

WYSACVLAY Antenna

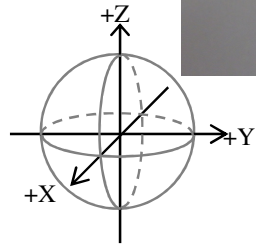
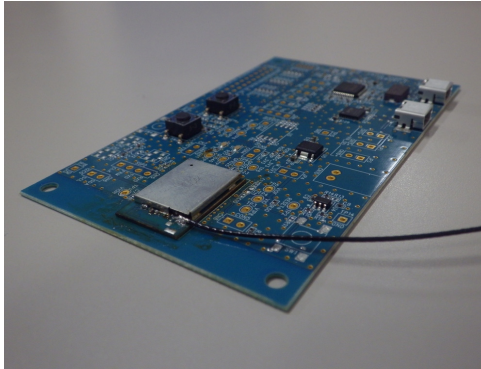
Confidential

Measured in Satimo Stargate system at TAIYO YUDEN R&D CENTER.

Antenna form : 1 / 4 Mono Pole Antenna

Antenna Size : 4.1mm x 9.8mm

Appearance and coordinates definition



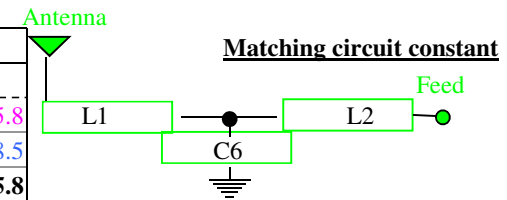
Measurement data of antenna

Frequency [MHz]		@ 2400	@ 2450	@ 2500
Peak gain		[dBi]		
3-plane	TX-H	-2.9	-3.5	-5.8
	TX-V	-6.7	-6.5	-8.5
		-2.9	-3.5	-5.8
Average gain		[dBi]		
XY-plane	TX-H	-7.7	-7.6	-9.8
	TX-V	-28.0	-27.2	-28.5
	Plus(H,V)	-7.6	-7.6	-9.8
YZ-plane	TX-H	-14.6	-14.0	-14.9
	TX-V	-10.1	-9.8	-11.6
	Plus(H,V)	-8.8	-8.4	-9.9
ZX-plane	TX-H	-8.4	-9.2	-11.7
	TX-V	-9.5	-9.2	-10.6
	Plus(H,V)	-5.9	-6.2	-8.1
3-plane	TX-H	-9.3	-9.5	-11.7
	TX-V	-11.5	-11.2	-12.8
		-7.3	-7.3	-9.2
Efficiency [dB]		-6.5	-6.6	-8.6
VSWR [:1]		1.5	1.9	4.0

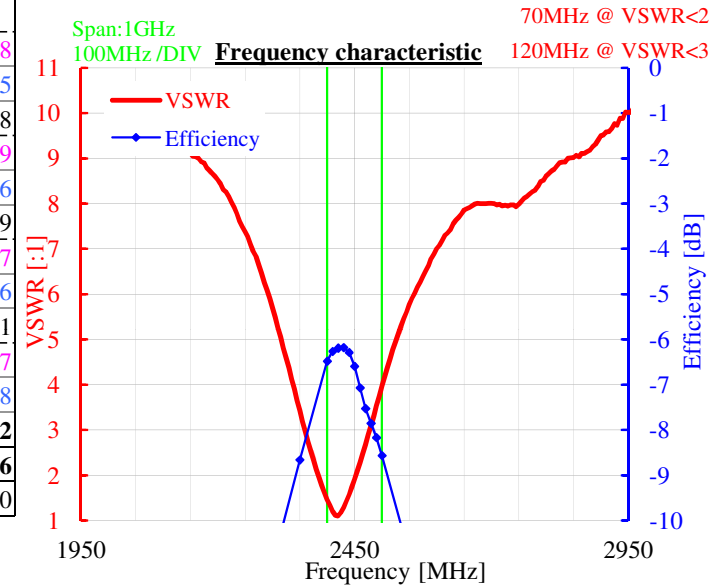
*Note: Peak gain(3-plane)=Peak(XY[H],XY[V],YZ[H],YZ[V],ZX[H],ZX[V])

*Note:The value is average value in 1 round of each inclination direction angle.

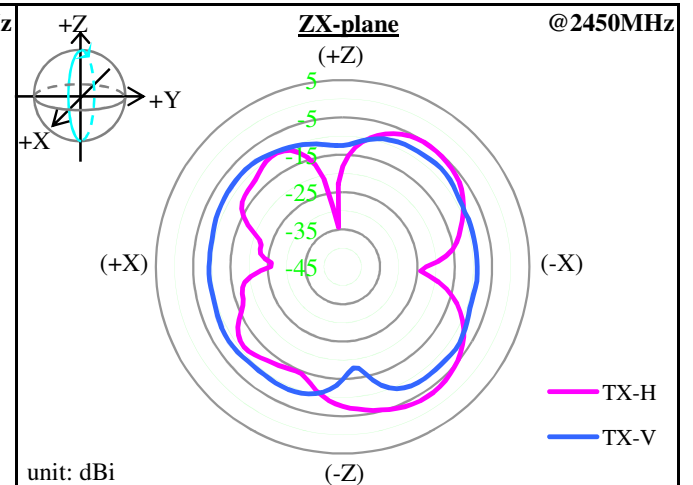
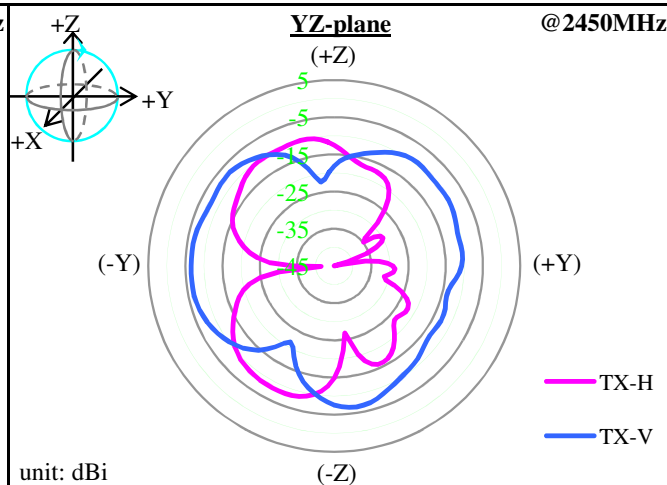
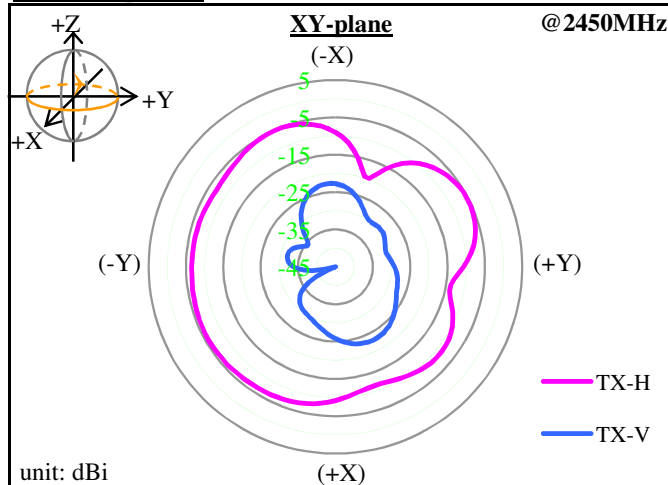
*Note: Average gain(3-plane)=Average(XY[Plus(H,V)],YZ[Plus(H,V)],ZX[Plus(H,V)])



28.Aug.2015



Radiation pattern



20150828M0982

Antenna Size 4.1mm x 9.8mm

