

Antenna Information

Section 1. Antenna Assembly Specifications

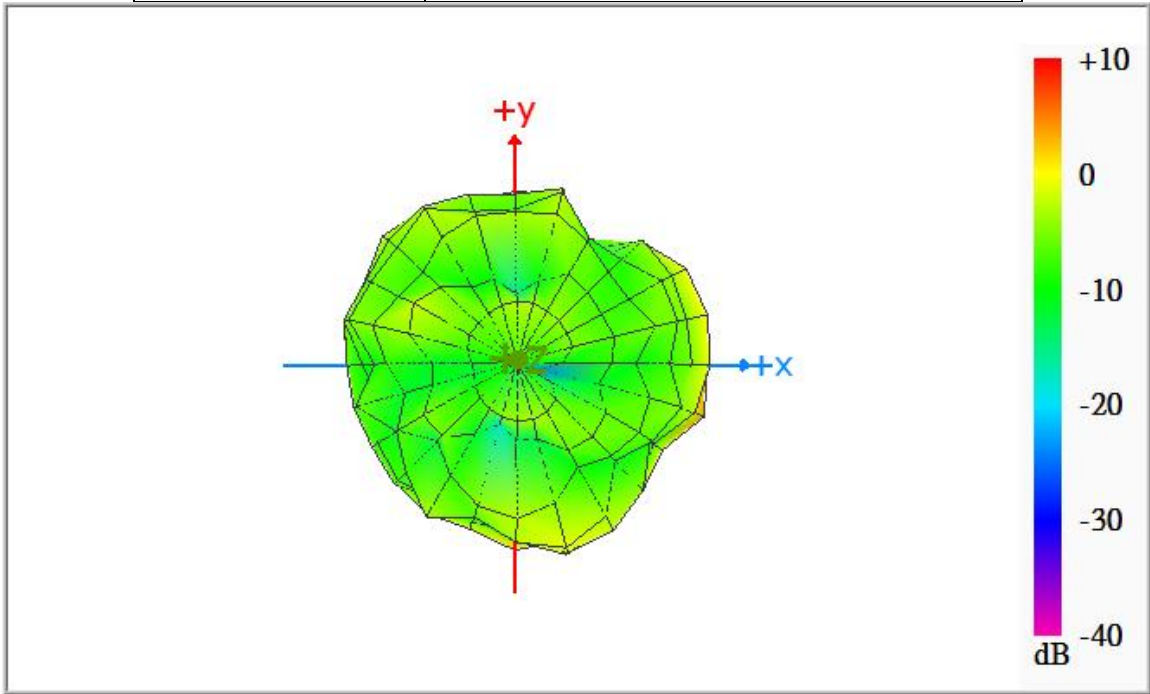
1A Antenna Part Number	1B Manufacturer	1C Antenna Type	1D Cable Assembly Part Number and Information	Freq Range MHz	1E * Peak Gain W/ Cable loss (dBi)	1F Peak Gain w/o Cable Loss (dBi)	1G Max VSWR	1H Cable Loss (dB)
Antenna P/N : HQ20604864000 (WA-P-LE-02-071) Main Antenna	INAPQ	PIFA	50 ohm Coaxial. length:216mm diameterr:1.13mm Connector: Caimei RF-4L13	2400-2483.5	2.31	2.91	3.00 Max	0.60
				5150-5250	2.36	3.25	3.00 Max	0.89
				5250-5350	2.35	3.24	3.00 Max	0.89
				5470-5725	2.74	3.66	3.00 Max	0.92
				5725-5850	2.59	3.52	3.00 Max	0.93
				5850-5895	2.71	3.66	3.00 Max	0.95
				5925-6425	4.22	5.2	3.00 Max	0.98
				6425-6525	3.34	4.34	3.00 Max	1.00
				6525-6875	3.34	4.36	3.00 Max	1.02
				6875-7125	2.11	3.16	3.00 Max	1.05
Antenna P/N : HQ20604863000 (WA-P-LE-03-003) Aux Antenna	INAPQ	PIFA	50 ohm Coaxial. length:383mm diameterr:1.13mm Connector: Caimei RF-4L13	2400-2483.5	2.24	3.3	3.00 Max	1.06
				5150-5250	2.57	4.15	3.00 Max	1.58
				5250-5350	2.85	4.43	3.00 Max	1.58
				5470-5725	2.90	4.53	3.00 Max	1.63
				5725-5850	2.68	4.34	3.00 Max	1.66
				5850-5895	2.88	4.58	3.00 Max	1.70
				5925-6425	3.57	5.31	3.00 Max	1.74
				6425-6525	3.07	4.84	3.00 Max	1.77
				6525-6875	3.61	5.42	3.00 Max	1.81
				6875-7125	3.33	5.2	3.00 Max	1.87

- 3D Antenna Peak Gain required being test in system basis.

Main Antenna

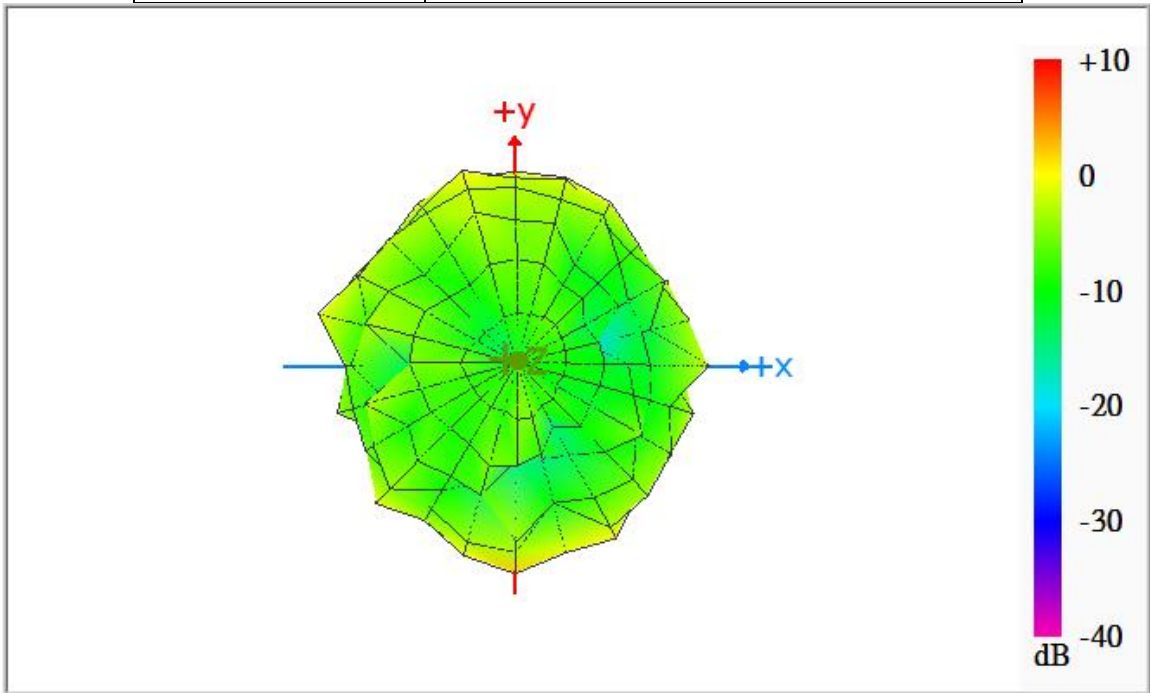
Max Antenna 3D Radiation Pattern 2400 – 2483.5 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
2400-2483.5	2.31



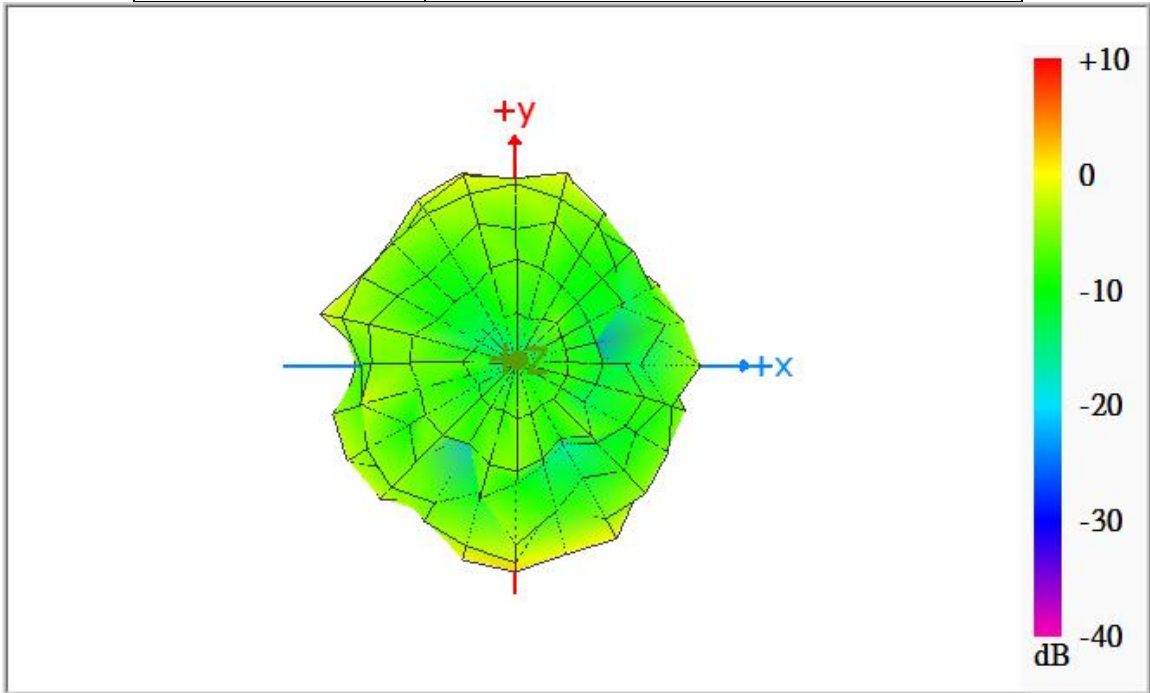
Max Antenna 3D Radiation Pattern 5150-5250 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5150-5250	2.36



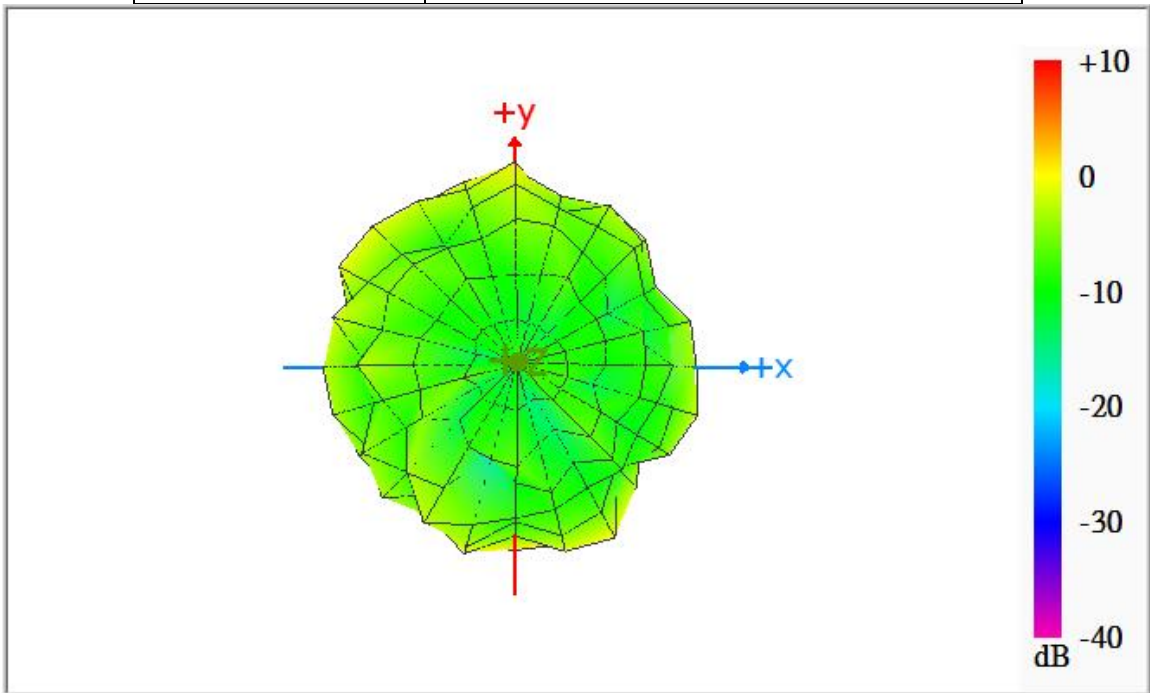
Max Antenna 3D Radiation Pattern 5250-5350 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5250-5350	2.35



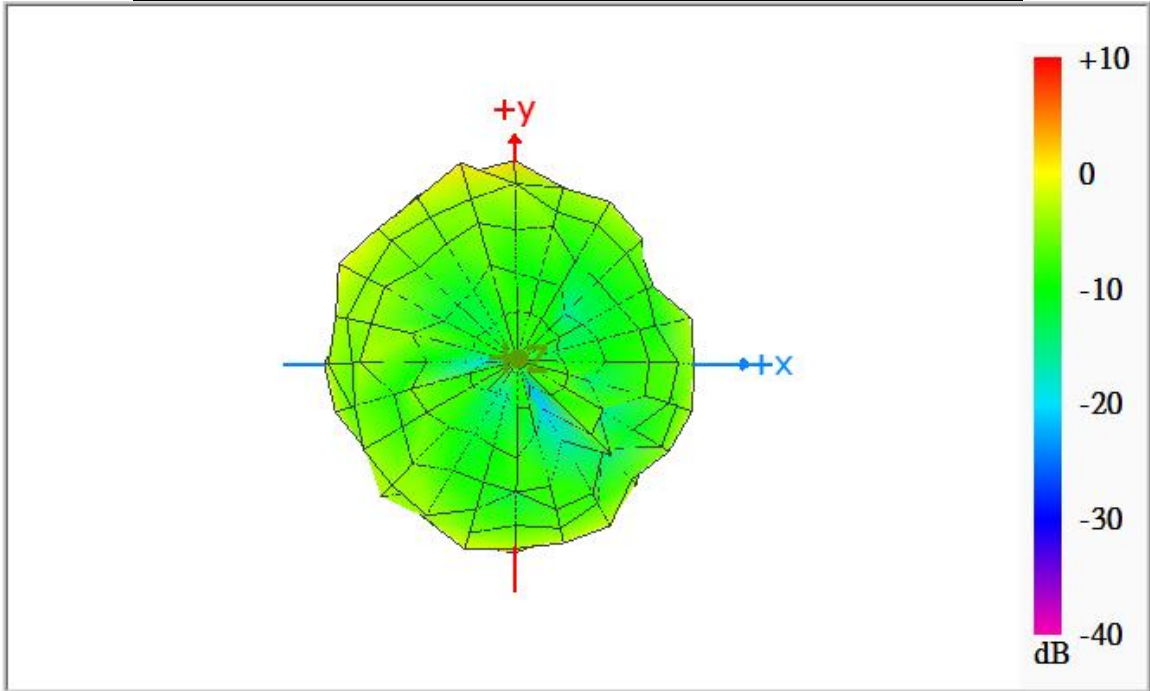
Max Antenna 3D Radiation Pattern 5470-5725 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5470-5725	2.74



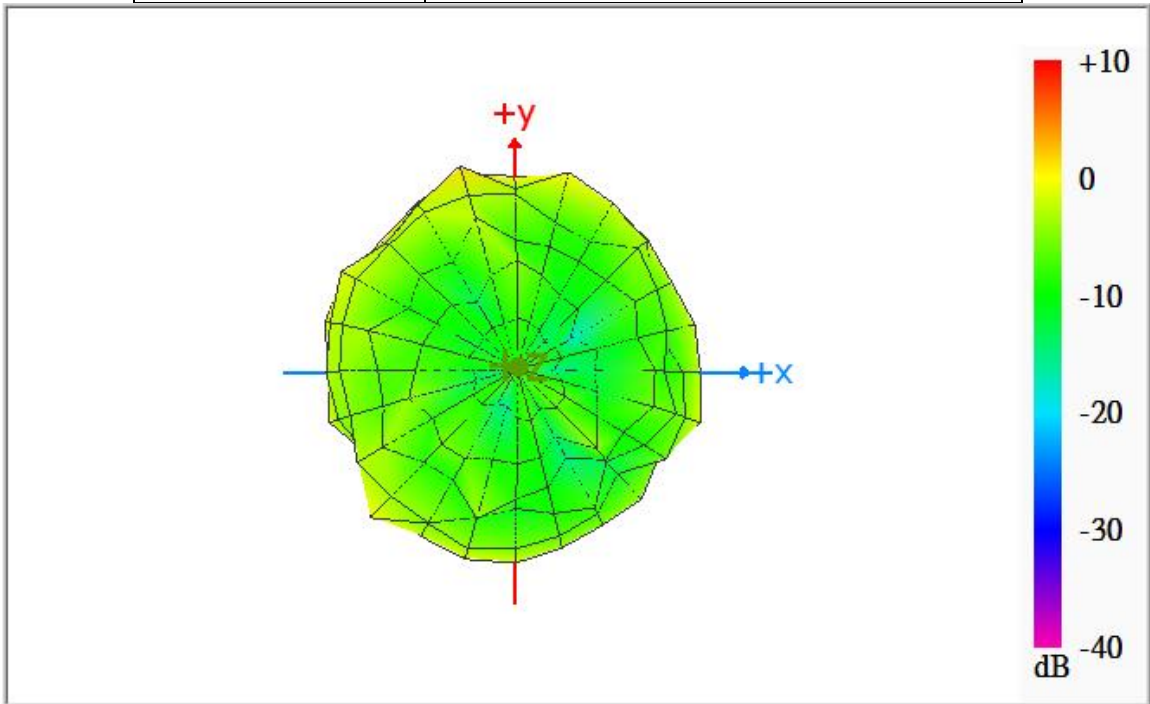
Max Antenna 3D Radiation Pattern 5725-5850 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5725-5850	2.59



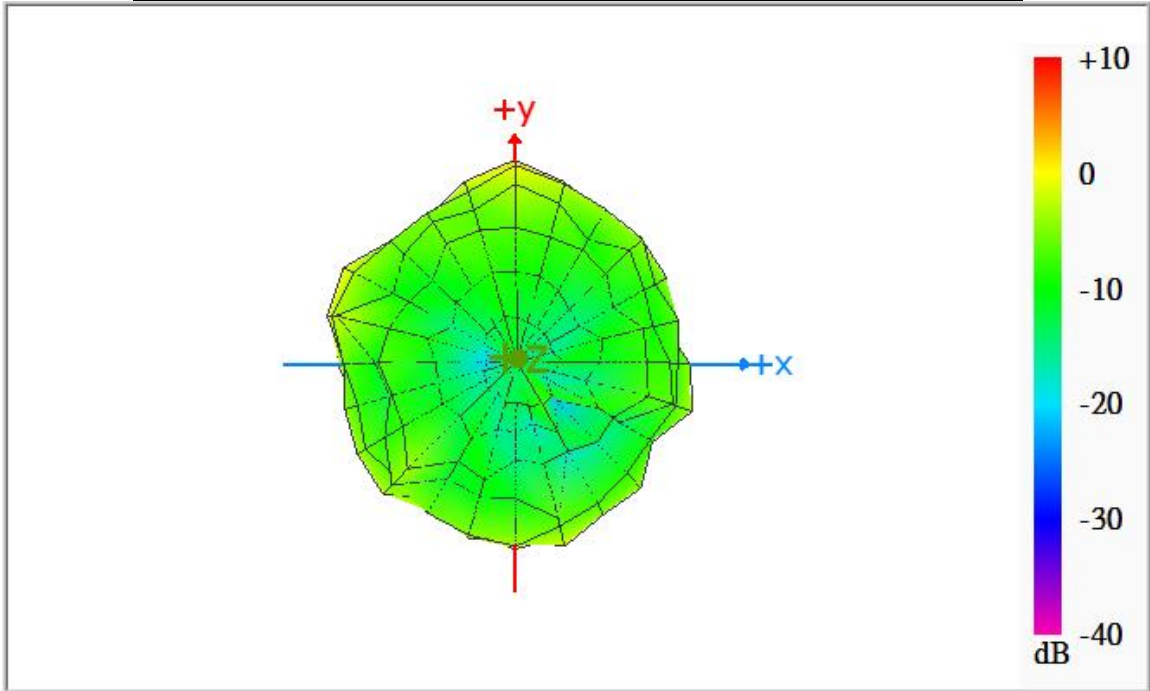
Max Antenna 3D Radiation Pattern 5850-5895 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5850-5895	2.71



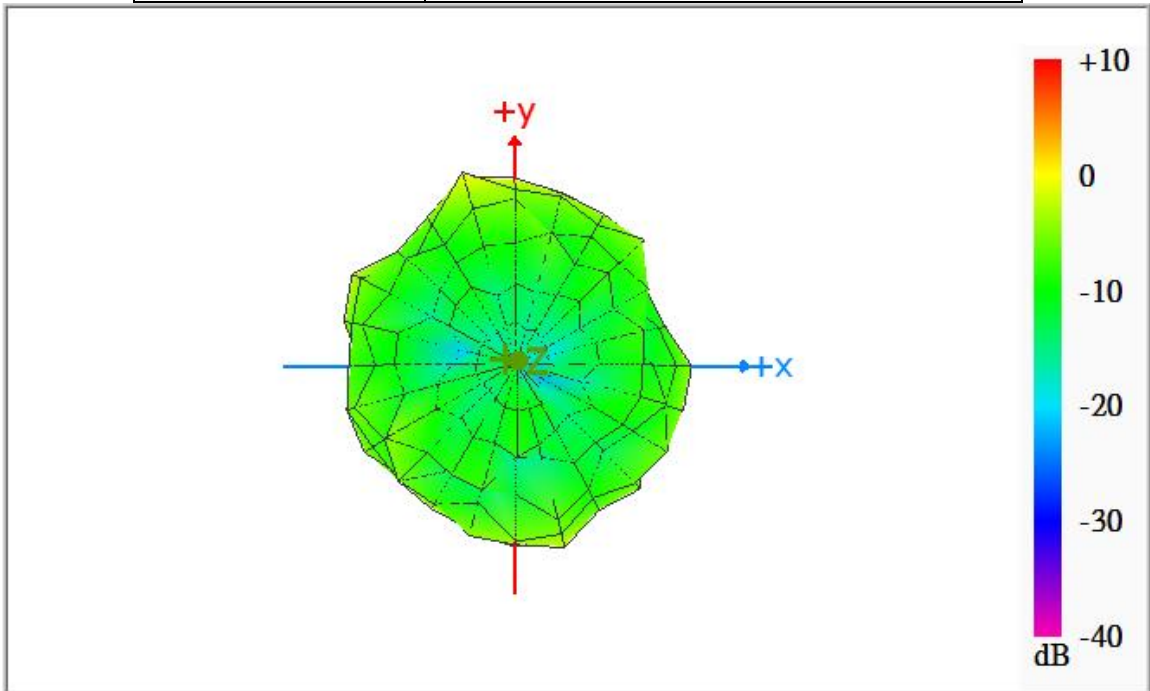
Max Antenna 3D Radiation Pattern 5925-6425 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5925-6425	4.22



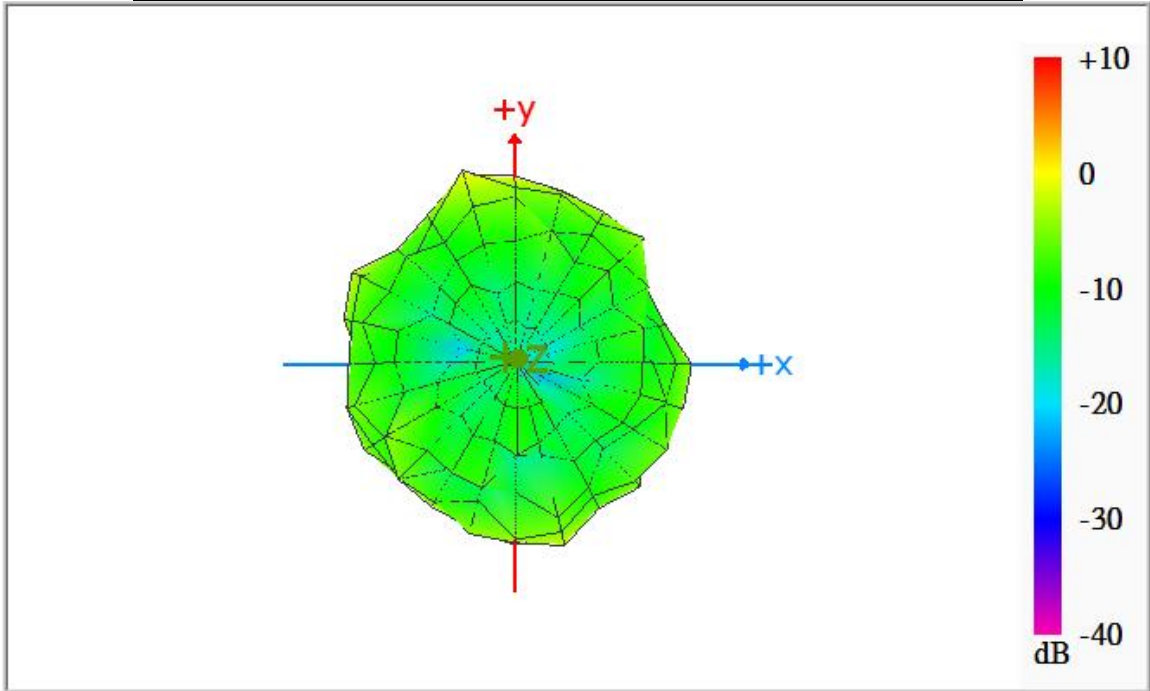
Max Antenna 3D Radiation Pattern 6425-6525 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6425-6525	2.34



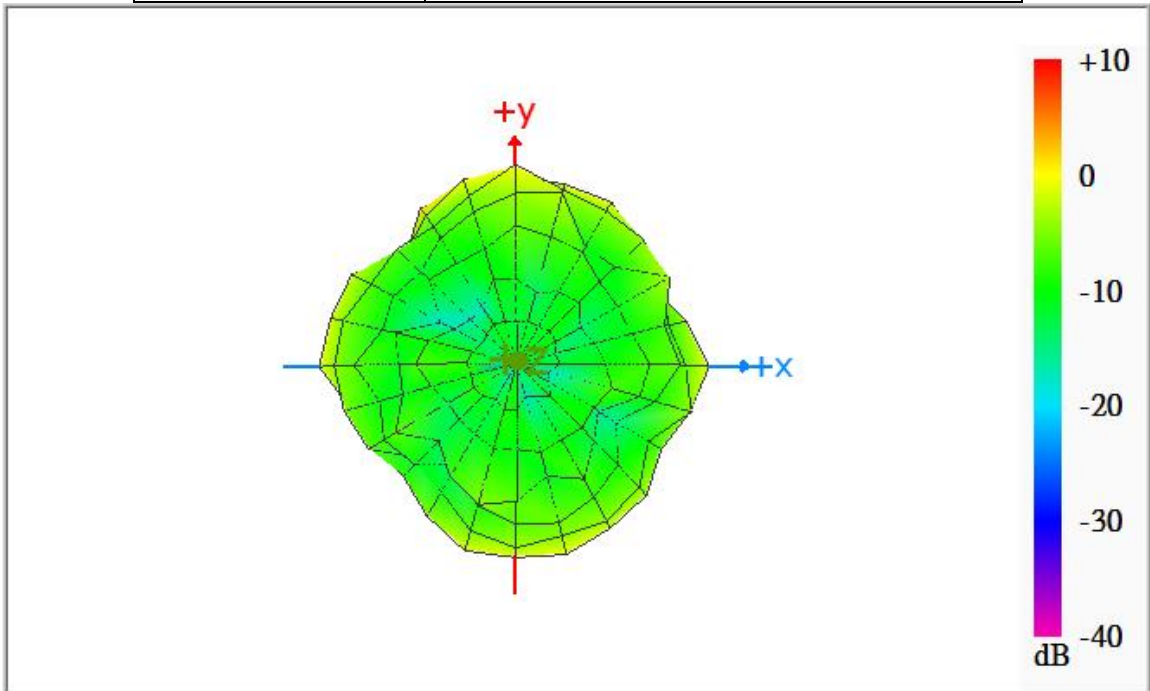
Max Antenna 3D Radiation Pattern 6525-6875 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6525-6875	3.04



Max Antenna 3D Radiation Pattern 6875-7125 MHz

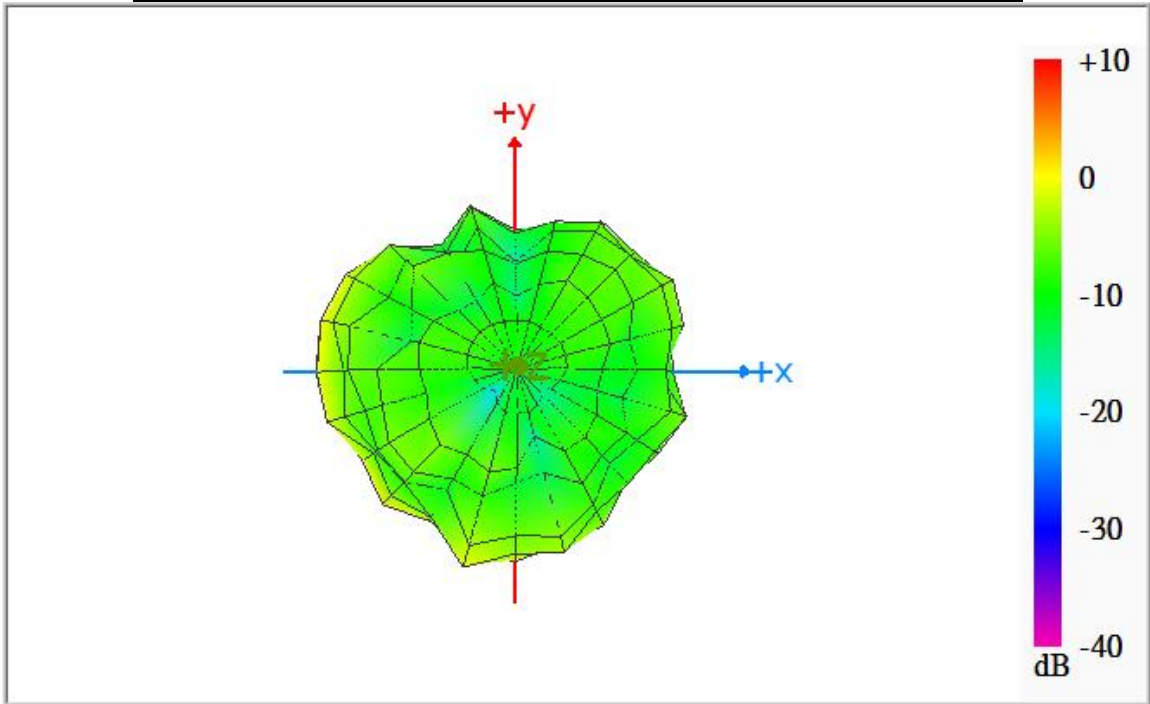
Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6875-7125	2.11



Auxiliary Antenna

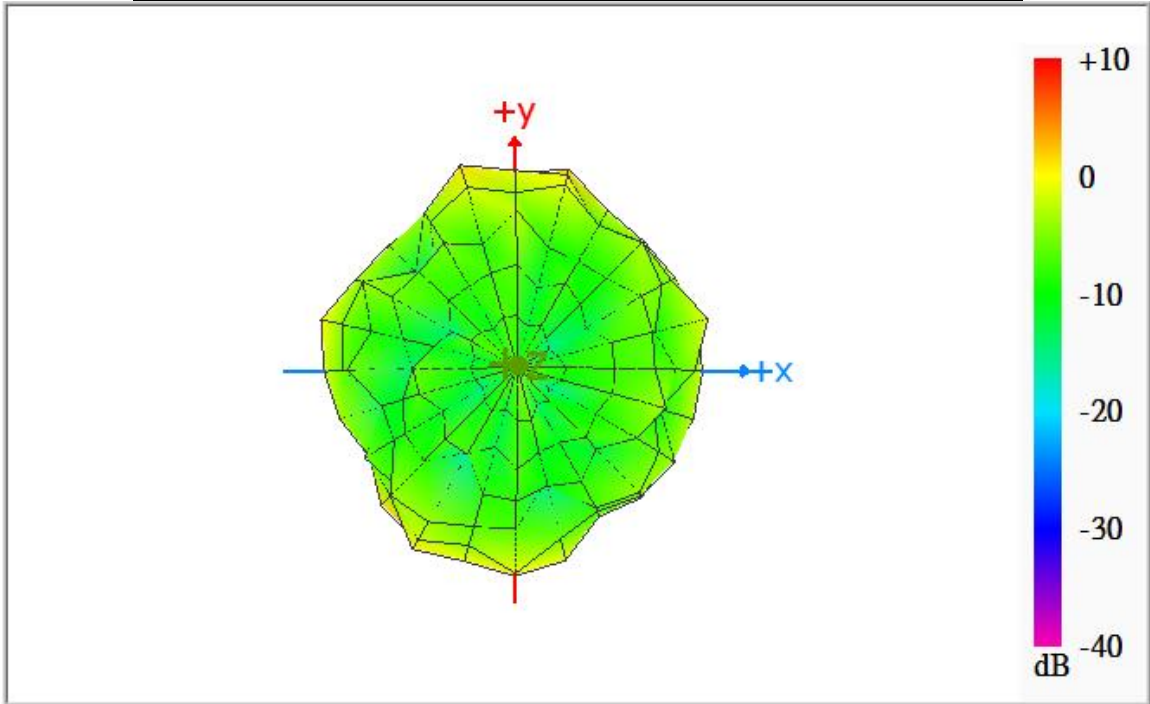
Max Antenna 3D Radiation Pattern 2400 – 2483.5 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
2400-2483.5	2.24



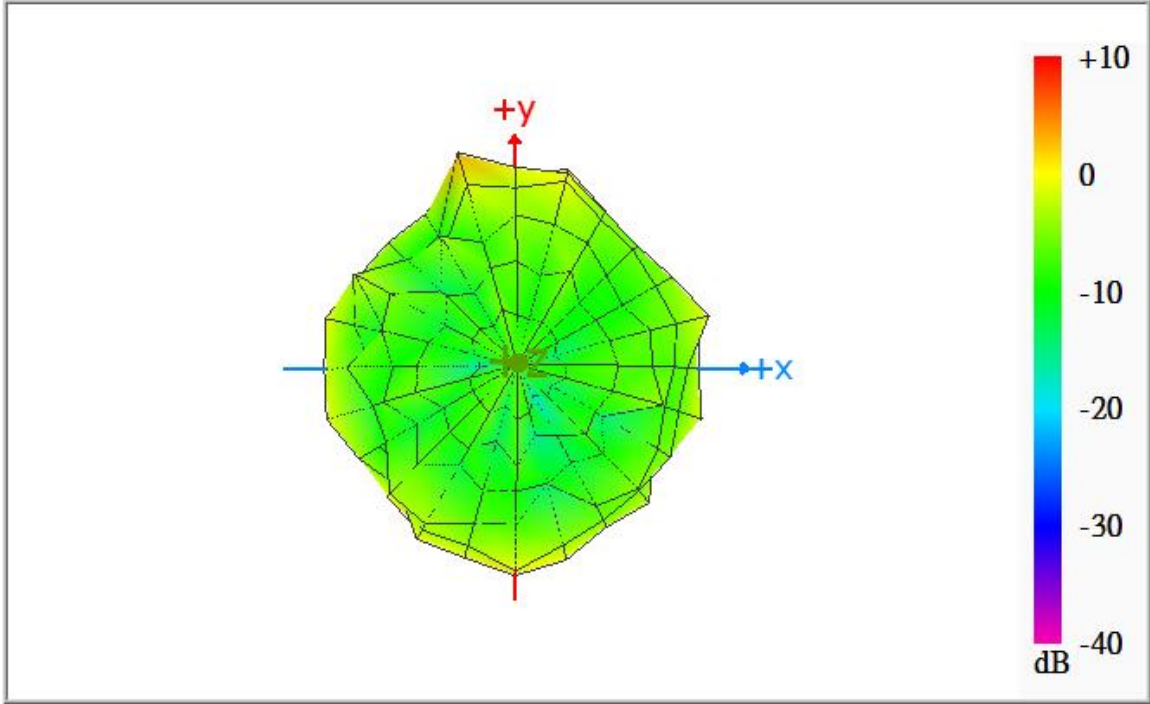
Max Antenna 3D Radiation Pattern 5150-5250 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5150-5250	2.57



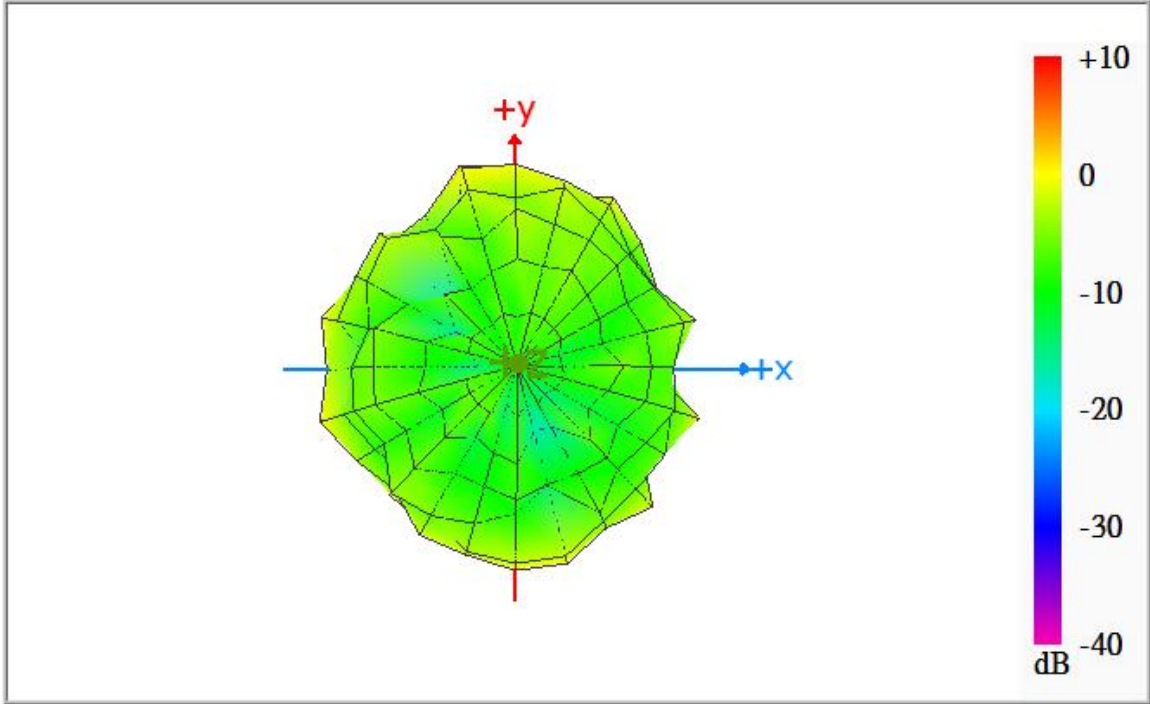
Max Antenna 3D Radiation Pattern 5250-5350 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5250-5350	2.85



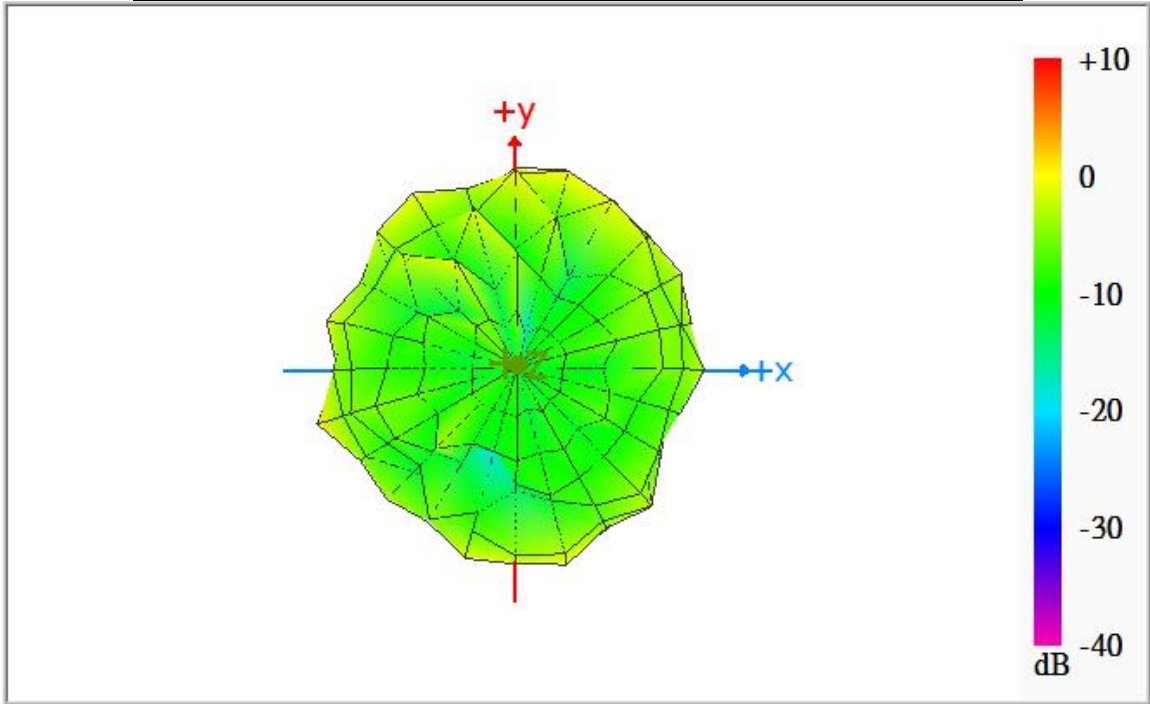
Max Antenna 3D Radiation Pattern 5470-5725 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5470-5725	2.90



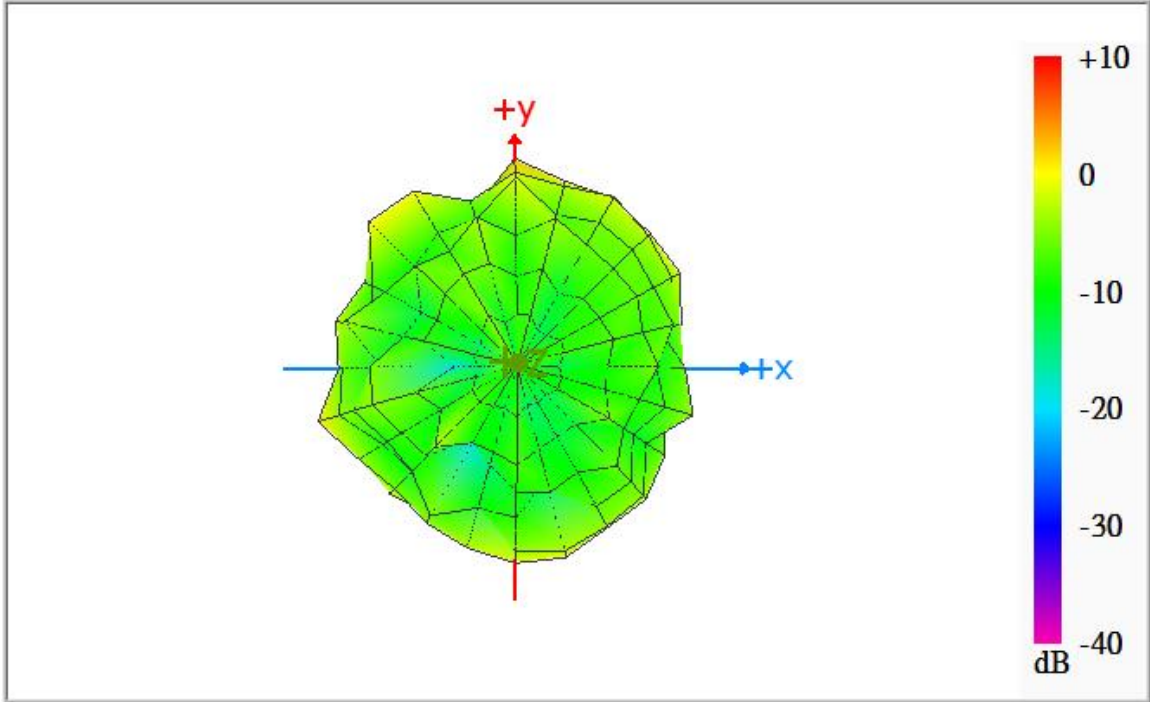
Max Antenna 3D Radiation Pattern 5725-5850 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5725-5850	2.68



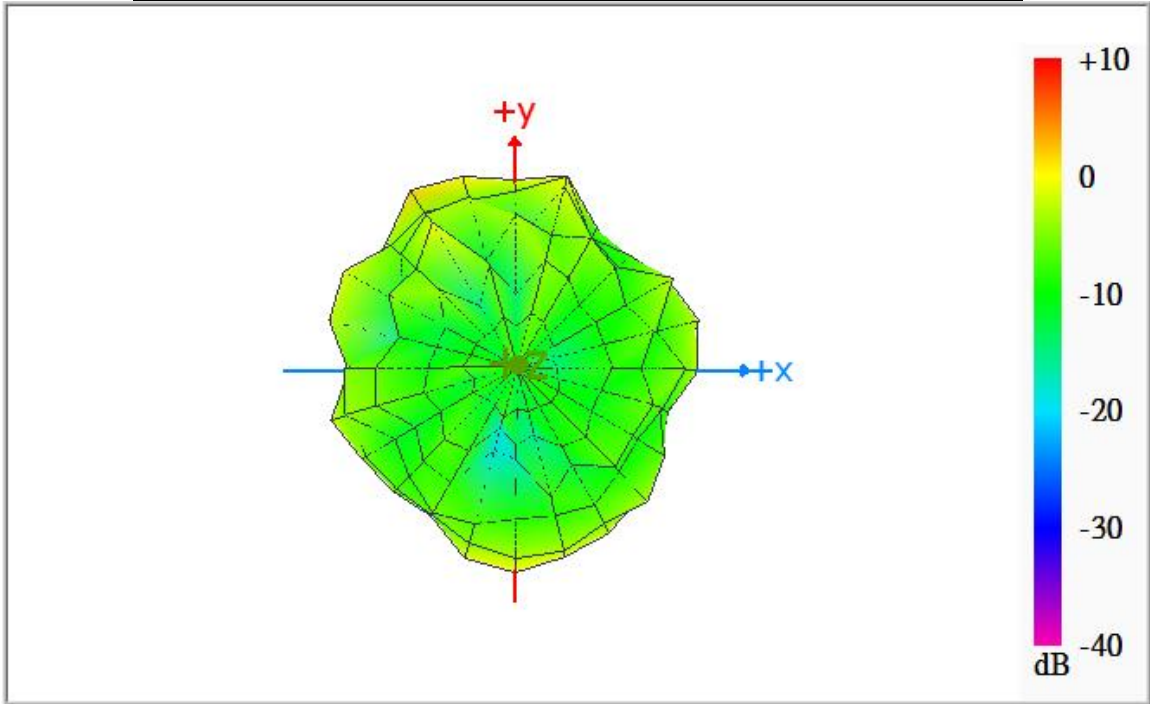
Max Antenna 3D Radiation Pattern 5850-5895 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5850-5895	2.88



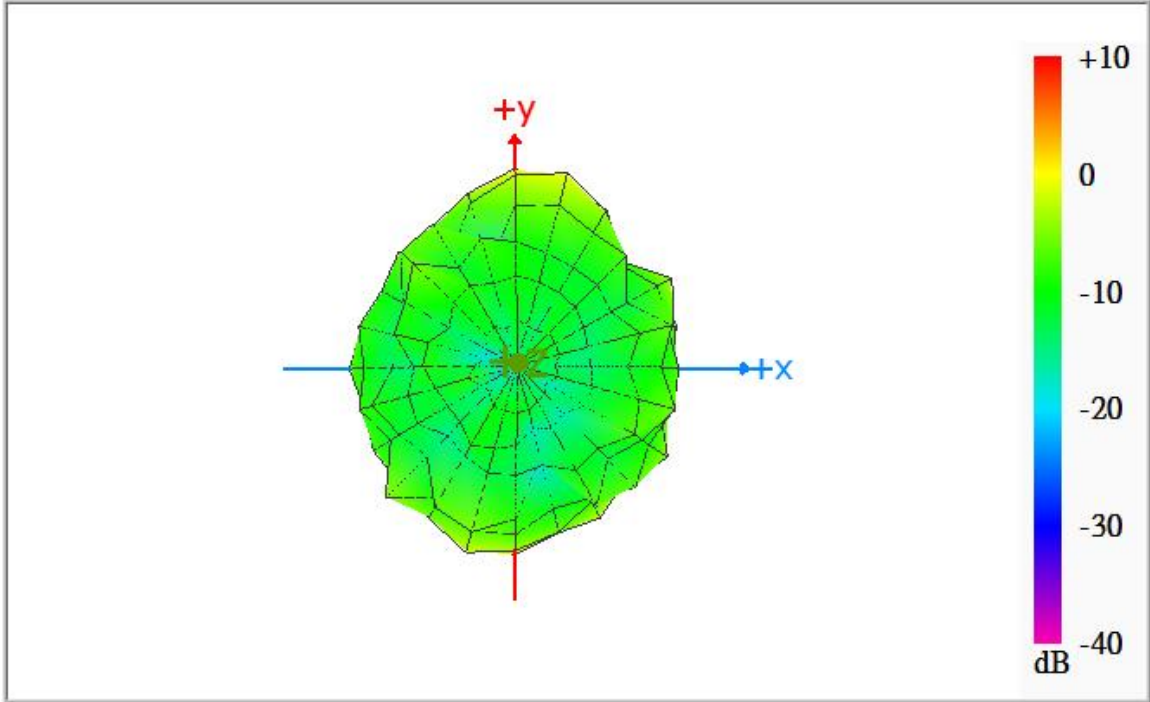
Max Antenna 3D Radiation Pattern 5925-6425 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
5925-6425	2.57



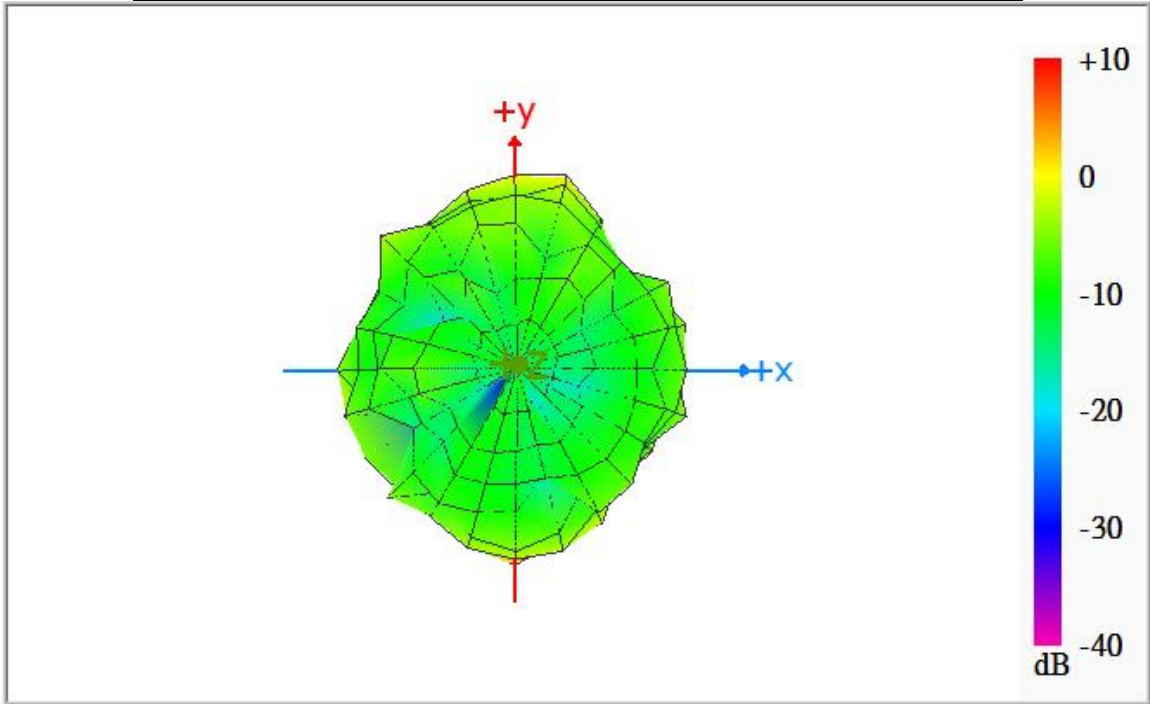
Max Antenna 3D Radiation Pattern 6425-6525 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6425-6525	2.47



Max Antenna 3D Radiation Pattern 6525-6875 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6525-6875	2.94



Max Antenna 3D Radiation Pattern 6875-7125 MHz

Frequency (MHz)	Peak Gain w/ Cable Loss (dBi)
6875-7125	3.13

