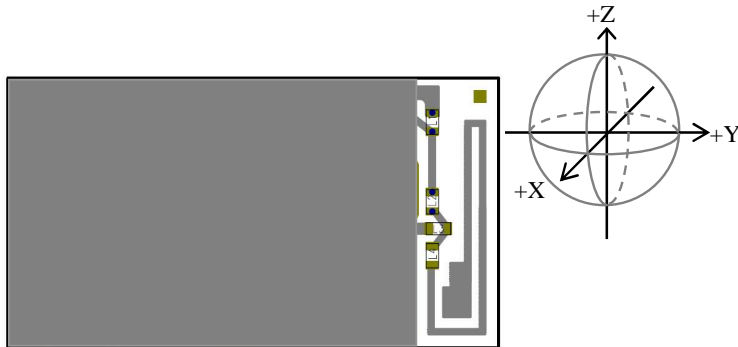


PCB Antenna

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

Appearance and coordinates definition



PCB Name : PB-140003

Measurement data of antenna

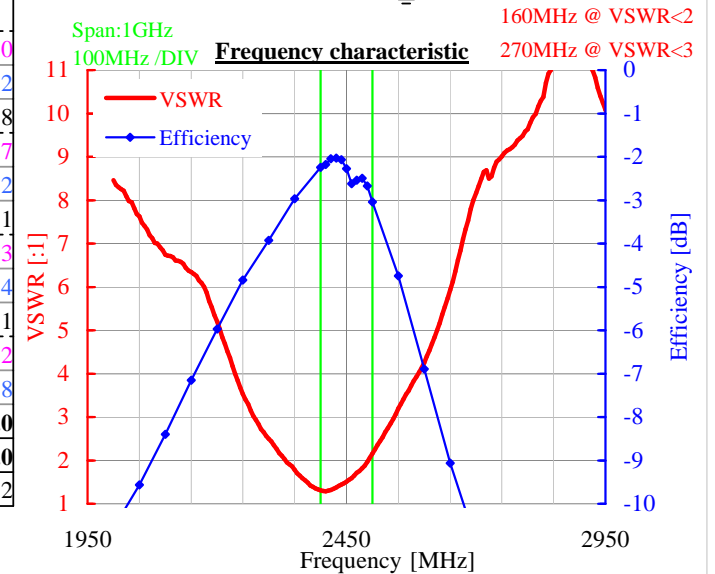
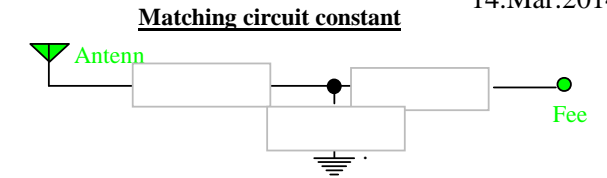
Frequency [MHz]		@2400	@2450	@2500
Peak gain [dBi]				
3-plane	TX-H	0.2	0.6	0.3
	TX-V	0.6	0.9	0.1
		0.6	0.9	0.3
Average gain [dBi]				
XY-plane	TX-H	-4.1	-4.1	-5.0
	TX-V	-18.3	-17.0	-18.2
	Plus(H,V)	-3.9	-3.9	-4.8
YZ-plane	TX-H	-13.7	-14.7	-15.7
	TX-V	-0.6	-0.6	-1.2
	Plus(H,V)	-0.4	-0.4	-1.1
ZX-plane	TX-H	-3.5	-3.6	-4.3
	TX-V	-18.0	-16.6	-17.4
	Plus(H,V)	-3.4	-3.4	-4.1
3-plane	TX-H	-5.3	-5.4	-6.2
	TX-V	-5.2	-5.2	-5.8
		-2.3	-2.3	-3.0
Efficiency [dB]		-2.2	-2.3	-3.0
VSWR [:1]		1.3	1.5	2.2

*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)])

14.Mar.2014



Radiation pattern

