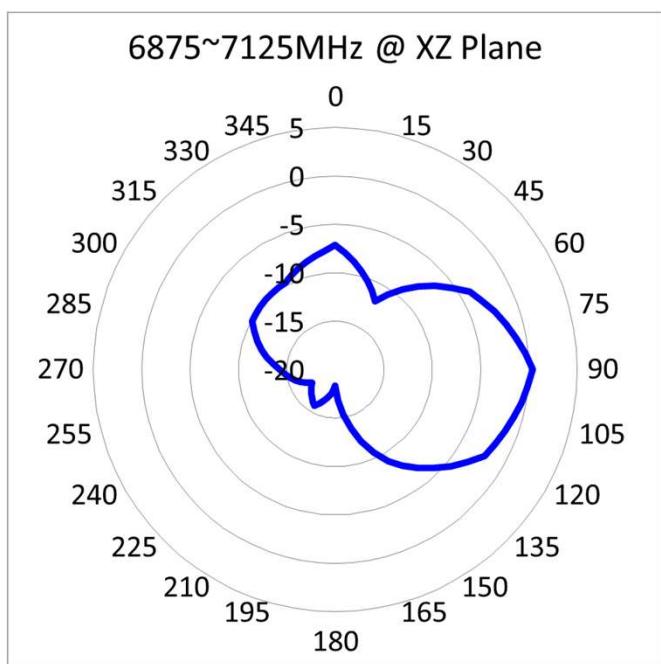
WiFi Main Antenna 2D Radiation Pattern 6525-6875 MHz

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WiFi Main Antenna 2D Radiation Pattern 6875-7125 MHz

auden^o



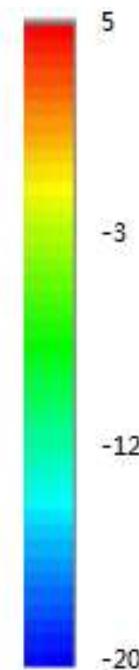
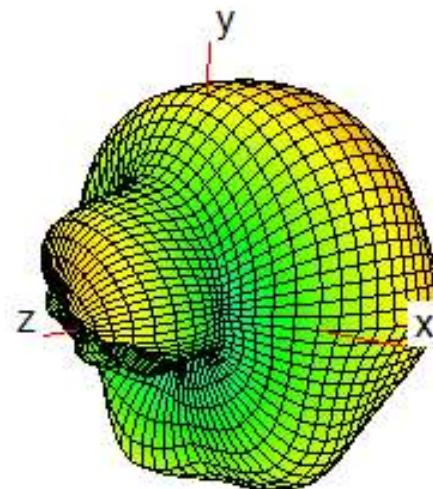
WiFi Main Antenna 3D Radiation Pattern 2400-2483.5 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
2400-2483.5	0.95

Total

Azimuth: 15
Elevation: 45
Roll: 99

Zoom Scale



WiFi Main Antenna 3D Radiation Pattern 5150-5250 MHz

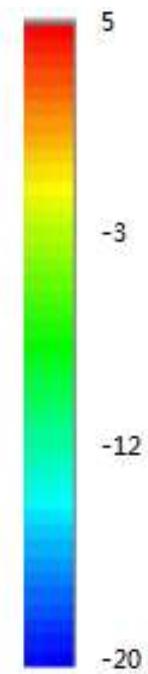
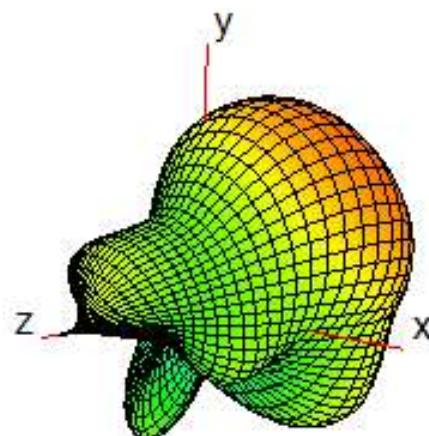
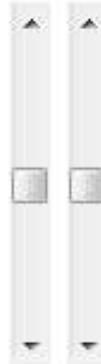
auden^o

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5150-5250	2.42

Total

Azimuth: 15
Elevation: 45
Roll: 99

Zoom Scale



WiFi Main Antenna 3D Radiation Pattern 5250-5350 MHz

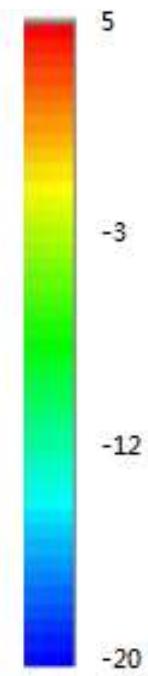
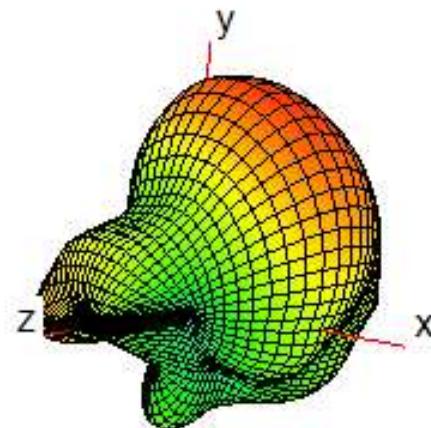
auden^o

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5250-5350	3.16

Total

Azimuth: 15
Elevation: 45
Roll: 99

Zoom Scale



WiFi Main Antenna 3D Radiation Pattern 5470-5725 MHz

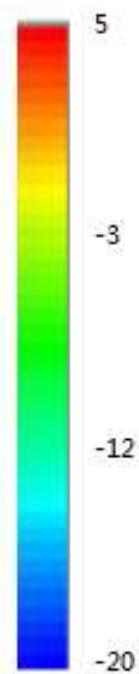
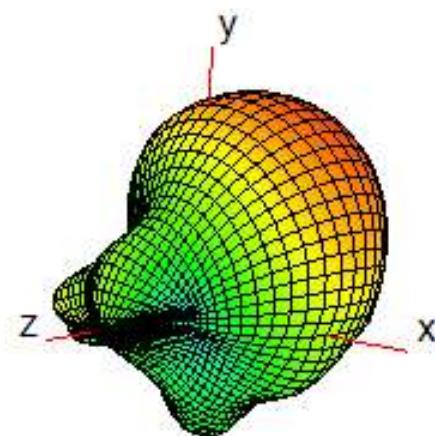
auden^o

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5470-5725	3.06

Total

Azimuth: 15
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Roll: 99

Zoom Scale



WiFi Main Antenna 3D Radiation Pattern 5725-5850 MHz

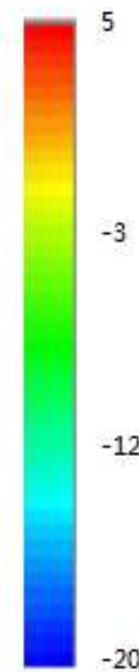
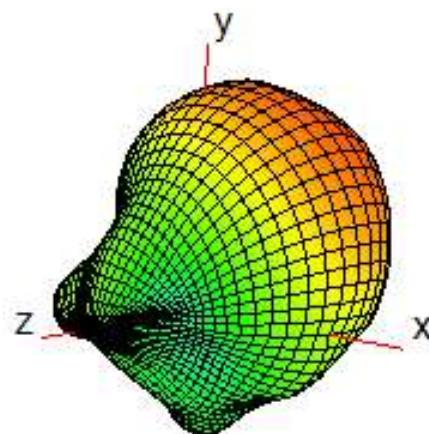
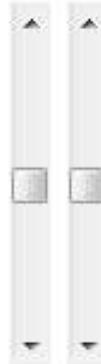
auden^o

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5725-5850	2.89

Total

Azimuth: 15
Elevation: 45
Roll: 99

Zoom Scale



WiFi Main Antenna 3D Radiation Pattern 5925-6425 MHz

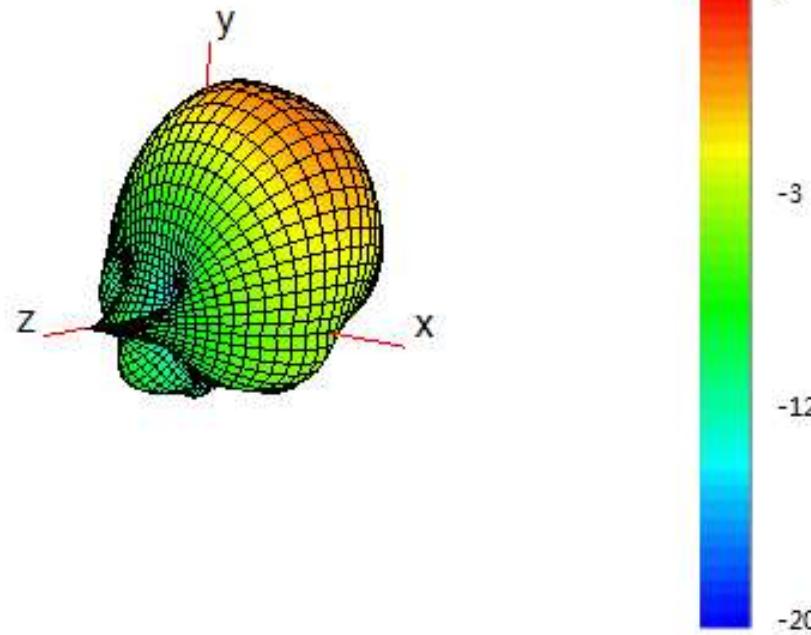
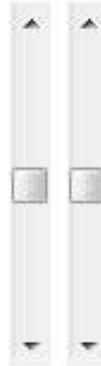
auden^o

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5925-6425	1.86

Total

Azimuth: 15
Elevation: 45
Roll: 99

Zoom Scale



WiFi Main Antenna 3D Radiation Pattern 6425-6525 MHz

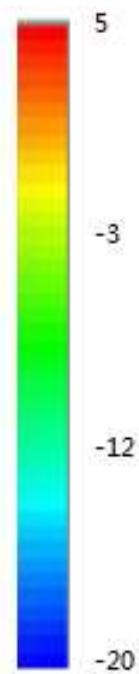
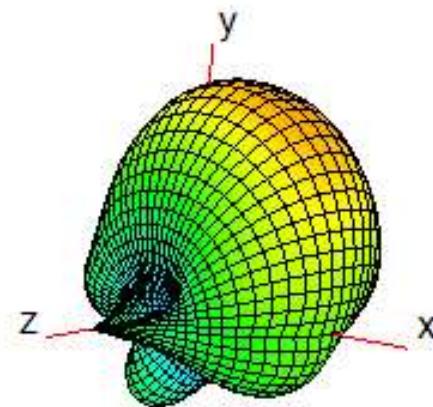
auden^o

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6425-6525	0.76

Total

Azimuth: 15
Elevation: 45
Roll: 99

Zoom Scale



WiFi Main Antenna 3D Radiation Pattern 6525-6875 MHz

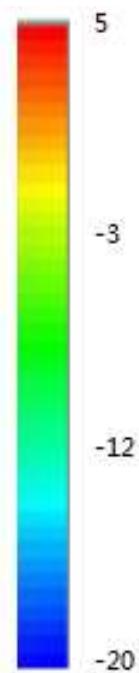
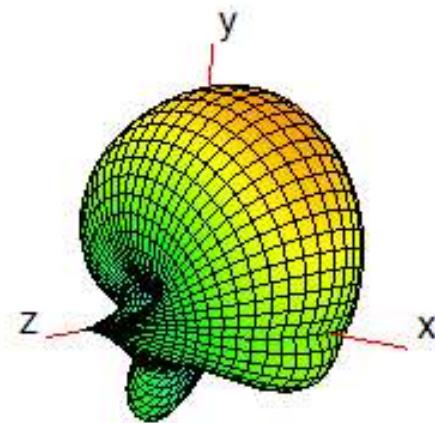
auden^o

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6525-6875	1.11

Total

Azimuth: 15
Elevation: 45
Roll: 99

Zoom Scale



WiFi Main Antenna 3D Radiation Pattern 6875-7125 MHz

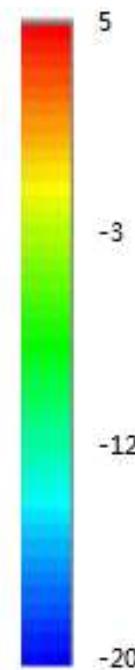
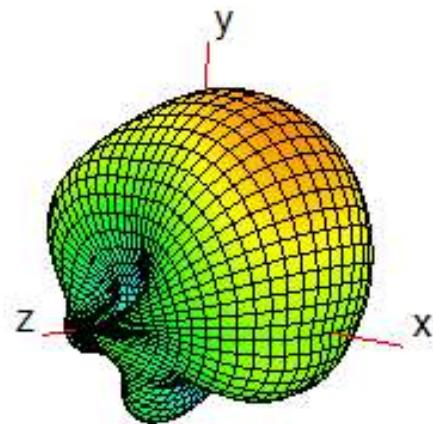
auden^o

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6875-7125	1.56

Total

Azimuth: 15
Elevation: 45
Roll: 99

Zoom Scale



WiFi Aux Antenna Assembly Specifications



Freq. Range (MHz)	* Peak Gain W/ Cable loss (dBi)	Peak Gain w/o Cable Loss (dBi)	Cable Loss (dB)
2400-2483.5	1.19	2.20	1.01
5150-5250	0.95	2.54	1.59
5250-5350	1.55	3.50	1.95
5470-5725	-0.44	1.53	1.97
5725-5850	0.45	2.00	1.56
5925-6425	-0.13	1.59	1.71
6425-6525	0.37	2.24	1.88
6525-6875	0.51	2.83	2.32
6875-7125	1.22	3.61	2.39

Trade name : Auden

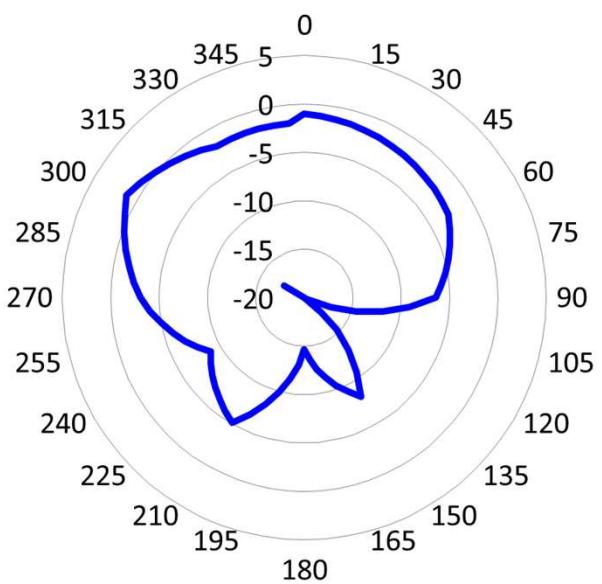
Model name : UX10G3 AUXWIFI ANT

Type : PIFA Antenna

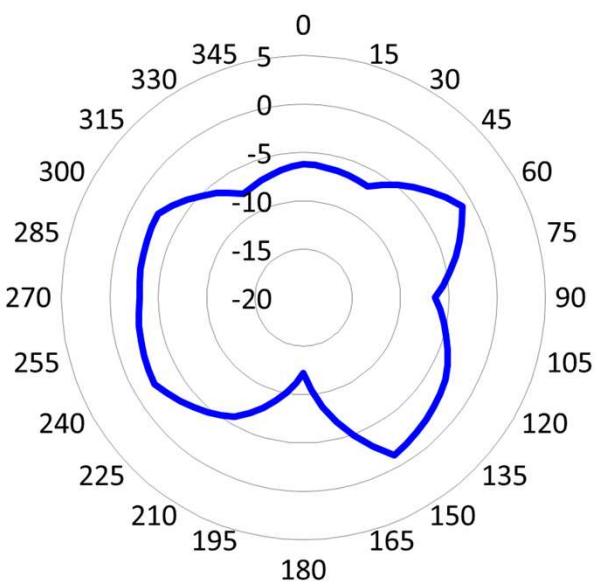
WiFi Aux Antenna 2D Radiation Pattern 2400-2483.5 MHz

auden^o

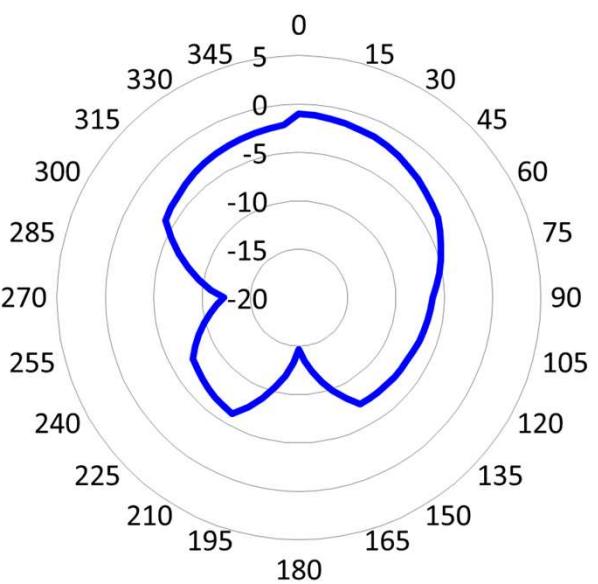
2400~2483.5MHz @ XZ Plane



2400~2483.5MHz @ XY Plane

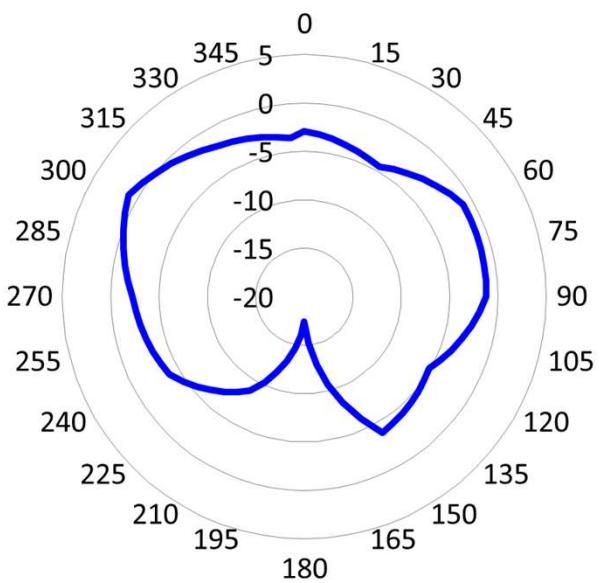


2400~2483.5MHz @ YZ Plane

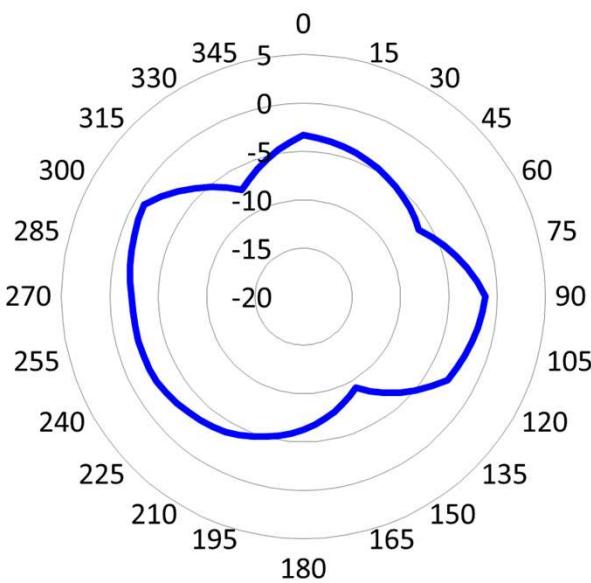


WiFi Aux Antenna 2D Radiation Pattern 5150-5250 MHz

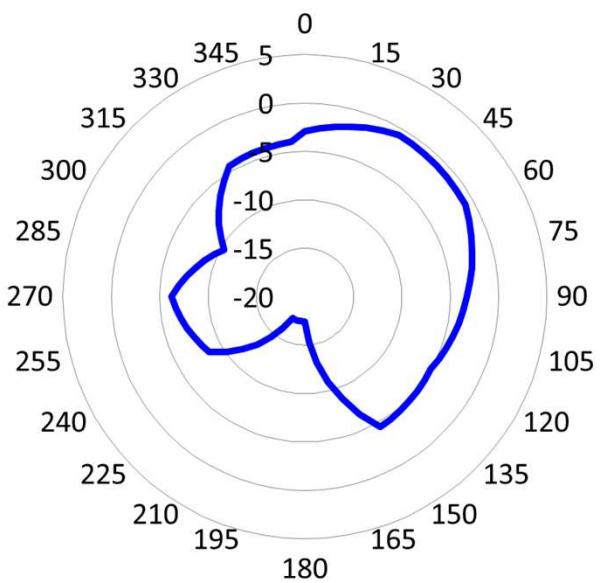
5150~5250MHz @ XZ Plane



5150~5250MHz @ XY Plane

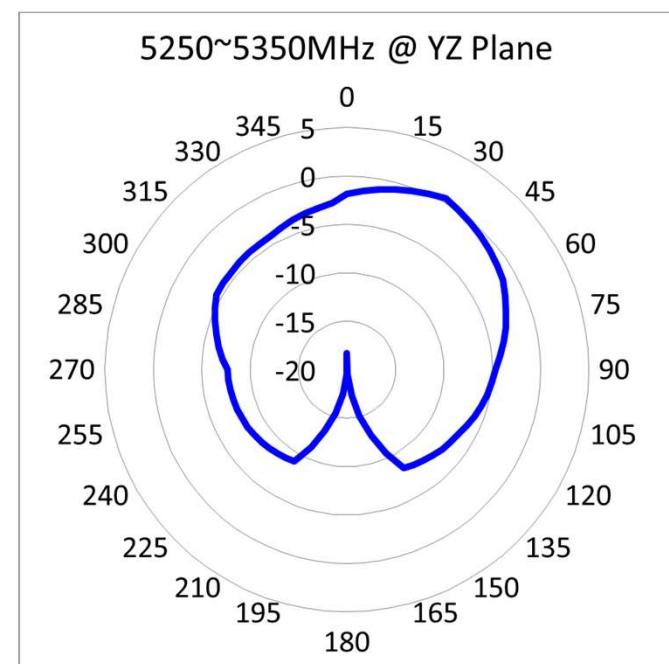
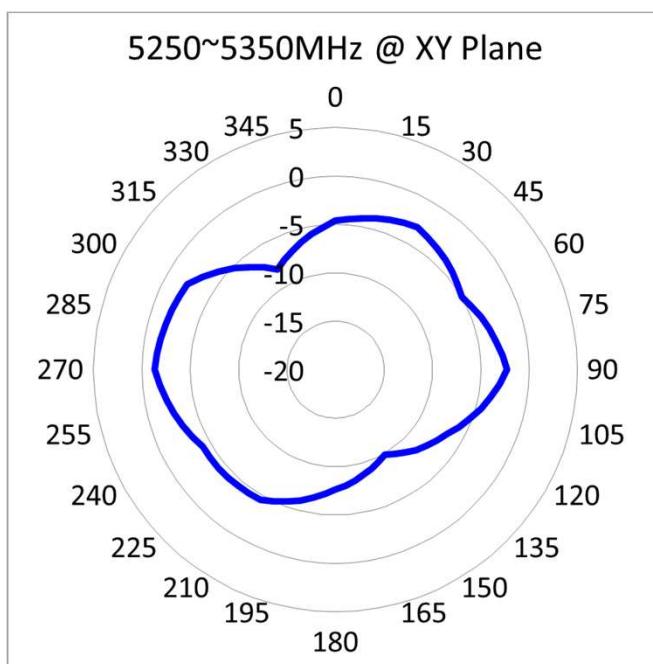
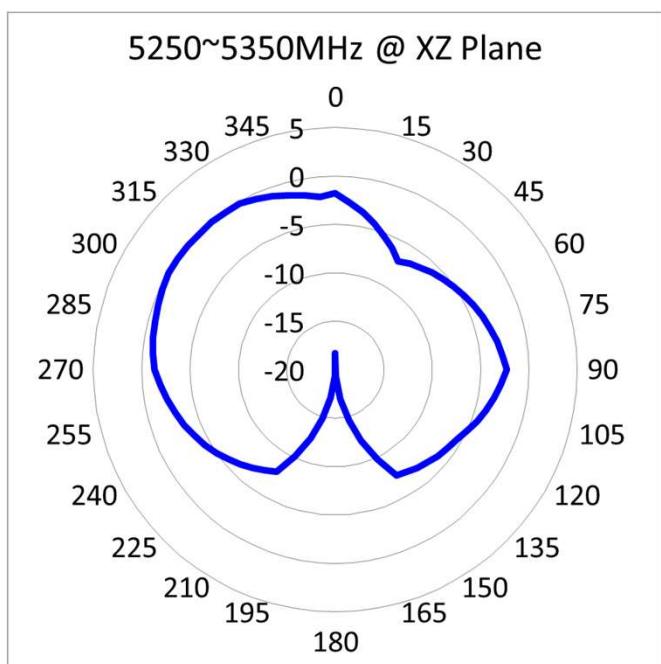


5150~5250MHz @ YZ Plane



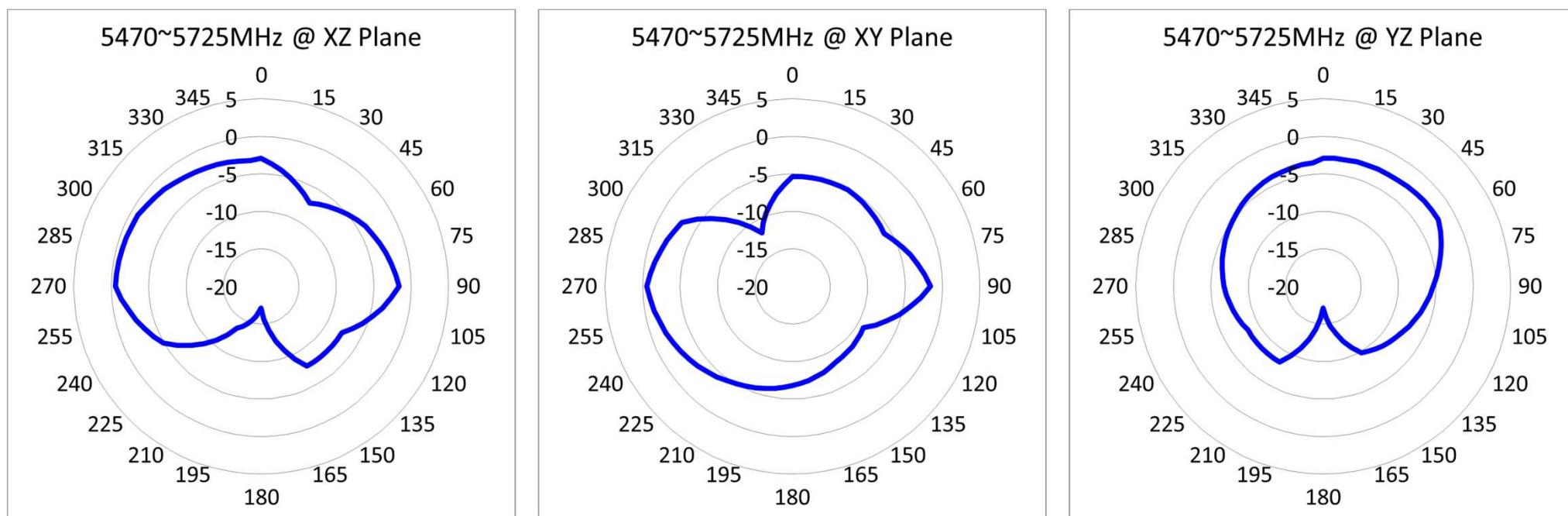
WiFi Aux Antenna 2D Radiation Pattern 5250-5350 MHz

auden



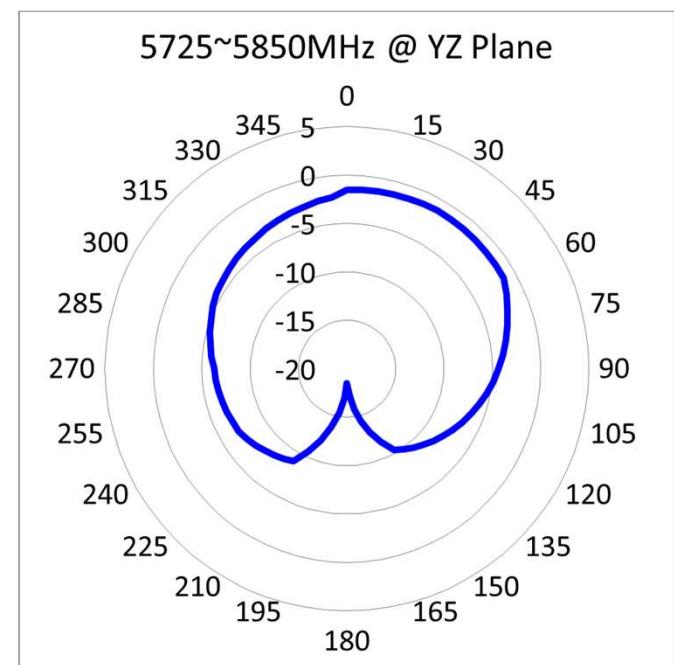
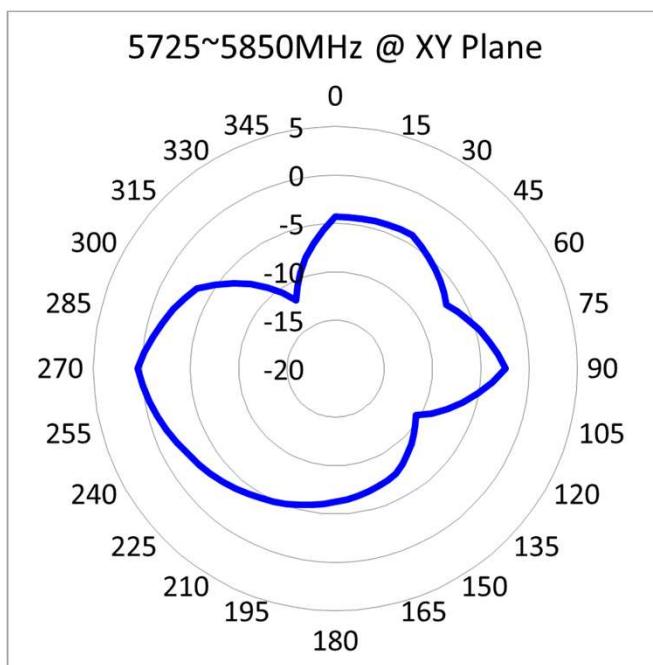
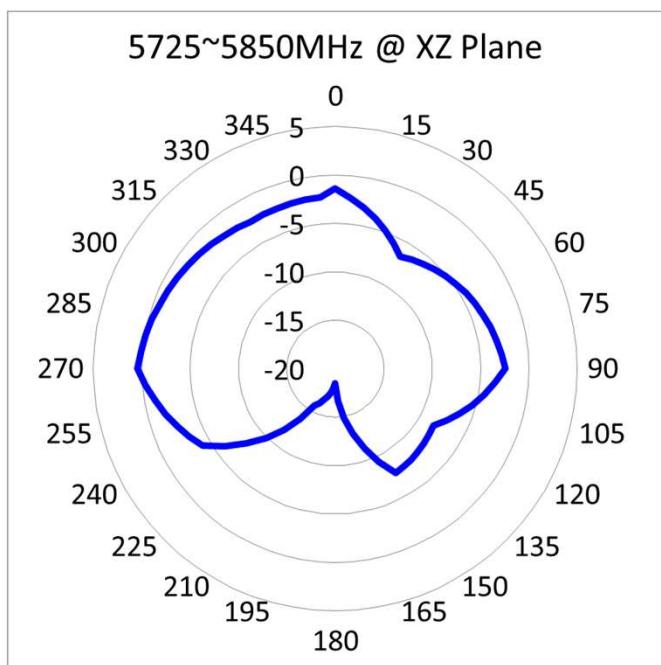
WiFi Aux Antenna 2D Radiation Pattern 5470-5725 MHz

auden



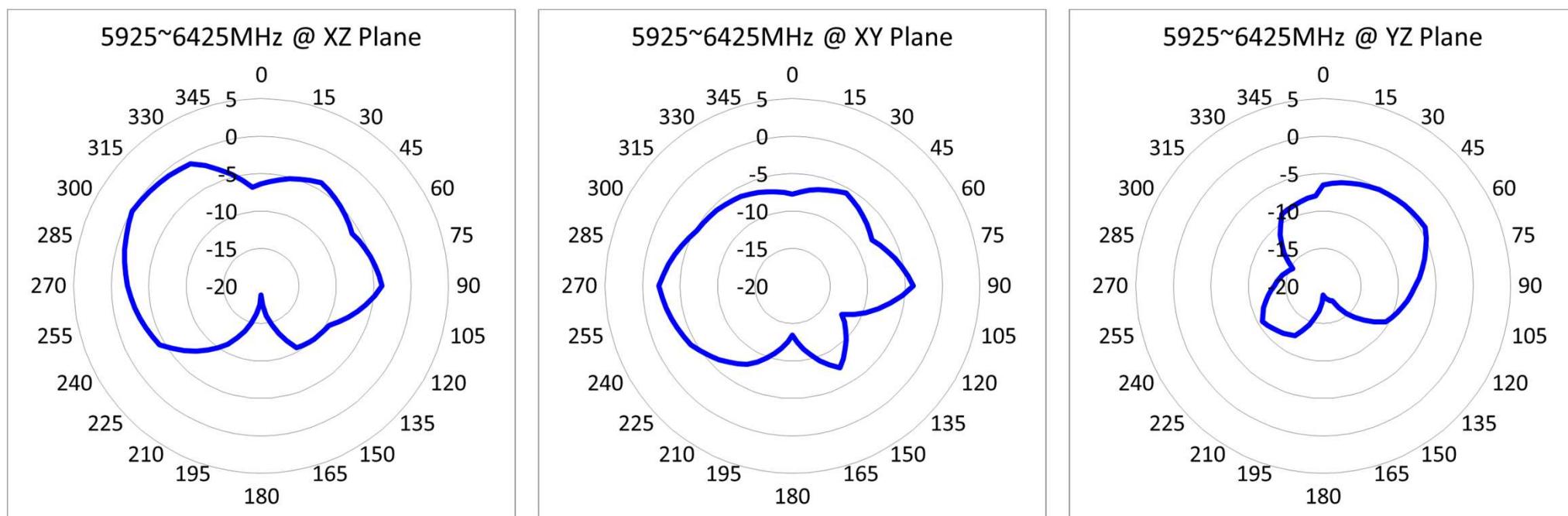
WiFi Aux Antenna 2D Radiation Pattern 5725-5850 MHz

auden



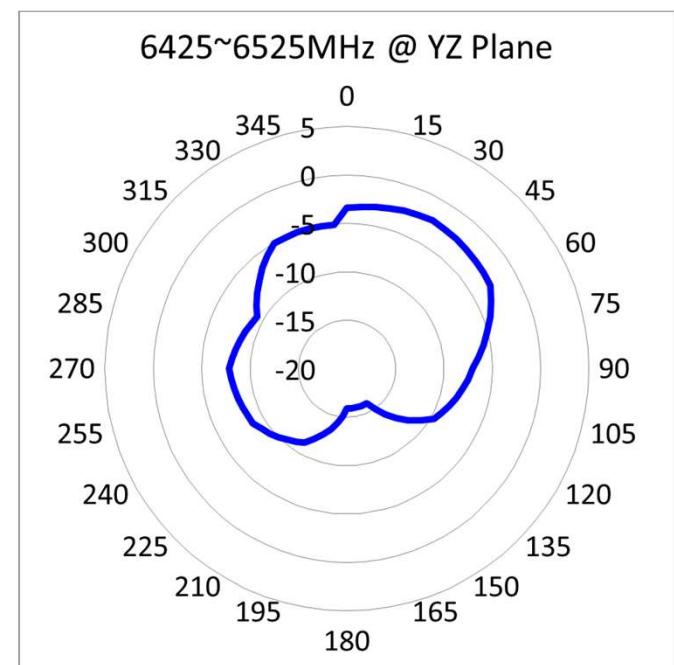
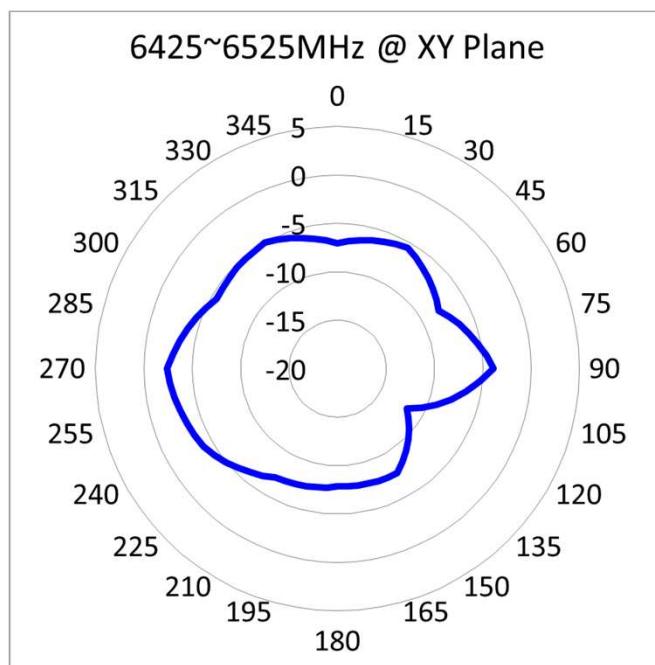
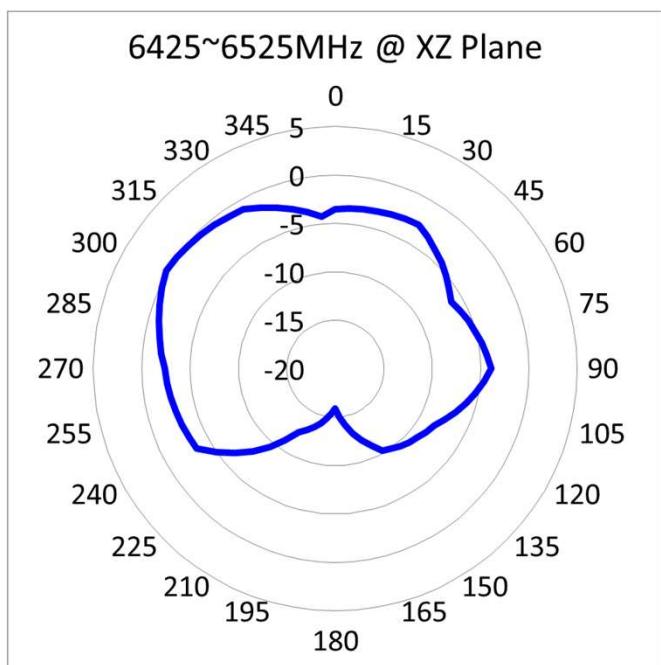
WiFi Aux Antenna 2D Radiation Pattern 5925-6425 MHz

auden



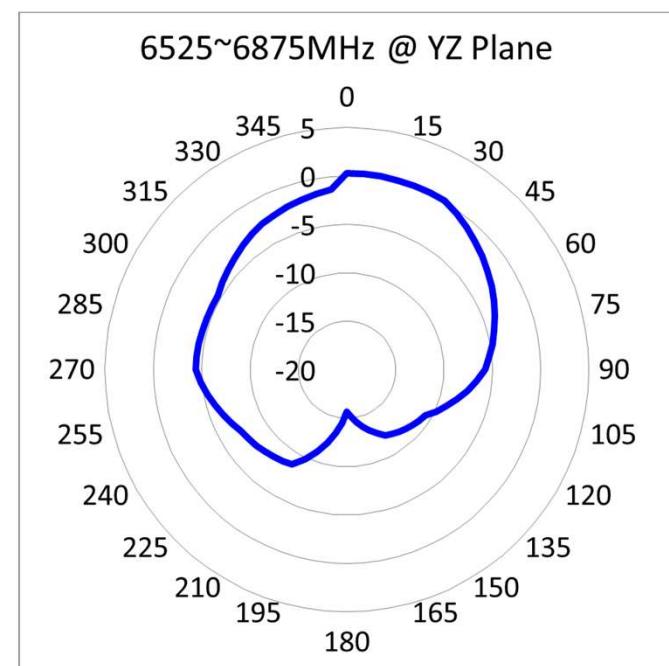
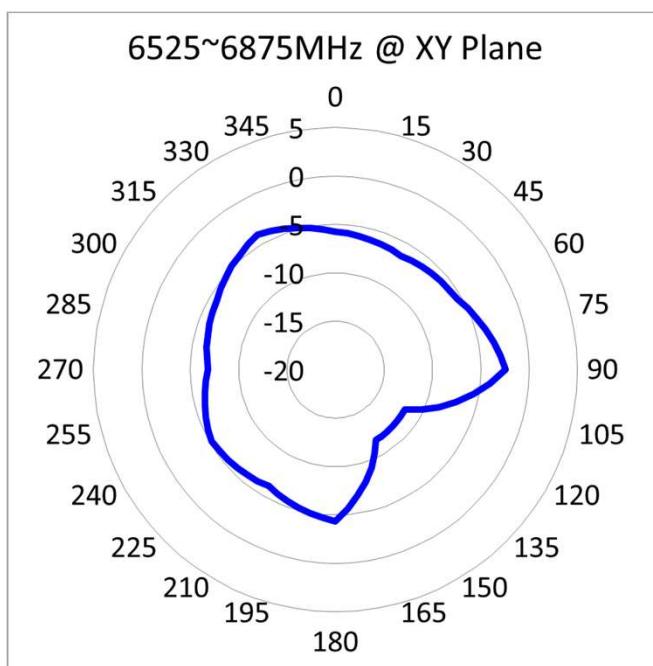
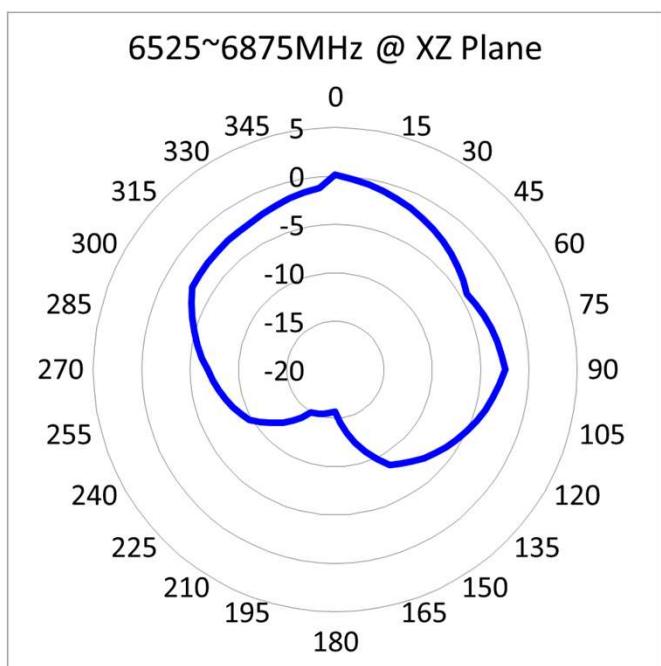
WiFi Aux Antenna 2D Radiation Pattern 6425-6525 MHz

auden^o



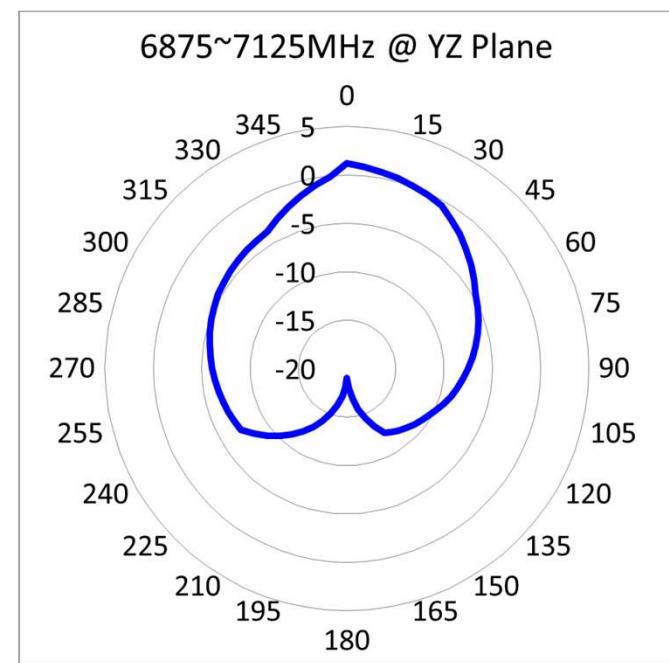
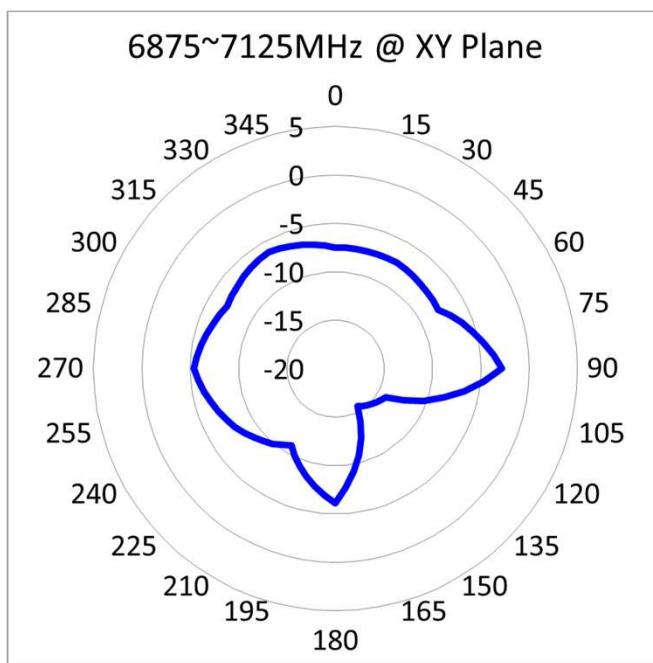
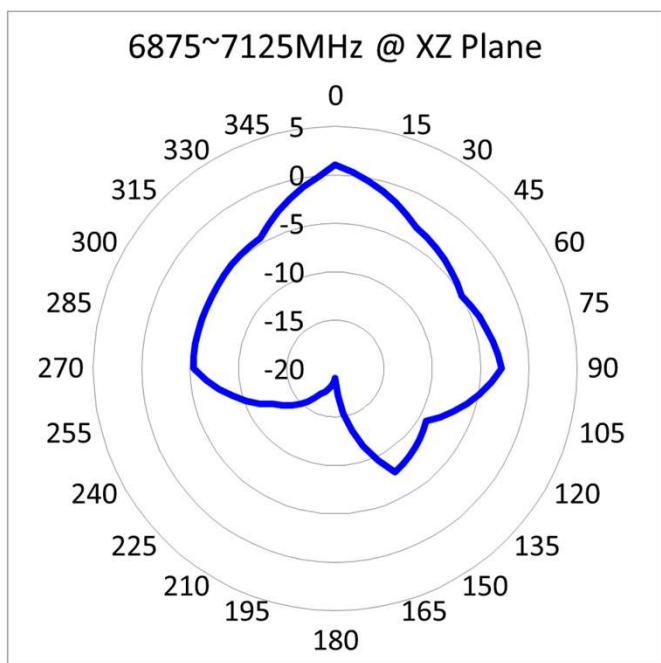
WiFi Aux Antenna 2D Radiation Pattern 6525-6875 MHz

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WiFi Aux Antenna 2D Radiation Pattern 6875-7125 MHz

auden



WiFi Aux Antenna 3D Radiation Pattern 2400-2483.5 MHz

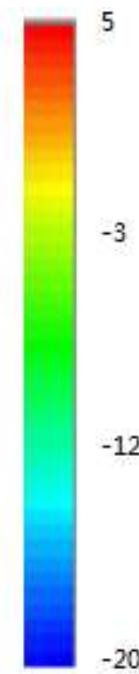
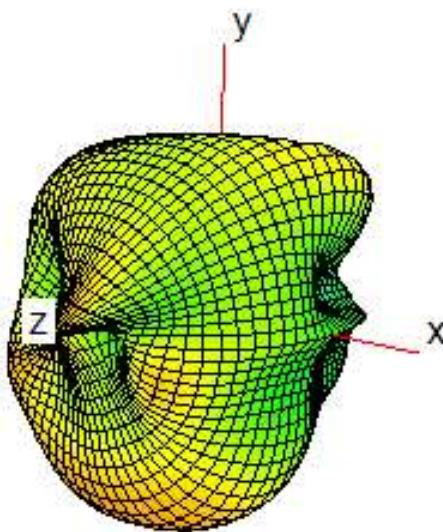
auden^o

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
2400-2483.5	1.19

Total

Azimuth: 15
Elevation: 45
Roll: 99

Zoom Scale



WiFi Aux Antenna 3D Radiation Pattern 5150-5250 MHz

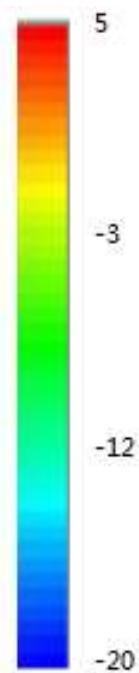
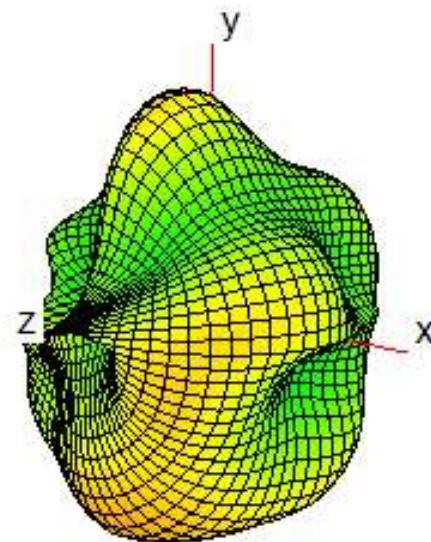
auden^o

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5150-5250	0.95

Total

Azimuth: 15
Elevation: 45
Roll: 99

Zoom Scale



WiFi Aux Antenna 3D Radiation Pattern 5250-5350 MHz

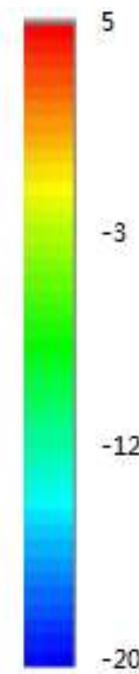
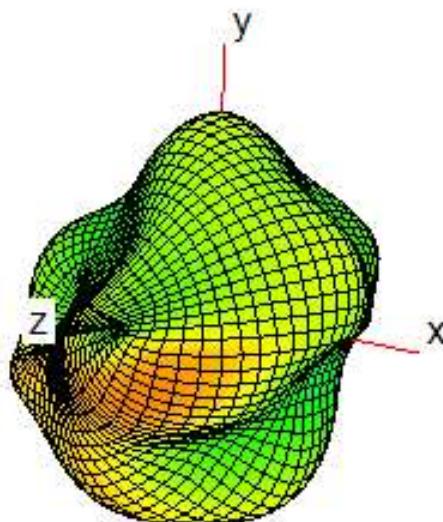
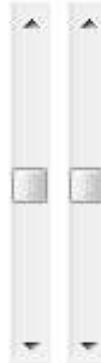
auden^o

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5250-5350	1.55

Total

Azimuth: 15
Elevation: 45
Roll: 99

Zoom Scale



WiFi Aux Antenna 3D Radiation Pattern 5470-5725 MHz

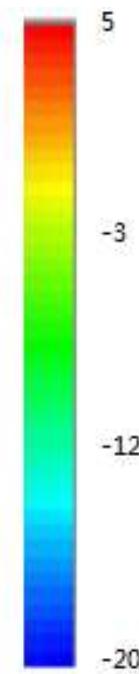
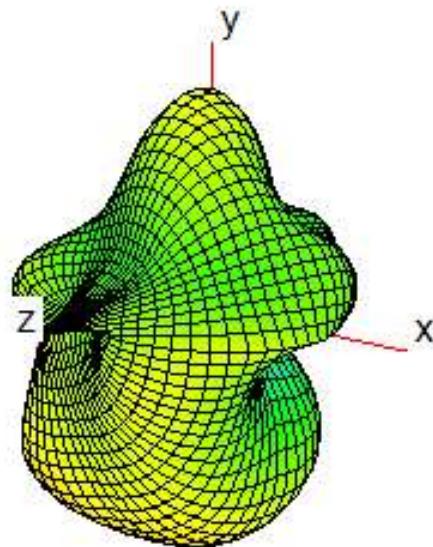
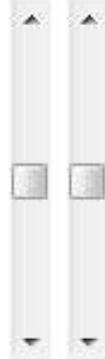
auden^o

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5470-5725	-0.44

Total

Azimuth: 15
Elevation: 45
Roll: 99

Zoom Scale



WiFi Aux Antenna 3D Radiation Pattern 5725-5850 MHz

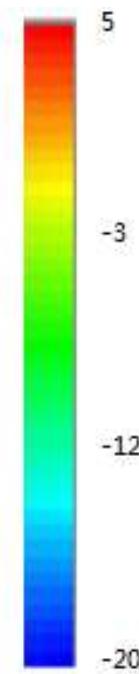
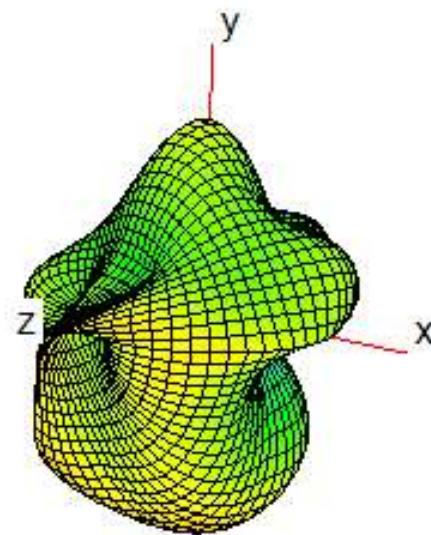
auden^o

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5725-5850	0.45

Total

Azimuth: 15
Elevation: 45
Roll: 99

Zoom Scale



WiFi Aux Antenna 3D Radiation Pattern 5925-6425 MHz

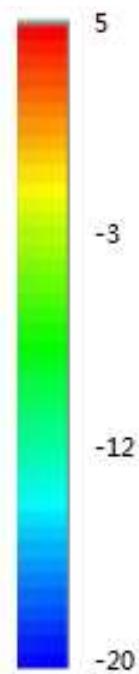
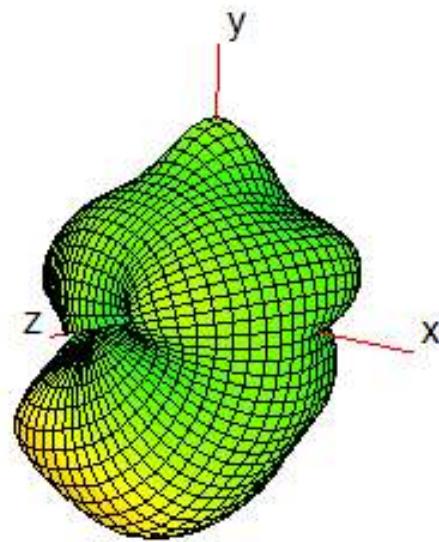
auden^o

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5925-6425	-0.13

Total

Azimuth: 15
Elevation: 45
Roll: 99

Zoom Scale



WiFi Aux Antenna 3D Radiation Pattern 6425-6525 MHz

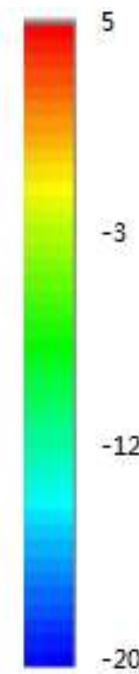
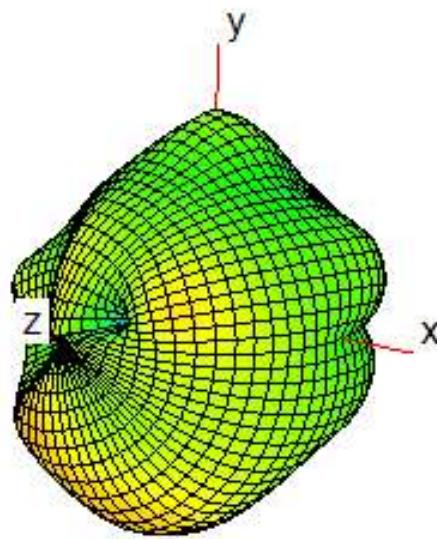
auden^o

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6425-6525	0.37

Total

Azimuth: 15
Elevation: 45
Roll: 99

Zoom Scale



WiFi Aux Antenna 3D Radiation Pattern 6525-6875 MHz

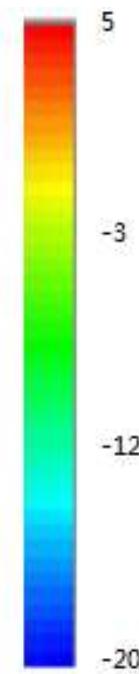
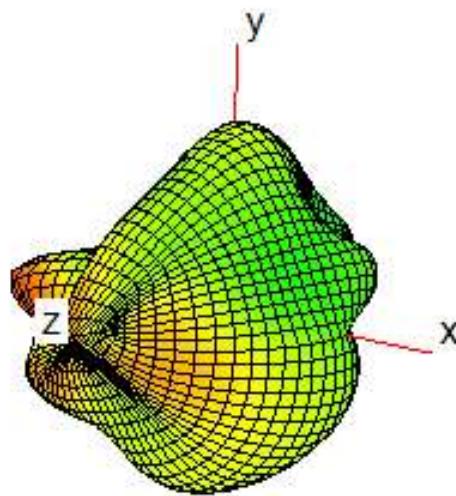
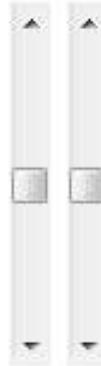
auden^o

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6525-6875	0.51

Total

Azimuth: 15
Elevation: 45
Roll: 99

Zoom Scale



WiFi Aux Antenna 3D Radiation Pattern 6875-7125 MHz

auden^o

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6875-7125	1.22

Total

Azimuth: 15
Elevation: 45
Roll: 99

Zoom Scale

