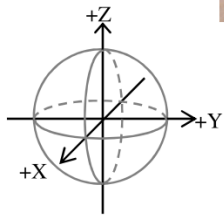
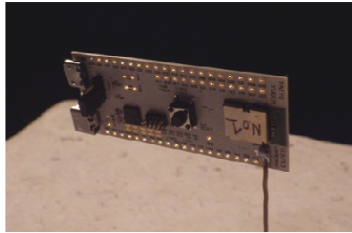


EB2833 Antenna Description

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

25.Apr.2018

Appearance and coordinates definition



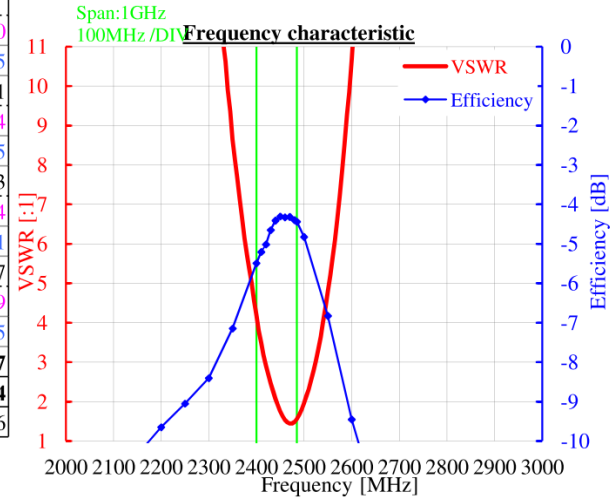
Measurement data of antenna

Frequency [MHz]		@2400	@2442	@2484
Peak gain [dBi]				
3-plane	TX-H	-2.8	-0.6	-0.8
	TX-V	-3.8	-2.2	-1.7
		-2.8	-0.6	-0.8
Average gain [dBi]				
XY-plane	TX-H	-7.9	-7.0	-7.0
	TX-V	-11.0	-10.0	-9.5
	Plus(H,V)	-6.2	-5.2	-5.1
YZ-plane	TX-H	-7.1	-5.6	-5.4
	TX-V	-29.3	-26.7	-26.5
	Plus(H,V)	-7.0	-5.6	-5.3
ZX-plane	TX-H	-11.4	-10.2	-9.4
	TX-V	-5.5	-4.6	-5.1
	Plus(H,V)	-4.5	-3.6	-3.7
3-plane	TX-H	-8.4	-7.2	-6.9
	TX-V	-9.2	-8.3	-8.5
		-5.8	-4.7	-4.7
Efficiency [dB]		-5.5	-4.4	-4.4
VSWR [:1]		4.2	2.1	1.6

*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)])



Radiation pattern

