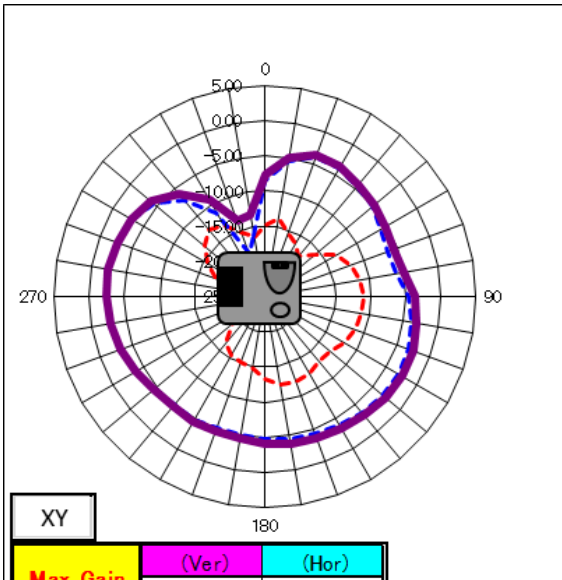
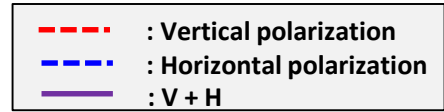
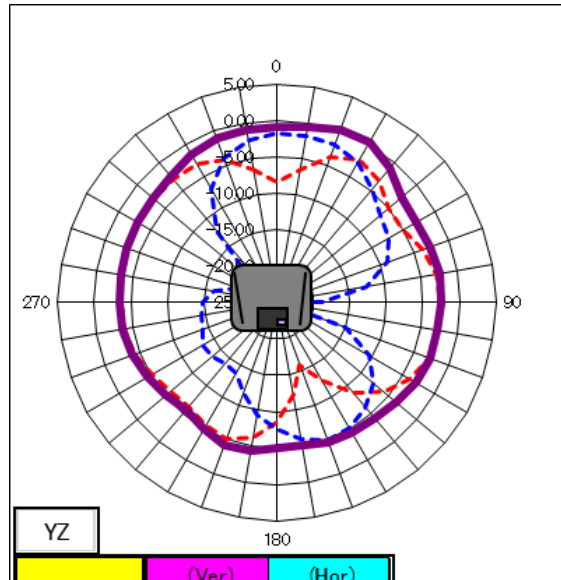


# Antenna Radiation Pattern (TGU4xx/1xx)

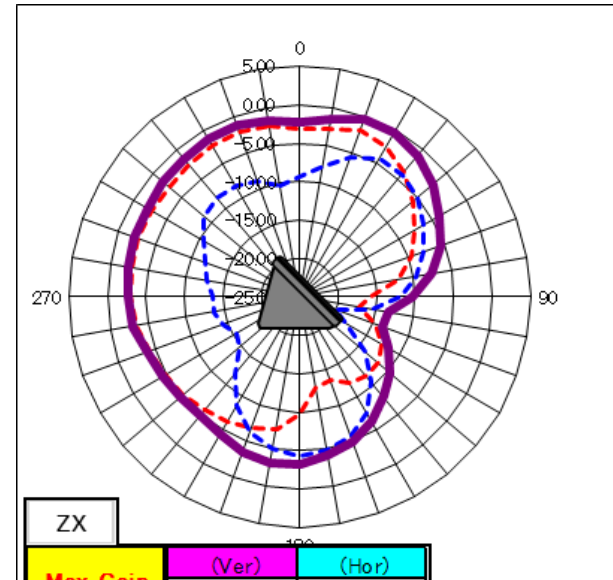
## Base Unit – Antenna 1



XY			
Max Gain	(Ver)	(Hor)	
	-11.0 dBi	-2.5 dBi	
Ave Gain	(Ver)	(Hor)	(V+H) Ave
	-14.2 dBi	-4.6 dBi	-4.1 dBi



YZ			
Max Gain	(Ver)	(Hor)	
	-2.5 dBi	-1.7 dBi	
Ave Gain	(Ver)	(Hor)	(V+H) Ave
	-4.6 dBi	-7.2 dBi	-2.7 dBi



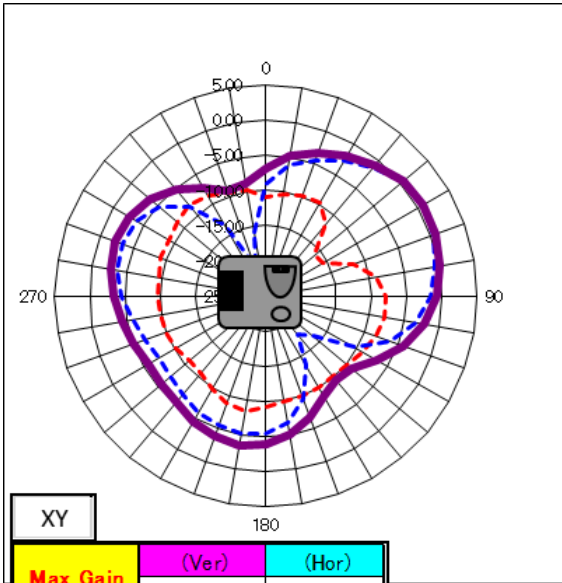
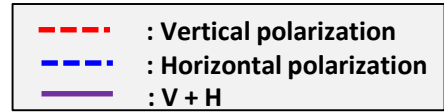
ZX			
Max Gain	(Ver)	(Hor)	
	-2.0 dBi	-4.2 dBi	
Ave Gain	(Ver)	(Hor)	(V+H) Ave
	-5.1 dBi	-8.3 dBi	-3.4 dBi



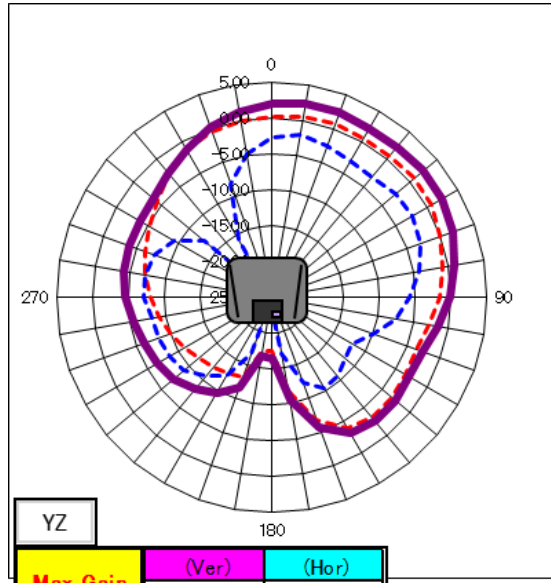
Total Average Gain  
**-3.37 dBi**

# Antenna Radiation Pattern (TGU4xx/1xx)

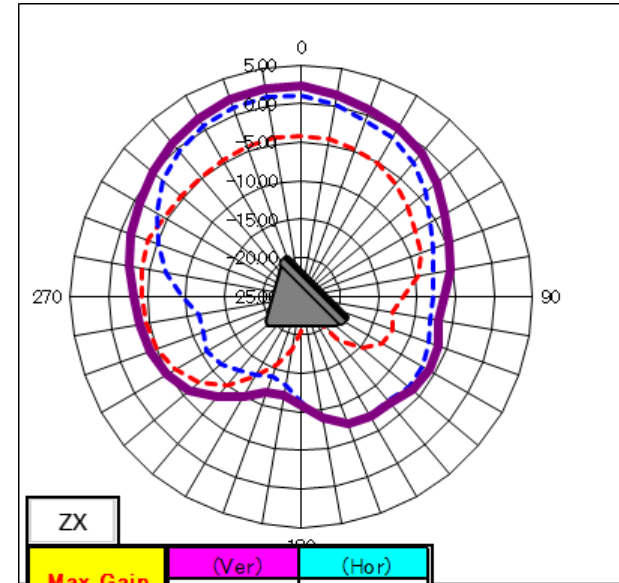
## Base Unit – Antenna 2



XY			
Max Gain	(Ver)	(Hor)	
	-7.8 dBi	0.8 dBi	
Ave Gain	(Ver)	(Hor)	(V+H) Ave
	-9.7 dBi	-4.6 dBi	-3.4 dBi



YZ			
Max Gain	(Ver)	(Hor)	
	0.9 dBi	-2.1 dBi	
Ave Gain	(Ver)	(Hor)	(V+H) Ave
	-2.9 dBi	-6.7 dBi	-1.4 dBi



ZX			
Max Gain	(Ver)	(Hor)	
	-3.8 dBi	1.2 dBi	
Ave Gain	(Ver)	(Hor)	(V+H) Ave
	-7.0 dBi	-4.1 dBi	-2.3 dBi



Total Average Gain  
**-2.27 dBi**