

ANTENNA MURATA ANCV12G44SAA127

OBJECT : Real gain of the antenna for STMicroelectronics ZigBee module

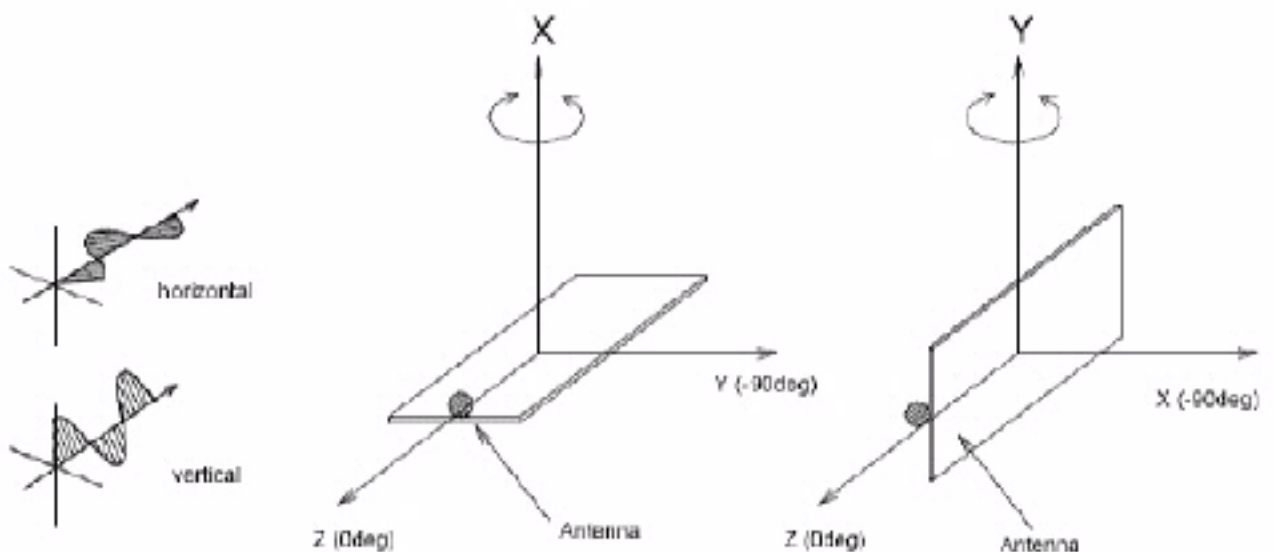
ZigBee modules SPZB260C-PRO and SPZB260A-PRO are complete modules with its own antenna included ; that means the user has not to calculate or adapt the antenna to the module ; adaptation is done on the module with the appropriate LC components.

Antenna type:

- Murata ANCV12G44SAA127

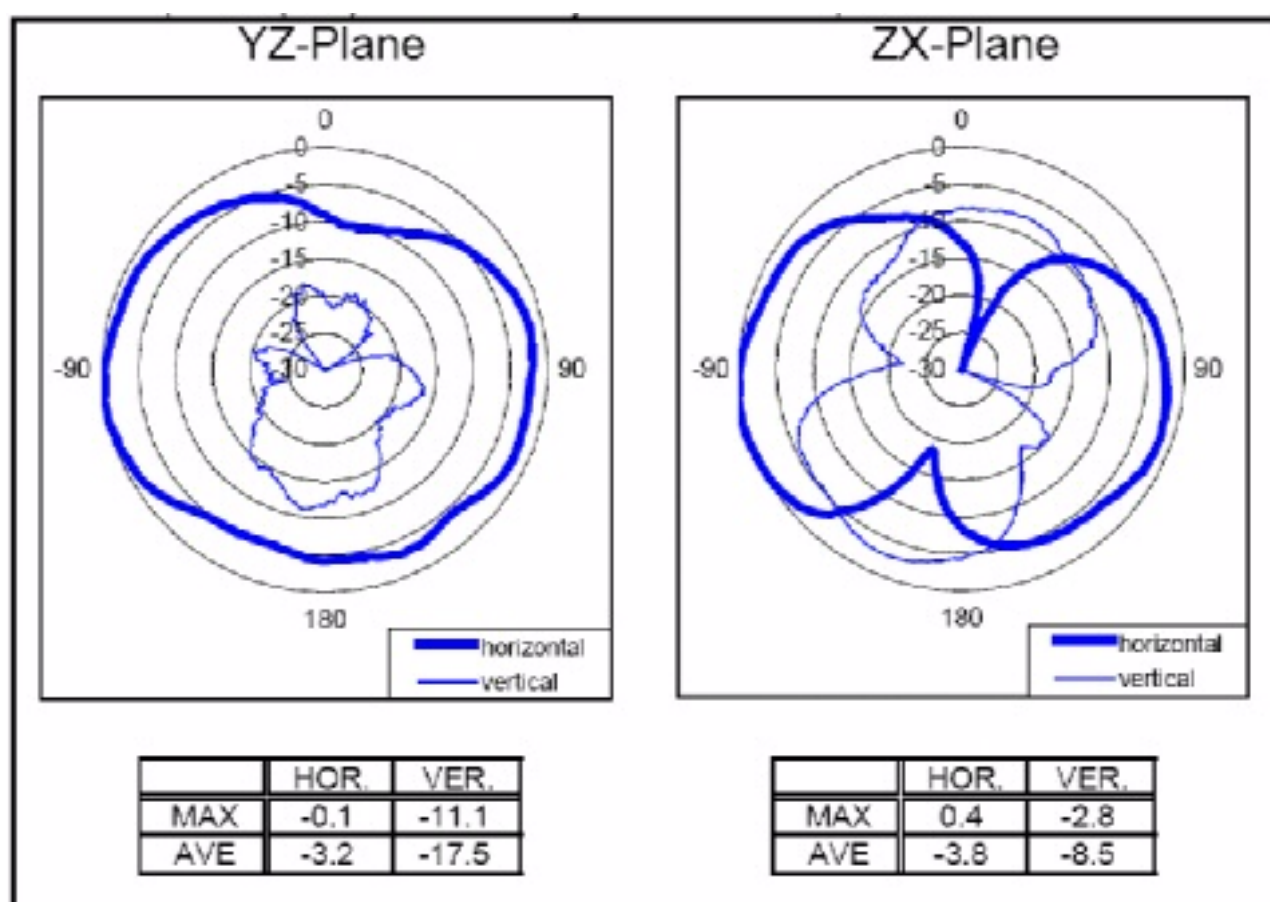
Real antenna gain are the following:

Measurement direction



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LINEAR POLARIZATION		YZ-Plane		ZX-Plane		[dBi]	[dB]
		hor.	ver.	hor.	ver.		Efficiency
2400 MHz	MAX	-1.1	-13.1	-1.1	-4.5		
	AVE	-4.3	-18.0	-5.2	-9.7		
2450 MHz	MAX	-0.1	-11.1	0.4	-2.8		
	AVE	-3.2	-17.5	-3.8	-8.5		
2500 MHz	MAX	-1.1	-11.8	-0.8	-5.2		
	AVE	-4.7	-17.7	-5.1	-10.5		



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LINEAR POLARIZATION		[dBi]				[dB]
		YZ-Plane		ZX-Plane		Efficiency
		hor.	ver.	hor.	ver.	
2400 MHz	MAX	-1.7	-13.9	-1.7	-4.0	-3.2
	AVE	-4.8	-19.4	-5.5	-9.6	
2450 MHz	MAX	-0.6	-12.8	-0.3	-2.6	-2.1
	AVE	-3.5	-19.7	-4.3	-8.4	
2500 MHz	MAX	-1.7	-13.2	-1.8	-5.1	-3.7
	AVE	-5.2	-19.6	-6.0	-10.7	

