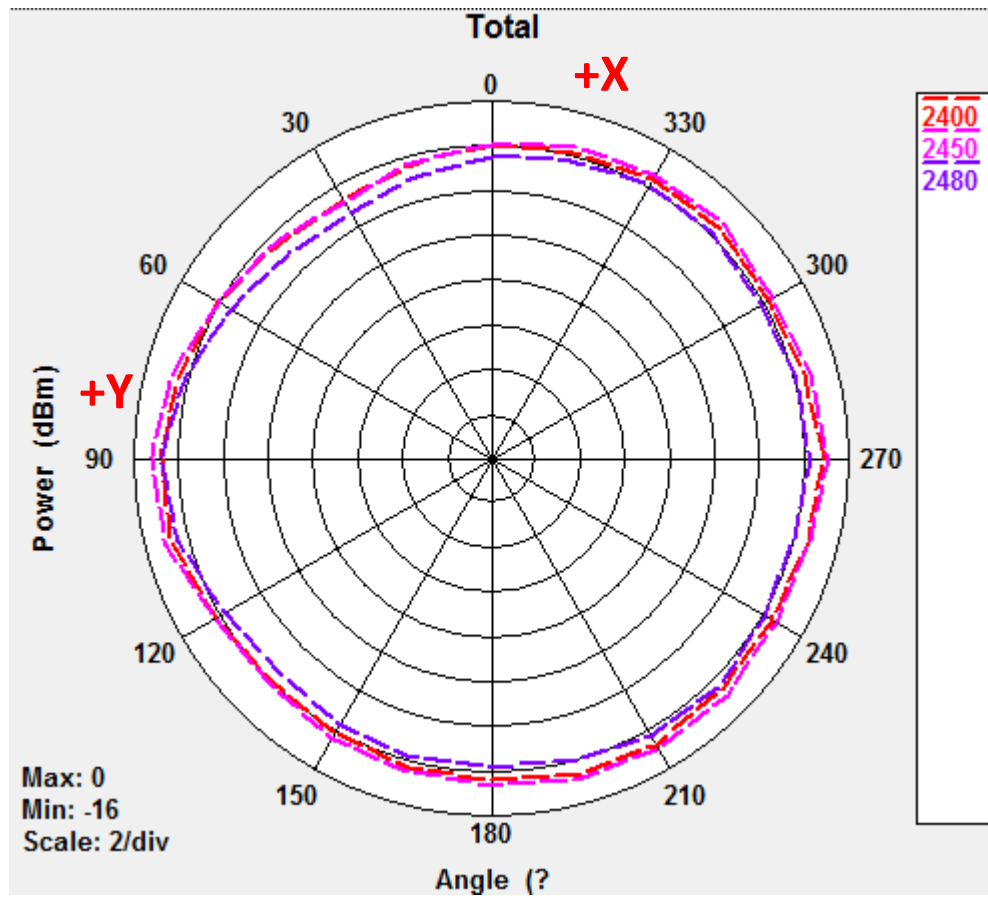


Manufacturer : AMOTECH

MODEL: ALA321C3

Antenna peak gain=0.37dBi at XZ-cut

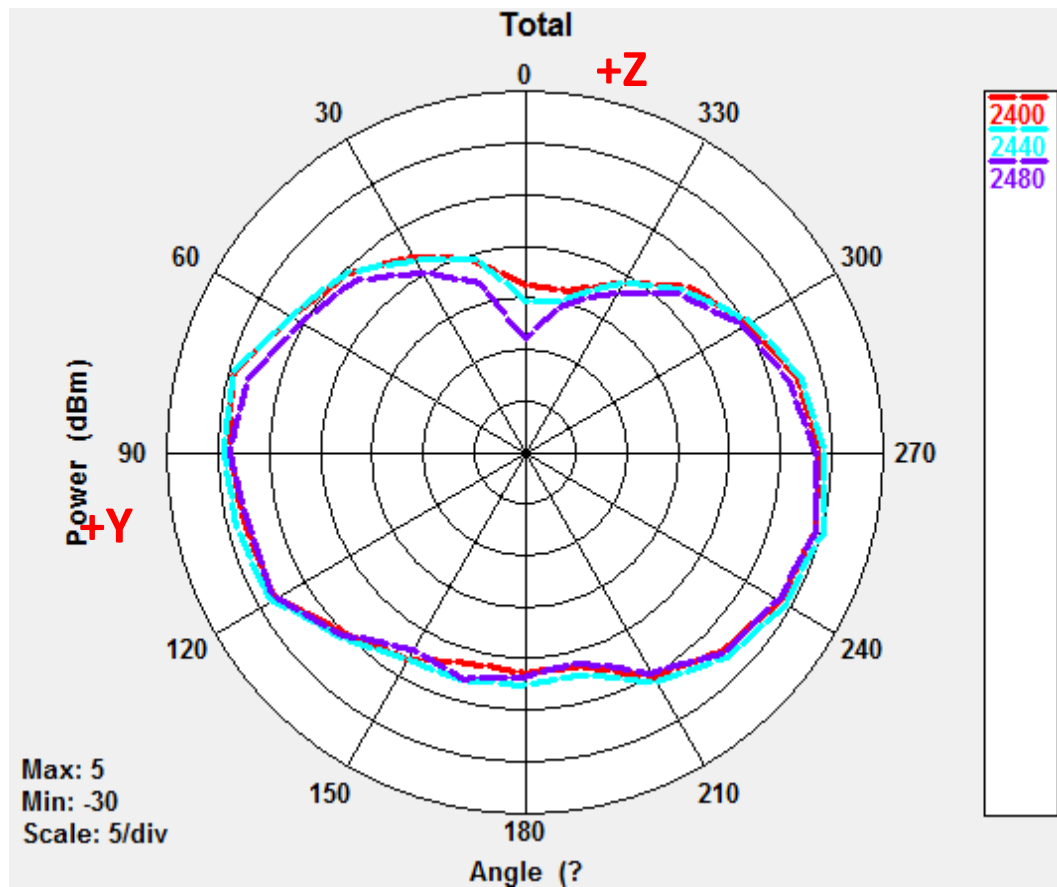
## XY-cut



YZ-cut Peak gain=-0.92dBi

Total	Frequency	2400	2450	2480
	Angle (?)	Power (dBm)	Power (dBm)	Power (dBm)
	0	-2.04	-2.08	-2.57
	15	-2.45	-2.44	-3.07
	30	-2.83	-2.84	-3.46
	45	-2.57	-2.51	-3.20
	60	-2.05	-2.06	-2.64
	75	-1.68	-1.39	-1.90
	90	-1.35	-0.92	-1.38
	105	-1.28	-1.02	-1.58
	120	-1.86	-1.75	-2.29
	135	-2.09	-1.89	-2.53
	150	-1.91	-1.66	-2.32
	165	-1.74	-1.52	-2.23
	180	-1.59	-1.43	-2.21
	195	-1.38	-1.17	-2.03
	210	-1.23	-1.03	-1.71
	225	-1.40	-1.02	-1.63
	240	-1.56	-1.33	-1.92
	255	-1.41	-1.27	-2.01
	270	-1.15	-0.99	-1.78
	285	-1.52	-1.27	-1.93
	300	-1.80	-1.58	-2.18
	315	-1.54	-1.34	-1.89
	330	-1.67	-1.43	-1.98
	345	-1.97	-1.66	-2.31
	360	-2.04	-2.08	-2.57

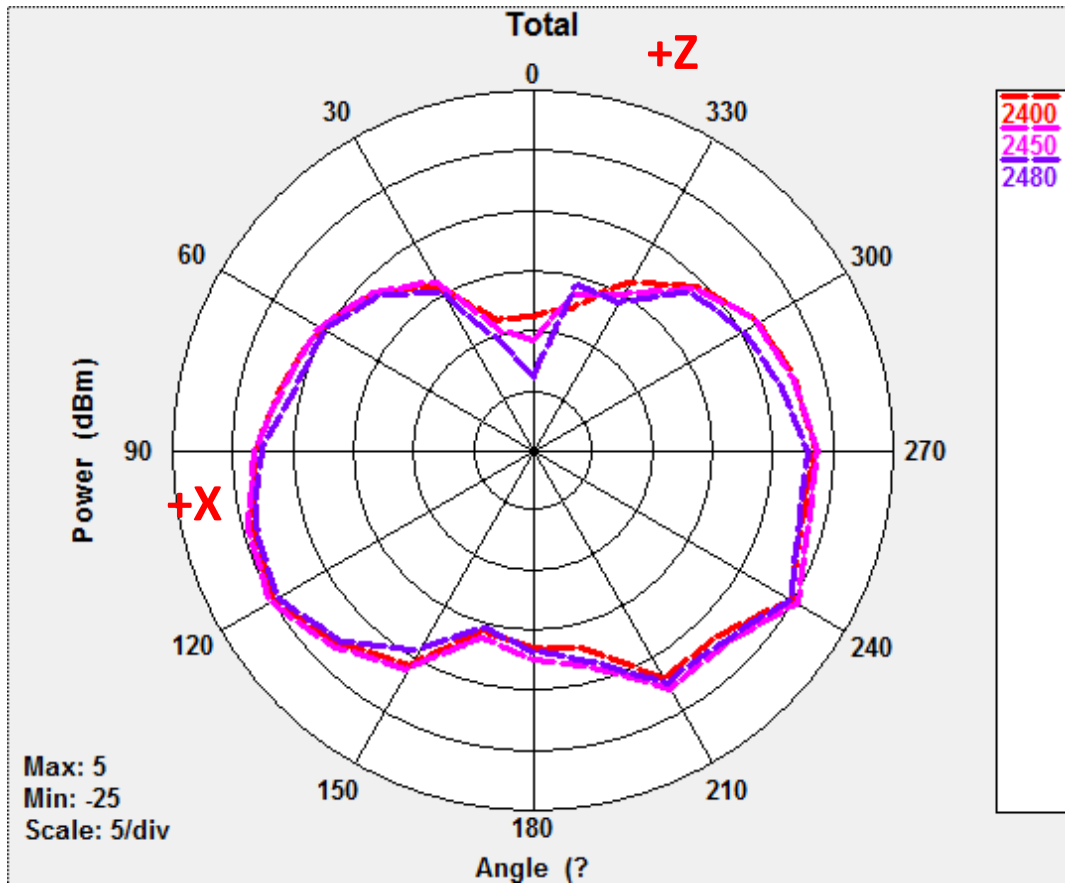
## YZ-cut



YZ-cut Peak gain=-0.03dBi

Total	Frequency	2400	2450	2480
	Angle (?)	Power (dBm)	Power (dBm)	Power (dBm)
	0	-13.91	-15.97	-19.10
	15	-10.99	-11.80	-13.08
	30	-8.41	-9.24	-10.07
	45	-5.97	-6.17	-6.67
	60	-3.87	-4.17	-5.06
	75	-0.85	-1.07	-2.43
	90	-1.35	-0.92	-1.38
	105	-1.98	-1.44	-2.29
	120	-2.17	-1.43	-1.87
	135	-5.37	-4.72	-5.12
	150	-7.08	-6.95	-8.09
	165	-8.93	-7.10	-7.46
	180	-8.66	-7.68	-8.43
	195	-8.48	-8.15	-9.04
	210	-5.07	-4.53	-5.41
	225	-2.76	-2.23	-2.69
	240	-1.18	-0.86	-1.48
	255	-0.78	-0.03	-0.80
	270	-1.15	-0.99	-1.78
	285	-2.66	-2.40	-3.34
	300	-5.08	-4.80	-5.56
	315	-7.65	-8.12	-8.69
	330	-11.14	-11.83	-12.42
	345	-13.96	-15.20	-15.39
	360	-13.91	-15.97	-19.10

## XZ-cut



XZ-cut Peak gain=0.37dBi

Total	Frequency	2400	2450	2480
	Angle (?)	Power (dBm)	Power (dBm)	Power (dBm)
	0	-13.91	-15.97	-19.10
	15	-13.86	-14.94	-15.94
	30	-9.39	-9.07	-9.90
	45	-6.64	-6.65	-6.96
	60	-4.83	-4.69	-5.25
	75	-3.58	-3.76	-4.94
	90	-2.04	-2.08	-2.57
	105	-0.98	-0.59	-1.23
	120	-0.26	0.05	-0.59
	135	-2.25	-1.95	-2.55
	150	-4.40	-4.12	-5.69
	165	-9.39	-8.93	-9.82
	180	-8.66	-7.68	-8.43
	195	-7.88	-6.37	-6.99
	210	-3.13	-2.08	-2.74
	225	-3.39	-2.39	-2.63
	240	-0.18	0.37	-0.31
	255	-1.88	-1.29	-2.14
	270	-1.59	-1.43	-2.21
	285	-2.42	-2.70	-3.84
	300	-3.44	-3.65	-5.01
	315	-5.97	-6.06	-6.47
	330	-8.98	-10.13	-10.95
	345	-12.95	-11.84	-10.85
	360	-13.91	-15.97	-19.10