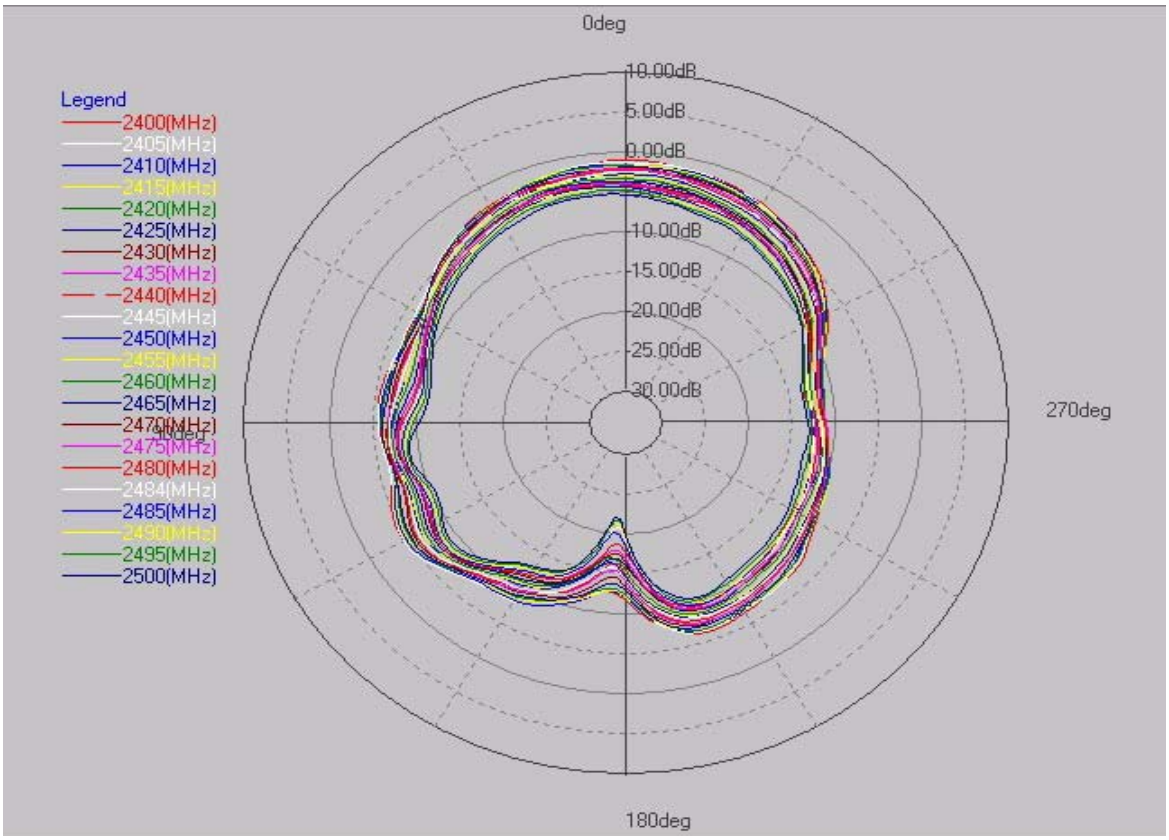
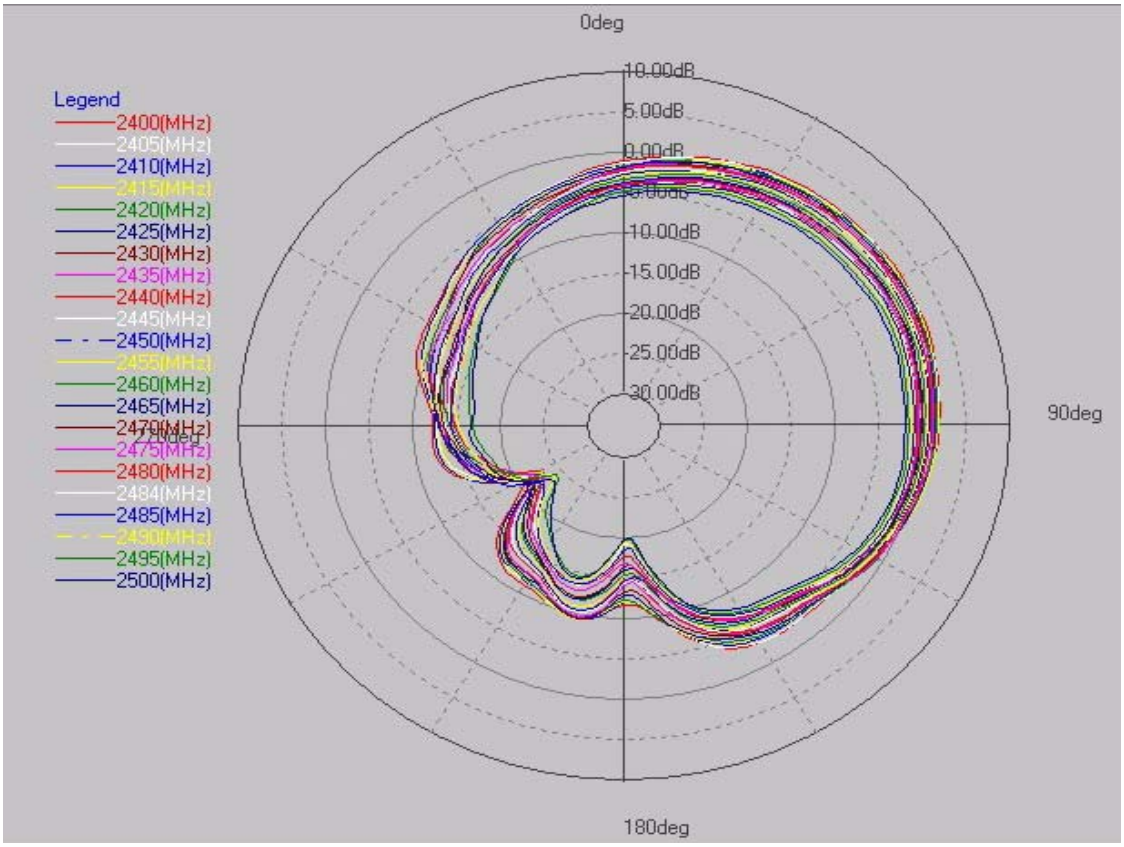
MZ Series BT and 802.11G antenna (CQ18050) - X-Z Plane



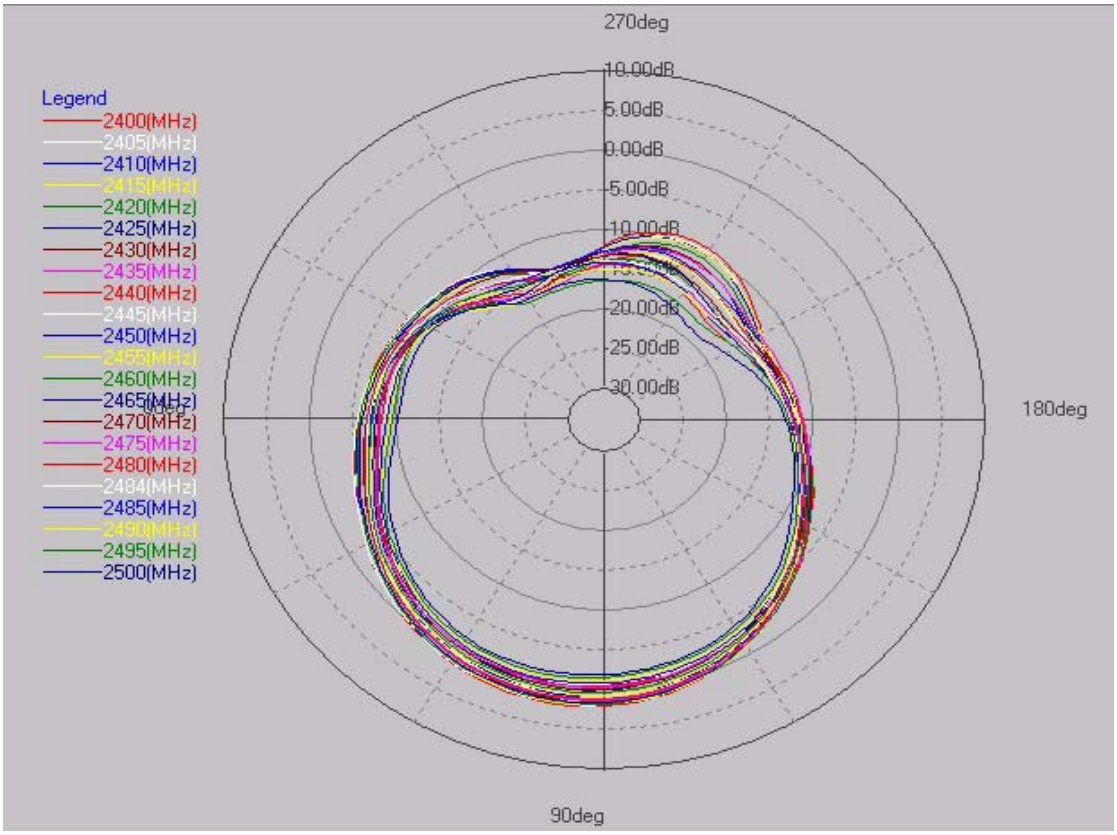
Frequency (MHz)	Max Gain (dBi)	Position	Min Gain (dBi)	Position	BeamWidth	Average Gain (dBi)
2400(MHz)	**-1.34 dB**	0.00 deg	-12.98 dB	174.00 deg	89.36 deg	-5.96 dB
2405(MHz)	-1.62 dB	3.00 deg	-13.08 dB	174.00 deg	92.78 deg	-6.04 dB
2410(MHz)	-1.87 dB	9.00 deg	-12.85 dB	174.00 deg	94.11 deg	-6.20 dB
2415(MHz)	-1.91 dB	9.00 deg	-12.92 dB	177.00 deg	93.29 deg	-6.29 dB
2420(MHz)	-1.97 dB	9.00 deg	-13.21 dB	174.00 deg	92.44 deg	-6.38 dB
2425(MHz)	-2.17 dB	-3.00 deg	-13.89 dB	177.00 deg	93.39 deg	-6.57 dB
2430(MHz)	-2.31 dB	0.00 deg	-14.61 dB	174.00 deg	92.58 deg	-6.84 dB
2435(MHz)	-2.37 dB	0.00 deg	-15.49 dB	174.00 deg	91.25 deg	-6.99 dB
2440(MHz)	-2.59 dB	0.00 deg	-16.34 dB	177.00 deg	90.77 deg	-7.16 dB
2445(MHz)	-2.78 dB	-3.00 deg	-15.94 dB	174.00 deg	91.38 deg	-7.40 dB
2450(MHz)	-3.09 dB	-3.00 deg	-16.48 dB	174.00 deg	93.12 deg	-7.61 dB
2455(MHz)	-3.31 dB	0.00 deg	-17.57 dB	174.00 deg	94.44 deg	-7.77 dB
2460(MHz)	-3.55 dB	12.00 deg	-17.13 dB	174.00 deg	93.58 deg	-8.03 dB
2465(MHz)	-3.84 dB	12.00 deg	-17.01 dB	177.00 deg	94.14 deg	-8.39 dB
2470(MHz)	-3.96 dB	12.00 deg	-17.51 dB	174.00 deg	94.31 deg	-8.55 dB
2475(MHz)	-3.97 dB	12.00 deg	-18.03 dB	177.00 deg	91.60 deg	-8.65 dB
2480(MHz)	-4.30 dB	6.00 deg	-18.84 dB	177.00 deg	94.75 deg	-8.88 dB
2484(MHz)	-4.47 dB	9.00 deg	-20.89 dB	177.00 deg	94.91 deg	-9.10 dB
2485(MHz)	-4.53 dB	6.00 deg	-20.20 dB	174.00 deg	94.36 deg	-9.16 dB
2490(MHz)	-4.71 dB	15.00 deg	-21.57 dB	174.00 deg	91.77 deg	-9.46 dB
2495(MHz)	-5.02 dB	3.00 deg	-21.75 dB	174.00 deg	93.42 deg	-9.68 dB
2500(MHz)	-5.49 dB	9.00 deg	**-22.21 dB**	174.00 deg	94.95 deg	-10.06 dB

MZ Series BT and 802.11G antenna (CQ18050) - Y-Z Plane



Frequency (MHz)	Max Gain (dBi)	Position	Min Gain (dBi)	Position	BeamWidth	Average Gain (dBi)
2400(MHz)	**2.64 dB**	63.00 deg	-20.55 dB	-123.00 deg	105.38 deg	-3.43 dB
2405(MHz)	2.49 dB	66.00 deg	-22.79 dB	-123.00 deg	106.66 deg	-3.61 dB
2410(MHz)	2.38 dB	66.00 deg	-21.74 dB	-123.00 deg	105.94 deg	-3.72 dB
2415(MHz)	2.43 dB	66.00 deg	-21.77 dB	-123.00 deg	105.67 deg	-3.78 dB
2420(MHz)	2.31 dB	66.00 deg	-22.46 dB	-123.00 deg	107.65 deg	-3.95 dB
2425(MHz)	2.11 dB	66.00 deg	-21.55 dB	-123.00 deg	109.54 deg	-4.11 dB
2430(MHz)	1.94 dB	66.00 deg	-20.96 dB	-123.00 deg	108.42 deg	-4.30 dB
2435(MHz)	1.87 dB	69.00 deg	-21.78 dB	-123.00 deg	109.09 deg	-4.45 dB
2440(MHz)	1.58 dB	66.00 deg	-23.22 dB	-123.00 deg	111.23 deg	-4.75 dB
2445(MHz)	1.27 dB	69.00 deg	-22.13 dB	-123.00 deg	111.03 deg	-4.96 dB
2450(MHz)	1.15 dB	69.00 deg	-21.47 dB	-126.00 deg	110.70 deg	-5.07 dB
2455(MHz)	1.00 dB	69.00 deg	-23.09 dB	-123.00 deg	111.99 deg	-5.29 dB
2460(MHz)	0.75 dB	69.00 deg	-22.72 dB	-123.00 deg	111.06 deg	-5.61 dB
2465(MHz)	0.38 dB	69.00 deg	-21.18 dB	-126.00 deg	110.93 deg	-5.88 dB
2470(MHz)	0.18 dB	69.00 deg	-21.57 dB	-126.00 deg	112.08 deg	-6.06 dB
2475(MHz)	-0.06 dB	69.00 deg	-22.91 dB	-126.00 deg	112.99 deg	-6.34 dB
2480(MHz)	-0.33 dB	69.00 deg	-22.20 dB	-126.00 deg	113.67 deg	-6.58 dB
2484(MHz)	-0.42 dB	69.00 deg	-22.34 dB	-129.00 deg	113.48 deg	-6.70 dB
2485(MHz)	-0.53 dB	69.00 deg	-22.49 dB	-129.00 deg	112.70 deg	-6.78 dB
2490(MHz)	-0.81 dB	69.00 deg	-24.00 dB	-129.00 deg	114.54 deg	-7.12 dB
2495(MHz)	-1.15 dB	69.00 deg	**-24.34 dB**	-129.00 deg	116.06 deg	-7.48 dB
2500(MHz)	-1.64 dB	69.00 deg	-23.59 dB	-132.00 deg	117.53 deg	-7.83 dB

MZ Series BT and 802.11G antenna (CQ18050) - X-Y Plane



Frequency (MHz)	Max Gain (dBi)	Position	Min Gain (dBi)	Position	BeamWidth	Average Gain (dBi)
2400(MHz)	**2.13 dB**	81.00 deg	-15.26 dB	285.00 deg	77.46 deg	-5.04 dB
2405(MHz)	2.02 dB	81.00 deg	-15.07 dB	285.00 deg	77.85 deg	-5.16 dB
2410(MHz)	1.91 dB	81.00 deg	-14.53 dB	285.00 deg	77.46 deg	-5.31 dB
2415(MHz)	1.91 dB	81.00 deg	-15.02 dB	285.00 deg	78.12 deg	-5.32 dB
2420(MHz)	1.84 dB	81.00 deg	-15.54 dB	285.00 deg	78.71 deg	-5.37 dB
2425(MHz)	1.68 dB	81.00 deg	-14.85 dB	282.00 deg	78.12 deg	-5.58 dB
2430(MHz)	1.45 dB	81.00 deg	-14.34 dB	285.00 deg	78.52 deg	-5.78 dB
2435(MHz)	1.41 dB	84.00 deg	-15.13 dB	288.00 deg	79.44 deg	-5.82 dB
2440(MHz)	1.22 dB	81.00 deg	-15.74 dB	285.00 deg	79.91 deg	-6.03 dB
2445(MHz)	0.91 dB	81.00 deg	-14.80 dB	216.00 deg	80.26 deg	-6.27 dB
2450(MHz)	0.86 dB	84.00 deg	-14.42 dB	291.00 deg	80.26 deg	-6.29 dB
2455(MHz)	0.74 dB	84.00 deg	-15.58 dB	291.00 deg	81.91 deg	-6.39 dB
2460(MHz)	0.42 dB	81.00 deg	-15.94 dB	219.00 deg	82.68 deg	-6.70 dB
2465(MHz)	0.10 dB	81.00 deg	-16.19 dB	216.00 deg	82.35 deg	-7.02 dB
2470(MHz)	0.01 dB	81.00 deg	-16.22 dB	297.00 deg	83.42 deg	-7.06 dB
2475(MHz)	-0.25 dB	81.00 deg	-16.81 dB	294.00 deg	85.25 deg	-7.27 dB
2480(MHz)	-0.48 dB	81.00 deg	-17.16 dB	222.00 deg	84.44 deg	-7.51 dB
2484(MHz)	-0.59 dB	78.00 deg	-16.17 dB	300.00 deg	86.06 deg	-7.53 dB
2485(MHz)	-0.71 dB	78.00 deg	-16.59 dB	222.00 deg	86.28 deg	-7.67 dB
2490(MHz)	-0.97 dB	78.00 deg	-16.80 dB	300.00 deg	86.88 deg	-7.92 dB
2495(MHz)	-1.32 dB	78.00 deg	-17.83 dB	228.00 deg	88.16 deg	-8.25 dB
2500(MHz)	-1.74 dB	78.00 deg	**-19.04 dB**	225.00 deg	87.39 deg	-8.71 dB